FLUIDAL, S.L. Pº Ubarburu,79 20.115 Astigarraga (Gipuzkoa) Telf. 943 453 795 - 661 471 123 - www.fluidal.com - fluidal@fluidal.com

# Catálogo Tarifa Conducciones 2024

## Flexibles hidráulicos
*Flexible connectors*
Flexibles hydrauliques
Tubi flessibili e raccordi

TrAle®



## Flexibles Industriales
*Industrial Flexible Hoses & Fittings*
Flexibles industriels
Tubi flessibili e raccordi industriali

INDUS TrAle®



## Tubo rígido
*Pipe connectors*
Connectique rigide
Tubi

TrAle®



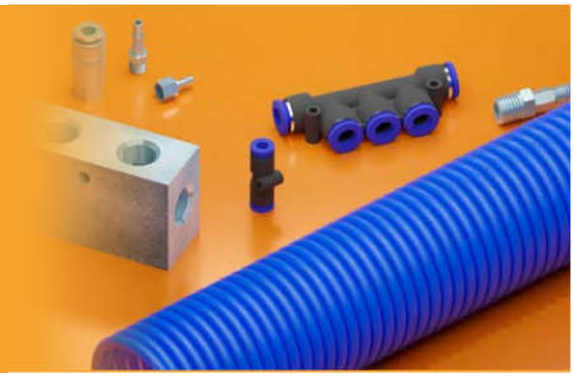
## Accesorios
*Accessories*
Accessoires
Accessori

TrAle®



## Conducciones neumáticas
*Pneumatic connectors*
Connectique pneumatique
Condutture pneumatiche

TrAle®



## MANGUERAS
Hoses
Tuyaux
Tubi flessibili




## RACORES PARA TUBERÍA FLEXIBLE
Flexible hose fittings
Embouts à sertir
Raccordi per tubi flessibili




## METROLOGÍA
Flow measuring
Test du circuit hydraulique
Test per circuiti idraulici




## MÁQUINAS TRATAMIENTO TUBO FLEXIBLE
Equipment for flexible hoses
Machines pour le montage des flexibles
Macchine per l'assemblaggio di tubi flessibili



**Mangueras hidráulicas TrΔle® GOLD** 11
Hydraulic hoses TrΔle® GOLD
Tuyaux hydrauliques TrΔle® GOLD
Tubi idraulici TrΔle® GOLD

**Mangueras hidráulicas TrΔle®** 16
Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle®
Tubi idraulici TrΔle®

**Mangueras hidráulicas TrΔle® SMOOTH** 20
SMOOTH Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle® SMOOTH
Tubi idraulici TrΔle® SMOOTH (lisci)

**Mangueras hidráulicas TrΔle® GREENLINE** 21
Hydraulic hoses TrΔle® GREENLINE
Tuyaux hydrauliques TrΔle® GREENLINE
Tubi idraulici TrΔle® GREENLINE

**Mangueras termoplásticas TrΔle®** 22
Thermoplastic hoses TrΔle®
Tuyaux thermoplastiques TrΔle®
Tubi termoplastici TrΔle®

**Mangueras PTFE TrΔle®** 26
PTFE hoses TrΔle®
Tuyaux PTFE TrΔle®
Tubi PTFE TrΔle®

**Mangueras PTFE TrΔle® GREENLINE** 28
Hydraulic hoses PTFE TrΔle® GREENLINE
Tuyaux hydrauliques PTFE TrΔle® GREENLINE
Tubi PTFE TrΔle® GREENLINE




# 01

## MANGUERAS HIDRÁULICAS

Hydraulic hoses

Tuyaux hydrauliques

Tubi flessibili

# Mangueras hidráulicas TrΔle® GOLD

Hydraulic hoses TrΔle® GOLD
Tuyaux hydrauliques TrΔle® GOLD
Tubi idraulici TrΔle® GOLD

Malla metálica TrΔle® GOLD - RockCover ▪ Steel Braid TrΔle® GOLD - RockCover ▪ Tresse métallique TrΔle® GOLD - RockCover ▪ Treccia metallica TrΔle® GOLD - RockCover | 11


ML2230...RC


ML2SC...RC


ML4290...RC


ML3511...RC


ML021...RC


ML4569...RC

Malla metálica TrΔle® GOLD - DiamondCover ▪ Steel Braid TrΔle® GOLD - DiamondCover ▪ Tresse métallique TrΔle® GOLD - DiamondCover ▪ Treccia metallica TrΔle® GOLD - DiamondCover | 12


ML3511...DC


ML4569..DC


ML1SC..DC

Malla metálica TrΔle® GOLD - HighPressure ▪ Steel Braid TrΔle® GOLD - HighPressure ▪ Tresse métallique TrΔle® GOLD - HighPressure ▪ Treccia metallica TrΔle® GOLD - HighPressure | 13


MS2SNK

TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine ▪ TrΔle® GOLD - FlexyLine | 13


FLEX6000


MFLEX30

# Mangueras hidráulicas TrΔle®

Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle®
Tubi idraulici TrΔle®

Malla textil TrΔle® ▪ TrΔle® Textile braid ▪ Tresse textile TrΔle® ▪ Treccia tessile TrΔle® | 16



MSB21 ML7010 MB22 M2503 MB23

Malla metálica TrΔle® ▪ TrΔle® steel braid ▪ Tresse métallique TrΔle® ▪ Treccia metallica TrΔle® | 17



MS2230 MS3509 MS2SCK MS3511 M1SC M2SC ML3601 MS4290 M4612 MS4569



M4713 MS4815

Agua caliente TrΔle® ▪ TrΔle® Hydrowashing hose for hot water ▪ Tuyau lavage haute pression-TrΔle® ▪ Tubi per idropulitrici ad acqua calda TrΔle® | 19



MSC011...N MSC021...N MSC011...A MSC021...A MSC022...A MSC020...G

# Mangueras hidráulicas TrΔle® SMOOTH

SMOOTH Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle® SMOOTH
Tubi idraulici TrΔle® SMOOTH (lisci)

Malla metálica TrΔle® SMOOTH ▪ SMOOTH TrΔle® steel braid ▪ Tresse métallique TrΔle® SMOOTH ▪ Treccia metallica TrΔle® SMOOTH | 20




MSS2SC

Agua caliente TrΔle® SMOOTH ▪ SMOOTH TrΔle® Hydrowashing hose for hot water ▪ Tuyau lavage haute pression-TrΔle® SMOOTH ▪ Tubi per idropulitrici ad acqua calda TrΔle® SMOOTH | 20




MSCL021...A

# Mangueras hidráulicas TrΔle® GREENLINE

Hydraulic hoses TrΔle® GREENLINE
Tuyaux hydrauliques TrΔle® GREENLINE
Tubi idraulici TrΔle® GREENLINE






MW2230


MW2SC


MW3511


MWC021...A


MW4290


MW4569

# Mangueras termoplásticas TrΔle®

Thermoplastic hoses TrΔle®
Tuyaux thermoplastiques TrΔle®
Tubi termoplastici TrΔle®

Malla textil TrΔle® ▪ TrΔle® textile braid ▪ Tresse textile TrΔle® ▪ Treccia tessile TrΔle® | 22



MT070 MT270 MT071 MT080 MT280 MT081 MT010 MP1890

Malla metálica TrΔle® ▪ TrΔle® steel braid ▪ Tresse métallique TrΔle® ▪ Treccia metallica TrΔle® | 23



MT090 MT290 MT099 MT299 MT096 MT700 MT095

Limpieza de alcantarillas TrΔle® ▪ Sewer jetting hose TrΔle® ▪ Tuyau hydrocurage TrΔle® ▪ Tubi per la pulizia di fognature | 24



MEC200 MEC250 Z21200

# Mangueras PTFE TrΔle®

PTFE hoses TrΔle®
Tuyaux PTFE TrΔle®
Tubi PTFE TrΔle®

PTFE liso ▪ Smooth PTFE ▪ PTFE lisse ▪ PTFE liscio | 26





M2950 M2900 M29012

Mangueras Freno ▪ Brake hoses ▪ Tuyau de frein ▪ Tubi freni | 26



M29620

PTFE corrugado ▪ Convoluted PTFE ▪ PTFE convoluté ▪ PTFE corrugato | 27






M2920 M2985 M2980 M2930

PTFE Liso PTFLEX ▪ PTFLEX Smooth PTFE ▪ PTFE Lisse PTFLEX ▪ PTFE Liscio PTFLEX | 27



M2940

# Mangueras PTFE TrΔle® GREENLINE

Hydraulic hoses PTFE TrΔle® GREENLINE
Tuyaux hydrauliques PTFE TrΔle® GREENLINE
Tubi PTFE TrΔle® GREENLINE

PTFE liso TrΔle® GREENLINE ▪ Smooth PTFE TrΔle® GREENLINE ▪ PTFE lisse TrΔle® GREENLINE ▪ PTFE liscioTrΔle® GREENLINE | 28



MW29

# Mangueras hidráulicas TrΔle® GOLD

Hydraulic hoses TrΔle® GOLD
Tuyaux hydrauliques TrΔle® GOLD
Tubi idraulici TrΔle® GOLD

## Manguera TrΔle® Gold EN 853 1SN / SAE 100 R1AT - RockCover

EN 853 1SN / SAE 100 R1AT hose TrΔle® Gold - RockCover
Tuyau TrΔle® Gold EN 853 1SN / SAE 100 R1AT - RockCover
Tubo 1SN / R1AT TrΔle® Gold - RockCover




| DN | Referencia Part n° |
|---|---|
| 1/4" | ML223004RC |
| 5/16" | ML223005RC |
| 3/8" | ML223006RC |
| 1/2" | ML223008RC |
| 5/8" | ML223010RC |
| 3/4" | ML223012RC |
| 1" | ML223016RC |
| 1"1/4 | ML223020RC |
| 1"1/2 | ML223024RC |
| 2" | ML223032RC |

## Manguera TrΔle® Gold EN 857 2SC - RockCover

EN 857 2SC hose TrΔle® Gold - RockCover
Tuyau TrΔle® Gold EN 857 2SC - RockCover
Tubo 2SC TrΔle® Gold - RockCover




| DN | Referencia Part n° |
|---|---|
| 1/4" | ML2SC04RC |
| 3/8" | ML2SC06RC |
| 1/2" | ML2SC08RC |
| 5/8" | ML2SC10RC |
| 3/4" | ML2SC12RC |
| 1" | ML2SC16RC |

## Manguera TrΔle® Gold EN 856 4SP - RockCover

EN 856 4SP hose TrΔle® Gold - RockCover
Tuyau TrΔle® Gold EN 856 4SP - RockCover
Tubo 4SP TrΔle® Gold - RockCover




| DN | Referencia Part n° |
|---|---|
| 3/8" | ML429006RC |
| 1/2" | ML429008RC |
| 5/8" | ML429010RC |
| 3/4" | ML429012RC |
| 1" | ML429016RC |

## Manguera TrΔle® Gold EN 853 2SN / SAE 100 R2AT - RockCover

EN 853 2SN / SAE 100 R2AT hose TrΔle® Gold - RockCover
Tuyau TrΔle® Gold EN 853 2SN / SAE 100 R2AT - RockCover
Tubo 2SN / R2AT TrΔle® Gold -RockCover




| DN | Referencia Part n° |
|---|---|
| 1/4" | ML351104RC |
| 5/16" | ML351105RC |
| 3/8" | ML351106RC |
| 1/2" | ML351108RC |
| 5/8" | ML351110RC |
| 3/4" | ML351112RC |
| 1" | ML351116RC |
| 1"1/4 | ML351120RC |
| 1"1/2 | ML351124RC |
| 2" | ML351132RC |

## Superservicio agua caliente 2 mallas negra 400bar TrΔle® Gold - RockCover

Hot water black superservice 2 braids 400bar TrΔle® Gold - RockCover
Superservice eau chaude 2 tresses noir 400bar TrΔle® Gold - RockCover
Tubo nero acqua calda 2 trecce 400 bar TrΔle® Gold - RockCover




| DN | Referencia Part n° |
|---|---|
| 5/16" | MLC0215NRC |
| 3/8" | MLC0216NRC |

## Manguera TrΔle® Gold EN 856 4SH - RockCover

EN 856 4SH hose TrΔle® Gold - RockCover
Tuyau TrΔle® Gold EN 856 4SH - RockCover
Tubo 4SH TrΔle® Gold - RockCover




| DN | Referencia Part n° |
|---|---|
| 3/4" | ML456912RC |
| 1" | ML456916RC |
| 1"1/4 | ML456920RC |
| 1"1/2 | ML456924RC |
| 2" | ML456932RC |



# Mangueras hidráulicas TrΔle® GOLD

Hydraulic hoses TrΔle® GOLD
Tuyaux hydrauliques TrΔle® GOLD
Tubi idraulici TrΔle® GOLD

## Manguera TrΔle® Gold EN 853 2SN / SAE 100 R2AT - DiamondCover

EN 853 2SN / SAE 100 R2AT hose TrΔle® Gold - DiamondCover
Tuyau TrΔle® Gold EN 853 2SN / SAE 100 R2AT - DiamondCover
Tubo 2SN / R2AT TrΔle® Gold -DiamondCover



| DN | Referencia Part n° |
|---|---|
| 1/4" | ML351104DC |
| 3/8" | ML351106DC |
| 1/2" | ML351108DC |

## Manguera TrΔle® Gold EN 857 1SC – DiamondCover

EN 857 1SC hose TrΔle® Gold - DiamondCover
Tuyau TrΔle® Gold EN 857 1SC - DiamondCover
Tubo 1SC TrΔle® Gold - DiamondCover



| DN | Referencia Part n° |
|---|---|
| 1/4" | ML1SC04DC |
| 3/8" | ML1SC06DC |
| 1/2" | ML1SC08DC |

## Manguera TrΔle® Gold EN 856 4SH - DiamondCover

EN 856 4SH hose TrΔle® Gold - DiamondCover
Tuyau TrΔle® Gold EN 856 4SH - DiamondCover
Tubo 4SH TrΔle® Gold - DiamondCover

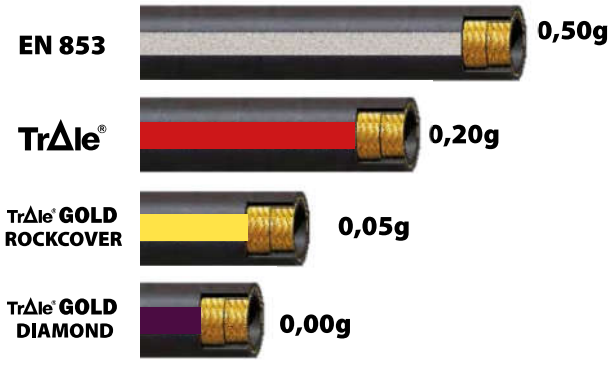


| DN | Referencia Part n° |
|---|---|
| 3/4" | ML456912DC |
| 1" | ML456916DC |

## RESISTENCIA A LA ABRASIÓN (ISO 6495)

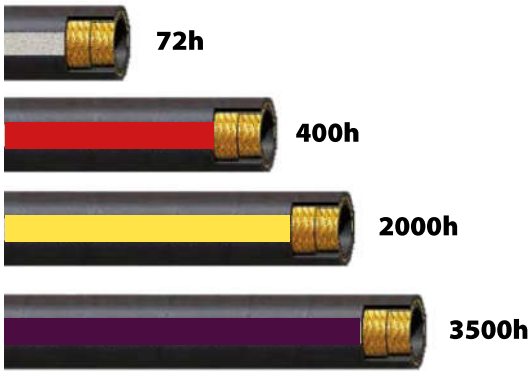
*ABRASION RESISTANCE*

25N / 2000 cycles




## RESISTENCIA AL OZONO (ISO 7326)

*OZONE RESISTANCE*




## CUBIERTA UHMPE COVER



# Mangueras hidráulicas TrΔle® GOLD

Hydraulic hoses TrΔle® GOLD
Tuyaux hydrauliques TrΔle® GOLD
Tubi idraulici TrΔle® GOLD

## Manguera TrΔle® Gold EN857 2SNK - HighPressure

EN857 2SNK hose TrΔle® Gold - HighPressure

Tuyau TrΔle® Gold EN857 2SNK - HighPressure

Tubo 2SNK TrΔle® Gold - HighPressure




| DN | Referencia Part n° |
|---|---|
| 1/4" | MS2SNK04 |
| 5/16" | MS2SNK05 |
| 3/8" | MS2SNK06 |
| 1/2" | MS2SNK08 |
| 5/8" | MS2SNK10 |
| 3/4" | MS2SNK12 |
| 1" | MS2SNK16 |

## SAE 100 R17

SAE 100 R17

SAE 100 R17

Tubo SAE 100 R17 TrΔle® Gold




| DN | Referencia Part n° |
|---|---|
| 1/4" | MFLEX3004 |
| 5/16" | MFLEX3005 |
| 3/8" | MFLEX3006 |
| 1/2" | MFLEX3008 |
| 5/8" | MFLEX3010 |
| 3/4" | MFLEX3012 |
| 1" | MFLEX3016 |

## FLEXLINE 6000

NEW

FLEXLINE 6000

FLEXLINE 6000

Tubo FLEXLINE 6000 TrΔle® Gold




| DN | Referencia Part n° |
|---|---|
| 3/4" | MFLEX6012 |
| 1" | MFLEX6016 |
| 1"1/4 | MFLEX6020 |
| 1"1/2 | MFLEX6024 |



# Mangueras hidráulicas TrΔle®

Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle®
Tubi idraulici TrΔle®

## Manguera EN 854 1TE / SAE 100 R6

EN 854 1TE / SAE 100 R6 Hose

Tuyau EN 854 1TE / SAE 100 R6

Tubo EN 854 1TE / SAE 100 R6 TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 1/4" | MSB2104 | |
| 5/16" | MSB2105 | |
| 3/8" | MSB2106 | |
| 1/2" | MSB2108 | |
| 5/8" | MSB2110 | |
| 3/4" | MSB2112 | |
| 1" | MSB2116 | |

## Manguera SAE 100 R4

SAE 100 R4 Hose

Tuyau SAE 100 R4

Tubo SAE 100 R4 TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 3/4" | ML701019 | |
| 1" | ML701025 | |
| 1"1/4 | ML701032 | |
| 1"1/2 | ML701038 | |
| 2" | ML701050 | |
| 2"1/2 | ML701063 | |

## Manguera EN 854 2TE

EN 854 2TE Hose

Tuyau EN 854 2TE

Tubo EN 854 2TE TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 1/4" | MB2204 | |
| 5/16" | MB2205 | |
| 3/8" | MB2206 | |
| 1/2" | MB2208 | |
| 5/8" | MB2210 | |
| 3/4" | MB2212 | |
| 1" | MB2216 | |

## Manguera SAE 100 R5

SAE 100 R5 Hose

Tuyau SAE 100 R5

Tubo SAE 100 R5 TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 3/16" | M250304 | |
| 1/4" | M250305 | |
| 5/16" | M250306 | |
| 13/32" | M250308 | |
| 1/2" | M250310 | |
| 5/8" | M250312 | |
| 7/8" | M250316 | |
| 1"1/8 | M250320 | |
| 1"3/8 | M250324 | |
| 1"13/16 | M250332 | |

## Manguera EN 854 3TE

EN 854 3TE Hose

Tuyau EN 854 3TE

Tubo EN 854 3TE TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 1/4" | MB2304 | |
| 5/16" | MB2305 | |
| 3/8" | MB2306 | |
| 1/2" | MB2308 | |
| 5/8" | MB2310 | |
| 3/4" | MB2312 | |
| 1" | MB2316 | |

# Mangueras hidráulicas TrΔle®

Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle®
Tubi idraulici TrΔle®

## Manguera EN 853 1SN / SAE 100 R1AT

EN 853 1SN / SAE 100 R1AT Hose

Tuyau EN 853 1SN / SAE 100 R1AT

Tubi EN 853 1SN / SAE 100 R1AT




| DN | Referencia Part n° | € |
|---|---|---|
| 3/16" | MS223003 | |
| 1/4" | MS223004 | |
| 5/16" | MS223005 | |
| 3/8" | MS223006 | |
| 1/2" | MS223008 | |
| 5/8" | MS223010 | |
| 3/4" | MS223012 | |
| 1" | MS223016 | |
| 1"1/4 | MS223020 | |
| 1"1/2 | MS223024 | |
| 2" | MS223032 | |

## Manguera EN 853 2ST / SAE 100 R2A

EN 853 2ST / SAE 100 R2A Hose

Tuyau EN 853 2ST / SAE 100 R2A

Tubo EN 853 2ST / SAE 100 R2A TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 1/4" | MS350904 | |
| 5/16" | MS350905 | |
| 3/8" | MS350906 | |
| 1/2" | MS350908 | |
| 5/8" | MS350910 | |
| 3/4" | MS350912 | |
| 1" | MS350916 | |
| 1" 1/4 | MS350920 | |
| 1" 1/2 | MS350924 | |
| 2" | MS350932 | |

## Manguera 2SCK

NEW

2SCK Hose

Tuyau 2SCK

Tubo 2SCK TrΔle®



| DN | Referencia Part n° | € |
|---|---|---|
| 1/4" | MS2SCK04 | |
| 5/16" | MS2SCK05 | |
| 3/8" | MS2SCK06 | |
| 1/2" | MS2SCK08 | |
| 5/8" | MS2SCK10 | |
| 3/4" | MS2SCK12 | |
| 1" | MS2SCK16 | |

## Manguera EN 853 2SN / SAE 100 R2AT

EN 853 2SN / SAE 100 R2AT Hose

Tuyau EN 853 2SN / SAE 100 R2AT

Tubo EN 853 2SN / SAE 100 R2AT TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 3/16" | MS351103 | |
| 1/4" | MS351104 | |
| 5/16" | MS351105 | |
| 3/8" | MS351106 | |
| 1/2" | MS351108 | |
| 5/8" | MS351110 | |
| 3/4" | MS351112 | |
| 1" | MS351116 | |
| 1"1/4 | MS351120 | |
| 1"1/2 | MS351124 | |
| 2" | MS351132 | |
| 2" 1/2 | MS351140 | |
| 3" | MS351148 | |

## Manguera EN 857 1SC

EN 857 1SC Hose

Tuyau EN 857 1SC

Tubo EN 857 1SC TrΔle®




| DN | Referencia Part n° | € |
|---|---|---|
| 1/4" | M1SC04 | |
| 5/16" | M1SC05 | |
| 3/8" | M1SC06 | |
| 1/2" | M1SC08 | |
| 5/8" | M1SC10 | |
| 3/4" | M1SC12 | |
| 1" | M1SC16 | |

## Manguera EN 857 2SC

EN 857 2SC Hose

Tuyau EN 857 2SC

Tubo EN 857 2SC TrΔle®




| DN | Referencia Part n° |
|---|---|
| 1/4" | M2SC04 |
| 5/16" | M2SC05 |
| 3/8" | M2SC06 |
| 1/2" | M2SC08 |
| 5/8" | M2SC10 |
| 3/4" | M2SC12 |
| 1" | M2SC16 |

2SCK

**+PRESIÓN** + PRESSURE
**+FLEXIBILIDAD** + FLEXIBILITY

**MEJOR PRECIO**
BETTER PRICES




2SC
**BITUBO TWIN**

Consultar | On Request

# Mangueras hidráulicas TrΔle®

Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle®
Tubi idraulici TrΔle®

## Manguera hidráulica 3SP

3SP Braids Hoses

Tuyau 3SP

Tubo 3SP TrΔle®




| DN | Referencia Part n° |
|---|---|
| 3/8" | MS36010600 |
| 1/2" | MS36010800 |
| 5/8" | MS36011000 |
| 3/4" | MS36011200 |
| 1" | MS36011600 |

## Manguera EN 856 4SP / SAE 100 R9R-R10

EN 856 4SP / SAE 100 R9R-R10 Hose

Tuyau EN 856 4SP / SAE 100 R9R-R10

Tubo EN 856 4SP / SAE 100 R9R-R10 TrΔle®




| DN | Referencia Part n° |
|---|---|
| 1/4" | MS429004 |
| 3/8" | MS429006 |
| 1/2" | MS429008 |
| 5/8" | MS429010 |
| 3/4" | MS429012 |
| 1" | MS429016 |
| 1"1/4 | MS424820 |
| 1"1/2 | MS424824 |
| 2" | MS424832 |

## Manguera EN 856 R12 / SAE 100 R12

EN 856 R12 / SAE 100 R12 Hose

Tuyau EN 856 R12 / SAE 100 R12

Tubo EN 856 / SAE 100 R12 TrΔle®




| DN | Referencia Part n° |
|---|---|
| 3/8" | M461206 |
| 1/2" | M461208 |
| 5/8" | M461210 |
| 3/4" | M461212 |
| 1" | M461216 |
| 1"1/4 | M461220 |
| 1"1/2 | M461224 |

## Manguera EN 856 4SH

EN 856 4SH Hose

Tuyau EN 856 4SH

Tubo EN 856 4SH TrΔle®




| DN | Referencia Part n° |
|---|---|
| 3/4" | MS456912 |
| 1" | MS456916 |
| 1"1/4 | MS456920 |
| 1"1/2 | MS456924 |
| 2" | MS456932 |

## Manguera EN 856 R13 / SAE 100 R13

EN 856 R13 / SAE 100 R13 Hose

Tuyau EN 856 R13 / SAE 100 R13

Tubo EN 856 / SAE 100 R13 TrΔle®




| DN | Referencia Part n° |
|---|---|
| 3/4" | M471312 |
| 1" | M471316 |
| 1"1/4 | M471320 |
| 1"1/2 | M471324 |
| 2" | M471332 |

## Manguera SAE 100 R15

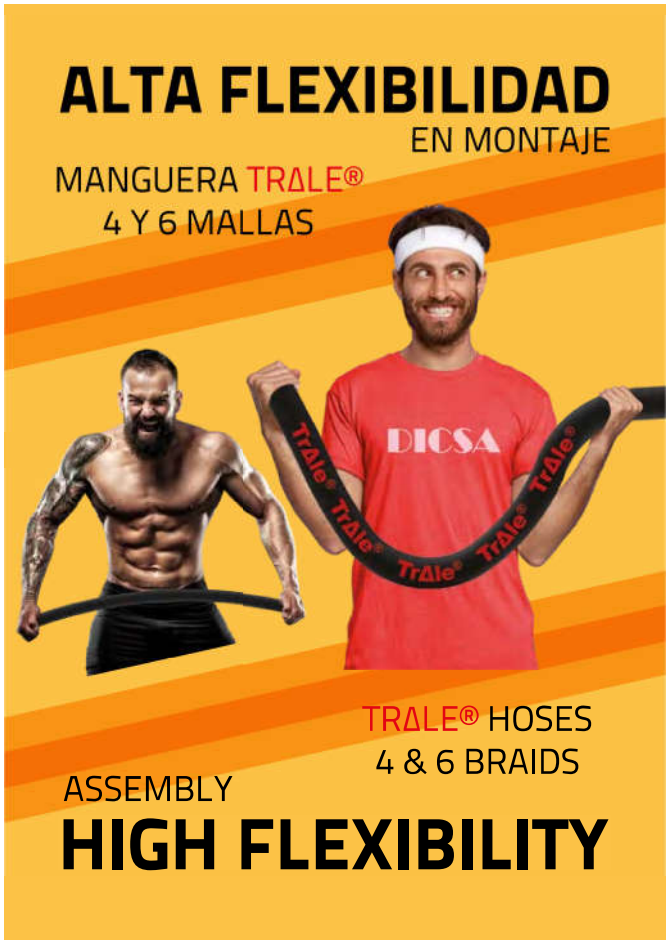
SAE 100 R15 Hose

Tuyau SAE 100 R15

Tubo SAE 100 R15 TrΔle®




| DN | Referencia Part n° |
|---|---|
| 3/4" | MS481512 |
| 1" | MS481516 |
| 1"1/4 | MS481520 |
| 1"1/2 | MS481524 |
| 2" | MS481532 |



# Mangueras hidráulicas TrΔle®

Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle®
Tubi idraulici TrΔle®

## Superservicio agua caliente 1SC negra

Hot water superservice 1SC black

Superservice eau chaude 1SC noir

Tubo acqua calda 1SC nero TrΔle®




| DN | Referencia<br>Part n° |
|---|---|
| 1/4" | MSC0114N |
| 5/16" | MSC0115N |
| 3/8" | MSC0116N |
| 1/2" | MSC0118N* |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Superservicio agua caliente 2SC negra

Hot water superservice 2SC black

Superservice eau chaude 2SC noir

Tubo acqua calda 2SC nero TrΔle®




| DN | Referencia<br>Part n° |
|---|---|
| 1/4" | MSC0214N |
| 5/16" | MSC0215N |
| 3/8" | MSC0216N |

## Superservicio agua caliente 1SC azul

Hot water superservice 1SC blue

Superservice eau chaude 1SC bleu

Tubo acqua calda 1SC azzurro TrΔle®




| DN | Referencia<br>Part n° |
|---|---|
| 1/4" | MSC0114A |
| 5/16" | MSC0115A |
| 3/8" | MSC0116A |
| 1/2" | MSC0118A |

## Superservicio agua caliente 2SC azul

Hot water superservice 2SC blue

Superservice eau chaude 2SC bleu

Tubo acqua calda 2SC azzurro TrΔle®




| DN | Referencia<br>Part n° |
|---|---|
| 1/4" | MSC0214A |
| 5/16" | MSC0215A |
| 3/8" | MSC0216A |
| 1/2" | MSC0218A |

## Superservicio agua caliente 2ST azul

Hot water superservice 2ST blue

Superservice eau chaude 2ST bleu

Tubo acqua calda 2ST azzurro TrΔle®




| DN | Referencia<br>Part n° |
|---|---|
| 5/16" | MSC0225A |
| 3/8" | MSC0226A |

## Superservicio agua caliente 2SC gris

Hot water superservice 2SC grey

Superservice eau chaude 2SC gris

Tubo acqua calda 2SC grigio TrΔle®




| DN | Referencia<br>Part n° |
|---|---|
| 5/16" | MSC0205G |
| 3/8" | MSC0206G |

# Mangueras hidráulicas TrΔle® SMOOTH

SMOOTH Hydraulic hoses TrΔle®
Tuyaux hydrauliques TrΔle® SMOOTH
Tubi idraulici TrΔle® SMOOTH (lisci)

## Manguera EN 857 2SC TrΔle® SMOOTH

NEW

EN 857 2SC Hose TrΔle® SMOOTH

Tuyau EN 857 2SC TrΔle® SMOOTH

Tubo EN 857 2SC TrΔle® SMOOTH (liscio)




| DN | Referencia Part n° |
|---|---|
| 1/4" | MSS2SC04 |
| 5/16" | MSS2SC05 |
| 3/8" | MSS2SC06 |
| 1/2" | MSS2SC08 |
| 5/8" | MSS2SC10 |
| 3/4" | MSS2SC12 |
| 1" | MSS2SC16 |

## Agua caliente 2 mallas azul TrΔle® SMOOTH

Hot water blue 2 braids TrΔle® SMOOTH

Eau chaude 2 tresses bleu TrΔle® SMOOTH

Tubo acqua calda 2 trecce azzurro TrΔle® SMOOTH (liscio)




| DN | Referencia Part n° |
|---|---|
| 5/16" | MSCL0215A |
| 3/8" | MSCL0216A |

NEW

# CUBIERTA LISA
# SMOOTH COVER

1SN /1SC/ 2SN

Bajo consulta/ On request

**Más fácil de pasar a través de un sistema complejo.**
Smooth cover hose will be easier to route through a complex system.

**Mantiene la misma resistencia al ozono y la abrasión**
Same Ozone & Abrasion resistence

# Mangueras hidráulicas TrΔle® GREENLINE

Hydraulic hoses TrΔle® GREENLINE
Tuyaux hydrauliques TrΔle® GREENLINE
Tubi idraulici TrΔle® GREENLINE

## Manguera EN 853 1SN / SAE 100 R1AT

EN 853 1SN / SAE 100 R1AT Hose

Tuyau EN 853 1SN / SAE 100 R1AT

Tubo EN 853 1SN / SAE 100 R1AT




| DN | Referencia Part n° |
|---|---|
| 1/4" | MW223004 |
| 5/16" | MW223005 |
| 3/8" | MW223006 |
| 1/2" | MW223008 |
| 5/8" | MW223010 |
| 3/4" | MW223012 |
| 1" | MW223016 |
| 1"1/4 | MW223020 |
| 1"1/2 | MW223024 |

## Manguera EN 857 2SC

EN 857 2SC Hose

Tuyau EN 857 2SC

Tubo EN 857 2SC




| DN | Referencia Part n° |
|---|---|
| 1/4" | MW2SC04 |
| 5/16" | MW2SC05 |
| 3/8" | MW2SC06 |
| 1/2" | MW2SC08 |

## Manguera EN 853 2SN / SAE 100 R2AT

EN 853 2SN / SAE 100 R2AT Hose

Tuyau EN 853 2SN / SAE 100 R2AT

Tubo EN 853 2SN / SAE 100 R2AT




| DN | Referencia Part n° |
|---|---|
| 1/4" | MW351104 |
| 5/16" | MW351105 |
| 3/8" | MW351106 |
| 1/2" | MW351108 |
| 5/8" | MW351110 |
| 3/4" | MW351112 |
| 1" | MW351116 |
| 1"1/4 | MW351120 |
| 1"1/2 | MW351124 |

## Superservicio agua caliente 2SC azul

Hot water superservice 2SC blue

Superservice eau chaude 2SC bleu

Tubo acqua calda 2SC azzurro




| DN | Referencia Part n° |
|---|---|
| 5/16" | MWC0215A |
| 3/8" | MWC0216A |

## Manguera EN 856 4SP / SAE 100 R9R-R10

EN 856 4SP / SAE 100 R9R-R10 Hose

Tuyau EN 856 4SP / SAE 100 R9R-R10

Tubo EN 856 4SP / SAE 100 R9R-R10




| DN | Referencia Part n° |
|---|---|
| 3/8" | MW429006 |
| 1/2" | MW429008 |
| 5/8" | MW429010 |

## Manguera EN 856 4SH

EN 856 4SH Hose

Tuyau EN 856 4SH

Tubo EN 856 4SH TrΔle®




| DN | Referencia Part n° |
|---|---|
| 3/4" | MW456912 |
| 1" | MW456916 |
| 1"1/4 | MW456920 |

# Mangueras termoplásticas TrΔle®

Thermoplastic hoses TrΔle®
Tuyaux thermoplastiques TrΔle®
Tubi termoplastici TrΔle®

## SAE 100 R7

SAE 100 R7

SAE 100 R7

Tubo termoplastico SAE 100 R7




| DN | Referencia Part n° |
|---|---|
| 1/8" | MT07002 |
| 3/16" | MT07003 |
| 1/4" | MT07004 |
| 5/16" | MT07005 |
| 3/8" | MT07006 |
| 1/2" | MT07008 |
| 5/8" | MT07010 |
| 3/4" | MT07012 |
| 1" | MT07016 |

## SAE 100 R7 Bitubo

SAE 100 R7 Twin

SAE 100 R7 Jumelé

Tubo termoplastico SAE 100 R7 binato




| DN | Referencia Part n° |
|---|---|
| 3/16" | MT27003 |
| 1/4" | MT27004 |
| 5/16" | MT27005 |
| 3/8" | MT27006 |
| 1/2" | MT27008 |

## SAE 100 R7 no conductiva

SAE 100 R7 non-conductive

SAE 100 R7 non-conducteur

Tubo termoplastico SAE 100 R7 non conduttivo




| DN | Referencia Part n° |
|---|---|
| 3/16" | MT07103 |
| 1/4" | MT07104 |
| 5/16" | MT07105 |
| 3/8" | MT07106 |
| 1/2" | MT07108 |
| 5/8" | MT07110 |
| 3/4" | MT07112 |
| 1" | MT07116 |

## SAE 100 R8

SAE 100 R8

SAE 100 R8

Tubo termoplastico SAE 100 R8




| DN | Referencia Part n° |
|---|---|
| 3/16" | MT08003 |
| 1/4" | MT08004 |
| 5/16" | MT08005 |
| 3/8" | MT08006 |
| 1/2" | MT08008 |
| 5/8" | MT08010 |
| 3/4" | MT08012 |
| 1" | MT08016 |

## SAE 100 R8 Bitubo

SAE 100 R8 Twin

SAE 100 R8 Jumelé

Tubo termoplastico SAE 100 R8 binato




| DN | Referencia Part n° |
|---|---|
| 1/4" | MT28004 |
| 5/16" | MT28005 |
| 3/8" | MT28006 |
| 1/2" | MT28008 |

## SAE 100 R8 no conductiva

SAE 100 R8 non-conductive

SAE 100 R8 non-conducteur

Tubo termoplastico SAE 100 R8 non conduttivo




| DN | Referencia Part n° |
|---|---|
| 1/4" | MT08104 |
| 5/16" | MT08105 |
| 3/8" | MT08106 |
| 1/2" | MT08108 |
| 5/8" | MT08110 |
| 3/4" | MT08112 |
| 1" | MT08116 |

## Micro- Hose

Micro- Hose

Micro- Hose

Micro- Tubo



| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 2 | MT01002 |

# Mangueras termoplásticas TrΔle®

Thermoplastic hoses TrΔle®
Tuyaux thermoplastiques TrΔle®
Tubi termoplastici TrΔle®

## Termoplásticas Push-on

Thermoplastic Push-on

Thermoplastique Push-on

Tubo termoplastico Push-On




| DN | Referencia Part n° |
|---|---|
| 1/4" | MP189004 |
| 3/8" | MP189006 |
| 1/2" | MP189008 |
| 5/8" | MP189010 |
| 3/4" | MP189012 |

**Consultar conexiones PUSH ON pág.101** / *See PUSH ON fittings page 101* / Voir Raccords PUSH ON page 101 / *Vedere Raccordi PUSH ON pag 101*

## Elastómero malla metálica

Steel braid thermoplastic elastomer

Elastomère tresse métallique

Tubo termoplastico treccia metallica




| DN | Referencia Part n° |
|---|---|
| 3/16" | MT09003 |
| 1/4" | MT09004 |
| 5/16" | MT09005 |
| 3/8" | MT09006 |
| 1/2" | MT09008 |
| 5/8" | MT09010 |
| 3/4" | MT09012 |
| 1" | MT09016 |

## Elastómero malla metálica bitubo

Steel braid twin thermoplastic elastomer

Elastomère tresse métallique jumelé

Tubo termoplastico treccia metallica binato




| DN | Referencia Part n° |
|---|---|
| 3/16" | MT29003 |
| 1/4" | MT29004 |
| 5/16" | MT29005 |
| 3/8" | MT29006 |
| 1/2" | MT29008 |

## Elastómero malla metálica pintura

Steel braid thermoplastic elastomer for paint

Elastomère 1 tresse métallique peinture

Tubo termopl. treccia met. per vernici




| DN | Referencia Part n° |
|---|---|
| 3/16" | MT099003 |
| 1/4" | MT099004 |
| 3/8" | MT099006 |
| 1/2" | MT099008 |
| 3/4" | MT099012 |

## Elastómero doble malla metálica pintura

Double steel braid thermoplastic elastomer for paint

Elastomère 2 tresses métalliques peinture

Tubo termopl. doppia treccia met. per vernici




| DN | Referencia Part n° |
|---|---|
| 1/4" | MT299004 |
| 3/8" | MT299006 |
| 1/2" | MT299008 |

## Termoplástica doble malla metálica para productos químicos

Steel braid elastomer for chemical products

Elastomère tresse métallique pour produits chimiques

Tubo termopl. treccia met. per sostanze chimiche




| DN | Referencia Part n° |
|---|---|
| 1/4" | MT096004 |
| 3/8" | MT096006 |
| 1/2" | MT096008 |
| 5/8" | MT096010 |
| 3/4" | MT096012 |
| 1" | MT096016 |

## Manguera termoplástica 700 bar

Thermoplastic hose 700 bar

Tuyau thermoplastique haute pression 700 bar

Tubo termoplastico 700 bar




| DN | Referencia Part n° |
|---|---|
| 1/4" | MT70004 |
| 3/8" | MT70006 |

## Isobárica baja temperatura

Isobaric low temperature

Isobarique basse température

Tubo termopl. isobarico bassa temperatura




| DN | Referencia Part n° |
|---|---|
| 1/4" | MT095004 |
| 3/8" | MT095006 |
| 1/2" | MT095008 |

# Mangueras termoplásticas TrΔle®

Thermoplastic hoses TrΔle®
Tuyaux thermoplastiques TrΔle®
Tubi termoplastici TrΔle®

## Ecology 200

Ecology 200

Ecology 200

Tubo termoplastico Ecology 200




| DN | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|
| 3/4" | 80 | MEC2001280 |
| 3/4" | 120 | MEC20012 |
| 3/4" | 160 | MEC20012160 |
| 1" | 80 | MEC2001680 |
| 1" | 120 | MEC20016 |
| 1" | 160 | MEC20016160 |

## Ecology 250

Ecology 250

Ecology 250

Tubo termoplastico Ecology 250




| DN | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|
| 3/4" | 80 | MEC2501280 |
| 3/4" | 120 | MEC25012 |
| 3/4" | 160 | MEC25012160 |
| 1" | 80 | MEC2501680 |
| 1" | 120 | MEC25016 |
| 1" | 160 | MEC25016160 |
| 1" 1/4 | 80 | MEC2502080 |
| 1" 1/4 | 120 | MEC25020 |
| 1" 1/4 | 160 | MEC25020160 |

## Casquillos para manguera Ecology

Ferrules for Ecology hose

Jupes pour tuyau Ecology

Boccola inox per tubi Ecology



| DN | Referencia Part n° |
|---|---|
| 3/4" | Z212001200 |
| 1" | Z212001600 |
| 1"1/4 | Z212002000 |

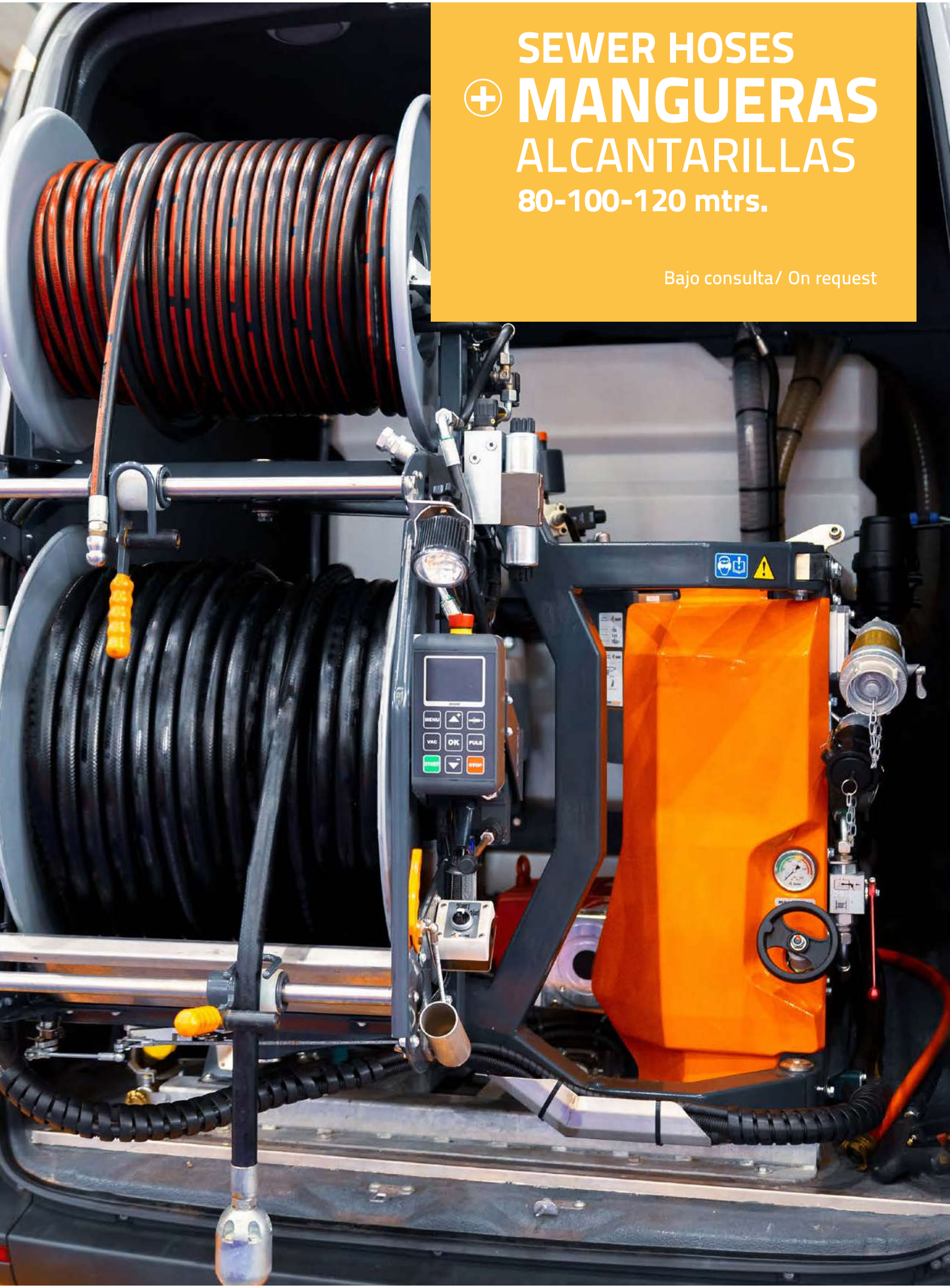
**Acero inoxidable AISI 316-L. Ver precios en Catalogo Inox p.23** */ Stainless steel AISI 316-L.Prices in Stainless Steel Catalogue p.23 /* Acier inoxydable AISI 316-L.Prix dans le Catalogue Acier Inox p.23 */ Acciao inossidabile AISI 316-L. Prezzi in Acciaio Inossidabile p.23*

FLUIDAL, S.L. Pº Ubarburu,79 20.115 Astigarraga (Gipuzkoa) Telf. 943 453 795 - 661 471 123 - www.fluidal.com - fluidal@fluidal.com

# SEWER HOSES
# ⊕ MANGUERAS
# ALCANTARILLAS

**80-100-120 mtrs.**

Bajo consulta/ On request



# Mangueras PTFE TrΔle®

PTFE hoses TrΔle®
Tuyaux PTFE TrΔle®
Tubi PTFE TrΔle®

## PTFE sin malla

PTFE without braid

PTFE sans tresse

Tubo PTFE liscio (senza treccia)



| TUBO PIPE | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|
| 2x4 mm | 25 | M2950204 |
| 4x6 mm | 25 | M2950406 |
| 6x8 mm | 25 | M2950608 |
| 2x4 mm | 100 | M2950204-100 |
| 4x6 mm | 100 | M2950406-100 |
| 6x8 mm | 100 | M2950608-100 |

*Ver precios en página 384 / *See prices page 384 / *Voir les prix page 384 / *Vedere prezzi p. 384

## PTFE Liso 1 malla SAE100 R14

FHL (light) / Smooth PTFE SAE100 R14

FHL (série légère) SAE100 R14

Tubo PTFE liscio con treccia



| DN | Referencia Part n° | € |
|---|---|---|
| 1/8" | M290003 | 13,96 |
| 3/16" | M290005 | 14,92 |
| 1/4" | M290006 | 14,79 |
| 5/16" | M290008 | 19,90 |
| 3/8" | M290009 | 19,90 |
| 1/2" | M290013 | 27,32 |
| 5/8" | M290016 | 39,57 |
| 3/4" | M290020 | 49,00 |
| 1" | M290025 | 79,37 |

## PTFE Liso grueso 2 mallas

FHM 2 Braids

FHM 2 tresses

Tubo PTFE liscio doppia treccia



| DN | Referencia Part n° |
|---|---|
| 1/4" | M2901206 |
| 5/16" | M2901208 |
| 3/8" | M2901209 |
| 1/2" | M2901213 |
| 5/8" | M2901216 |
| 3/4" | M2901219 |
| 1" | M2901225 |

## Mangueras freno con funda transparente

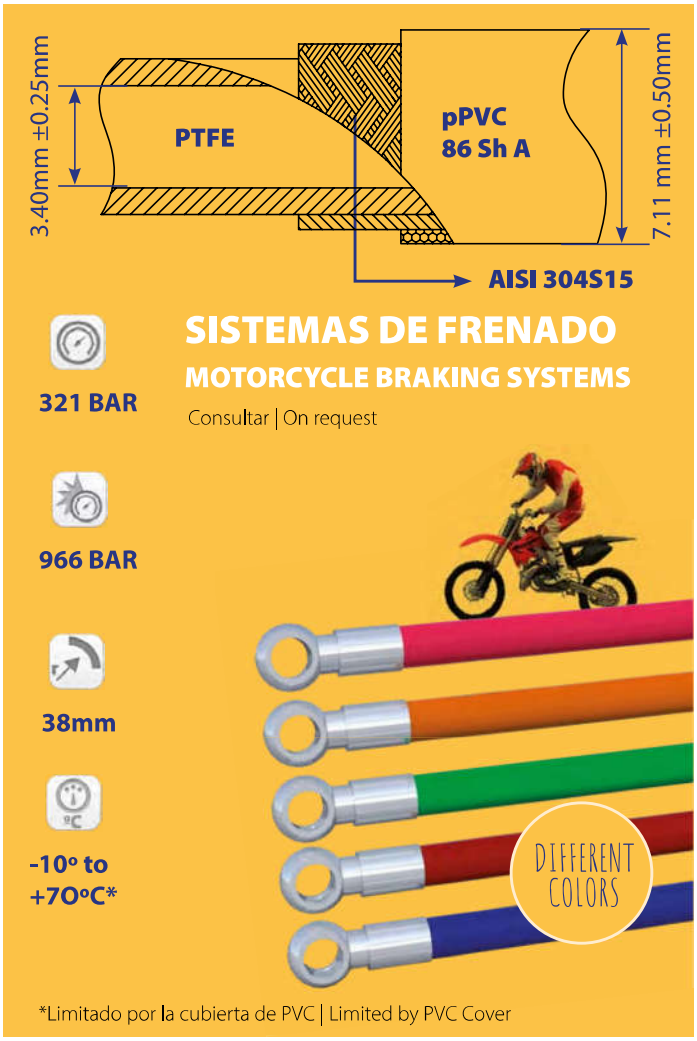
Brake hose with transparent cover

Tuyau de frein avec couvercle transparent

Tubo PTFE freno (copertura trasparente)



| DN | Referencia Part n° |
|---|---|
| 1/8" | M29620301 |



# Mangueras PTFE TrΔle®

PTFE hoses TrΔle®
Tuyaux PTFE TrΔle®
Tubi PTFE TrΔle®

## PTFE corrugado 1 malla

Convoluted PTFE 1 braid

PTFE convoluté 1 tresse

Tubo PTFE corrugato con treccia



| DN | Referencia Part n° |
|---|---|
| 1/4" | M292006 |
| 3/8" | M292009 |
| 1/2" | M292013 |
| 5/8" | M292016 |
| 3/4" | M292020 |
| 1" | M292025 |
| 1" 1/4 | M292032 |
| 1" 1/2 | M292038 |
| 2" | M292050 |

## PTFE corrugado con fibra de vidrio 1 malla

Convoluted PTFE with fiberglass 1 braid

PTFE convoluté avec fibre de verre 1 tresse

Tubo PTFE – fibra di vetro con treccia



| DN | Referencia Part n° |
|---|---|
| 3/8" | M298509 |
| 1/2" | M298513 |
| 3/4" | M298520 |
| 1" | M298525 |
| 1" 1/4 | M298532 |

## PTFE corrugado con fibra de vidrio 1 malla DNV

Convoluted PTFE with fiberglass 1 braid DNV

PTFE convoluté avec fibre de verre 1 tresse DNV

Tubo PTFE – fibra di vetro con treccia DNV



| DN | Referencia Part n° |
|---|---|
| 3/8" | M298009 |
| 1/2" | M298013 |
| 3/4" | M298020 |
| 1" | M298025 |
| 1" 1/4 | M298032 |

## PTFE corrugado anti-estático 1 malla

Anti-static convoluted PTFE 1 braid

PTFE convoluté anti-statique 1 tresse

Tubo PTFE corrugato anti-statico con treccia



| DN | Referencia Part n° |
|---|---|
| 3/8" | M293009 |
| 1/2" | M293013 |
| 3/4" | M293020 |
| 1" | M293025 |

## PTFE Liso PTFLEX

PTFLEX Smooth PTFE

PTFE Lisse PTFLEX

Tubo PTFE liscio PTFLEX



| DN | Referencia Part n° |
|---|---|
| 3/4" | M294020 |
| 1" | M294025 |
| 1"1/4 | M294032 |

*Consultar / On request/ Sur demande / Su richiesta

# Mangueras PTFE TrΔle® GREENLINE

Hydraulic hoses PTFE TrΔle® GREENLINE
Tuyaux hydrauliques PTFE TrΔle® GREENLINE
Tubi PTFE TrΔle® GREENLINE

## PTFE liso 1 malla

FHL (light) / Smooth PTFE

FHL (série légère)

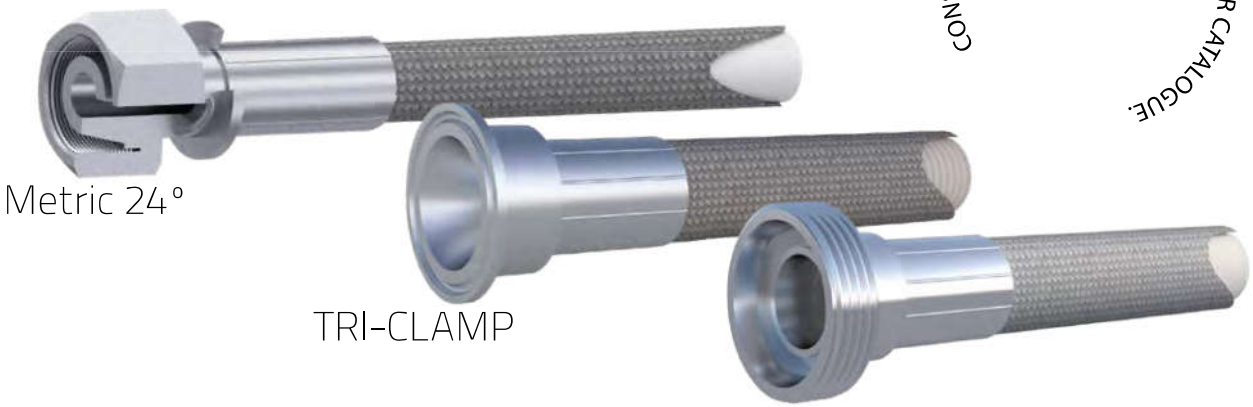
Tubo PTFE liscio con treccia



| DN | Referencia<br>Part n° |
|---|---|
| 1/4" | MW290006 |
| 5/16" | MW290008 |
| 3/8" | MW290009 |
| 1/2" | MW290013 |

## CONEXIONES INOX ESPECIAL PTFE
STAINLESS STEEL PTFE FITTINGS

CONSULTA NUESTRO CATÁLOGO. REQUEST OUR CATALOGUE.



Metric 24°

TRI-CLAMP

SMS-DIN

**Conexiones Serie Standard** 45
Standard series fittings
Embouts série Standard
Raccordi serie Standard

**Conexiones Serie BW+ R13/R15 No Pelar** 66
Fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi serie BW+ R13/R15 senza spellatura

**Conexiones Serie Interlock** 70
Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock

**Conexiones Serie 43 una sola pieza** 79
**1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17**
One piece fittings 43 Series
1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43
1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43
1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

**Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar** 92
One piece fittings BWS SERIES
3SP/4SP/R12/4SH NO SKIVE
Embouts pré-sertis BWS
3SP/4SP/R12/4SH Sans dénuder
Raccordi compatti serie
BWS R12/4SP/4SH Serie BW senza spellatura

**Conexiones una pieza Serie BW+ R13/R15 No Pelar** 98
One piece fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi R13/R15 Serie BW+ senza spellatura

**Conexiones Serie Reusables** 100
Reusable series fittings
Embouts Récuperables
Raccordi serie Recuperabile

**Conexiones PUSH ON** 101
PUSH ON series fittings
Embouts PUSH ON
Raccordi serie PUSH ON

**Conexiones Alta presión (700 Bar)** 102
High pressure 700 Bar fittings
Embouts haute pression 700 Bar
Raccordi altissima pressione (700 Bar)



02

# RACORES PARA TUBERIA FLEXIBLE

Flexible hose fittings

Embouts à sertir

Raccordi per tubi flessibili

# STANDARD SERIES

Serie Standard

TrΔle® TrΔle® GOLD TrΔle® GREENLINE





SAE 100 R6 | EN 854 2TE

DI23



EN 854 3TE | SAE 100 R17 | EN 857 2SC SUPERSERVICE 2SC 155° | EN 853 1SN SAE 100 R1AT 1SNK

DI2212 | SC2112... | SC2112 / DI2212



EN 853 2SN SAE 100 R2AT 2SNK | EXCEED EN 857 2SCK | EN 857 2SC SUPERSERVICE 2SC 155°

DI2212



EN 853 2ST SAE100 R2A | EN 856 4SP SAE 100 R9R | EN 856 R12 SAE 100

DI1224



3SP | EN 856 4SP SAE 100 R9R | EN 856 4SH | EN856 R12 SAE 100 | EN 856 R13 SAE 100 | SAE 100 R15

3/4"-1"

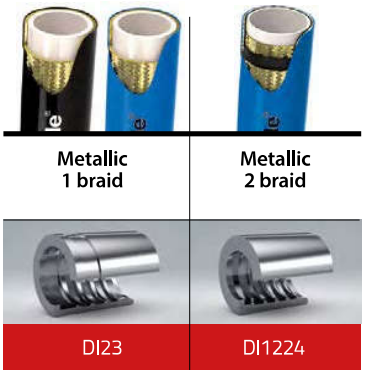
NO PELAR NO SKIVE

DI2224



SAE 100 R7 EN 855 | SAE 100 R8 EN 855

DI23



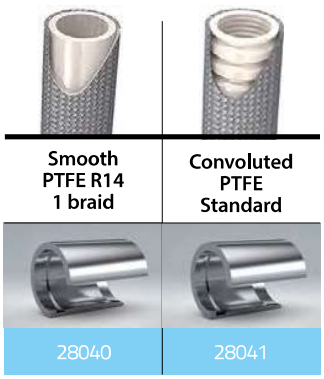
Metallic 1 braid | Metallic 2 braid

DI23 | DI1224



Ecology 200 | Ecology 250

Z2120...



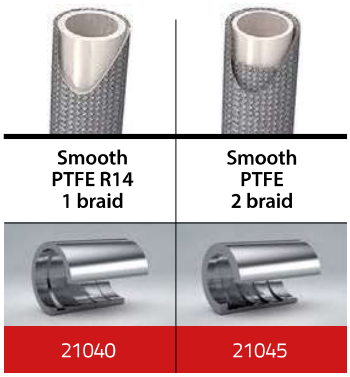
Smooth PTFE R14 1 braid | Convoluted PTFE Standard

28040 | 28041



PTFLEX

21041



Smooth PTFE R14 1 braid | Smooth PTFE 2 braid

21040 | 21045



Standard | Fiberglass | Antistatic

Convoluted PTFE

21041

Datos de tablas de prensado siempre actualizados en nuestra web: www.dicsaes.com / Crimping information always updated on our website: www.dicsaes.com

Consulta nuestras mangueras con cubiertas Gold RockCover / Check our Hoses with Gold RockCover

TrΔle® | TrΔle® GOLD | TrΔle® GREENLINE

## BW+ SERIES NO SKIVE

Serie BW+ no pelar






| EN 856 R13 SAE 100 | SAE 100 R15 |
|---|---|



AC69

1" 1/4-1" 1/2-2"

## INTERLOCK SERIES

Serie Interlock






EN 856 4SH



A61010




| EN 856 R13 SAE 100 | SAE 100 R15 |
|---|---|



A61010
61010...

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

Casquillos para prensar ▪ Crimping ferrules ▪ Jupes à sertir ▪ Boccole a pressare | 45


DI2212


DI2212...R4


DI2300


SC2112


DI1224


DI22240


21040


21045


21041


28040


28041

Conexiones BSP/BSPT ▪ BSP/BSPT Fittings ▪ Embouts BSP/BSPT ▪ Raccordi BSP/BSPT | 47


24100


24400


24107


24108


24110


24117


24118


24110...L


24117...L


24200


24207


24212


JNBRAP


24127


24112


24114


24111


A1090

Conexiones JIC 37° ▪ JIC 37° Fittings ▪ Embouts JIC 37° ▪ Raccordi JIC 37° | 52


24142


24242


24138


24139


24140


24300


24190

Conexiones Métricas DIN 2353/ISO8434-1 ▪ Metric fittings DIN 2353/ISO8434-1 ▪ Embouts Métriques DIN 2353/ISO8434-1 ▪ Raccordi Metrici DIN DIN 2353/ISO8434-1 | 54


24804


24804


24305


24306


24203


24116


S1092


24158


24404


24406


24405

Conexiones NPT/NPSM ▪ NPT/NPSM Fittings ▪ Embouts NPT/NPSM ▪ Raccordi NPT/NPSM | 59


24161


24261

Conexiones Serie Japonesa ▪ Fittings Japanese Serie ▪ Embouts Série Japonaise ▪ Raccordi Serie Giapponese | 59


2580496


25100

Conexiones Métricas Serie Francesa ▪ Metric fittings French Serie ▪ Embouts Métriques Série Française ▪ Raccordi Metrici Serie Francese | 60


24503


2450518

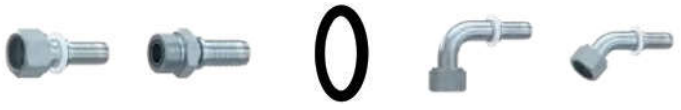

24504


24505

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard


Conexiones ORFS ▪ ORFS Fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 61



44900 44912 JUNTAS 44907 44908

Bridas SAE 3000/6000/9000 PSI ▪ 3000/6000 PSI SAE Flanges ▪ Brides SAE 3000/6000 PSI ▪ Flangia SAE 3000/6000 PSI | 62



24182 24183 24184 24282 24283 24284 44282 44284 44283

Bridas fijación SAE ▪ SAE Flanges ▪ Brides SAE ▪ Flangia SAE | 64



BBP TBSAE JBR BBE JUNTAS

Racores para hidrolavadoras ▪ Karcher fittings ▪ Embouts Karcher ▪ Raccordi per idropulitrici | 65



23040 23060 23061 2307 23062

Conexiones CO2 ▪ CO2 Fittings ▪ Embouts CO2 ▪ Raccordi CO2 | 65



24704 24705

# Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi serie BW+ R13/R15 senza spellatura

Casquillos serie BW/BW+ ▪ Ferrules BW/BW+ series ▪ Jupes à sertir BW/BW+ ▪ Boccole pressare serie BW/BW+ | 66



AC69010

Conexiones BSP ▪ BSP Fittings ▪ Embouts BSP ▪ Raccordi BSP | 66



66117 66118 66112 66510 66517 66518

Conexiones JIC 37° ▪ JIC 37° Fittings ▪ Embouts JIC 37° ▪ Raccordi JIC 37° | 67



66140 66542 66538 66539

Conexiones Métricas DIN 2353 ▪ Metric fittings ▪ Embouts Métriques ▪ Raccordi Metrici | 67



66205 66206

Bridas SAE 3000/6000 PSI ▪ SAE Flanges 3000/6000 PSI ▪ Brides SAE 3000/6000 PSI ▪ Flangia SAE 3000/6000 PSI | 68



66282 66283 66284

Conexiones ORFS ▪ ORFS Fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 68



66901 66907 66908

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock



Casquillos ▪ Crimping ferrules ▪ Jupes ▪ Boccole a pressare | 70


A61010


61010

Conexiones BSP ▪ BSP Fittings ▪ Embouts BSP ▪ Raccordi BSP | 70


64107


64108


64112


64161


64500


64507


64508

Conexiones JIC 37° ▪ JIC 37° Fittings ▪ Embouts JIC 37° ▪ Raccordi JIC 37° | 72


64138


64139


64140


64542


64538


64539

Conexiones Métricas DIN 2353 ▪ Metric fittings DIN 2353 ▪ Embouts Métriques DIN 2353 ▪ Raccordi Metrici DIN 2353 | 73


64204


64206


64205


64203

Racores para martillo ▪ Fittings for hammer ▪ Embouts pour marteau ▪ Raccordi per martello | 73


NAM

Conexiones ORFS ▪ ORFS fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 74


64900


64908


64907

Bridas SAE 3000/6000 PSI ▪ 3000/6000 PSI SAE Flanges ▪ Embouts brides SAE 3000/6000 PSI ▪ Flangia SAE 3000/6000 PSI | 75


64182


64183


64184


64282


64283


64284

Bridas 9000 PSI ▪ 9000 PSI Flanges ▪ Embouts brides 9000 PSI ▪ Flangia 9000 PSI | 76


64382


64384


64383

Bridas Poclain ▪ Poclain flanges ▪ Embouts brides Poclain ▪ Flangia Poclain | 77


64801


44805


44807


64802


44806

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

Casquillos para racores de una sola pieza ▪ Ferrules for one piece fittings ▪ Jupes pour embouts pré-sertis ▪ Boccole per raccordi un pezzo | 79



SC2112 PFC2212 DI2224 DI2300 28040 28041 AC69010

Conexiones una sola pieza JIC 37° ▪ One piece JIC 37° fittings ▪ Embouts pré-sertis JIC 37° ▪ Raccordi un pezzo JIC 37° | 80



28142 28140 28242 28138 28139

Conexiones una sola pieza NPT-NPSM ▪ One piece NPT-NPSM fittings ▪ Embouts pré-sertis NPT-NPSM ▪ Raccordi un pezzo NPT-NPSM | 81



28161 28261

Conexiones una sola pieza ORFS ▪ One piece ORFS fittings ▪ Embouts pré-sertis ORFS ▪ Raccordi un pezzo ORFS | 82



28900 28907 28912 28908

Conexiones una sola pieza Bridas SAE 3000/6000 PSI ▪ One piece SAE Flanges fittings 3000/6000 PSI ▪ Embouts pré-sertis Brides SAE 3000/6000 PSI ▪ Raccordi un pezzo Flange SAE 3000/6000 PSI | 83



28182 28183 28184 28282 28283 28284

Conexiones una sola pieza Bridas SAE 9000 PSI ▪ One piece SAE Flanges fittings 9000 PSI ▪ Embouts pré-sertis Brides SAE 9000 PSI ▪ Raccordi un pezzo Flange SAE 9000 PSI | 84



48282 48283 48284

Conexiones una sola pieza Métricas ▪ One piece Metric fittings ▪ Embouts pré-sertis Métriques ▪ Raccordi un pezzo Metrici | 85



28804 28203 28305 28306 28116 28404 28405 28406 28158 28804



28300

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



Conexiones una sola pieza BSP - BSPT ▪ One piece BSP - BSPT fittings ▪ Embouts pré-sertis BSP - BSPT ▪ Raccordi un pezzo BSP - BSPT




28100


28400


28127


28107


28108


28110


28117


28118


28200


28207


28212


28112


28114


28111

# Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE
Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

Conexiones una sola pieza JIC 37° ▪ One piece JIC 37° fittings ▪ Embouts pré-sertis JIC 37° ▪ Raccordi compatti JIC 37° | 92



58140 58142 58138 58139 58242

Conexiones una sola pieza ORFS ▪ One piece ORFS fittings ▪ Embouts pré-sertis ORFS ▪ Raccordi compatti ORFS | 93



58900 58907 58908 58912

Conexiones una sola pieza NPT-NPSM ▪ One piece NPT-NPSM fittings ▪ Embouts pré-sertis NPT-NPSM ▪ Raccordi compatti NPT-NPSM | 93



58261 58161

Conexiones una sola pieza Bridas SAE ▪ One piece SAE Flanges fittings ▪ Embouts pré-sertis Brides SAE ▪ Raccordi compatti Flange SAE | 94



58182 58183 58184 58282 58283 58284

Conexiones una sola pieza Métricas ▪ One piece Metric fittings ▪ Embouts pré-sertis Métriques ▪ Raccordi compatti Metrici | 95



58804 58305 58306 58203

Conexiones una sola pieza BSP ▪ One piece BSP fittings ▪ Embouts pré-sertis BSP ▪ Raccordi compatti BSP | 96



58110 58117 58118 58112 58400 58200

# Conexiones una pieza Serie BW+ R13/R15 No Pelar

One piece fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi R13/R15 Serie BW+ senza spellatura

Conexiones JIC 37° ▪ JIC 37° fittings ▪ Embouts JIC 37° ▪ Raccordi JIC 37° | 98



69140 69542 69538 69539

Conexiones ORFS ▪ ORFS fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 98



69901 69907 69908

Bridas SAE ▪ SAE Flanges ▪ Brides SAE ▪ Flange SAE | 99



69282 69283 69284

Conexiones BSP ▪ BSP fittings ▪ Embouts BSP ▪ Raccordi BSP | 99



69112 69110 69117 69118

# Conexiones Serie Reusables

Reusable series fittings
Embouts Récuperables
Raccordi serie Recuperabile

Casquillos ▪ Ferrules ▪ Jupes ▪ Boccole recuperabili | 100


A1G-...R1T


A1G-...R2T

Conexiones ▪ Fittings ▪ Embouts ▪ Raccordi recuperabili | 100


A3G


A90G


A2G


AE


A3J

# Conexiones PUSH ON

PUSH ON series fittings
Embouts PUSH ON
Raccordi serie PUSH ON



Conexiones PUSH ON BSP ▪ PUSH ON BSP series fittings ▪ Embouts PUSH ON BSP ▪ Raccordi serie PUSH ON BSP | 101


39100


39112

Conexiones Push-On JIC 37° ▪ PUSH ON JIC 37° series fittings ▪ Embouts PUSH ON JIC 37° ▪ Raccordi serie PUSH ON JIC 37° | 101


39142


39140

Conexiones Push-On NPT ▪ PUSH ON NPT series fittings ▪ Embouts PUSH ON NPT ▪ Raccordi serie PUSH ON NPT | 101


39161

Conexiones Push-On Métricas DIN 2383 ▪ PUSH ON Metrics series fittings ▪ Embouts PUSH ON Métrique ▪ Raccordi serie PUSH ON Metrica | 101


39804


39203

# Conexiones Alta presión (700 Bar)

High pressure 700 Bar fittings
Embouts haute pression 700 Bar
Raccordi altissima pressione (700 Bar)

Casquillos ▪ Ferrules ▪ Jupes à sertir ▪ Boccole | 102




MT700



71012

Conexiones ▪ Fittings ▪ Embouts ▪ Raccordi | 102



74100



74112



74161

TrAle®

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Casquillos R1AT/R2AT/1SN/2SN/2SC/R16/3TE

Ferrules R1AT/R2AT/1SN/2SN/2SC/R16/3TE

Jupes à sertir R1AT/R2AT/1SN/2SN/2SC/R16/3TE

Boccola a pressare R1AT-1SN/R2AT-2SN/2SC/R16/3TE



| DN | Referencia Part n° | € |
|---|---|---|
| 3/16" | DI221200300 | |
| 1/4" | DI221200400 | |
| 5/16" | DI221200501 | |
| 3/8" | DI221200600 | |
| 1/2" | DI221200800 | |
| 5/8" | DI221201000 | |
| 3/4" | DI221201200 | |
| 1" | DI221201600 | |
| 1"1/4 | DI221202000 | |
| 1"1/2 | DI221202400 | |
| 2" | DI221203200 | |
| 2" 1/2 | DI221204000 | |
| 3" | DI221204800 | |

## Casquillos R4

Ferrules R4

Jupes à sertir R4

Boccola a pressare R4



| DN | Referencia Part n° |
|---|---|
| 3/4" | DI221201200R4 |

**Para otros tamaños, consultar tabla de prensado en nuestra web.** */ For other sizes, please check out the crimping table on our website. /* Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web. */ Per altre dimensioni, vedere tabella di pressatura nel ns. sito web*

## Casquillos R6, R7, R8 y malla metálica

Ferrules SAE 100 R6, R7, R8 and steel braid

Jupes à sertir R6, R7, R8 et tresse métallique

Boccola a pressare R6, R7, R8 e treccia metallica



| DN | Referencia Part n° |
|---|---|
| 1/8" | DI2300200 |
| 3/16" | DI2300300 |
| 1/4" | DI2300400 |
| 5/16" | DI2300500 |
| 3/8" | DI2300600 |
| 1/2" | DI2300800 |
| 5/8" | DI2301000 |
| 3/4" | DI2301200 |
| 1" | DI2301600 |

## Casquillos 1SC/1SN/2SC/R6/2TE

Ferrules 1SC/1SN/2SC/R6/2TE

Jupes à sertir 1SC/1SN/2SC/R6/2TE

Boccola a pressare per 1SC/2SC/R1AT-1SN/R6/2TE



| DN | Referencia Part n° |
|---|---|
| 1/4" | SC21120400 |
| 5/16" | SC21120500 |
| 3/8" | SC21120600 |
| 1/2" | SC21120800 |
| 5/8" | SC21121000 |
| 3/4" | SC21121200 |
| 1" | SC21121600 |

## Casquillos R2A/R9R/2ST/4SP

Ferrules R2A/R9R/2ST/4SP

Jupes à sertir R2A/R9R/2ST/4SP

Boccola a pressare R9R-4SP/R2A-2ST



| DN | Referencia Part n° |
|---|---|
| 1/4" | DI122400400 |
| 5/16" | DI122400500 |
| 3/8" | DI122400600 |
| 1/2" | DI122400800 |
| 5/8" | DI122401000 |
| 3/4" | DI122401200 |
| 1" | DI122401600 |
| 1"1/4 | DI122402000 |
| 1"1/2 | DI122402400 |
| 2" | DI122403200 |

## Casquillos R12/3SP/4SP/4SH no pelar

Ferrules R12/3SP/4SP/4SH non skive

Jupes à sertir R12/3SP/4SP/4SH sans dénudage

Boccola a pressare 4SP/4SH/R12/3SP senza spellatura



| DN | Referencia Part n° |
|---|---|
| 3/8" | DI222400600 |
| 1/2" | DI222400800 |
| 5/8" | DI222401000 |
| 3/4" | DI222401200 |
| 1" | DI222401600 |
| 1" 1/4 | DI222402000 |
| 1" 1/2 | DI222402400 |
| 2" | DI222403200 |

**CASQUILLO**: Reduce costes y tiempo de montaje

**FERRULES**: *Simplify assembly and save money*




Consulta en nuestra ficha técnica datos | Check our technical sheet for data

**NO PELAR | NO SKIVING**
**3SP | 4SP | R12 | 4SH**
**ESPIGA STANDARD | STANDARD SERIES**

+



DI2224...

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Casquillos PTFE Liso alta presión SAE 100 R14

Ferrules for Smooth PTFE SAE 100 R14

Jupes à sertir pour PTFE Lisse haute pression SAE 100 R14

Boccola tubo PTFE liscio SAE 100 R14



| DN | Referencia Part n° |
|---|---|
| 1/8" | 210400100 |
| 3/16" | 210400300 |
| 1/4" | 210400400 |
| 5/16" | 210400500 |
| 3/8" | 210400600 |
| 1/2" | 210400800 |
| 5/8" | 210401000 |
| 3/4" | 210401200 |
| 1" | 210401600 |

## Casquillos PTFE liso doble malla alta presión

Ferrules for Smooth PTFE high pressure hose with two braids

Jupes à sertir pour PTFE Lisse double tresse haute pression

Boccola tubo PTFE liscio doppia treccia



| DN | Referencia Part n° |
|---|---|
| 1/4" | 210450400 |
| 3/8" | 210450600 |

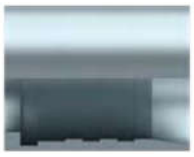
**Para otros tamaños, consultar tabla de prensado en nuestra web.** / *For other sizes, please check out the crimping table on our website.* / Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web. / *Per altre dimensioni, vedere tabella di pressatura nel ns. sito web*

## Casquillos PTFE Corrugado alta presión

Ferrules for Convoluted PTFE

Jupes à sertir PTFE Convoluté haute pression

Boccola tubo PTFE corrugato



| DN | Referencia Part n° |
|---|---|
| 1/4" | 210410400 |
| 3/8" | 210410600 |
| 1/2" | 210410800 |
| 5/8" | 210411000 |
| 3/4" | 210411201 |
| 1" | 210411600 |
| 1"1/4 | 210412001 |
| 1" 1/2 | 210412400 |
| 2" | 210413200 |

## Casquillos PTFE Liso alta presión SAE 100 R14 perfil liso

Ferrules for Smooth PTFE SAE 100 R14 smooth surface

Jupes à sertir pour PTFE Lisse haute pression SAE 100 R14 surface lisse

Boccola tubo PTFE liscio SAE 100 R14 con interno liscio



| DN | Referencia Part n° |
|---|---|
| 1/4" | 280400400 |
| 5/16" | 280400500 |
| 3/8" | 280400600 |
| 1/2" | 280400800 |
| 5/8" | 280401000 |

## Casquillos PTFE Corrugado alta presión perfil liso

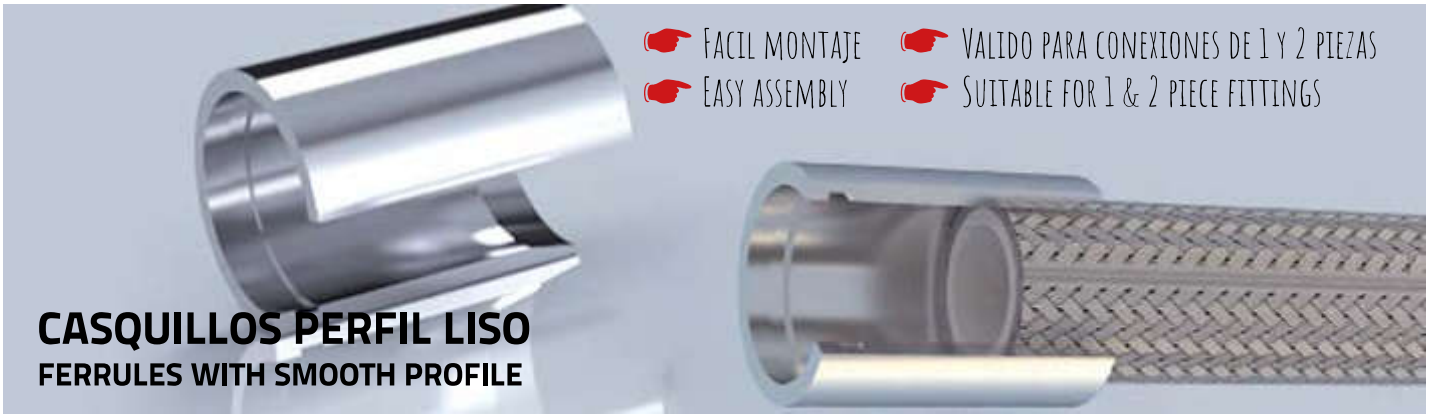
Ferrules for Convoluted PTFE smooth surface

Jupes à sertir PTFE Convoluté haute pression surface lisse

Boccola tubo PTFE corrugato con interno liscio



| DN | Referencia Part n° |
|---|---|
| 1/4" | 280410400 |
| 3/8" | 280410600 |
| 1/2" | 280410800 |
| 5/8" | 280411000 |
| 3/4" | 280411200 |



TrAle®

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Hembras giratorias rectas BSP cono 60°

BSP Swivel female 60° cone

Femelle tournante gaz cyl BSP 60°

Femmina diritta BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" BSP | **241000202** |
| 3/16" | 1/8" BSP | **241000203** |
| 1/4" | 1/8" BSP | **241000204** |
| 3/16" | 1/4" BSP | **241000403** |
| 1/4" | 1/4" BSP | **241000404** |
| 5/16" | 1/4" BSP | **241000405** |
| 3/8" | 1/4" BSP | **241000406** |
| 1/4" | 3/8" BSP | **241000604** |
| 5/16" | 3/8" BSP | **241000605** |
| 3/8" | 3/8" BSP | **241000606** |
| 1/2" | 3/8" BSP | **241000608** |
| 1/4" | 1/2" BSP | **241000804** |
| 3/8" | 1/2" BSP | **241000806** |
| 1/2" | 1/2" BSP | **241000808** |
| 5/8" | 1/2" BSP | **241000810** |
| 1/2" | 5/8" BSP | **241001008** |
| 5/8" | 5/8" BSP | **241001010** |
| 1/2" | 3/4" BSP | **241001208** |
| 5/8" | 3/4" BSP | **241001210** |
| 3/4" | 3/4" BSP | **241001212** |
| 3/4" | 1" BSP | **241001612** |
| 1" | 1" BSP | **241001616** |
| 2" | 2"1/2 BSP | **241004032** |
| 2"1/2 | 2" 1/2 BSP | **241004040** |
| 3" | 3" BSP | **241004848** |

**Para medidas de 1" 1/4, 1" 1/2 y 2" ver con junta** / *For sizes of 1" 1/4, 1" 1/2 y 2" see with o'ring* / Pour les dimensions de 1"1/4, 1" 1/2 y 2" voir avec o'ring / *Per quelli di 1" 1/4, 1" 1/2 y 2" vedere con o'ring*

## Hembras giratorias BSP 60° doble hexagono

BSP Swivel female 60° cone double hex.

Femelle tournante BSP cône 60° double hexagonal

Femmina diritta BSP sede 60° doppio esagono



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **244000404** |
| 5/16" | 3/8" BSP | **244000605** |
| 3/8" | 3/8" BSP | **244000606** |
| 1/2" | 1/2" BSP | **244000808** |
| 3/4" | 3/4" BSP | **244001212** |
| 1" | 1" BSP | **244001616** |
| 1"1/4 | 1"1/4 BSP | **244002020** |
| 1"1/2 | 1"1/2 BSP | **244002424** |
| 2" | 2" BSP | **244003232** |

## Hembras giratorias 90° BSP cono 60°

BSP Swivel female 60° cone (90° Elbow)

Coude 90° femelle tournante gaz cyl BSP 60°

Femmina a 90° BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/16" | 1/8" BSP | **241070203** |
| 1/4" | 1/8" BSP | **241070204** |
| 3/16" | 1/4" BSP | **241070403** |
| 1/4" | 1/4" BSP | **241070404** |
| 1/4" | 3/8" BSP | **241070604** |
| 5/16" | 3/8" BSP | **241070605** |
| 3/8" | 3/8" BSP | **241070606** |
| 1/4" | 1/2" BSP | **241070804** |
| 3/8" | 1/2" BSP | **241070806** |
| 1/2" | 1/2" BSP | **241070808** |
| 1/2" | 5/8" BSP | **241071008** |
| 5/8" | 5/8" BSP | **241071010** |
| 1/2" | 3/4" BSP | **241071208** |
| 5/8" | 3/4" BSP | **241071210** |
| 3/4" | 3/4" BSP | **241071212** |
| 3/4" | 1" BSP | **241071612** |
| 1" | 1" BSP | **241071616** |

**Para aquellas mayores de 1" ver con junta** / *For those bigger than 1" see with o'ring* / Pour ceux plus grand que 1" voir avec o'ring / *Per quelli più grandi di 1" vedere con o'ring*

## Hembras giratorias 45° BSP cono 60°

BSP Swivel female 60° cone (45° Elbow)

Coude 45° femelle tournante gaz cyl BSP 60°

Femmina a 45° BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/16" | 1/8" BSP | **241080203** |
| 1/4" | 1/8" BSP | **241080204** |
| 3/16" | 1/4" BSP | **241080403** |
| 1/4" | 1/4" BSP | **241080404** |
| 1/4" | 3/8" BSP | **241080604** |
| 5/16 | 3/8" BSP | **241080605** |
| 3/8" | 3/8" BSP | **241080606** |
| 3/8" | 1/2" BSP | **241080806** |
| 1/2" | 1/2" BSP | **241080808** |
| 1/2" | 5/8" BSP | **241081008** |
| 5/8" | 5/8" BSP | **241081010** |
| 5/8" | 3/4" BSP | **241081210** |
| 3/4" | 3/4" BSP | **241081212** |
| 3/4" | 1" BSP | **241081612** |
| 1" | 1" BSP | **241081616** |

**Para aquellas mayores de 1" ver con junta** / *For those bigger than 1" see with o'ring* / Pour ceux plus grand que 1" voir avec o'ring / *Per quelli più grandi di 1" vedere con o'ring*

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Hembras giratorias rectas BSP cono 60° con junta tórica

BSP Swivel female 60° with o´ring

Femelle tournante droit gaz cyl BSP 60° + o'ring

Femmina diritta BSP sede 60° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **241100404** |
| 3/8" | 3/8" BSP | **241100606** |
| 1/2" | 1/2" BSP | **241100808** |
| 5/8" | 5/8" BSP | **241101010** |
| 5/8" | 3/4" BSP | **241101210** |
| 3/4" | 3/4" BSP | **241101212** |
| 1" | 1" BSP | **241101616** |
| 1" | 1"1/4 BSP | **241102016** |
| 1"1/4 | 1"1/4 BSP | **241102020** |
| 1" 1/4 | 1" 1/2 BSP | **241102420** |
| 1"1/2 | 1"1/2 BSP | **241102424** |
| 1"1/2 | 2" BSP | **241103224** |
| 2" | 2" BSP | **241103232** |

## Hembras giratorias 90° BSP cono 60° con junta tórica

BSP Swivel female 60° cone with o'ring (90° Elbow)

Coude 90° femelle tournante gaz cyl BSP 60° + o'ring

Femmina a 90° BSP sede 60° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **241170404** |
| 3/8" | 3/8" BSP | **241170606** |
| 1/2" | 1/2" BSP | **241170808** |
| 5/8" | 5/8" BSP | **241171010** |
| 3/4" | 3/4" BSP | **241171212** |
| 1" | 1" BSP | **241171616** |
| 1" | 1"1/4 BSP | **241172016** |
| 1"1/4 | 1"1/4 BSP | **241172020** |
| 1"1/4 | 1"1/2 BSP | **241172420** |
| 1"1/2 | 1"1/2 BSP | **241172424** |
| 2" | 2" BSP | **241173232** |

## Hembras giratorias 45° BSP cono 60° con junta tórica

BSP Swivel female 60° cone with o'ring (45° Elbow)

Coude 45° femelle tournante gaz cyl BSP 60° + o'ring

Femmina a 45° BSP sede 60° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" BSP | **241180606** |
| 1/2" | 1/2" BSP | **241180808** |
| 5/8" | 5/8" BSP | **241181010** |
| 3/4" | 3/4" BSP | **241181212** |
| 1" | 1" BSP | **241181616** |
| 1"1/4 | 1"1/4 BSP | **241182020** |
| 1"1/2 | 1"1/2 BSP | **241182424** |
| 2" | 2" BSP | **241183232** |

## Hembras giratorias rectas BSP cono 60° con junta tórica tuerca libre

BSP Swivel female 60° with o´ring, loose nut

Femelle tournante droite gaz cyl BSP 60°+ o'ring, écrou libre

Femmina diritta BSP 60° con o'ring (dado libero)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **241100404L** |
| 3/8" | 3/8" BSP | **241100606L** |
| 1/2" | 1/2" BSP | **241100808L** |

## Hembras giratorias 90° BSP cono 60° con junta tórica tuerca libre

BSP Swivel female 60° with o´ring, loose nut (90° Elbow)

Coude 90° femelle tournante gaz cyl BSP 60°+ o'ring, écrou libre

Femmina 90° BSP 60° con o'ring (dado libero)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **241170404L** |
| 3/8" | 3/8" BSP | **241170606L** |
| 1/2" | 1/2" BSP | **241170808L** |

TrAle®

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Hembras giratorias rectas BSP asiento plano

BSP Swivel female flat seat

Femelle tournante fond plat BSP

Femmina diritta BSP sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **242000404** |
| 5/16" | 3/8" BSP | **242000605** |
| 3/8" | 3/8" BSP | **242000606** |
| 3/8" | 1/2" BSP | **242000806** |
| 1/2" | 1/2" BSP | **242000808** |
| 1/2" | 3/4" BSP | **242001208** |
| 3/4" | 3/4" BSP | **242001212** |
| 1" | 1" BSP | **242001616** |
| 1" 1/4 | 1" 1/4 BSP | **242002020** |
| 1" 1/2 | 1" 1/2 BSP | **242002424** |

## Hembras giratorias 90° BSP asiento plano

BSP Swivel female flat seat (90° Elbow)

Embout à sertir coude 90° femelle tournante fond plat BSP

Femmina a 90° BSP sede 60° sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **242070404** |
| 3/8" | 3/8" BSP | **242070606** |
| 1/2" | 1/2" BSP | **242070808** |
| 3/4" | 3/4" BSP | **242071212** |
| 1" | 1" BSP | **242071616** |

## Macho rosca cilíndrica BSP asiento plano

BSP Male flat seat

Mâle fixe gaz cyl fond plat

Maschio BSP cilindrico sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **242120404** |
| 3/8" | 3/8" BSP | **242120606** |
| 3/8" | 1/2" BSP | **242120806** |
| 1/2" | 1/2" BSP | **242120808** |
| 3/4" | 3/4" BSP | **242121212** |
| 1" | 1" BSP | **242121616** |

## Juntas asiento plano BSP

NEW

BSP flat seat gaskets

Joints à siège plat BSP

Guarnizione per femmina sede piana BSP



| ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 10,5x5x2 | **JNBRAP04** |
| 3/8" BSP | 14,5x8x2 | **JNBRAP06** |
| 1/2" BSP | 18x11x2 | **JNBRAP08** |
| 3/4" BSP | 24x13x2 | **JNBRAP12** |
| 1" BSP | 29,5x20x2,5 | **JNBRAP16** |
| 1" 1/4 BSP | 38x29x2,5 | **JNBRAP20** |
| 1" 1/2 BSP | 44x30x2,5 | **JNBRAP24** |
| 2" BSP | 56x46x2,5 | **JNBRAP32** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Hembras giratorias 90° BSP cono 60° (forja)

BSP Swivel female 60° cone forge (90° Elbow)

Coude 90° femelle tournante forge gaz cyl BSP 60°

Femmina compatta 90° BSP 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **241270404** |
| 5/16" | 3/8" BSP | **241270605** |
| 3/8" | 3/8" BSP | **241270606** |
| 3/8" | 1/2" BSP | **241270806** |
| 1/2" | 1/2" BSP | **241270808** |
| 5/8" | 3/4" BSP | **241271210** |
| 3/4" | 3/4" BSP | **241271212** |

## Macho rosca cilíndrica BSP cono 60°

BSP Male parallel 60° cone

Mâle fixe gaz cyl BSP 60°

Maschio cilindrico BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/16" | 1/8" BSP | **241120203** |
| 1/4" | 1/8" BSP | **241120204** |
| 1/8" | 1/4" BSP | **241120402** |
| 3/16" | 1/4" BSP | **241120403** |
| 1/4" | 1/4" BSP | **241120404** |
| 3/8" | 1/4" BSP | **241120406** |
| 1/4" | 3/8" BSP | **241120604** |
| 5/16" | 3/8" BSP | **241120605** |
| 3/8" | 3/8" BSP | **241120606** |
| 1/2" | 3/8" BSP | **241120608** |
| 1/4" | 1/2" BSP | **241120804** |
| 3/8" | 1/2" BSP | **241120806** |
| 1/2" | 1/2" BSP | **241120808** |
| 1/2" | 5/8" BSP | **241121008** |
| 5/8" | 5/8" BSP | **241121010** |
| 1/2" | 3/4" BSP | **241121208** |
| 5/8" | 3/4" BSP | **241121210** |
| 3/4" | 3/4" BSP | **241121212** |
| 3/4" | 1" BSP | **241121612** |
| 1" | 1" BSP | **241121616** |
| 1" | 1"1/4 BSP | **241122016** |
| 1"1/4 | 1"1/4 BSP | **241122020** |
| 1"1/2 | 1"1/2 BSP | **241122424** |
| 2" | 2" BSP | **241123232** |

## Macho rosca cónica BSPT

BSPT Male tapered

Mâle fixe gaz conique BSPT

Maschio conico BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/16" | 1/8" BSPT | **241140203** |
| 1/4" | 1/8" BSPT | **241140204** |
| 1/4" | 1/4" BSPT | **241140404** |
| 1/4" | 3/8" BSPT | **241140604** |
| 5/16" | 3/8" BSPT | **241140605** |
| 3/8" | 3/8" BSPT | **241140606** |
| 3/8" | 1/2" BSP | **241140806** |
| 1/2" | 1/2" BSPT | **241140808** |
| 5/8" | 3/4" BSPT | **241141210** |
| 3/4" | 3/4" BSPT | **241141212** |
| 3/4" | 1" BSPT | **241141612** |
| 1" | 1" BSPT | **241141616** |
| 1" | 1"1/4 BSPT | **241142016** |
| 1" 1/4 | 1"1/4 BSPT | **241142020** |
| 1" 1/2 | 1" 1/2 BSPT | **241142424** |
| 2" | 2" BSPT | **241143232** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Orientable BSP

Banjo BSP

Embout Banjo droit gaz

Raccordo ad occhio BSP



| DN | Ø | Referencia<br>Part n° |
|---|---|---|
| 3/16" | 1/4" BSP | **241110403** |
| 1/4" | 1/4" BSP | **241110404** |
| 5/16" | 1/4" BSP | **241110405** |
| 3/8" | 1/4" BSP | **241110406** |
| 1/4" | 3/8" BSP | **241110604** |
| 5/16" | 3/8" BSP | **241110605** |
| 3/8" | 3/8" BSP | **241110606** |
| 1/2" | 3/8" BSP | **241110608** |
| 3/8" | 1/2" BSP | **241110806** |
| 1/2" | 1/2" BSP | **241110808** |
| 5/8" | 5/8" BSP | **241111010** |
| 1/2" | 3/4" BSP | **241111208** |
| 5/8" | 3/4" BSP | **241111210** |
| 3/4" | 3/4" BSP | **241111212** |
| 1" | 1" BSP | **241111616** |

## Tornillo orientable simple BSP

BSP bolt for Banjo

Vis creuse simple pour banjo filetage gaz BSP

Bullone forato BSP



| ROSCA<br>THREAD | Referencia<br>Part n° | * |
|---|---|---|
| 1/8" BSP | **A109002** | |
| 1/4" BSP | **A109004** | |
| 3/8" BSP | **A109006** | |
| 1/2" BSP | **A109008** | |
| 5/8" BSP | **A109010** | |
| 3/4" BSP | **A109012** | |
| 1" BSP | **A109016** | |
| 1"1/4 BSP | **A109020** | |

***Ver precios en p296 (ADAPTADORES BSP)** / **See prices in p.296 (BSP ADAPTORS)* / *Prix à la p.296 ADAPTEURS BSP) / **Vedere prezzi p.296 (ADATTATORI BSP)*

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Hembras giratorias rectas JIC 37°

JIC Swivel female 37° cone

Femelle tournante droite JIC cône 37°

Femmina diritta JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/16" | 7/16" 20h UNF | **241420703** |
| 1/4" | 7/16" 20h UNF | **241420704** |
| 1/4" | 1/2" 20h UNF | **241420804** |
| 5/16" | 1/2" 20h UNF | **241420805** |
| 1/4" | 9/16" 18h UNF | **241420904** |
| 5/16" | 9/16" 18h UNF | **241420905** |
| 3/8" | 9/16" 18h UNF | **241420906** |
| 3/8" | 5/8" 18h UNF | **241421006** |
| 5/16" | 3/4" 16h UNF | **241421205** |
| 3/8" | 3/4" 16h UNF | **241421206** |
| 1/2" | 3/4" 16h UNF | **241421208** |
| 3/8" | 7/8" 14h UNF | **241421406** |
| 1/2" | 7/8" 14h UNF | **241421408** |
| 5/8" | 7/8" 14h UNF | **241421410** |
| 1/2" | 1"1/16 12h UNF | **241421708** |
| 5/8" | 1"1/16 12h UNF | **241421710** |
| 3/4" | 1"1/16 12h UNF | **241421712** |
| 1" | 1"1/16 12h UNF | **241421716** |
| 3/4" | 1"5/16 12h UNF | **241422112** |
| 1" | 1"5/16 12h UNF | **241422116** |
| 1" | 1"5/8 12h UNF | **241422616** |
| 1"1/4 | 1"5/8 12h UNF | **241422620** |
| 1"1/4 | 1"7/8 12h UNF | **241423020** |
| 1"1/2 | 1"7/8 12h UNF | **241423024** |
| 2" | 2"1/2 12h UNF | **241424032** |

## Hembras giratorias rectas JIC 37° doble hexagono

JIC swivel female 37° cone double hex.

Femelle JIC 37° double hexagonal

Femmina diritta JIC 37° doppio esagono



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **242420704** |
| 1/4" | 1/2" 20h UNF | **242420804** |
| 5/16" | 9/16" 18h UNF | **242420905** |
| 3/8" | 9/16" 18h UNF | **242420906** |
| 3/8" | 3/4" 16h UNF | **242421206** |
| 1/2" | 3/4" 16h UNF | **242421208** |
| 1/2" | 7/8" 14h UNF | **242421408** |
| 3/4" | 1"1/16 12h UN | **242421712** |
| 1" | 1"5/16 12h UN | **242422116** |
| 1"1/4 | 1"5/8 12h UN | **242422620** |
| 1"1/2 | 1"7/8 12h UN | **242423024** |
| 2" | 2"1/2 12h UN | **242424032** |

## Hembras giratorias 90° JIC 37°

JIC Swivel female 37° cone (90° Elbow)

Coude 90° femelle tournante cône JIC 37°

Femmina a 90° JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/16" | 7/16" 20h UNF | **241380703** |
| 1/4" | 7/16" 20h UNF | **241380704** |
| 1/4" | 1/2" 20h UNF | **241380804** |
| 1/4" | 9/16" 18h UNF | **241380904** |
| 5/16" | 9/16" 18h UNF | **241380905** |
| 3/8" | 9/16" 18h UNF | **241380906** |
| 3/8" | 5/8" 18h UNF | **241381006** |
| 3/8" | 3/4" 16h UNF | **241381206** |
| 1/2" | 3/4" 16h UNF | **241381208** |
| 3/8" | 7/8" 14h UNF | **241381406** |
| 1/2" | 7/8" 14h UNF | **241381408** |
| 5/8" | 7/8" 14h UNF | **241381410** |
| 1/2" | 1"1/16 12h UNF | **241381708** |
| 5/8" | 1"1/16 12h UNF | **241381710** |
| 3/4" | 1"1/16 12h UNF | **241381712** |
| 3/4" | 1"5/16 12h UNF | **241382112** |
| 1" | 1"5/16 12h UNF | **241382116** |
| 1" | 1"5/8 12h UNF | **241382616** |
| 1"1/4 | 1"5/8 12h UNF | **241382620** |
| 1"1/4 | 1"7/8 12h UNF | **241383020** |
| 1"1/2 | 1"7/8 12h UNF | **241383024** |
| 2" | 2"1/2 12h UNF | **241384032** |

## Hembras giratorias 45° JIC 37°

JIC swivel female 37° cone (45° Elbow)

Coude 45° femelle tournante cône JIC 37°

Femmina a 45° JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **241390704** |
| 1/4" | 1/2" 20h UNF | **241390804** |
| 1/4" | 9/16" 18h UNF | **241390904** |
| 5/16" | 9/16" 18h UNF | **241390905** |
| 3/8" | 9/16" 18h UNF | **241390906** |
| 3/8" | 3/4" 16h UNF | **241391206** |
| 1/2" | 3/4" 16h UNF | **241391208** |
| 1/2" | 7/8" 14h UNF | **241391408** |
| 5/8" | 7/8" 14h UNF | **241391410** |
| 1/2" | 1"1/16 12h UNF | **241391708** |
| 5/8" | 1"1/16 12h UNF | **241391710** |
| 3/4" | 1"1/16 12h UNF | **241391712** |
| 3/4" | 1"5/16 12h UNF | **241392112** |
| 1" | 1"5/16 12h UNF | **241392116** |
| 1" | 1"5/8 12h UNF | **241392616** |
| 1"1/4 | 1"5/8 12h UNF | **241392620** |
| 1"1/4 | 1"7/8 12h UNF | **241393020** |
| 1"1/2 | 1"7/8 12h UNF | **241393024** |
| 2" | 2"1/2 12h UNF | **241394032** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Macho JIC 37°

Male JIC 37° cone

Mâle fixe JIC cône 37°

Maschio JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **241400704** |
| 1/4" | 1/2" 20h UNF | **241400804** |
| 5/16" | 1/2" 20h UNF | **241400805** |
| 1/4" | 9/16" 18h UNF | **241400904** |
| 5/16" | 9/16" 18h UNF | **241400905** |
| 3/8" | 9/16" 18h UNF | **241400906** |
| 3/8" | 3/4" 16h UNF | **241401206** |
| 1/2" | 3/4" 16h UNF | **241401208** |
| 3/8" | 7/8" 14h UNF | **241401406** |
| 1/2" | 7/8" 14h UNF | **241401408** |
| 5/8" | 7/8" 14h UNF | **241401410** |
| 1/2" | 1"1/16 12h UNF | **241401708** |
| 5/8" | 1"1/16 12h UNF | **241401710** |
| 3/4" | 1"1/16 12h UNF | **241401712** |
| 3/4" | 1"5/16 12h UNF | **241402112** |
| 1" | 1"5/16 12h UNF | **241402116** |
| 1" | 1"5/8 12h UNF | **241402616** |
| 1"1/4 | 1"5/8 12h UNF | **241402620** |
| 1"1/4 | 1"7/8 12h UNF | **241403020** |
| 1"1/2 | 1"7/8 12h UNF | **241403024** |
| 2" | 2"1/2 12h UNF | **241404032** |

## Espigas de prensar dobles

Double hose tail for crimping

Embout double jonction

Giunzione tubo-tubo



| DN | Referencia Part n° |
|---|---|
| 1/4" | **243000404** |
| 5/16" | **243000505** |
| 5/16" -- 3/8" | **243000506** |
| 3/8" | **243000606** |
| 1/2" | **243000808** |
| 3/4" | **243001212** |
| 1" | **243001616** |

## Machos Stecko

Stecko male connections

Mâle fixe Stecko

Maschio Stecko



| DN | STECKO | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" | **241900404** |
| 3/8" | 3/8" | **241900606** |
| 1/2" | 1/2" | **241900808** |
| 3/4" | 3/4" | **241901212** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Hembras giratorias Métricas cono 24° (L) con junta

Metric swivel female 24° (L) cone with o'ring

Femelle tournante droite Métrique (L) cône 24° + o'ring

Femmina diritta metrica sede 24° + O'ring - serie leggera L



| DN | TUBO PIPE | ROSCA THREAD | SERIE SERIES | Referencia Part n° |
|---|---|---|---|---|
| 3/16" | 6 | 12X1,5 | L | **24804120603** |
| 1/4" | 6 | 12X1,5 | L | **24804120604** |
| 1/4" | 8 | 14X1,5 | L | **24804140804** |
| 5/16" | 8 | 14x1.5 | L | **24804140805** |
| 3/8" | 8 | 14x1.5 | L | **24804140806** |
| 1/4" | 10 | 16X1,5 | L | **24804161004** |
| 5/16" | 10 | 16X1,5 | L | **24804161005** |
| 3/8" | 10 | 16X1,5 | L | **24804161006** |
| 1/4" | 12 | 18X1,5 | L | **24804181204** |
| 5/16" | 12 | 18X1,5 | L | **24804181205** |
| 3/8" | 12 | 18X1,5 | L | **24804181206** |
| 1/2" | 12 | 18x1.5 | L | **24804181208** |
| 1/4" | 15 | 22x1.5 | L | **24804221504** |
| 5/16" | 15 | 22x1.5 | L | **24804221505** |
| 3/8" | 15 | 22X1,5 | L | **24804221506** |
| 1/2" | 15 | 22X1,5 | L | **24804221508** |
| 3/8" | 18 | 26x1.5 | L | **24804261806** |
| 1/2" | 18 | 26X1,5 | L | **24804261808** |
| 5/8" | 18 | 26X1,5 | L | **24804261810** |
| 3/4" | 18 | 26x1.5 | L | **24804261812** |
| 1/2" | 22 | 30x2 | L | **24804302208** |
| 5/8" | 22 | 30x2 | L | **24804302210** |
| 3/4" | 22 | 30X2 | L | **24804302212** |
| 3/4" | 28 | 36x2 | L | **24804362812** |
| 1" | 28 | 36X2 | L | **24804362816** |
| 1" | 35 | 45x2 | L | **24804453516** |
| 1"1/4 | 35 | 45X2 | L | **24804453520** |
| 1" 1/4 | 42 | 52X2 | L | **24804524220** |
| 1"1/2 | 42 | 52X2 | L | **24804524224** |
| 2" | 42 | 52x2 | L | **24804524232** |

## Hembras giratorias Métricas cono 24° (S) con junta

Metric swivel female 24° (S) cone with o'ring

Femelle tournante droite Métrique (L) cône 24° + o'ring

Femmina diritta metrica sede 24° + O'ring - serie pesante S



| DN | TUBO PIPE | ROSCA THREAD | SERIE SERIES | Referencia Part n° |
|---|---|---|---|---|
| 1/4" | 6 | 14x1.5 | S | **24804140604** |
| 3/16" | 8 | 16X1,5 | S | **24804160803** |
| 1/4" | 8 | 16X1,5 | S | **24804160804** |
| 5/16" | 8 | 16x1.5 | S | **24804160805** |
| 3/8" | 8 | 16x1.5 | S | **24804160806** |
| 1/4" | 10 | 18X1,5 | S | **24804181004** |
| 5/16" | 10 | 18x1.5 | S | **24804181005** |
| 3/8" | 10 | 18x1,5 | S | **24804181006** |
| 1/4" | 12 | 20x1,5 | S | **24804201204** |
| 5/16" | 12 | 20X1,5 | S | **24804201205** |
| 3/8" | 12 | 20X1,5 | S | **24804201206** |
| 1/2" | 12 | 20X1,5 | S | **24804201208** |
| 5/16" | 14 | 22x1.5 | S | **24804221405** |
| 3/8" | 14 | 22X1,5 | S | **24804221406** |
| 1/2" | 14 | 22x1,5 | S | **24804221408** |
| 1/4" | 16 | 24x1.5 | S | **24804241604** |
| 5/16" | 16 | 24x1.5 | S | **24804241605** |
| 3/8" | 16 | 24x1.5 | S | **24804241606** |
| 1/2" | 16 | 24X1,5 | S | **24804241608** |
| 5/8" | 16 | 24x1.5 | S | **24804241610** |
| 3/8" | 20 | 30x2 | S | **24804302006** |
| 1/2" | 20 | 30x2 | S | **24804302008** |
| 5/8" | 20 | 30X2 | S | **24804302010** |
| 3/4" | 20 | 30X2 | S | **24804302012** |
| 1/2" | 25 | 36x2 | S | **24804362508** |
| 5/8" | 25 | 36x2 | S | **24804362510** |
| 3/4" | 25 | 36X2 | S | **24804362512** |
| 1" | 25 | 36X2 | S | **24804362516** |
| 5/8" | 30 | 42x2 | S | **24804423010** |
| 3/4" | 30 | 42x2 | S | **24804423012** |
| 1" | 30 | 42X2 | S | **24804423016** |
| 1"1/4 | 38 | 52x2 | S | **24804523820** |

TrAle®

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Hembras giratorias 90° Métricas cono 24° con junta tórica

Metric swivel female 24° cone with o'ring (90° Elbow)

Coude 90° femelle tournante Métrique cône 24° + o'ring

Femmina metrica 90° sede 24° + O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/16" | 6 | L | 12x1,5 | **24305120603** |
| 1/4" | 6 | L | 12x1,5 | **24305120604** |
| 1/4" | 8 | L | 14x1,5 | **24305140804** |
| 5/16" | 8 | L | 14x1.5 | **24305140805** |
| 1/4" | 10 | L | 16x1,5 | **24305161004** |
| 5/16" | 10 | L | 16x1,5 | **24305161005** |
| 3/8" | 10 | L | 16x1,5 | **24305161006** |
| 1/4" | 12 | L | 18x1,5 | **24305181204** |
| 5/16" | 12 | L | 18x1,5 | **24305181205** |
| 3/8" | 12 | L | 18x1,5 | **24305181206** |
| 1/2" | 12 | L | 18x1.5 | **24305181208** |
| 3/8" | 15 | L | 22x1.5 | **24305221506** |
| 1/2" | 15 | L | 22x1,5 | **24305221508** |
| 1/2" | 18 | L | 26x1.5 | **24305261808** |
| 5/8" | 18 | L | 26x1,5 | **24305261810** |
| 5/8" | 22 | L | 30x2 | **24305302210** |
| 3/4" | 22 | L | 30x2 | **24305302212** |
| 3/4" | 28 | L | 36x2 | **24305362812** |
| 1" | 28 | L | 36x2 | **24305362816** |
| 1"1/4 | 35 | L | 45x2 | **24305453520** |
| 1"1/2 | 42 | L | 52x2 | **24305524224** |
| 3/16" | 6 | S | 14x1.5 | **24305140603** |
| 1/4" | 8 | S | 16x1,5 | **24305160804** |
| 5/16" | 8 | S | 16x1.5 | **24305160805** |
| 1/4" | 10 | S | 18x1,5 | **24305181004** |
| 5/16" | 10 | S | 18x1,5 | **24305181005** |
| 3/8" | 10 | S | 18x1,5 | **24305181006** |
| 1/4" | 12 | S | 20x1,5 | **24305201204** |
| 5/16" | 12 | S | 20x1,5 | **24305201205** |
| 3/8" | 12 | S | 20x1,5 | **24305201206** |
| 1/2" | 12 | S | 20x1.5 | **24305201208** |
| 3/8" | 14 | S | 22x1,5 | **24305221406** |
| 3/8" | 16 | S | 24x1.5 | **24305241606** |
| 1/2" | 16 | S | 24x1,5 | **24305241608** |
| 5/8" | 20 | S | 30x2 | **24305302010** |
| 3/4" | 20 | S | 30x2 | **24305302012** |
| 3/4" | 25 | S | 36x2 | **24305362512** |
| 1" | 25 | S | 36x2 | **24305362516** |
| 5/8" | 30 | S | 42x2 | **24305423010** |
| 3/4" | 30 | S | 42x2 | **24305423012** |
| 1" | 30 | S | 42x2 | **24305423016** |
| 1"1/4 | 38 | S | 52x2 | **24305523820** |

## Hembras giratorias 45° Métricas cono 24° con junta tórica

Metric swivel female 24° cone with o'ring (45° Elbow)

Coude 45° femelle tournante Métrique cône 24° + o'ring

Femmina metrica 45° sede 24° + O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/16" | 6 | L | 12x1,5 | **24306120603** |
| 1/4" | 6 | L | 12x1,5 | **24306120604** |
| 1/4" | 8 | L | 14x1,5 | **24306140804** |
| 5/16" | 8 | L | 14x1.5 | **24306140805** |
| 1/4" | 10 | L | 16x1,5 | **24306161004** |
| 5/16" | 10 | L | 16x1,5 | **24306161005** |
| 3/8" | 10 | L | 16x1,5 | **24306161006** |
| 1/4" | 12 | L | 18x1.5 | **24306181204** |
| 5/16" | 12 | L | 18x1,5 | **24306181205** |
| 3/8" | 12 | L | 18x1,5 | **24306181206** |
| 1/2" | 12 | L | 18x1.5 | **24306181208** |
| 3/8" | 15 | L | 22x1,5 | **24306221506** |
| 1/2" | 15 | L | 22x1,5 | **24306221508** |
| 1/2" | 18 | L | 26x1.5 | **24306261808** |
| 5/8" | 18 | L | 26x1,5 | **24306261810** |
| 5/8" | 22 | L | 30x2 | **24306302210** |
| 3/4" | 22 | L | 30x2 | **24306302212** |
| 3/4" | 28 | L | 36x2 | **24306362812** |
| 1" | 28 | L | 36x2 | **24306362816** |
| 1"1/4 | 35 | L | 45x2 | **24306453520** |
| 1"1/2 | 42 | L | 52x2 | **24306524224** |
| 3/16" | 6 | S | 14x1.5 | **24306140603** |
| 1/4" | 6 | S | 14x1.5 | **24306140604** |
| 1/4" | 8 | S | 16x1,5 | **24306160804** |
| 5/16" | 8 | S | 16x1.5 | **24306160805** |
| 1/4" | 10 | S | 18x1,5 | **24306181004** |
| 5/16" | 10 | S | 18x1.5 | **24306181005** |
| 3/8" | 10 | S | 18x1.5 | **24306181006** |
| 1/4" | 12 | S | 20x1.5 | **24306201204** |
| 5/16" | 12 | S | 20x1,5 | **24306201205** |
| 3/8" | 12 | S | 20x1,5 | **24306201206** |
| 1/2" | 12 | S | 20x1.5 | **24306201208** |
| 3/8" | 14 | S | 22x1,5 | **24306221406** |
| 3/8" | 16 | S | 24x1.5 | **24306241606** |
| 1/2" | 16 | S | 24x1,5 | **24306241608** |
| 5/8" | 20 | S | 30x2 | **24306302010** |
| 3/4" | 20 | S | 30x2 | **24306302012** |
| 3/4" | 25 | S | 36x2 | **24306362512** |
| 1" | 25 | S | 36x2 | **24306362516** |
| 3/4" | 30 | S | 42x2 | **24306423012** |
| 1" | 30 | S | 42x2 | **24306423016** |
| 1"1/4 | 38 | S | 52x2 | **24306523820** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Machos fijos Métricos cono 24°

Male stud Metric thread 24° cone

Mâle fixe Métrique cône 24°

Maschio Metrico sede 24°



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/16" | 6 | L | 12x1,5 | **24203120603** |
| 1/4" | 6 | L | 12x1,5 | **24203120604** |
| 1/4" | 8 | L | 14x1,5 | **24203140804** |
| 1/4" | 10 | L | 16x1,5 | **24203161004** |
| 5/16" | 10 | L | 16x1,5 | **24203161005** |
| 3/8" | 10 | L | 16x1,5 | **24203161006** |
| 1/4" | 12 | L | 18x1,5 | **24203181204** |
| 5/16" | 12 | L | 18x1,5 | **24203181205** |
| 3/8" | 12 | L | 18x1,5 | **24203181206** |
| 3/8" | 15 | L | 22x1,5 | **24203221506** |
| 1/2" | 15 | L | 22x1,5 | **24203221508** |
| 1/2" | 18 | L | 26x1,5 | **24203261808** |
| 5/8" | 18 | L | 26x1,5 | **24203261810** |
| 3/4" | 22 | L | 30x2 | **24203302212** |
| 1" | 28 | L | 36x2 | **24203362816** |
| 1"1/4 | 35 | L | 45x2 | **24203453520** |
| 1"1/2 | 42 | L | 52x2 | **24203524224** |
| 1/4" | 8 | S | 16x1,5 | **24203160804** |
| 1/4" | 10 | S | 18x1,5 | **24203181004** |
| 5/16" | 10 | S | 18x1,5 | **24203181005** |
| 3/8" | 10 | S | 18x1,5 | **24203181006** |
| 5/16" | 12 | S | 20x1,5 | **24203201205** |
| 3/8" | 12 | S | 20x1,5 | **24203201206** |
| 3/8" | 14 | S | 22x1,5 | **24203221406** |
| 1/2" | 16 | S | 24x1,5 | **24203241608** |
| 5/8" | 20 | S | 30x2 | **24203302010** |
| 3/4" | 20 | S | 30x2 | **24203302012** |
| 3/4" | 25 | S | 36x2 | **24203362512** |
| 1" | 25 | S | 36x2 | **24203362516** |
| 1" | 30 | S | 42x2 | **24203423016** |
| 1"1/4 | 38 | S | 52x2 | **24203523820** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Orientable Métrico Recto

Banjo metric

Banjo droit Métrique

Raccordo ad occhio Metrico



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/16" | M10x1 | **241161003** |
| 1/4" | M10x1 | **241161004** |
| 5/16" | M10x1 | **241161005** |
| 1/8" | M12x1 | **241161202** |
| 3/16" | M12x1.5 | **241161203** |
| 1/4" | M12x1.5 | **241161204** |
| 1/4" | M14x1.5 | **241161404** |
| 5/16" | M14x1.5 | **241161405** |
| 3/8" | M14x1.5 | **241161406** |
| 5/16" | M16x1.5 | **241161605** |
| 3/8" | M16x1.5 | **241161606** |
| 3/8" | M18x1.5 | **241161806** |
| 1/2" | M18x1.5 | **241161808** |
| 1/2" | M22x1.5 | **241162208** |
| 5/8" | M22x1.5 | **241162210** |
| 3/4" | M30x2 | **241163012** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Tornillo orientable simple rosca Métrica

Metric bolt for Banjo

Vis creuse simple pour banjo filetage métrique

Bullone forato Metrico



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M8x1 | | **S109208** |
| M10x1 | | **S109210** |
| M12x1 | NEW | **S10921210** |
| M12x1.5 | | **S109212** |
| M14x1.5 | | **S109214** |
| M16x1.5 | | **S109216** |
| M18x1.5 | | **S109218** |
| M22x1.5 | | **S109222** |
| M26x1.5 | | **S109226** |
| M30x1.5 | | **S109230** |

***Ver precios en p296 (ADAPTADORES BSP)** / **See prices in p.296 (BSP ADAPTORS)* / *Prix à la p. DAPTEURS BSP) / **Vedere prezzi p.296 (ADATTATORI BSP)*

## Espiga lisa recta Métrica

Metric standpipe

Embout lisse droit Métrique

Estremitá tubolare diritta Metrica



| DN | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 1/8" | 6 | **241580602 L** |
| 3/16" | 6 | **241580603 L** |
| 1/4" | 6 | **241580604 L** |
| 3/16" | 8 | **241580803 L** |
| 1/4" | 8 | **241580804 L** |
| 5/16" | 8 | **241580805 L** |
| 5/16" | 10 | **241581005 L** |
| 3/8" | 10 | **241581006 L** |
| 3/8" | 12 | **241581206 L** |
| 1/2" | 12 | **241581208 L** |
| 3/8" | 15 | **241581506 L** |
| 1/2" | 15 | **241581508 L** |
| 1/2" | 18 | **241581808 L** |
| 5/8" | 18 | **241581810 L** |
| 3/4" | 22 | **241582212 L** |
| 1" | 28 | **241582816 L** |
| 1"1/4 | 35 | **241583520 L** |
| 1"1/2 | 42 | **241584224 L** |
| 1/4" | 10 | **241581004 S** |
| 1/4" | 12 | **241581204 S** |
| 5/16" | 12 | **241581205 S** |
| 3/8" | 14 | **241581406 S** |
| 1/2" | 14 | **241581408 S** |
| 1/2" | 16 | **241581608 S** |
| 3/4" | 20 | **241582012 S** |
| 1" | 25 | **241582516 S** |
| 1" | 30 | **241583016 S** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Hembras giratorias Métricas cono 24°/60° DIN3868

Female metric swivel 24°/60° cone DIN3868

Femelle tournante Métrique cône 24°-60° DIN3868

Femmina Metrica Girevole Multiseal 24°/60° DIN3868



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 8L | M14X1.5 | **244049511** |
| 1/4" | 10L | M16X1.5 | **244049520** |
| 5/16" | 10L | M16X1.5 | **244049523** |
| 3/8" | 10L | M16X1.5 | **244049524** |
| 5/16" | 12L | M18X1.5 | **244049525** |
| 3/8" | 12L | M18X1.5 | **244049535** |
| 3/8" | 15L | M22X1.5 | **244049552** |
| 1/2" | 15L | M22X1.5 | **244049555** |
| 5/8" | 18L | M26X1.5 | **244049571** |

## Hembras giratorias 45° Métricas cono 24°/60° DIN3868

Female metric swivel 24°/60° cone (45° Elbow) DIN3868

Femelle tournante coude 45° Métrique cône 24°-60 DIN3868

Femmina Metrica Girevole a 45° Multiseal 24°/60° DIN3868



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 8L | M14X1.5 | **244069511** |
| 5/16" | 10L | M16X1.5 | **244069523** |
| 3/8" | 10L | M16X1.5 | **244069524** |
| 5/16" | 12L | M18X1.5 | **244069525** |
| 3/8" | 12L | M18X1.5 | **244069535** |
| 1/2" | 15L | M22X1.5 | **244069555** |
| 5/8" | 18L | M26X1.5 | **244069571** |

## Hembras giratorias 90° Métricas cono 24°/60° DIN3868

Female metric swivel 24°/60° cone (90° Elbow) DIN3868

Femelle tournante coude 90° Métrique cône 24°-60° DIN3868

Femmina Metrica Girevole a 90° Multiseal 24°/60° DIN3868



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 8L | M14X1.5 | **244059511** |
| 1/4" | 10L | M16X1.5 | **244059520** |
| 5/16" | 10L | M16X1.5 | **244059523** |
| 3/8" | 10L | M16X1.5 | **244059524** |
| 5/16" | 12L | M18X1.5 | **244059525** |
| 3/8" | 12L | M18X1.5 | **244059535** |
| 3/8" | 15L | M22X1.5 | **244059552** |
| 1/2" | 15L | M22X1.5 | **244059555** |
| 5/8" | 18L | M26X1.5 | **244059571** |

## ROSCA MÉTRICA - ESTANQUEIDAD CONO METAL-METAL



*METRIC THREAD - METAL-METAL CONE SEAL*

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Macho rosca cónica NPT

NPT male thread

Mâle fixe gaz conique NPT

Maschio conico NPT sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/16" | 1/8" NPT | **241610203** |
| 1/4" | 1/8" NPT | **241610204** |
| 3/16" | 1/4" NPT | **241610403** |
| 1/4" | 1/4" NPT | **241610404** |
| 5/16" | 1/4" NPT | **241610405** |
| 3/8" | 1/4" NPT | **241610406** |
| 1/4" | 3/8" NPT | **241610604** |
| 5/16" | 3/8" NPT | **241610605** |
| 3/8" | 3/8" NPT | **241610606** |
| 1/2" | 3/8" NPT | **241610608** |
| 3/8" | 1/2" NPT | **241610806** |
| 1/2" | 1/2" NPT | **241610808** |
| 5/8" | 1/2" NPT | **241610810** |
| 1/2" | 3/4" NPT | **241611208** |
| 5/8" | 3/4" NPT | **241611210** |
| 3/4" | 3/4" NPT | **241611212** |
| 1" | 3/4" NPT | **241611216** |
| 3/4" | 1" NPT | **241611612** |
| 1" | 1" NPT | **241611616** |
| 1" | 1"1/4 NPT | **241612016** |
| 1"1/4 | 1"1/4 NPT | **241612020** |
| 1"1/4 | 1"1/2 NPT | **241612420** |
| 1"1/2 | 1"1/2 NPT | **241612424** |
| 1"1/2 | 2" NPT | **241613224** |
| 2" | 2" NPT | **241613232** |

## Hembras giratorias NPSM

NPSM swivel female

Femelle tournante NPSM

Femmina diritta girevole NPSM



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" NPSM | **242610404** |
| 3/8" | 3/8" NPSM | **242610606** |
| 1/2" | 1/2" NPSM | **242610808** |
| 3/4" | 3/4" NPSM | **242611212** |
| 1" | 1" NPSM | **242611616** |

## Hembras giratorias rectas Komatsu cono 60°

Komatsu swivel female 60° cone

Femelle tournante droite Komatsu Métrique (cône 60°)

Femmina Komatsu sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | M14X1.5 | **258049625** |
| 3/8" | M18X1.5 | **258049635** |
| 1/2" | M22X1.5 | **258049655** |
| 5/8" | M24X1.5 | **258049665** |
| 3/4" | M30X1.5 | **258049684** |
| 1" | M33X1.5 | **258049685** |
| 1" 1/4 | M36X1.5 | **258049695** |
| 1" 1/2 | M42X1.5 | **258049697** |

## Hembras giratorias rectas TOYOTA

TOYOTA swivel female

Femelle tournante TOYOTA

Femmina diritta TOYOTA



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **251000404** |
| 3/8" | 3/8" BSP | **251000606** |
| 1/2" | 1/2" BSP | **251000808** |
| 3/4" | 3/4" BSP | **251001212** |
| 1" | 1" BSP | **251001616** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

## Macho Métrico cono 24° serie francesa

Metric stud 24° cone French Series

Mâle fixe Série Française Métrique 24°

Maschio Metrico sede 24° serie francese



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 13.2 | M20X1.5 | **245032013204** |
| 5/16" | 13.2 | M20X1.5 | **245032013205** |
| 3/8" | 13.2 | M20X1.5 | **245032013206** |
| 5/16" | 16.7 | M24X1.5 | **245032416705** |
| 3/8 | 16.7 | M24X1.5 | **245032416706** |
| 1/2" | 16.7 | M24X1.5 | **245032416708** |
| 5/8" | 21.2 | M30X1,5 | **245033021210** |
| 3/4" | 21.2 | M30X1,5 | **245033021212** |
| 3/4" | 26.7 | M36X1.5 | **245033626712** |
| 1" | 33.5 | M45X1.5 | **245034533516** |

## Macho Métrico válvula agrícola

Metric stud for agricultural valve

Mâle fixe Métrique pour valve agricole

Maschio Metrico per valvola agricola



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | M18X1.5 | **245051804** |
| 5/16" | M18X1.5 | **245051805** |
| 3/8" | M18X1.5 | **245051806** |

## Hembra giratoria recta Métrica cono 24° serie francesa

Metric swivel female 24° cone French Series

Femelle tournante Série Française Métrique 24°

Femmina Metrica sede 24° serie francese



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 13.2 | M20X1.5 | **245042013204** |
| 5/16" | 13.2 | M20X1.5 | **245042013205** |
| 3/8" | 13.2 | M20X1.5 | **245042013206** |
| 5/16" | 16.7 | M24X1.5 | **245042416705** |
| 3/8" | 16.7 | M24X1.5 | **245042416706** |
| 1/2" | 16.7 | M24X1.5 | **245042416708** |
| 5/8 ' | 21.2 | M30X1.5 | **245043021210** |
| 3/4" | 26.7 | M36X1.5 | **245043626712** |
| 1" | 33.5 | M45X1.5 | **245044533516** |

## Hembra giratoria 90° Métrica cono 24° serie francesa

Metric swivel female 24° cone French Series (90° Elbow)

Femelle tournante coude 90° Série Française Métrique 24°

Femmina Metrica a 90° sede 24° serie francese



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 5/16" | 13.2 | M20X1.5 | **245052013205** |
| 3/8" | 13.2 | M20X1.5 | **245052013206** |
| 1/2" | 16.7 | M24X1.5 | **245052416708** |
| 5/8" | 21.2 | M30X1.5 | **245053021210** |
| 3/4" | 26.7 | M36X1.5 | **245053626712** |

TrAle®

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Hembra giratoria recta ORFS asiento plano

ORFS Swivel female straight flat seat

Femelle tournante -ORFS fond plat

Femmina diritta sede piana ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h UNF | **449000404** |
| 1/4" | 11/16" 16h UNF | **449000604** |
| 5/16" | 11/16" 16h UNF | **449000605** |
| 3/8" | 11/16" 16h UNF | **449000606** |
| 3/8" | 13/16" 16h UNF | **449000806** |
| 1/2" | 13/16" 16h UNF | **449000808** |
| 1/2" | 1" 14h UNF | **449001008** |
| 5/8" | 1" 14h UNF | **449001010** |
| 1/2" | 1" 3/16 12h UNF | **449001208** |
| 3/4" | 1"3/16 12h UNF | **449001212** |
| 3/4" | 1" 7/16 12h UNF | **449001612** |
| 1" | 1"7/16 12h UNF | **449001616** |
| 1"1/4 | 1"11/16 12h UNF | **449002020** |
| 1"1/2 | 2" 12h UNF | **449002424** |

## Hembra giratoria 90° ORFS asiento plano

ORFS Swivel female flat seat (90° Elbow)

Femelle tournante coude 90° -ORFS fond plat

Femmina a 90° sede piana ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h UNF | **449070404** |
| 1/4" | 11/16" 16h UNF | **449070604** |
| 5/16" | 11/16" 16h UNF | **449070605** |
| 3/8" | 11/16" 16h UNF | **449070606** |
| 3/8" | 13/16" 16h UNF | **449070806** |
| 1/2" | 13/16" 16h UNF | **449070808** |
| 1/2" | 1" 14h UNF | **449071008** |
| 5/8" | 1" 14h UNF | **449071010** |
| 1/2" | 1"3/16-12h UNF | **449071208** |
| 3/4" | 1"3/16 12h UNF | **449071212** |
| 3/4" | 1" 7/16 12h UNF | **449071612** |
| 1" | 1"7/16 12h UNF | **449071616** |
| 1"1/4 | 1"11/16 12h UNF | **449072020** |
| 1"1/2 | 2" 12h UNF | **449072424** |

## Machos ORFS asiento plano con junta tórica

ORFS Male flat seat + o´ring

Mâle fixe -ORFS fond plat + o'ring

Maschio ORFS sede piana con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h UNF | **449120404** |
| 1/4" | 11/16" 16h UNF | **449120604** |
| 5/16" | 11/16" 16h UNF | **449120605** |
| 3/8" | 11/16" 16h UNF | **449120606** |
| 3/8" | 13/16" 16h UNF | **449120806** |
| 1/2" | 13/16" 16h UNF | **449120808** |
| 1/2" | 1" 14h UNF | **449121008** |
| 5/8" | 1" 14h UNF | **449121010** |
| 1/2" | 1"3/16 12h UNF | **449121208** |
| 3/4" | 1"3/16 12h UNF | **449121212** |
| 3/4" | 1"7/16 12h UNF | **449121612** |
| 1" | 1"7/16 12h UNF | **449121616** |
| 1"1/4 | 1"11/16-12h UNF | **449122020** |

## Hembra giratoria 45° ORFS asiento plano

ORFS Swivel female (45° Elbow) flat seat

Femelle tournante coude 45° -ORFS fond plat

Femmina a 45° sede piana ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h UNF | **449080404** |
| 1/4" | 11/16" 16h UNF | **449080604** |
| 5/16 | 11/16" 16h UNF | **449080605** |
| 3/8" | 11/16" 16h UNF | **449080606** |
| 3/8" | 13/16" 16h UNF | **449080806** |
| 1/2" | 13/16" 16h UNF | **449080808** |
| 1/2" | 1" 14h UNF | **449081008** |
| 5/8" | 1" 14h UNF | **449081010** |
| 1/2" | 1"3/16 12h UNF | **449081208** |
| 3/4" | 1"3/16 12h UNF | **449081212** |
| 3/4" | 1"7/16 12h UNF | **449081612** |
| 1" | 1"7/16 12h UNF | **449081616** |
| 1"1/4 | 1"11/16 12h UNF | **449082020** |
| 1"1/2 | 2" 12h UNF | **449082424** |

## Juntas tóricas para ORFS

O´rings for ORFS

O´rings pour ORFS

O'rings per raccordi ORFS



| Ø INT. Ø INNER | Espesor (mm) Thickness (mm) | Referencia Part n° |
|---|---|---|
| 7,65 | 1,78 | **7.65X1.78** |
| 9,25 | 1,78 | **9.25X1.78** |
| 12,42 | 1,78 | **12.42X1.78** |
| 15,60 | 1,78 | **15.60X1.78** |
| 18,77 | 1,78 | **18.77X1.78** |
| 23,52 | 1,78 | **23.52X1.78** |
| 29,87 | 1,78 | **29.87X1.78** |
| 37,82 | 1,78 | **37.82X1.78** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Brida recta SAE 3000 PSI

3000 PSI SAE Straight Flange / Code 61

Bride SAE droite série 3000 PSI

Flangia diritta SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **241820808** |
| 1/2" | 38.1 | **241821208** |
| 5/8" | 38.1 | **241821210** |
| 3/4" | 38.1 | **241821212** |
| 3/4" | 44.5 | **241821612** |
| 1" | 44.5 | **241821616** |
| 1" | 50.8 | **241822016** |
| 1"1/4 | 50.8 | **241822020** |
| 1"1/4 | 60.3 | **241822420** |
| 1"1/2 | 60.3 | **241822424** |
| 1"1/2 | 71.4 | **241823224** |
| 2" | 71.4 | **241823232** |
| 2" 1/2 | 84.1 | **241824040** |
| 3" | 101,6 | **241824848** |

## Brida a 90° SAE 3000 PSI

3000 PSI SAE Flange (90° Elbow) / Code 61

Bride SAE coude 90° série 3000 PSI

Flangia a 90° SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **241830808** |
| 1/2" | 38.1 | **241831208** |
| 5/8" | 38.1 | **241831210** |
| 3/4" | 38.1 | **241831212** |
| 3/4" | 44.5 | **241831612** |
| 1" | 44.5 | **241831616** |
| 1" | 50.8 | **241832016** |
| 1"1/4 | 50.8 | **241832020** |
| 1"1/4 | 60.3 | **241832420** |
| 1"1/2 | 60.3 | **241832424** |
| 1"1/2 | 71.4 | **241833224** |
| 2" | 71.4 | **241833232** |

## Brida a 45° SAE 3000 PSI

3000 PSI SAE Flange (45° Elbow) / Code 61

Bride SAE coude 45° série 3000 PSI

Flangia a 45° SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **241840808** |
| 1/2" | 38.1 | **241841208** |
| 5/8" | 38.1 | **241841210** |
| 3/4" | 38.1 | **241841212** |
| 3/4" | 44.5 | **241841612** |
| 1" | 44.5 | **241841616** |
| 1" | 50.8 | **241842016** |
| 1"1/4 | 50.8 | **241842020** |
| 1"1/4 | 60.3 | **241842420** |
| 1"1/2 | 60.3 | **241842424** |
| 1"1/2 | 71.4 | **241843224** |
| 2" | 71.4 | **241843232** |

## Brida recta SAE 6000 PSI

6000 PSI SAE Straight Flange / Code 62

Bride SAE droite série 6000 PSI

Flangia diritta SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **242820808** |
| 1/2" | 41.3 | **242821208** |
| 5/8" | 41.3 | **242821210** |
| 3/4" | 41.3 | **242821212** |
| 3/4" | 47.6 | **242821612** |
| 1" | 47.6 | **242821616** |
| 1" | 54 | **242822016** |
| 1"1/4 | 54 | **242822020** |
| 1"1/4 | 63.5 | **242822420** |
| 1"1/2 | 63.5 | **242822424** |
| 1"1/2 | 79.4 | **242823224** |
| 2" | 79.4 | **242823232** |

## Brida a 90° SAE 6000 PSI

6000 PSI SAE Flange (90° Elbow) / Code 62

Bride SAE coude 90° série 6000 PSI

Flangia a 90° SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **242830808** |
| 1/2" | 41.3 | **242831208** |
| 5/8" | 41.3 | **242831210** |
| 3/4" | 41.3 | **242831212** |
| 3/4" | 47.6 | **242831612** |
| 1" | 47.6 | **242831616** |
| 1" | 54 | **242832016** |
| 1"1/4 | 54 | **242832020** |
| 1"1/4 | 63.5 | **242832420** |
| 1"1/2 | 63.5 | **242832424** |
| 1"1/2 | 79.4 | **242833224** |
| 2" | 79.4 | **242833232** |

## Brida a 45° SAE 6000 PSI

6000 PSI SAE Flange (45° Elbow) / Code 62

Bride SAE coude 45° série 6000 PSI

Flangia a 45° SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **242840808** |
| 1/2" | 41.3 | **242841208** |
| 5/8" | 41.3 | **242841210** |
| 3/4" | 41.3 | **242841212** |
| 3/4" | 47.6 | **242841612** |
| 1" | 47.6 | **242841616** |
| 1" | 54 | **242842016** |
| 1"1/4 | 54 | **242842020** |
| 1"1/4 | 63.5 | **242842420** |
| 1"1/2 | 63.5 | **242842424** |
| 1"1/2 | 79.4 | **242843224** |
| 2" | 79.4 | **242843232** |

TrAle®

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Brida recta 9000 PSI (14,3)

9000 PSI straight Flange (14,3)

Bride tournante droite série 9000 PSI (14,3)

Flangia diritta PSI 9000 (14,3)



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **442821212** |
| 3/4" | 47,6 | **442821612** |
| 1" | 47,6 | **442821616** |
| 1" | 54 | **442822016** |
| 1" 1/4 | 54 | **442822020** |
| 1" 1/2 | 63,5 | **442822424** |

## Brida a 90° 9000 PSI (14,3)

9000 PSI 90° Flange (14,3)

Bride tournante coude 90° série 9000 PSI (14,3)

Flangia a 90° PSI 9000 (14,3)



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **442831212** |
| 3/4" | 47,6 | **442831612** |
| 1" | 47,6 | **442831616** |
| 1" | 54 | **442832016** |
| 1"1/4 | 54 | **442832020** |
| 1"1/2 | 63,5 | **442832424** |

## Brida a 45° 9000 PSI (14,3)

9000 PSI 45° Flange (14,3)

Bride tournante coude 45° série 9000 PSI (14,3)

Flangia a 45° PSI 9000 (14,3)



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **442841212** |
| 3/4" | 47,6 | **442841612** |
| 1" | 47,6 | **442841616** |
| 1" | 54 | **442842016** |
| 1"1/4 | 54 | **442842020** |
| 1"1/2 | 63,5 | **442842424** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard

TrAle®

## Bridas SAE partidas (semibridas) 3000/6000 PSI

3000/6000 PSI SAE Split flanges

Demi-brides rectangulaires de fixation SAE 3000/6000 PSI

Semiflangia SAE 3000/6000 PSI



| SERIE<br>SERIES | TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|---|
| 3000 PSI | 1/2" | **BBP308** |
| 3000 PSI | 3/4" | **BBP312** |
| 3000 PSI | 1" | **BBP316** |
| 3000 PSI | 1"1/4 | **BBP320** |
| 3000 PSI | 1"1/2 | **BBP324** |
| 3000 PSI | 2" | **BBP332** |
| 3000 PSI | 2"1/2 | **BBP340** |
| 3000 PSI | 3" | **BBP348** |
| 3000 PSI | 3"1/2 | **BBP356** |
| 3000 PSI | 4" | **BBP364** |
| 6000 PSI | 1/2" | **BBP608** |
| 6000 PSI | 3/4" | **BBP612** |
| 6000 PSI | 1" | **BBP616** |
| 6000 PSI | 1"1/4 | **BBP620** |
| 6000 PSI | 1"1/2 | **BBP624** |
| 6000 PSI | 2" | **BBP632** |

**€/par** / *€/pair* / *€/paire* / *€/coppia*

## Bridas SAE enteras (monoblock) 3000/6000 PSI

3000/6000 PSI SAE Flanges

Brides monobloc rectangulaires de fixation SAE 3000/6000 PSi

Flangia monoblocco SAE 3000/6000 PSI



| SERIE<br>SERIES | TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|---|
| 3000 PSI | 1/2" | **BBE308** |
| 3000 PSI | 3/4" | **BBE312** |
| 3000 PSI | 1" | **BBE316** |
| 3000 PSI | 1"1/4 | **BBE320** |
| 3000 PSI | 1"1/2 | **BBE324** |
| 3000 PSI | 2" | **BBE332** |
| 3000 PSI | 2"1/2 | **BBE340** |
| 3000 PSI | 3" | **BBE348** |
| 3000 PSI | 3"1/2 | **BBE356** |
| 3000 PSI | 4" | **BBE364** |
| 3000 PSI | 5" | **BBE380** |
| 6000 PSI | 1/2" | **BBE608** |
| 6000 PSI | 3/4" | **BBE612** |
| 6000 PSI | 1" | **BBE616** |
| 6000 PSI | 1"1/4 | **BBE620** |
| 6000 PSI | 1"1/2 | **BBE624** |
| 6000 PSI | 2" | **BBE632** |

## Tornillos para bridas SAE

Screws for SAE flanges

Vis pour brides SAE

Vite per flangia SAE



| ROSCA<br>THREAD | TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|---|
| M8X30 | 3000-6000 PSI 1/2" | **TB8X30** |
| M10X35 | 3000 PSI 3/4"-1" | **TB10X35** |
| M10X40 | 3000 PSI 1" 1/4 - 6000 PSI 3/4" | **TB10X40** |
| M12X45 | 3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1" | **TB12X45** |
| M14X45 | 6000 PSI 1"1/4 | **TB14X45** |
| M16X50 | 3000 PSI 3"-3" 1/2-4"- 6000 PSI 1" 1/2 | **TB16X50** |
| M20X70 | 6000 PSI 2" | **TB20X70** |

***Ver precios en p.258** / **See prices in p.258* / **Prix à la p.258* / **Vedere prezzi p258*

## Juntas tóricas para bridas SAE 3000/6000 PSI

O'rings for 3000/6000 PSI SAE flanges

O'rings pour bride série 3000/6000 PSI

O'rings per flangia SAE 3000/6000 PSI



| TAMAÑO<br>SIZE | Ø INT.<br>Ø INNER | Referencia<br>Part n° |
|---|---|---|
| 1/2" | 18.64 | **18.64X3.53** |
| 3/4" | 24.99 | **24.99X3.53** |
| 1" | 32.92 | **32.92X3.53** |
| 1"1/4 | 37.70 | **37.70X3.53** |
| 1"1/2 | 47.22 | **47.22X3.53** |
| 2" | 56.74 | **56.74X3.53** |

## Juntas para bridas SAE 3000/6000 PSI

Seals for 3000/6000 PSI flange

Joints pour bride série 3000/6000

Guarnizioni per flangia SAE 3000/6000 PSI



| TAMAÑO<br>SIZE | Ø INT.<br>Ø INNER | Ø EXT.<br>Ø OUTER | Referencia<br>Part n° |
|---|---|---|---|
| 1/2" | 17.02 | 25.40 | **JBR08** |
| 3/4" | 23.36 | 31.72 | **JBR12** |
| 1" | 31.24 | 39.62 | **JBR16** |
| 1"1/4 | 36.07 | 44.45 | **JBR20** |
| 1"1/2 | 45.34 | 53.98 | **JBR24** |
| 2" | 54.86 | 63.50 | **JBR32** |

# Conexiones Serie Standard

Standard series fittings
Embouts série Standard
Raccordi serie Standard



## Macho pistola hidrolavadora

Male terminal steel hydro-wash

Mâle fixe spécial pistolet-hydronettoyage

Maschio pistola idropulitrice



| DN | Referencia Part n° |
|---|---|
| 1/4" | **230400400** |

## Empuñaduras de goma negras

Handle in black rubber

Poignée hydronettoyage de gomme noire

Manopola di gomma nera



| DN | Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|---|
| 1/4" | 29 | 15,5 | **230600400** |
| 5/16" | 35 | 18 | **230600500** |
| 3/8" | 35 | 21 | **230600600** |

## Empuñaduras de goma grises

Handle with grey rubber

Poignée hydronettoyage de gomme grise

Manopola di gomma grigia



| DN | Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|---|
| 1/4" | 29 | 15,5 | **230610400** |
| 3/8" | 35 | 22 | **230610600** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Terminal Karcher acero

Swivel female hydro-wash

Embout femelle tournante acier spécial hydronettoyage

Femmina in acciaio per idropulitrici



| DN | ROSCA THREAD | DESCRIPCIÓN DESCRIPTION | Referencia Part n° |
|---|---|---|---|
| 1/4" | M22X1.5 | STD | **230700400** |
| 5/16" | M22X1.5 | STD | **230700500** |
| 3/8" | M22X1.5 | STD | **230700600** |
| 1/4" | M22X1.5 | LONG | **230720400** |
| 5/16" | M22X1.5 | LONG | **230720500** |
| 3/8" | M22X1.5 | LONG | **230720600** |

## Empuñaduras de goma azules

Handle in blue rubber

Poignée hydronettoyage de gomme bleue

Manopola di gomma azzurra



| DN | Ø EXT. Ø OUTER | Ø INT. Ø INNER | | Referencia Part n° |
|---|---|---|---|---|
| 1/4" | 29 | 15,5 | | **230620400** |
| 5/16" | 35 | 18 | | **230620500** |
| 3/8" | 35 | 21 | | **230620600** |
| 1/2" | 35 | 23 | NEW | **230620800** |

## Hembras giratorias racor CO2 W21.8

Swivel female CO2 fitting W21.8

Raccord CO2 femelle tournante W21.8

Raccordo CO2 femmina girevole W21.8



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | W 21,8 14h | **2470421806** |
| 1/2" | W 21,8 14h | **2470421808** |

## Hembra giratiora 90° racor CO2 W21.8

NEW

90° Swivel female CO2 fitting W21.8

Raccord CO2 90° femelle tournante W21.8

Raccordo CO2 femmina girevole 90° W21.8



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | W 21,8 14h | **2470521806** |
| 1/2" | W 21,8 14h | **2470521808** |




*Consultar / On request/ Sur demande / Su richiesta

# Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi serie BW+ R13/R15 senza spellatura

TrAle®

## Casquillos R13/R15 para serie BW/BW+

Ferrules R13/R15 for fittings BW/BW+ series

Jupes R13/R15 pour embouts série BW/BW+

Boccola R13/R15 serie BW/BW+



| DN | Referencia Part n° |
|---|---|
| 1"1/4 | **AC690102000** |
| 1"1/2 | **AC690102400** |
| 2" | **AC690103200** |

## Hembras giratorias 90° BSP cono 60° con junta

BSP Swivel female 60° cone with joint (90° Elbow)

Coude 90° femelle tournante gaz cyl BSP 60° avec joint

Femmina 90° sede 60°+O'ring serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **661172020** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Hembras giratorias 45° BSP cono 60° con junta

BSP Swivel female 60° cone with joint (45° Elbow)

Coude 45° femelle tournante gaz cyl BSP 60° avec joint

Femmina 45° sede 60°+O'ring serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **661182020** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Macho BSP cono 60°

BSP Male 60° cone

Mâle BSP cône 60°

Maschio cilindrico BSP sede 60° serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **661122020** |
| 1"1/2 | 1"1/2 BSP | **661122424** |
| 2" | 2" BSP | **661123232** |

## Hembras giratorias rectas BSP cono 60° con junta tuerca engargolada NEW

BSP Swivel female 60° cone with o'ring wire nut

Femelle tournante gaz cyl BSP 60° avec joint écrou à douille

Femmina diritta sede 60°+O'ring serie BW+ (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **665102020** |
| 1"1/2 | 1"1/2 BSP | **665102424** |
| 2" | 2" BSP | **665103232** |

## BSP Swivel female 60° cone with joint (90° Elbow) wire nut NEW

Hembras giratorias 90° BSP cono 60° con junta tuerca engargolada

Coude 90° femelle tournante gaz cyl BSP 60° avec joint écrou à douille

Femmina 90° sede 60°+O'ring serie BW+ (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 BSP | 1"1/4 BSP | **665172020** |
| 1"1/2 BSP | 1"1/2 BSP | **665172424** |
| 2" BSP | 2" BSP | **665173232** |

## Hembras giratorias 45° BSP cono 60° con junta tuerca engargola NEW

BSP Swivel female 60° cone with joint (45° Elbow) wire nut

Coude 45° femelle tournante gaz cyl BSP 60° avec joint écrou à douille

Femmina 45° sede 60°+O'ring serie BW+ (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **665182020** |
| 1"1/2 | 1"1/2 BSP | **665182424** |
| 2" | 2" BSP | **665183232** |

# Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi serie BW+ R13/R15 senza spellatura



## Macho JIC 37°

JIC 37° male

Mâle JIC 37°

Maschio JIC 37° serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1" 1/4 | 1"5/8 12h UNF | **661402620** |
| 1"1/2 | 1"7/8 12 UNF | **661403024** |
| 2" | 2" 1/2 12 UNF | **661404032** |

## Hembras giratorias rectas JIC 37° doble hexagonal con tuerca engargolada NEW

JIC 37° Swivel female doble hexagonal wire nut

Femelle JIC 37° double hexagonale avec écrou à douille

Femmina diritta JIC 37° doppio esagono serie BW+ (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"5/8 12h | **665422620** |
| 1"1/2 | 1"7/8 12h | **665423024** |
| 2" | 2"1/2 12h | **665424032** |

## Hembras giratorias 90° JIC 37° tuerca engargolada NEW

JIC 37° swivel female (90° Elbow) wire nut

Coude 90° femelle JIC 37° avec écrou à douille

Femmina 90° JIC 37° serie BW+ (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"5/8 12h | **665382620** |
| 1"1/2 | 1"7/8 12h | **665383024** |
| 2" | 2"1/2 12h | **665384032** |

## Hembras giratorias 45° JIC 37° tuerca engargolada NEW

JIC 37° swivel female (45° Elbow) wire nut

Coude 45° femelle JIC 37° avec écrou à douille

Femmina 45° JIC 37° serie BW+ (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"5/8 12 UN | **665392620** |
| 1"1/2 | 1"7/8 12 UN | **665393024** |
| 2" | 2"1/2 12 UN | **665394032** |

## Hembras giratorias 90° Métricas cono 24° con junta tórica

Metric swivel female 24° seat with o'ring (90° Elbow)

Coude 90° femelle Métrique 24° avec o'ring

Femmina metrica 90° sede 24°+O'ring serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | M52X2 | **66205523820** |

## Hembras giratorias 45° Métricas cono 24° con junta tórica

Metric swivel female 24° seat with o'ring (45° Elbow)

Coude 45° femelle Métrique 24° avec o'ring

Femmina metrica 45° sede 24°+O'ring serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | M52X2 | **66206523820** |

# Conexiones Serie BW+ R13/R15 No Pelar

Fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi serie BW+ R13/R15 senza spellatura

TrAle®

## Brida recta SAE 6000 PSI

6000 PSI SAE Straight flange

Bride SAE droite série 6000 PSI

Flangia diritta SAE 6000 serie BW+



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1"1/4 | 54 | **662822020** |
| 1"1/2 | 63.5 | **662822424** |
| 2" | 79.4 | **662823232** |

## Brida a 90° SAE 6000 PSI

6000 PSI SAE 90° Flange

Bride SAE coude 90° série 6000 PSI

Flangia 90° SAE 6000 serie BW+



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1"1/4 | 54 | **662832020** |
| 1"1/2 | 63.5 | **662832424** |
| 2" | 79.4 | **662833232** |

## Brida a 45° SAE 6000 PSI

6000 PSI SAE 45° flange

Bride SAE coude 45° série 6000 PSI

Flangia 45° SAE 6000 serie BW+



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1"1/4 | 54 | **662842020** |
| 1"1/2 | 63.5 | **662842424** |
| 2" | 79.4 | **662843232** |

## Hembra giratoria recta ORFS asiento plano doble hexagonal

ORFS Swivel female straight double hexagonal

Femelle droite ORFS double hexagonale

Femmina diritta ORFS doppio esagono serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1" 1/4 | 1"11/16 12h UNF | **669012020** |
| 1" 1/2 | 2" 12h UNF | **669012424** |

## Hembra giratoria 90° ORFS asiento plano

ORFS Swivel female (90° Elbow)

Coude 90° femelle ORFS

Femmina 90° ORFS serie BW+



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1" 1/4 | 1"11/16 12h UNF | **669072020** |
| 1" 1/2 | 2" 12h UNF | **669072424** |

## Hembra giratoria 45° ORFS asiento plano

ORFS Swivel female (45° Elbow)

Coude 45° femelle ORFS

Femmina 45° ORFS serie BW+



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1"11/16 12h UNF | **669082020** |
| 2" 12h UNF | **669082424** |

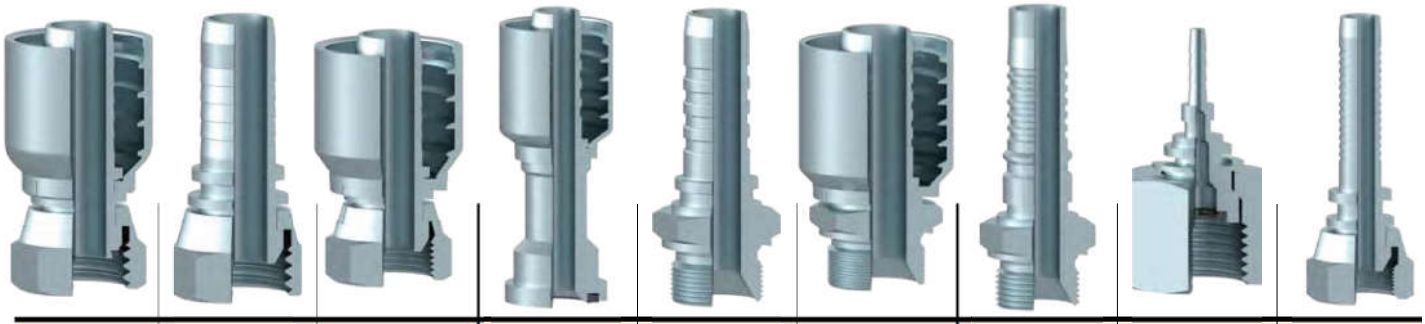
# INFINITAS SOLUCIONES PARA CONEXIONES DE MANGUERAS:

*ENDLESS SOLUTIONS FOR HOSE FITTINGS:*

**Diversos diseños para cumplir las necesidades de conexión**
*Several designed connections focused on the specific differents requirements*



| PUSH-IN NEUMÁTICO | PUSH-ON NEUMÁTICO | PUSH-ON HIDRÁULICO | BAJA PRESIÓN | SOLDABLE | REUSABLE |
|---|---|---|---|---|---|
| NEUMATIC PUSH-IN | NEUMATIC PUSH-ON | HYDRAULIC PUSH-ON | LOW PRESSURE | WELDING | REUSABLE |
| ★ | ★ | ★★ | ★★ | ★★ | ★★★ |



| UNA SOLA PIEZA 43 (COMPACTA) | ESTÁNDAR | BWS | UNA SOLA PIEZA BW (COMPACTA) | BW NO PELAR | BW+ | INTERLOCK | MICROHOSE | ALTA PRESIÓN (700BAR) |
|---|---|---|---|---|---|---|---|---|
| ONE PIECE 43 (COMPACT) | STANDARD | BWS | ONE PIECE BW (COMPACT) | BW NO SKIVE | BW+ | INTERLOCK | MICROHOSE | HIGH PRESSURE (700BAR) |
| ★★★★ | | ★★★★½ | ★★★★★ | | ★★★★½ | | ★★★ ★★★ | ★★★ ★★★★ |

**Presión diseñada** ★
*Designed Pressure*

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock

TrAle®

## Casquillos 4SH

Ferrules DIN 20023-4SH

Jupe à sertir DIN 20023 4SH

Boccola Interlock 4SH



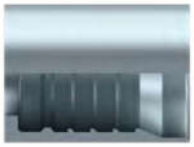
| DN | MANGUERA HOSE | Referencia Part n° |
|---|---|---|
| 3/4" | 4SH / R13 / R15 | **A610101200** |
| 1" | 4SH / R13 / R15 | **A610101600** |
| 1"1/4 | 4SH | **A610102000** |
| 1"1/2 | 4SH | **A610102400** |
| 2" | 4SH | **A610103200** |

## Casquillos R13-R15

Ferrules SAE 100 R13/R15

Jupe à sertir DIN 20023 R13/R15

Boccola Interlock R13/R15



| DN | MANGUERA HOSE | Referencia Part n° | € |
|---|---|---|---|
| 1"1/4 | R13/R15 | **610102000** | |
| 1"1/2 | R13/R15 | **610102400** | |
| 2" | R13/R15 | **610103200** | |

## Hembras giratorias 90° BSP cono 60° con junta

BSP Swivel female 60° cone + o'ring (90° Elbow)

Femelle tournante coude 90° gaz cyl BSP 60°+ o'ring

Femmina 90° BSP 60°+O'ring interlock (dado pinzato)



| DN | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|
| 1" | 1" BSP | **641071616** | **3** |
| 2" | 2" BSP | **641073232** | **7** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Hembras giratorias 45° BSP cono 60° con junta

BSP Swivel female 60° cone + o'ring (45° Elbow)

Femelle tournante coude 45° gaz cyl BSP 60° + o'ring

Femmina 45° BSP 60°+O'ring interlock (dado pinzato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 3/4" BSP | **641081212** |
| 1" | 1" BSP | **641081616** |
| 1"1/2 | 1"1/2 BSP | **641082424** |
| 2" | 2" BSP | **641083232** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Macho rosca cilíndrica BSP cono 60°

BSP Male 60° cone

Mâle fixe gaz cyl BSP 60°

Maschio cilindrico BSP sede 60° interlock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 3/4" BSP | **641121212** |
| 1" | 1" BSP | **641121616** |
| 1"1/4 | 1"1/4 BSP | **641122020** |
| 1"1/2 | 1"1/2 BSP | **641122424** |
| 2" | 2" BSP | **641123232** |

## Macho rosca NPT

NPT Male

Mâle fixe NPT

Maschio conico NPT interlock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 3/4" NPT | **641611212** |
| 1" | 1" NPT | **641611616** |
| 1"1/4 | 1"1/4 NPT | **641612020** |
| 1"1/2 | 1"1/2 NPT | **641612424** |
| 2" | 2" NPT | **641613232** |

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock



## Hembras giratorias rectas BSP cono 60° con junta (tuerca engargolada)

BSP Swivel female 60° cone + o'ring wired nut

Femelle tournante gaz cyl BSP 60° + o'ring écrou à jont

Femmina diritta BSP 60°+O'ring interlock (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 3/4" BSP | **645001212** |
| 1" | 1" BSP | **645001616** |
| 1"1/4 | 1"1/4 BSP | **645002020** |
| 1"1/2 | 1"1/2 BSP | **645002424** |
| 2" | 2" BSP | **645003232** |

## Hembras giratorias 45° BSP cono 60° con junta (tuerca engargolada)

BSP Swivel female 60° cone + o'ring (45° Elbow) wired nut

Femelle tournante coude 45° gaz cyl BSP 60° + o'ring écrou à jont

Femmina 45° BSP 60°+O'ring interlock (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 3/4" BSP | **645081212** |
| 1" | 1" BSP | **645081616** |
| 1"1/4 | 1"1/4 BSP | **645082020** |
| 1"1/2 | 1"1/2 BSP | **645082424** |
| 2" | 2" BSP | **645083232** |

## Hembras giratorias 90° BSP cono 60° con junta (tuerca engargolada)

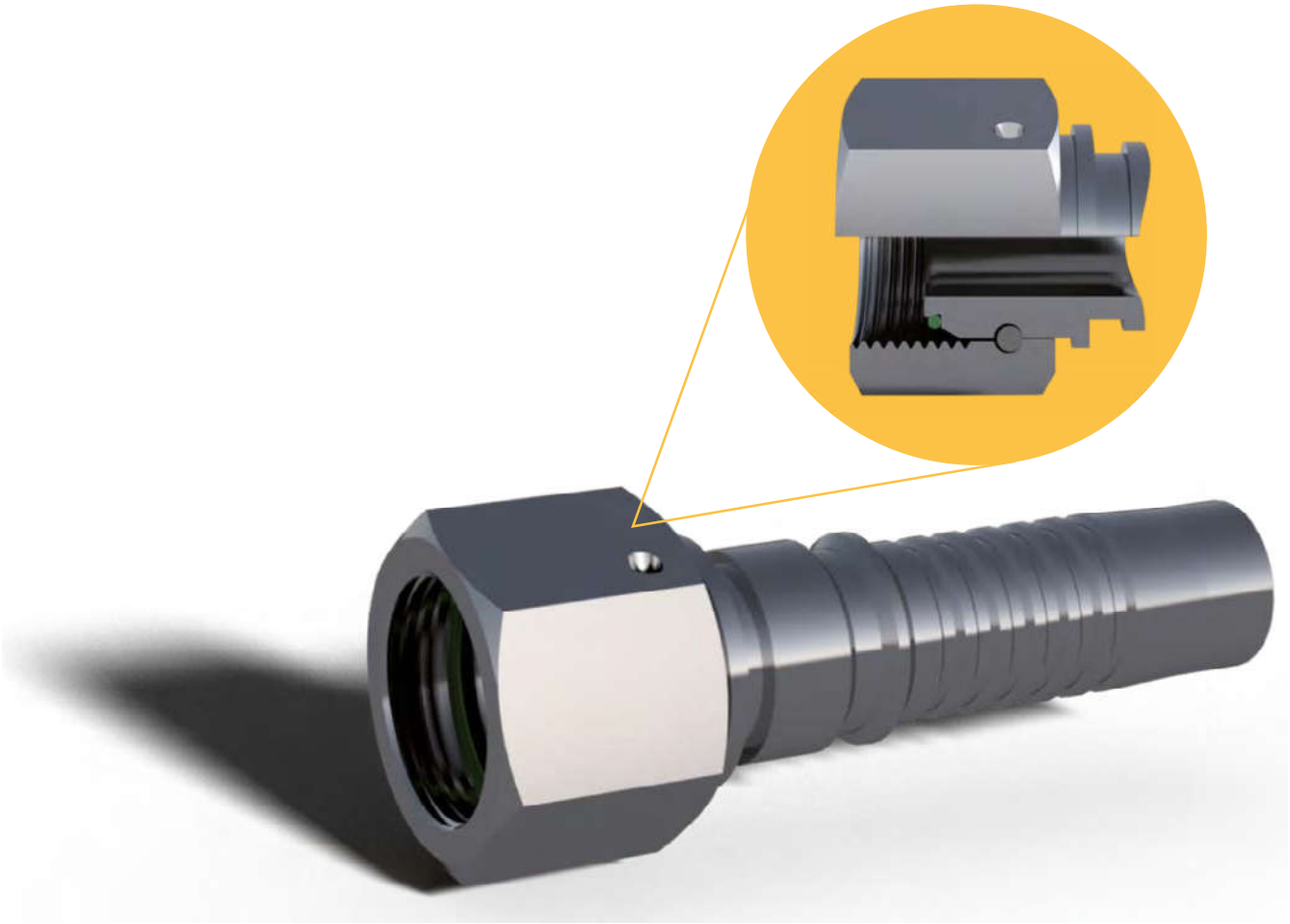
BSP Swivel female 60° cone + o'ring (90° Elbow) wired nut

Femelle tournante coude 90° gaz cyl BSP 60°+ o'ring écrou à jont

Femmina 90° BSP 60°+O'ring interlock (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 3/4" BSP | **645071212** |
| 1" | 1" BSP | **645071616** |
| 1"1/4 | 1"1/4 BSP | **645072020** |
| 1"1/2 | 1"1/2 BSP | **645072424** |
| 2" | 2" BSP | **645073232** |



# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock

TrAle®

## Hembras giratorias 90° JIC 37°

JIC 37° Swivel female (90° Elbow)

Femelle tournante coude 90° JIC 37°

Femmina 90° JIC 37° interlock (dado pinzato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1" | 1"5/16 12h UNF | **641382116** |
| 1"1/4 | 1"5/8 12h UNF | **641382620** |
| 1"1/2 | 1"7/8 12h UNF | **641383024** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Hembras giratorias 45° JIC 37°

JIC 37° Swivel female (45° Elbow)

Femelle tournante coude 45° JIC 37°

Femmina 45° JIC 37° interlock (dado pinzato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 1"1/16 12h UNF | **641391712** |
| 1" | 1"5/16 12h UNF | **641392116** |
| 1"1/4 | 1"5/8 12h UNF | **641392620** |
| 1"1/2 | 1"7/8 12h UNF | **641393024** |
| 2" | 2"1/2 12h UNF | **641394032** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Macho JIC 37°

JIC 37° male

Mâle fixe JIC 37°

Maschio JIC 37° interlock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 1"1/16 12h UNF | **641401712** |
| 1" | 1"5/16 12h UNF | **641402116** |
| 1"1/4 | 1"5/8 12h UNF | **641402620** |
| 1"1/2 | 1"7/8 12h UNF | **641403024** |
| 2" | 2"1/2 12h UNF | **641404032** |

## Hembras giratorias rectas JIC 37° (Engargolada)

JIC 37° Swivel female wired nut

Femelle tournante JIC 37° écrou à joint

Femmina diritta JIC 37° interlock (dado spinato)



| ROSCA THREAD | DN | Referencia Part n° |
|---|---|---|
| 1"1/16 12 UN | 3/4" | **645421712** |
| 1"5/16 12 UN | 1" | **645422116** |
| 1"5/8 12 UN | 1"1/4 | **645422620** |
| 1"7/8 12 UN | 1"1/2 | **645423024** |
| 2"1/2 12 UN | 2" | **645424032** |

## Hembras giratorias 90° JIC 37° (Engargolada)

JIC 37° Swivel female (90° Elbow) wired nut

Femelle tournante coude 90° JIC 37° écrou à joint

Femmina 90° JIC 37° interlock (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 1"1/16 12h UNF | **645381712** |
| 1" | 1"5/16 12h UNF | **645382116** |
| 1"1/4 | 1"5/8 12h UNF | **645382620** |
| 1"1/2 | 1"7/8 12h UNF | **645383024** |
| 2" | 2"1/2 12h UNF | **645384032** |

## Hembras giratorias 45° JIC 37° (Engargolada)

JIC 37° Swivel female (45° Elbow) wired nut

Femelle tournante coude 45° JIC 37° écrou à joint

Femmina 45° JIC 37° interlock (dado spinato)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 1"1/16 12h UNF | **645391712** |
| 1" | 1"5/16 12h UNF | **645392116** |
| 1"1/4 | 1"5/8 12h UNF | **645392620** |
| 1"1/2 | 1"7/8 12h UNF | **645393024** |
| 2" | 2"1/2 12h UNF | **645394032** |



TrAle®

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock



## Hembra giratoria recta Métrica cono 24° con junta tórica

Metric swivel female 24° seat with o'ring

Femelle tournante Métrique 24° + o'ring

Femmina metrica sede 24°+O'ring interlock



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/4" | 20 | S | M30X2 | **64204302012** |
| 3/4" | 25 | S | M36X2 | **64204362512** |
| 1" | 25 | S | M36X2 | **64204362516** |
| 1" | 30 | S | M42X2 | **64204423016** |
| 1"1/4 | 38 | S | M52X2 | **64204523820** |

## Hembra giratoria 45° Métrica cono 24° con junta tórica

Metric swivel female 24° seat with o'ring (45° Elbow)

Femelle tournante coude 45° Métrique + o'ring

Femmina metrica 45° sede 24°+O'ring interlock



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/4" | 20 | S | M30X2 | **64206302012** |
| 3/4" | 25 | S | M36X2 | **64206362512** |
| 1" | 30 | S | M42X2 | **64206423016** |
| 1"1/4 | 38 | S | M52X2 | **64206523820** |

## Hembra giratoria 90° Métrica cono 24° con junta tórica

Metric swivel female 24° seat with o'ring (90° Elbow)

Femelle tournante coude 90° Métrique + o'ring

Femmina metrica 90° sede 24°+O'ring interlock



| DN | TUBO PIPE | SERIE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/4" | 20 | S | M30X2 | **64205302012** |
| 3/4" | 25 | S | M36X2 | **64205362512** |
| 1" | 30 | S | M42X2 | **64205423016** |
| 1"1/4 | 38 | S | M52X2 | **64205523820** |

## Macho rosca Métrica cono 24°

Metric male stud 24° cone

Mâle fixe Métrique 24° série lourde

Maschio metrico sede 24° interlock



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/4" | 20 | S | M30X2 | **64203302012** |
| 3/4" | 25 | S | M36X2 | **64203362512** |
| 1" | 30 | S | M42X2 | **64203423016** |
| 1"1/4 | 38 | S | M52X2 | **64203523820** |

## Hembra giratoria recta Métrica cono 24° C/J martillos

Metric swivel female 24° seat with o'ring for hammer

Femelle tournante Métrique 24° + o'ring pour marteau

Femmina metrica sede 24°+O'ring interlock (per martello)



| DN | TUBO PIPE | ROSCA THREAD | SERIE SERIES | Referencia Part n° |
|---|---|---|---|---|
| 3/4" | 25 | M36X2 | S | **NAM362512** |
| 1" | 30 | M42X2 | S | **NAM423016** |
| 1"1/4 | 38 | M52X2 | S | **NAM523820** |

**Se venden con casquillo Interlock incluido (mismo diámetro de prensado que los casquillos A61010...)**
*/ With Interlock ferrule included (same crimping diameter as ferrule A61010) /* Avec jupe Interlock incluse (même diamètre de sertissage que la jupe A61010) */ Con boccola Interlock inclusa (diametro di pressatura uguale alla boccola A61010)*

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock

## Hembras rectas ORFS

ORFS Swivel female

Femelle droite ORFS

Femmina diritta ORFS Interlock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 1"3/16 12h UNF | **649001212** |
| 1" | 1"7/16 12h UNF | **649001616** |
| 1"1/4 | 1"11/16 12h UNF | **649002020** |
| 1"1/2 | 2" 12h UNF | **649002424** |

## Codos 90° ORFS

ORFS Swivel female (90° Elbow)

Coude 90° femelle ORFS

Femmina 90° ORFS Interlock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 1"3/16 12h UNF | **649071212** |
| 1" | 1"7/16 12h UNF | **649071616** |
| 1"1/4 | 1"11/16 12h UNF | **649072020** |
| 1"1/2 | 2" 12h UNF | **649072424** |

## Codos 45° ORFS

ORFS Swivel female (45° Elbow)

Coude 45° femelle ORFS

Femmina 45° ORFS Interlock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/4" | 1"3/16 12h UNF | **649081212** |
| 1" | 1"7/16 12h UNF | **649081616** |
| 1"1/4 | 1"11/16 12h UNF | **649082020** |

TrAle®

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock



## Brida SAE 3000 PSI

3000 PSI SAE Straight Flange / Code 61

Bride SAE droite série 3000 PSI

Flangia diritta SAE 3000 PSI interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 38.1 | **641821212** |
| 3/4" | 44.5 | **641821612** |
| 1" | 44.5 | **641821616** |
| 1" | 50.8 | **641822016** |
| 1"1/4 | 50.8 | **641822020** |
| 1"1/4 | 60.3 | **641822420** |
| 1"1/2 | 60.3 | **641822424** |
| 2" | 71.4 | **641823232** |

## Brida SAE 6000 PSI

6000 PSI SAE Straight Flange / Code 62

Bride SAE droite série 6000 PSI

Flangia diritta SAE 6000 PSI interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **642821212** |
| 3/4" | 47,6 | **642821612** |
| 1" | 47,6 | **642821616** |
| 1" | 54 | **642822016** |
| 1"1/4 | 54 | **642822020** |
| 1"1/4 | 63,5 | **642822420** |
| 1"1/2 | 63,5 | **642822424** |
| 2" | 79,4 | **642823232** |

## Brida a 90° SAE 3000 PSI

3000 PSI SAE Flange (90° Elbow) / Code 61

Bride SAE coude 90° série 3000 PSI

Flangia 90° SAE 3000 PSI interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 38.1 | **641831212** |
| 3/4" | 44.5 | **641831612** |
| 1" | 44.5 | **641831616** |
| 1" | 50.8 | **641832016** |
| 1"1/4 | 50.8 | **641832020** |
| 1"1/4 | 60.3 | **641832420** |
| 1"1/2 | 60.3 | **641832424** |
| 2" | 71.4 | **641833232** |

## Brida a 90° SAE 6000 PSI

6000 PSI SAE Flange (90° Elbow) / Code 62

Bride SAE coude 90° série 6000 PSI

Flangia 90° SAE 6000 PSI interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41.3 | **642831212** |
| 3/4" | 47.6 | **642831612** |
| 1" | 47.6 | **642831616** |
| 1" | 54 | **642832016** |
| 1"1/4 | 54 | **642832020** |
| 1"1/4 | 63.5 | **642832420** |
| 1"1/2 | 63.5 | **642832424** |
| 2" | 79.4 | **642833232** |

## Brida a 45° SAE 3000 PSI

3000 PSI SAE Flange (45° Elbow) / Code 61

Bride SAE coude 45° série 3000 PSI

Flangia 45° SAE 3000 PSI interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 38.1 | **641841212** |
| 3/4" | 44.5 | **641841612** |
| 1" | 44.5 | **641841616** |
| 1"1/4 | 50.8 | **641842020** |
| 1"1/4 | 60.3 | **641842420** |
| 1"1/2 | 60.3 | **641842424** |
| 2" | 71.4 | **641843232** |

## Brida a 45° SAE 6000 PSI

6000 PSI SAE Flange (45° Elbow) / Code 62

Bride SAE coude 45° série 6000 PSI

Flangia 45° SAE 6000 PSI interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **642841212** |
| 3/4" | 47,6 | **642841612** |
| 1" | 47,6 | **642841616** |
| 1" | 54 | **642842016** |
| 1"1/4 | 54 | **642842020** |
| 1"1/2 | 63,5 | **642842424** |
| 2" | 79,4 | **642843232** |

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock

## Brida 9000 PSI (14,3)

9000 PSI Straight flange (14,3)

Bride droite série 9000 PSI (14,3)

Flangia diritta SAE 9000 PSI (14,3) interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **643821212** |
| 1" | 47,6 | **643821616** |
| 1" | 54 | **643822016** |
| 1"1/4 | 54 | **643822020** |
| 1"1/4 | 63,5 | **643822420** |
| 1"1/2 | 63,5 | **643822424** |

## Brida a 45° 9000 PSI (14,3)

45° 9000 PSI Flange (14,3)

Bride coude 45° série 9000 PSI (14,3)

Flangia 45° SAE 9000 PSI (14,3) interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **643841212** |
| 1" | 47,6 | **643841616** |
| 1" | 54 | **643842016** |
| 1"1/4 | 54 | **643842020** |
| 1"1/2 | 63,5 | **643842424** |

## Brida a 90° 9000 PSI (14,3)

90° 9000 PSI Flange (14,3)

Bride coude 90° série 9000 PSI (14,3)

Flangia 90° SAE 9000 PSI (14,3) interlock



| DN | Ø | Referencia Part n° |
|---|---|---|
| 3/4" | 41,3 | **643831212** |
| 1" | 47,6 | **643831616** |
| 1" | 54 | **643832016** |
| 1"1/4 | 54 | **643832020** |
| 1"1/2 | 63,5 | **643832424** |

# Conexiones Serie Interlock

Interlock series fittings
Embouts à sertir Interlock
Raccordi serie Interlock



## Espiga para brida macho Poclain

Poclain male flange

Embout bride mâle Poclain

Inserto per flangia maschio Poclain 4SH



| DN | Ø | Referencia<br>Part n° |
|---|---|---|
| 3/4" | 3/4" | **648011212** |
| 1" | 1" | **648011616** |
| 1"1/4 | 1"1/4 | **648012020** |

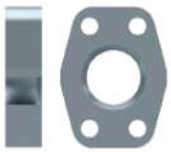
**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Brida entera macho Poclain 4 agujeros

Male Poclain flange 4 holes

Bride rectangulaire de fixation mâle Poclain-4 trous

Flangia intera maschio Poclain 4 fori



| TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|
| 1" | **448051616** |
| 1"1/4 | **448052020** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Brida entera macho Poclain 2 agujeros

Male Poclain flange 2 holes

Bride ovale fixation mâle Poclain 2 trous

Flangia intera maschio Poclain 2 fori



| TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|
| 5/8" | **448071010** |
| 3/4" | **448071212** |
| 1" | **448071616** |
| 1"1/4 | **448072020** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Espiga para brida hembra Poclain

Poclain female flange

Embout bride femelle Poclain

Inserto per flangia femmina Poclain 4SH



| DN | Ø | Referencia<br>Part n° |
|---|---|---|
| 3/4" | 3/4" | **648021212** |
| 1" | 1" | **648021616** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Brida entera hembra Poclain 4 agujeros

Female Poclain flange 4 holes

Bride rectangulaire de fixation femelle Poclain-4 trous

Flangia intera femmina Poclain 4 fori



| TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|
| 3/4" | **448061212** |
| 1" | **448061616** |
| 1"1/4 | **448062020** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

# SERIE COMPACTA

One Piece Series
Série Pré-sértis
Serie Compatti

## Conexiones compactas 1SC / 1SN / 2SC / R6 / 2TE

One piece fittings 1SC / 1SN / 2SC / R6 / 2TE
Embouts pré-sertis 1SC / 1SN / 2SC / R6 / 2TE
Raccordi compatti 1SC / 1SN / 2SC / R6 / 2TE



| | | | | |
|---|---|---|---|---|
| EN 857 1SC | EN 853 1 SN SAE 100 R1AT | EN 857 2SC | EN 854 SAE 100 R6 | EN 854 2TE |

## Conexiones compactas Serie 43 R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE/R17

One piece fittings 43 Series R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE/R17
Embouts pré-sertis R1AT / R2AT / 1SN / 2SN / R16 / 2SC Série 43 / 2TE/ R17
Raccordi compatti R1AT / R2AT / 1SN / 2SN / R16 / 2SC Serie 43 /3TE /R17



| | | | | |
|---|---|---|---|---|
| EN 853 1SN SAE 100R1AT | EN 853 2 SN SAE 100 R2AT | EN 857 2SC SAE 100 R16 | SUPERSERVICE 155° 2SC | 3TE |

## Conexiones compactas Serie BWS NO PELAR 3SP / 4SP /4SH / R12

One piece fittings Standar Series NON SKIVE 3SP / 4SP / 4SH / R12
Embouts pré-sertis SANS DÉNUDÉ 3SP / 4SP / 4SH / R12
Raccordi compatti SENZA PELATURA 3SP / 4SP / 4SH / R12



NO PELAR
NO SKIVE

| | | | | | |
|---|---|---|---|---|---|
| 3SP | EN 856 4SP SAE 100 R9R | EN 856 4SH | EN856 R12 SAE 100 | EN 856 R13 SAE 100 | SAE 100 R15 |
| | | | | 3/4"-1" | |

## Conexiones compactas Serie BW+ NO PELAR R13 / R15

One piece fittings BW+ Series NON SKIVE R13 / R15
Embouts pré-sertis BW+ SANS DÉNUDÉ R13 / R15
Raccordi compatti BW+ SENZA PELATURA R13 / R15



NO PELAR
NO SKIVE

| | |
|---|---|
| EN 856 SAE 100 R13 | SAE 100 R15 |

## Conexiones compactas R7 / R8 y elastómero malla metálica

Piece fittings R7 / R8 & braid of steel wire
Embouts pré-sertis R7 / R8 et tresse métallique
Raccordi compatti serie R7 / R8 e elastomero treccia metallica



| | | |
|---|---|---|
| SAE 100 R7 | SAE 100 R8 | Metallic braid elastomer |

## Conexiones compactas PTFE liso R14

One piece fittings for smooth PTFE R14
Embouts pré-sertis pour PTFE lisse R14
Raccordi compatti serie PTFE liscio R14



| |
|---|
| Smooth PTFE 1 braid |

## Conexiones compactas PTFE corrugado

One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convolute
Raccordi compatti serie PTFE corrugato



| |
|---|
| Convoluted PTFE |

# Casquillos para racores de una sola pieza

Ferrules for one piece fittings
Jupes pour embouts pré-sertis
Boccole a pressare per raccordi un pezzo

## Casquillos 1SC/1SN/2SC/R6/2TE/R17

Ferrules 1SC/1SN/2SC/R6/2TE/R17

Jupes à sertir 1SC/1SN/2SC/R6/2TE/R17

Boccole a pressare per 1SC/1SN/2SC/R6/2TE/R17



| DN | Referencia Part n° |
|---|---|
| 1/4" | SC21120400 |
| 5/16" | SC21120500 |
| 3/8" | SC21120600 |
| 1/2" | SC21120800 |
| 5/8" | SC21121000 |
| 3/4" | SC21121200 |
| 1" | SC21121600 |

## Casquillos 1SN/2SN /R16/2SC/3TE/R17 para conexiones de una sola pieza serie 43

Ferrules 1SN/2SN/R16/2SC/3TE/R17 for one piece fittings 43 series

Jupes 1SN/2SN/R16/2SC/3TE/R17 pour embous pré-sertis série 43

Boccole a pressare 1SN/2SN/R16/2SN/3TE/R17 per raccordi compatti serie 43



| DN | Referencia Part n° |
|---|---|
| 1/4" | PFC221200400 |
| 5/16" | PFC221200500 |
| 3/8" | PFC221200600 |
| 1/2" | PFC221200800 |
| 5/8" | PFC221201000 |
| 3/4" | PFC221201200 |
| 1" | PFC221201600 |
| 1"1/4 | PFC221202000 |
| 1"1/2 | PFC221202400 |
| 2" | PFC221203200 |

## Casquillos R12/3SP/4SP/4SH no pelar

Ferrules R12/3SP/4SP/4SH non skive

Jupes à sertir R12/3SP/4SP/4SH sans dénudage

Boccole a pressare per R12/ 3SP/4SP/4SH senza spellatura



| DN | Referencia Part n° | € |
|---|---|---|
| 3/8" | DI222400600 | |
| 1/2" | DI222400800 | |
| 5/8" | DI222401000 | |
| 3/4" | DI222401200 | |
| 1" | DI222401600 | |
| 1" 1/4 | DI222402000 | |
| 1" 1/2 | DI222402400 | |
| 2" | DI222403200 | |

## Casquillos R6, R7, R8 y malla metálica

Ferrules SAE 100 R6, R7, R8 and metallic braid

Jupes à sertir R6, R7, R8 et tresse métallique

Boccole a pressare per SAE R6, R7, R8 e Treccia Metallica



| DN | Referencia Part n° |
|---|---|
| 1/8" | DI2300200 |
| 3/16" | DI2300300 |
| 1/4" | DI2300400 |
| 5/16" | DI2300500 |
| 3/8" | DI2300600 |
| 1/2" | DI2300800 |
| 5/8" | DI2301000 |
| 3/4" | DI2301200 |
| 1" | DI2301600 |

## Casquillos PTFE Liso alta presión SAE 100 R14 perfil liso

Ferrules for Smooth PTFE SAE 100 R14 smooth surface

Jupes à sertir pour PTFE Lisse haute pression SAE 100 R14 surface lisse

Boccole a pressare per tubo al PTFE Liscio alta pressione SAE 100 R14 superficie liscia



| DN | Referencia Part n° |
|---|---|
| 1/4" | 280400400 |
| 5/16" | 280400500 |
| 3/8" | 280400600 |
| 1/2" | 280400800 |
| 5/8" | 280401000 |

## Casquillos PTFE Corrugado alta presión perfil liso

Ferrules for Convoluted PTFE smooth surface

Jupes à sertir PTFE Convoluté haute pression surface lisse

Boccole a pressare per tubo al PTFE Corrugato alta pressione superficie liscia



| DN | Referencia Part n° |
|---|---|
| 1/4" | 280410400 |
| 3/8" | 280410600 |
| 1/2" | 280410800 |
| 5/8" | 280411000 |
| 3/4" | 280411200 |

## Casquillos R13/R15 para serie BW/BW+

Ferrules R13/R15 for fittings BW/BW+ series

Jupes R13/R15 pour embouts série BW/BW+

Boccole a pressare per R13/R15 per raccordi serie BW/BW+



| DN | Referencia Part n° |
|---|---|
| 1"1/4 | AC690102000 |
| 1"1/2 | AC690102400 |
| 2" | AC690103200 |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrΔle®

## Hembras giratorias rectas una sola pieza JIC 37°

One piece JIC 37° female

Femelle pré-sertie JIC 37°

Femmina diritta compatta JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **281420704** |
| 1/4" | 1/2" 20h UNF | **281420804** |
| 5/16" | 1/2" 20h UNF | **281420805** |
| 1/4" | 9/16" 18h UNF | **281420904** |
| 5/16" | 9/16" 18h UNF | **281420905** |
| 3/8" | 9/16" 18h UNF | **281420906** |
| 3/8" | 5/8" 18h UNF | **281421006** |
| 5/16" | 3/4" 16h UNF | **281421205** |
| 3/8" | 3/4" 16h UNF | **281421206** |
| 1/2" | 3/4" 16h UNF | **281421208** |
| 3/8" | 7/8" 14h UNF | **281421406** |
| 1/2" | 7/8" 14h UNF | **281421408** |
| 5/8" | 7/8" 14h UNF | **281421410** |
| 1/2" | 1"1/16 12h UNF | **281421708** |
| 5/8" | 1"1/16 12h UNF | **281421710** |
| 3/4" | 1"1/16 12h UN | **281421712** |
| 1" | 1"1/16 12h UNF | **281421716** |
| 3/4" | 1"5/16 12h UNF | **281422112** |
| 1" | 1"5/16 12h UN | **281422116** |
| 1" | 1"5/8 12h UNF | **281422616** |
| 1"1/4 | 1"5/8 12h UN | **281422620** |
| 1" 1/4 | 1"7/8 12h UNF | **281423020** |
| 1"1/2 | 1"7/8 12h UN | **281423024** |
| 2" | 2"1/2 12h UN | **281424032** |

## Machos una sola pieza rosca JIC 37°

One piece JIC 37° male

Mâle pré-serti JIC 37°

Maschio compatto JIC sede 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **281400704** |
| 1/4" | 1/2" 20 H UNF | **281400804** |
| 5/16" | 1/2" 20h UNF | **281400805** |
| 1/4" | 9/16" 18h UNF | **281400904** |
| 5/16" | 9/16" 18h UNF | **281400905** |
| 3/8" | 9/16" 18h UNF | **281400906** |
| 3/8" | 3/4" 16 h UNF | **281401206** |
| 1/2" | 3/4" 16h UNF | **281401208** |
| 3/8" | 7/8" 14h UNF | **281401406** |
| 1/2" | 7/8" 14h UNF | **281401408** |
| 5/8" | 7/8" 14h UNF | **281401410** |
| 1/2" | 1" 1/16 12h UNF | **281401708** |
| 5/8 | 1" 1/16-12h UNF | **281401710** |
| 3/4" | 1"1/16 12h UN | **281401712** |
| 3/4" | 1" 5/16 12h UNF | **281402112** |
| 1" | 1"5/16 12h UN | **281402116** |
| 1" | 1" 5/8 12h UNF | **281402616** |
| 1"1/4 | 1"5/8 12h UN | **281402620** |
| 1" 1/4 | 1" 7/8 12h UNF | **281403020** |
| 1"1/2 | 1"7/8 12h UN | **281403024** |
| 2" | 2"1/2 12h UN | **281404032** |

## Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal

One piece back up hex JIC 37° female

Femelle pré-sertie JIC 37° double hexagonal

Femmina diritta compatta JIC 37° doppio esagono



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **282420704** |
| 1/4" | 1/2" 20h UNF | **282420804** |
| 5/16" | 9/16" 18h UNF | **282420905** |
| 3/8" | 9/16" 18h UNF | **282420906** |
| 3/8" | 3/4" 16h UNF | **282421206** |
| 1/2" | 3/4" 16h UNF | **282421208** |
| 1/2" | 7/8" 14h UNF | **282421408** |
| 3/4" | 1"1/16 12h UN | **282421712** |
| 1" | 1"5/16 12h UN | **282422116** |
| 1"1/4 | 1"5/8 12h UN | **282422620** |
| 1"1/2 | 1"7/8 12h UN | **282423024** |
| 2" | 2"1/2 12h UN | **282424032** |

## Hembras giratorias 90° una sola pieza JIC 37°

One piece JIC 37° Female (90° Elbow)

Coude 90° femelle pré-sertie JIC 37°

Femmina 90° compatta JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **281380704** |
| 1/4" | 1/2" 20h UNF | **281380804** |
| 1/4" | 9/16" 18h UNF | **281380904** |
| 5/16" | 9/16" 18h UNF | **281380905** |
| 3/8" | 9/16" 18h UNF | **281380906** |
| 3/8" | 5/8" 18h UNF | **281381006** |
| 3/8" | 3/4" 16h UNF | **281381206** |
| 1/2" | 3/4" 16h UNF | **281381208** |
| 3/8" | 7/8" 14h UNF | **281381406** |
| 1/2" | 7/8" 14h UNF | **281381408** |
| 5/8" | 7/8" 14h UNF | **281381410** |
| 1/2" | 1"1/16 12h UNF | **281381708** |
| 5/8" | 1"1/16 12h UNF | **281381710** |
| 3/4" | 1"1/16 12h UN | **281381712** |
| 3/4" | 1"5/16 12h UNF | **281382112** |
| 1" | 1"5/16 12h UN | **281382116** |
| 1" | 1"5/8 12h UNF | **281382616** |
| 1"1/4 | 1"5/8 12h UN | **281382620** |
| 1" 1/4 | 1"7/8 12h UNF | **281383020** |
| 1"1/2 | 1"7/8 12h UN | **281383024** |
| 2" | 2"1/2 12h UN | **281384032** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrΔle®

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



## Hembras giratorias 45° una sola pieza JIC37°

One piece JIC 37° Female (45° Elbow)

Coude 45° femelle pré-sertie JIC 37°

Femmina 45° compatta JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **281390704** |
| 1/4" | 1/2" 20h UNF | **281390804** |
| 1/4" | 9/16" 18h UNF | **281390904** |
| 5/16" | 9/16" 18h UNF | **281390905** |
| 3/8" | 9/16" 18h UNF | **281390906** |
| 3/8" | 3/4" 16h UNF | **281391206** |
| 1/2" | 3/4" 16h UNF | **281391208** |
| 1/2" | 7/8" 14h UNF | **281391408** |
| 5/8" | 7/8" 14h UNF | **281391410** |
| 1/2" | 1"1/16 12h UNF | **281391708** |
| 5/8" | 1"1/16 12h UNF | **281391710** |
| 3/4" | 1"1/16 12h UN | **281391712** |
| 3/4" | 1"5/16 12h UNF | **281392112** |
| 1" | 1"5/16 12h UN | **281392116** |
| 1" | 1"5/8 12h UNF | **281392616** |
| 1"1/4 | 1"5/8 12h UN | **281392620** |
| 1" 1/4 | 1"7/8 12h UNF | **281393020** |
| 1"1/2 | 1"7/8 12h UN | **281393024** |
| 2" | 2"1/2 12h UN | **281394032** |

## Machos una sola pieza rosca cónica NPT

One piece NPT male

Mâle pré-serti NPT

Maschio compatto conico NPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/8" NPT | **281610204** |
| 1/4" | 1/4" NPT | **281610404** |
| 5/16" | 1/4" NPT | **281610405** |
| 3/8" | 1/4" NPT | **281610406** |
| 1/4" | 3/8"NPT | **281610604** |
| 5/16" | 3/8" NPT | **281610605** |
| 3/8" | 3/8" NPT | **281610606** |
| 1/2" | 3/8" NPT | **281610608** |
| 3/8" | 1/2" NPT | **281610806** |
| 1/2" | 1/2" NPT | **281610808** |
| 5/8" | 1/2" NPT | **281610810** |
| 1/2" | 3/4" NPT | **281611208** |
| 5/8" | 3/4" NPT | **281611210** |
| 3/4" | 3/4" NPT | **281611212** |
| 1" | 3/4" NPT | **281611216** |
| 3/4" | 1" NPT | **281611612** |
| 1" | 1" NPT | **281611616** |
| 1" | 1" 1/4 NPT | **281612016** |
| 1"1/4 | 1"1/4 NPT | **281612020** |
| 1" 1/4 | 1"1/2 NPT | **281612420** |
| 1"1/2 | 1"1/2 NPT | **281612424** |
| 1" 1/2 | 2" NPT | **281613224** |
| 2" | 2" NPT | **281613232** |

## Hembras giratorias rectas una sola pieza rosca NPSM cono 60°

One piece NPSM female 60° cone

Femelle pré-sertie NPSM cône 60°

Femmina diritta compatta NPSM sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" 18h NPSM | **282610404** |
| 3/8" | 3/8" 18h NPSM | **282610606** |
| 1/2" | 1/2" 14h NPSM | **282610808** |
| 3/4" | 3/4" 14h NPSM | **282611212** |
| 1" | 1" - 11 1/2 h NPSM | **282611616** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrAle®

## Hembras giratorias rectas una sola pieza ORFS

One piece ORFS female

Femelle pré-sertie ORFS

Femmina diritta compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h | **289000904** |
| 1/4" | 11/16" 16h | **289001104** |
| 5/16" | 11/16" 16h | **289001105** |
| 3/8" | 11/16" 16h | **289001106** |
| 3/8" | 13/16" 16h | **289001306** |
| 1/2" | 13/16" 16h | **289001308** |
| 1/2" | 1" 14h | **289001608** |
| 5/8" | 1" 14h | **289001610** |
| 1/2" | 1"3/16 12h | **289001908** |
| 3/4" | 1"3/16 12h | **289001912** |
| 3/4" | 1"7/16 12h | **289002312** |
| 1" | 1"7/16 12h | **289002316** |
| 1"1/4 | 1"11/16 12h | **289002720** |
| 1"1/2 | 2" 12h | **289003224** |

## Hembras giratorias 90° una sola pieza ORFS

One piece ORFS female (90° Elbow)

Coude 90° femelle pré-sertie ORFS

Femmina 90° compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h | **289070904** |
| 1/4" | 11/16" 16h | **289071104** |
| 5/16" | 11/16" 16h | **289071105** |
| 3/8" | 11/16" 16h | **289071106** |
| 3/8" | 13/16" 16h | **289071306** |
| 1/2" | 13/16" 16h | **289071308** |
| 1/2" | 1" 14h | **289071608** |
| 5/8" | 1" 14h | **289071610** |
| 1/2" | 1"3/16 12h | **289071908** |
| 3/4" | 1"3/16 12h | **289071912** |
| 3/4" | 1"7/16 12h | **289072312** |
| 1" | 1"7/16 12h | **289072316** |
| 1"1/4 | 1"11/16 12h | **289072720** |
| 1"1/2 | 2" 12h | **289073224** |

## Machos una sola pieza ORFS

One piece ORFS male

Mâle pré-serti ORFS

Maschio compatto ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h | **289120904** |
| 1/4" | 11/16" 16h | **289121104** |
| 5/16" | 11/16" 16h | **289121105** |
| 3/8" | 11/16" 16h | **289121106** |
| 3/8" | 13/16" 16h | **289121306** |
| 1/2" | 13/16" 16h | **289121308** |
| 1/2" | 1" 14h | **289121608** |
| 5/8" | 1" 14h | **289121610** |
| 1/2" | 1"3/16 12h | **289121908** |
| 3/4" | 1"3/16 12h | **289121912** |
| 3/4" | 1"7/16 12h | **289122312** |
| 1" | 1"7/16 12h | **289122316** |
| 1"1/4 | 1"11/16 12h | **289122720** |

## Hembras giratorias 45° una sola pieza ORFS

One piece ORFS female (45° Elbow)

Coude 45° femelle pré-sertie ORFS

Femmina 45° compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 9/16" 18h | **289080904** |
| 1/2" | 1" 14h | **289081008** |
| 1/4" | 11/16" 16h | **289081104** |
| 5/16" | 11/16" 16h | **289081105** |
| 3/8" | 11/16" 16h | **289081106** |
| 3/8" | 13/16" 16h | **289081306** |
| 1/2" | 13/16" 16h | **289081308** |
| 5/8" | 1" 14h | **289081610** |
| 1/2" | 1"3/16 12h | **289081908** |
| 3/4" | 1"3/16 12h | **289081912** |
| 3/4" | 1"7/16 12h | **289082312** |
| 1" | 1"7/16 12h | **289082316** |
| 1"1/4 | 1"11/16 12h | **289082720** |
| 1"1/2 | 2" 12h | **289083224** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrΔle®

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



## Bridas rectas una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE Straight Flange / Code 61

Bride SAE droite pré-sertie série 3000 PSI

Flangia diritta compatta SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **281820808** |
| 1/2" | 38.1 | **281821208** |
| 5/8" | 38.1 | **281821210** |
| 3/4" | 38.1 | **281821212** |
| 3/4" | 44.5 | **281821612** |
| 1" | 44.5 | **281821616** |
| 1" | 50.8 | **281822016** |
| 1"1/4 | 50.8 | **281822020** |
| 1" 1/4 | 60.3 | **281822420** |
| 1"1/2 | 60.3 | **281822424** |
| 1" 1/2 | 71.4 | **281823224** |
| 2" | 71.4 | **281823232** |

## Bridas rectas una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE Straight Flange / Code 62

Bride SAE droite pré-sertie série 6000 PSI

Flangia diritta compatta SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **282820808** |
| 1/2" | 41.3 | **282821208** |
| 5/8" | 41.3 | **282821210** |
| 3/4" | 41.3 | **282821212** |
| 3/4" | 47.6 | **282821612** |
| 1" | 47.6 | **282821616** |
| 1" | 54 | **282822016** |
| 1"1/4 | 54 | **282822020** |
| 1" 1/4 | 63.5 | **282822420** |
| 1"1/2 | 63.5 | **282822424** |
| 1" 1/2 | 79.4 | **282823224** |
| 2" | 79.4 | **282823232** |

## Bridas 90° una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE 90° Flange / Code 61

Bride SAE coude 90° pré-sertie série 3000 PSI

Flangia 90° compatta SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **281830808** |
| 1/2" | 38.1 | **281831208** |
| 5/8" | 38.1 | **281831210** |
| 3/4" | 38.1 | **281831212** |
| 3/4" | 44.5 | **281831612** |
| 1" | 44.5 | **281831616** |
| 1" | 50.8 | **281832016** |
| 1"1/4 | 50.8 | **281832020** |
| 1" 1/4 | 60.3 | **281832420** |
| 1"1/2 | 60.3 | **281832424** |
| 1" 1/2 | 71.4 | **281833224** |
| 2" | 71.4 | **281833232** |

## Bridas 90° una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE 90° Flange / Code 62

Bride SAE coude 90° pré-sertie série 6000 PSI

Flangia 90° compatta SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **282830808** |
| 1/2" | 41.3 | **282831208** |
| 5/8" | 41.3 | **282831210** |
| 3/4" | 41.3 | **282831212** |
| 3/4" | 47.6 | **282831612** |
| 1" | 47.6 | **282831616** |
| 1" | 54 | **282832016** |
| 1"1/4 | 54 | **282832020** |
| 1" 1/4 | 63.5 | **282832420** |
| 1"1/2 | 63.5 | **282832424** |
| 1" 1/2 | 79.4 | **282833224** |
| 2" | 79.4 | **282833232** |

## Bridas 45° una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE 45° Flange / Code 61

Bride SAE coude 45° pré-sertie série 3000 PSI

Flangia 45° compatta SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **281840808** |
| 1/2" | 38.1 | **281841208** |
| 5/8" | 38.1 | **281841210** |
| 3/4" | 38.1 | **281841212** |
| 3/4" | 44.5 | **281841612** |
| 1" | 44.5 | **281841616** |
| 1" | 50.8 | **281842016** |
| 1"1/4 | 50.8 | **281842020** |
| 1" 1/4 | 60.3 | **281842420** |
| 1"1/2 | 60.3 | **281842424** |
| 1" 1/2 | 71.4 | **281843224** |
| 2" | 71.4 | **281843232** |

## Bridas 45° una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE 45° Flange / Code 62

Bride SAE coude 45° pré-sertie série 6000 PSI

Flangia 45° compatta SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **282840808** |
| 1/2" | 41.3 | **282841208** |
| 5/8" | 41.3 | **282841210** |
| 3/4" | 41.3 | **282841212** |
| 3/4" | 47.6 | **282841612** |
| 1" | 47.6 | **282841616** |
| 1" | 54 | **282842016** |
| 1"1/4 | 54 | **282842020** |
| 1" 1/4 | 63.5 | **282842420** |
| 1"1/2 | 63.5 | **282842424** |
| 1" 1/2 | 79.4 | **282843224** |
| 2" | 79.4 | **282843232** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrAle®

## Bridas rectas una sola pieza SAE 9000 PSI

One piece 9000 PSI SAE Straight Flange

Bride SAE droite pré-sertie série 9000 PSI

Flangia diritta compatta SAE 9000 PSI



| DN | Ø | Referencia<br>Part n° |
|---|---|---|
| 3/4" | 41.3 | **482821212** |
| 3/4" | 47.6 | **482821612** |
| 1" | 47.6 | **482821616** |
| 1" | 54 | **482822016** |
| 1" 1/4 | 54 | **482822020** |
| 1" 1/2 | 63.5 | **482822424** |

## Bridas 90° una sola pieza SAE 9000 PSI

One piece 9000 PSI SAE 90° Flange

Bride SAE coude 90° pré-sertie série 9000 PSI

Flangia 90° compatta SAE 9000 PSI



| DN | Ø | Referencia<br>Part n° |
|---|---|---|
| 1/2" | 41.3 | **482831212** |
| 3/4" | 47.6 | **482831612** |
| 1" | 47.6 | **482831616** |
| 1" | 54 | **482832016** |
| 1" 1/4 | 54 | **482832020** |
| 1" 1/2 | 63.5 | **482832424** |

## Bridas 45° una sola pieza SAE 9000 PSI

One piece 9000 PSI SAE 45° Flange

Bride SAE coude 45° pré-sertie série 9000 PSI

Flangia 45° compatta SAE 9000 PSI



| DN | Ø | Referencia<br>Part n° |
|---|---|---|
| 1/2" | 41.3 | **482841212** |
| 3/4" | 47.6 | **482841612** |
| 1" | 47.6 | **482841616** |
| 1" | 54 | **482842016** |
| 1" 1/4 | 54 | **482842020** |
| 1" 1/2 | 63.5 | **482842424** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrΔle®

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



## Hembras giratorias rectas una sola pieza rosca Métrica cono 24° - DKO

One piece Metric female cone 24°

Femelle pré-sertie Métrique cône 24°

Femmina diritta compatta metrica sede 24°+O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|---|
| 1/4" | 6 | L | M12x1.5 | | **28804120604** |
| 1/4" | 8 | L | M14x1.5 | | **28804140804** |
| 1/4" | 10 | L | M16X1.5 | | **28804161004** |
| 5/16" | 10 | L | M16x1.5 | | **28804161005** |
| 3/8" | 10 | L | M16x1.5 | | **28804161006** |
| 1/4" | 12 | L | M18X1.5 | | **28804181204** |
| 5/16" | 12 | L | M18X1.5 | | **28804181205** |
| 3/8" | 12 | L | M18x1.5 | | **28804181206** |
| 1/2" | 12 | L | M18x1.5 | NEW | **28804181208** |
| 3/8" | 15 | L | M22X1.5 | | **28804221506** |
| 1/2" | 15 | L | M22x1.5 | | **28804221508** |
| 1/2" | 18 | L | M26x1.5 | | **28804261808** |
| 5/8" | 18 | L | M26x1.5 | | **28804261810** |
| 3/4" | 18 | L | M26x1.5 | | **28804261812** |
| 5/8" | 22 | L | M30x2 | NEW | **28804302210** |
| 3/4" | 22 | L | M30x2 | | **28804302212** |
| 3/4" | 18 | L | M36x2 | NEW | **28804362812** |
| 1" | 28 | L | M36x2 | | **28804362816** |
| 1"1/4 | 35 | L | M45x2 | | **28804453520** |
| 1"1/2 | 42 | L | M52x2 | | **28804524224** |
| 1/4" | 6 | S | M14x1.5 | NEW | **28804140604** |
| 1/4" | 8 | S | M16x1.5 | | **28804160804** |
| 1/4" | 10 | S | M18x1.5 | | **28804181004** |
| 3/8" | 10 | S | M18x1.5 | NEW | **28804181006** |
| 1/4" | 12 | S | M20X1.5 | NEW | **28804201204** |
| 5/16" | 12 | S | M20X1.5 | | **28804201205** |
| 3/8" | 12 | S | M20x1.5 | | **28804201206** |
| 1/2" | 12 | S | M20X1.5 | | **28804201208** |
| 3/8" | 14 | S | M22X1.5 | | **28804221406** |
| 1/2" | 14 | S | M22X1.5 | NEW | **28804221408** |
| 3/8" | 16 | S | M24x1.5 | NEW | **28804241606** |
| 1/2" | 16 | S | M24x1.5 | | **28804241608** |
| 5/8" | 16 | S | M24x1.5 | | **28804241610** |
| 1/2" | 20 | S | M30x2 | NEW | **28804302008** |
| 5/8" | 20 | S | M30x2 | | **28804302010** |
| 3/4" | 20 | S | M30x2 | | **28804302012** |
| 3/4" | 25 | S | M36x2 | | **28804362512** |
| 1" | 25 | S | M36x2 | | **28804362516** |
| 1" | 30 | S | M42x2 | | **28804423016** |
| 1"1/4 | 38 | S | M52x2 | | **28804523820** |

## Machos una sola pieza rosca Métrica cono 24°

One piece Metric male cone 24°

Mâle pré-serti Métrique cône 24°

Maschio compatto metrico sede 24°+O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 1/4" | 6 | L | M12x1.5 | **28203120604** |
| 1/4" | 8 | L | M14x1.5 | **28203140804** |
| 1/4" | 10 | L | M16X1.5 | **28203161004** |
| 5/16" | 10 | L | M16x1.5 | **28203161005** |
| 3/8" | 10 | L | M16x1.5 | **28203161006** |
| 1/4" | 12 | L | M18X1.5 | **28203181204** |
| 5/16" | 12 | L | M18X1.5 | **28203181205** |
| 3/8" | 12 | L | M18x1.5 | **28203181206** |
| 3/8" | 15 | L | M22X1.5 | **28203221506** |
| 1/2" | 15 | L | M22x1.5 | **28203221508** |
| 1/2" | 18 | L | M26X1.5 | **28203261808** |
| 5/8" | 18 | L | M26x1.5 | **28203261810** |
| 3/4" | 22 | L | M30x2 | **28203302212** |
| 1" | 28 | L | M36x2 | **28203362816** |
| 1"1/4 | 35 | L | M45x2 | **28203453520** |
| 1"1/2 | 42 | L | M52x2 | **28203524224** |
| 1/4" | 8 | S | M16x1.5 | **28203160804** |
| 1/4" | 10 | S | M18x1.5 | **28203181004** |
| 5/16" | 10 | S | M18X1.5 | **28203181005** |
| 3/8" | 10 | S | M18X1.5 | **28203181006** |
| 5/16" | 12 | S | M20X1.5 | **28203201205** |
| 3/8" | 12 | S | M20x1.5 | **28203201206** |
| 3/8" | 14 | S | M22X1.5 | **28203221406** |
| 1/2" | 16 | S | M24x1.5 | **28203241608** |
| 5/8" | 20 | S | M30x2 | **28203302010** |
| 3/4" | 20 | S | M30x2 | **28203302012** |
| 3/4" | 25 | S | M36x2 | **28203362512** |
| 1" | 25 | S | M36x2 | **28203362516** |
| 1" | 30 | S | M42x2 | **28203423016** |
| 1"1/4 | 38 | S | M52x2 | **28203523820** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrAle®

## Hembras giratorias 90° una sola pieza Métricas cono 24° - DKO 90°

One piece Metric female cone 24°(90° Elbow)

Coude 90° femelle pré-sertie Métrique cône 24°

Femmina 90° compatta metrica sede 24°+O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|---|
| 1/4" | 6 | L | M12x1.5 | | **28305120604** |
| 1/4" | 8 | L | M14x1.5 | | **28305140804** |
| 1/4" | 10 | L | M16X1.5 | | **28305161004** |
| 5/16" | 10 | L | M16x1.5 | | **28305161005** |
| 3/8" | 10 | L | M16X1.5 | | **28305161006** |
| 1/4" | 12 | L | M18X1.5 | NEW | **28305181204** |
| 5/16" | 12 | L | M18X1.5 | | **28305181205** |
| 3/8" | 12 | L | M18x1.5 | | **28305181206** |
| 3/8" | 15 | L | M22X1.5 | | **28305221506** |
| 1/2" | 15 | L | M22x1.5 | | **28305221508** |
| 1/2" | 18 | L | M26x1.5 | NEW | **28305261808** |
| 5/8" | 18 | L | M26x1.5 | | **28305261810** |
| 5/8" | 22 | L | M30x2 | NEW | **28305302210** |
| 3/4" | 22 | L | M30x2 | | **28305302212** |
| 1" | 28 | L | M36x2 | | **28305362816** |
| 1"1/4 | 35 | L | M45x2 | | **28305453520** |
| 1"1/2 | 42 | L | M52x2 | | **28305524224** |
| 1/4" | 8 | S | M16x1.5 | | **28305160804** |
| 1/4" | 10 | S | M18x1.5 | | **28305181004** |
| 5/16" | 10 | S | M18X1.5 | | **28305181005** |
| 3/8" | 10 | S | M18X1.5 | | **28305181006** |
| 1/4" | 12 | S | M20X1.5 | NEW | **28305201204** |
| 5/16" | 12 | S | M20X1.5 | | **28305201205** |
| 3/8" | 12 | S | M20x1.5 | | **28305201206** |
| 3/8" | 14 | S | M22X1.5 | | **28305221406** |
| 3/8" | 16 | S | M24x1.5 | NEW | **28305241606** |
| 1/2" | 16 | S | M24x1.5 | | **28305241608** |
| 5/8" | 20 | S | M30x2 | | **28305302010** |
| 3/4" | 20 | S | M30x2 | | **28305302012** |
| 3/4" | 25 | S | M36x2 | | **28305362512** |
| 1" | 25 | S | M36x2 | | **28305362516** |
| 1" | 30 | S | M42x2 | | **28305423016** |
| 1"1/4 | 38 | S | M52x2 | | **28305523820** |

## Hembras giratorias 45° una sola pieza Métricas cono 24° - DKO 45°

One piece Metric female cone 24° (45° Elbow)

Coude 45° femelle pré-sertie Métrique cône 24°

Femmina 45° compatta metrica sede 24°+O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|---|
| 1/4" | 6 | L | M12x1.5 | | **28306120604** |
| 1/4" | 8 | L | M14x1.5 | | **28306140804** |
| 1/4" | 10 | L | M16X1.5 | | **28306161004** |
| 5/16" | 10 | L | M16x1.5 | | **28306161005** |
| 3/8" | 10 | L | M16x1.5 | | **28306161006** |
| 5/16" | 12 | L | M18X1.5 | | **28306181205** |
| 3/8" | 12 | L | M18x1.5 | | **28306181206** |
| 3/8" | 15 | L | M22X1.5 | NEW | **28306221506** |
| 1/2" | 15 | L | M22x1.5 | | **28306221508** |
| 5/8" | 18 | L | M26x1.5 | | **28306261810** |
| 3/4" | 22 | L | M30x2 | | **28306302212** |
| 1" | 28 | L | M36x2 | | **28306362816** |
| 1"1/4 | 35 | L | M45x2 | | **28306453520** |
| 1"1/2 | 42 | L | M52x2 | | **28306524224** |
| 1/4" | 6 | S | M14x1.5 | NEW | **28306140604** |
| 1/4" | 8 | S | M16x1.5 | | **28306160804** |
| 1/4" | 10 | S | M18x1.5 | | **28306181004** |
| 5/16" | 12 | S | M20X1.5 | | **28306201205** |
| 3/8" | 12 | S | M20x1.5 | | **28306201206** |
| 3/8" | 14 | S | M22X1.5 | | **28306221406** |
| 3/8" | 16 | S | M24x1.5 | NEW | **28306241606** |
| 1/2" | 16 | S | M24x1.5 | | **28306241608** |
| 5/8" | 20 | S | M30x2 | | **28306302010** |
| 3/4" | 20 | S | M30x2 | | **28306302012** |
| 3/4" | 25 | S | M36x2 | | **28306362512** |
| 1" | 25 | S | M36x2 | | **28306362516** |
| 1" | 30 | S | M42x2 | | **28306423016** |
| 1"1/4 | 38 | S | M52x2 | | **28306523820** |

## Orientable una sola pieza Métrico Recto

One piece Banjo metric

Banjo droit pré-serti Métrique

Raccordo ad occhio Metrico compatto



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/4" | M10x1 | **281161004** |
| 1/4" | M12x1.5 | **281161204** |
| 1/4" | M14x1.5 | **281161404** |
| 5/16" | M14x1.5 | **281161405** |
| 3/8" | M14x1.5 | **281161406** |
| 5/16" | M16x1.5 | **281161605** |
| 3/8" | M16x1.5 | **281161606** |
| 3/8" | M18x1.5 | **281161806** |
| 1/2" | M18x1.5 | **281161808** |
| 1/2" | M22x1.5 | **281162208** |
| 5/8" | M22x1.5 | **281162210** |
| 3/4" | M30x2 | **281163012** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrAle®

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



## Hembras giratorias una sola pieza Métricas cono 24° /60°

One piece Female metric swivel 24° /60° cone

Femelle tournante pré-sertie Métrique cône 24°-60°

Femmina Metrica Girevole Multiseal compatta 24° /60°



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 8L | M14X1.5 | **284049511** |
| 1/4" | 10L | M16X1.5 | **284049520** |
| 5/16" | 10L | M16X1.5 | **284049523** |
| 3/8" | 10L | M16X1.5 | **284049524** |
| 5/16" | 12L | M18X1.5 | **284049525** |
| 3/8" | 12L | M18X1.5 | **284049535** |
| 3/8" | 15L | M22X1.5 | **284049552** |
| 1/2" | 15L | M22X1.5 | **284049555** |
| 5/8" | 18L | M26X1.5 | **284049571** |

## Hembras giratorias 90° una sola pieza Métricas cono 24° /60°

One piece Female metric swivel 24° /60° cone (90° Elbow)

Femelle tournante coude 90° pré-sertie Métrique cône 24°-60°

Femmina Metrica Girevole a 90° Multiseal compatta 24° /60°



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 8L | M14X1.5 | **284059511** |
| 1/4" | 10L | M16X1.5 | **284059520** |
| 5/16" | 10L | M16X1.5 | **284059523** |
| 3/8" | 10L | M16X1.5 | **284059524** |
| 5/16" | 12L | M18X1.5 | **284059525** |
| 3/8" | 12L | M18X1.5 | **284059535** |
| 3/8" | 15L | M22X1.5 | **284059552** |
| 1/2" | 15L | M22X1.5 | **284059555** |
| 5/8" | 18L | M26X1.5 | **284059571** |

## Hembras giratorias 45° una sola pieza Métricas cono 24° /60°

One piece Female metric swivel 24° /60° cone (45° Elbow)

Femelle tournante coude 45° pré-sertie Métrique cône 24°-60°

Femmina Metrica Girevole a 45° Multiseal compatta 24° /60°



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 1/4" | 8L | M14X1.5 | **284069511** |
| 5/16" | 10L | M16X1.5 | **284069523** |
| 3/8" | 10L | M16X1.5 | **284069524** |
| 5/16" | 12L | M18X1.5 | **284069525** |
| 3/8" | 12L | M18X1.5 | **284069535** |
| 1/2" | 15L | M22X1.5 | **284069555** |
| 5/8" | 18L | M26X1.5 | **284069571** |

## Espiga lisa recta una sola pieza Métrica

One piece Metric standpipe

Embout lisse droit pré-serti Métrique

Estremitá tubolare diritta Metrica compatta



| DN | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 1/4" | 6 | **281580604** |
| 1/4" | 8 | **281580804** |
| 5/16" | 8 | **281580805** |
| 1/4" | 10 | **281581004** |
| 5/16" | 10 | **281581005** |
| 3/8" | 10 | **281581006** |
| 1/4" | 12 | **281581204** |
| 5/16" | 12 | **281581205** |
| 3/8" | 12 | **281581206** |
| 1/2" | 12 | **281581208** |
| 3/8" | 14 | **281581406** |
| 1/2" | 14 | **281581408** |
| 3/8" | 15 | **281581506** |
| 1/2" | 15 | **281581508** |
| 1/2" | 16 | **281581608** |
| 1/2" | 18 | **281581808** |
| 5/8" | 18 | **281581810** |
| 3/4" | 20 | **281582012** |
| 3/4" | 22 | **281582212** |
| 1" | 25 | **281582516** |
| 1" | 28 | **281582816** |
| 1" | 30 | **281583016** |
| 1"1/4 | 35 | **281583520** |
| 1"1/2 | 42 | **281584224** |

## Hembras giratorias rectas una sola pieza Komatsu cono 60°

One piece Komatsu swivel female 60° cone

Femelle tournante droite Komatsu pré-serti Métrique (cône 60°)

Femmina Komatsu sede 60° compatta



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | M14X1.5 | **288049625** |
| 3/8" | M18X1.5 | **288049635** |
| 1/2" | M22X1.5 | **288049655** |
| 5/8" | M24X1.5 | **288049665** |
| 3/4" | M30X1.5 | **288049684** |
| 1" | M33X1.5 | **288049685** |

## Espigas de prensar dobles una sola pieza

One piece Double crimp standpipe

Embout double jonction pré-serti

Giunzione tubo-tubo compatta



| DN | Referencia Part n° |
|---|---|
| 1/4" | **283000404** |
| 5/16" | **283000505** |
| 3/8" | **283000606** |
| 1/2" | **283000808** |
| 3/4" | **283001212** |
| 1" | **283001616** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrΔle®

## Hembras giratorias rectas una sola pieza rosca BSP cono 60°

One piece BSP female 60° cone

Femelle pré-sertie BSP cône 60°

Femmina diritta compatta BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/8" BSP | **281000204** |
| 3/16" | 1/4" BSP | **281000403** |
| 1/4" | 1/4" BSP | **281000404** |
| 5/16" | 1/4" BSP | **281000405** |
| 3/8" | 1/4" BSP | **281000406** |
| 1/4" | 3/8" BSP | **281000604** |
| 5/16" | 3/8" BSP | **281000605** |
| 3/8" | 3/8" BSP | **281000606** |
| 1/2" | 3/8" BSP | **281000608** |
| 1/4" | 1/2" BSP | **281000804** |
| 3/8" | 1/2" BSP | **281000806** |
| 1/2" | 1/2" BSP | **281000808** |
| 5/8" | 1/2" BSP | **281000810** |
| 1/2" | 5/8" BSP | **281001008** |
| 5/8" | 3/4" BSP | **281001210** |
| 5/8" | 5/8" BSP | **281001010** |
| 1/2" | 3/4" BSP | **281001208** |
| 3/4" | 3/4" BSP | **281001212** |
| 3/4" | 1" BSP | **281001612** |
| 1" | 1" BSP | **281001616** |

## Hembras giratorias rectas una sola pieza rosca BSP cono 60° doble hexagonal

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonel

Femmina diritta compatta BSP sede 60° doppio esagono



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **284000404** |
| 5/16" | 3/8" BSP | **284000605** |
| 3/8" | 3/8" BSP | **284000606** |
| 1/2" | 1/2" BSP | **284000808** |
| 3/4" | 3/4" BSP | **284001212** |
| 1" | 1" BSP | **284001616** |
| 1"1/4 | 1"1/4 BSP | **284002020** |
| 1"1/2 | 1"1/2 BSP | **284002424** |
| 2" | 2" BSP | **284003232** |

## Hembras giratorias 90° una sola pieza BSP cono 60° (compactas)

One piece BSP Swivel female 60° cone compact (90° Elbow)

Coude 90° femelle tournante pré-serti compact gaz cyl BSP 60°

Femmina compatta 90° BSP sede 60° serie compatta



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **281270404** |
| 3/8" | 3/8" BSP | **281270606** |
| 1/2" | 1/2" BSP | **281270808** |
| 3/4" | 3/4" BSP | **281271212** |

## Hembras giratorias 90° una sola pieza rosca BSP cono 60°

One piece BSP female cone 60° (90° Elbow)

Coude 90° femelle pré-sertie BSP cône 60°

Femmina 90° compatta BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/8" BSP | **281070204** |
| 1/4" | 1/4" BSP | **281070404** |
| 1/4" | 3/8" BSP | **281070604** |
| 5/16" | 3/8" BSP | **281070605** |
| 3/8" | 3/8" BSP | **281070606** |
| 1/4" | 1/2" BSP | **281070804** |
| 3/8" | 1/2" BSP | **281070806** |
| 1/2" | 1/2" BSP | **281070808** |
| 1/2" | 5/8" BSP | **281071008** |
| 5/8" | 5/8" BSP | **281071010** |
| 1/2" | 3/4" BSP | **281071208** |
| 5/8" | 3/4" BSP | **281071210** |
| 3/4" | 3/4" BSP | **281071212** |
| 3/4" | 1" BSP | **281071612** |
| 1" | 1" BSP | **281071616** |

## Hembras giratorias 45° una sola pieza rosca BSP cono 60°

One piece BSP female 60° cone (45° Elbow)

Coude 45° femelle pré-sertie BSP cône 60°

Femmina 45° compatta BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/8" BSP | **281080204** |
| 1/4" | 1/4" BSP | **281080404** |
| 1/4" | 3/8" BSP | **281080604** |
| 5/16" | 3/8" BSP | **281080605** |
| 3/8" | 3/8" BSP | **281080606** |
| 3/8" | 1/2" BSP | **281080806** |
| 1/2" | 1/2" BSP | **281080808** |
| 1/2" | 5/8" BSP | **281081008** |
| 5/8" | 5/8" BSP | **281081010** |
| 5/8" | 3/4" BSP | **281081210** |
| 3/4" | 3/4" BSP | **281081212** |
| 3/4" | 1" BSP | **281081612** |
| 1" | 1" BSP | **281081616** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrAle®

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17



## Hembras giratorias rectas una sola pieza rosca BSP cono 60° con junta tórica

One piece BSP female 60° cone +o'ring

Femelle pré-sertie BSP cône 60°+ o'ring

Femmina diritta compatta BSP sede 60°+o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **281100404** |
| 3/8" | 3/8" BSP | **281100606** |
| 1/2" | 1/2" BSP | **281100808** |
| 5/8 | 5/8" BSP | **281101010** |
| 5/8" | 3/4" BSP | **281101210** |
| 3/4" | 3/4" BSP | **281101212** |
| 1" | 1" BSP | **281101616** |
| 1" | 1"1/4 BSP | **281102016** |
| 1" 1/4 | 1"1/4 BSP | **281102020** |
| 1" 1/4 | 1" 1/2 BSP | **281102420** |
| 1" 1/2 | 1" 1/2 BSP | **281102424** |
| 1" 1/2 | 2" BSP | **281103224** |
| 2" | 2" BSP | **281103232** |

## Hembras giratorias 90° una sola pieza rosca BSP cono 60° con junta tórica

One piece BSP female cone 60° (90° Elbow) +o'ring

Coude 90° femelle pré-sertie BSP cône 60° +o'ring

Femmina 90° compatta BSP sede 60° +o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **281170404** |
| 3/8" | 3/8" BSP | **281170606** |
| 1/2" | 1/2" BSP | **281170808** |
| 5/8" | 5/8" BSP | **281171010** |
| 3/4" | 3/4" BSP | **281171212** |
| 1" | 1" BSP | **281171616** |
| 1" | 1" 1/4 BSP | **281172016** |
| 1"1/4 | 1"1/4 BSP | **281172020** |
| 1" 1/4 | 1" 1/2 BSP | **281172420** |
| 1"1/2 | 1"1/2 BSP | **281172424** |
| 2" | 2" BSP | **281173232** |

## Hembras giratorias 45° una sola pieza rosca BSP cono 60° con junta tórica

One piece BSP female 60° cone (45° Elbow) +o'ring

Coude 45° femelle pré-sertie BSP cône 60° +o'ring

Femmina 45° compatta BSP sede 60° +o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" BSP | **281180606** |
| 1/2" | 1/2" BSP | **281180808** |
| 5/8" | 5/8" BSP | **281181010** |
| 3/4" | 3/4" BSP | **281181212** |
| 1" | 1" BSP | **281181616** |
| 1"1/4 | 1"1/4 BSP | **281182020** |
| 1"1/2 | 1"1/2 BSP | **281182424** |
| 2" | 2" BSP | **281183232** |

## Hembras giratorias rectas una sola pieza BSP asiento plano

One piece BSP Swivel female flat seat

Femelle pré-sertie tournante fond plat BSP

Femmina diritta compatta BSP sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **282000404** |
| 5/16" | 3/8" BSP | **282000605** |
| 3/8" | 3/8" BSP | **282000606** |
| 3/8" | 1/2" BSP | **282000806** |
| 1/2" | 1/2" BSP | **282000808** |
| 1/2" | 3/4" BSP | **282001208** |
| 3/4" | 3/4" BSP | **282001212** |
| 1" | 1" BSP | **282001616** |
| 1" 1/4 | 1"1/4 BSP | **282002020** |
| 1" 1/2 | 1" 1/2 BSP | **282002424** |

## Hembras giratorias 90° una sola pieza BSP asiento plano

One piece BSP Swivel female flat seat (90° Elbow)

Embout pré-serti coude 90° femelle tournante fond plat BSP

Femmina a 90° compatta BSP sede 60° sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **282070404** |
| 3/8" | 3/8" BSP | **282070606** |
| 1/2" | 1/2" BSP | **282070808** |
| 3/4" | 3/4" BSP | **282071212** |
| 1" | 1" BSP | **282071616** |

## Macho rosca cilíndrica BSP una sola pieza asiento plano

One piece BSP Male flat seat

Mâle pré-serti fixe gaz cyl fond plat

Maschio BSP compatto cilindrico sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **282120404** |
| 3/8" | 3/8" BSP | **282120606** |
| 3/8" | 1/2" BSP | **282120806** |
| 1/2" | 1/2" BSP | **282120808** |
| 3/4" | 3/4" BSP | **282121212** |
| 1" | 1" BSP | **282121616** |

# Conexiones Serie 43 una sola pieza 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

One piece fittings 43 Series 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Embouts pré-sertis Série 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17
Raccordi un pezzo Serie 43 1SN / R1AT / 2SN / R2AT / R16 / 2SC / 3TE / R17

TrΔle®

## Machos una sola pieza rosca cilíndrica BSP cono 60°

One piece BSP male 60° cone

Mâle pré-serti BSP cône 60°

Maschio compatto cilindrico BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/8" BSP | **281120204** |
| 1/4" | 1/4" BSP | **281120404** |
| 3/8" | 1/4" BSP | **281120406** |
| 1/4" | 3/8" BSP | **281120604** |
| 5/16" | 3/8" BSP | **281120605** |
| 3/8" | 3/8" BSP | **281120606** |
| 1/2" | 3/8" BSP | **281120608** |
| 1/4" | 1/2" BSP | **281120804** |
| 3/8" | 1/2" BSP | **281120806** |
| 1/2" | 1/2" BSP | **281120808** |
| 1/2" | 5/8" BSP | **281121008** |
| 5/8" | 5/8" BSP | **281121010** |
| 1/2" | 3/4" BSP | **281121208** |
| 5/8" | 3/4" BSP | **281121210** |
| 3/4" | 3/4" BSP | **281121212** |
| 3/4" | 1" BSP | **281121612** |
| 1" | 1" BSP | **281121616** |
| 1" | 1"1/4 BSP | **281122016** |
| 1"1/4 | 1"1/4 BSP | **281122020** |
| 1"1/2 | 1"1/2 BSP | **281122424** |
| 2" | 2" BSP | **281123232** |

## Macho rosca cônica una sola pieza BSPT

One piece BSPT Male tapered

Mâle pré-serti fixe gaz conique BSPT

Maschio compatto conico BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/8" BSPT | **281140204** |
| 1/4" | 1/4" BSPT | **281140404** |
| 1/4" | 3/8" BSPT | **281140604** |
| 5/16" | 3/8" BSPT | **281140605** |
| 3/8" | 3/8" BSPT | **281140606** |
| 3/8" | 1/2" BSPT | **281140806** |
| 1/2" | 1/2" BSPT | **281140808** |
| 5/8" | 3/4" BSPT | **281141210** |
| 3/4" | 3/4" BSPT | **281141212** |
| 3/4" | 1" BSPT | **281141612** |
| 1" | 1" BSPT | **281141616** |
| 1" | 1"1/4 BSPT | **281142016** |
| 1" 1/4 | 1"1/4 BSPT | **281142020** |
| 1" 1/2 | 1" 1/2 BSPT | **281142424** |
| 2" | 2" BSPT | **281143232** |

## Orientable una sola pieza BSP

One piece Banjo BSP

Embout pré-serti Banjo droit gaz

Raccordo ad occhio compatto BSP



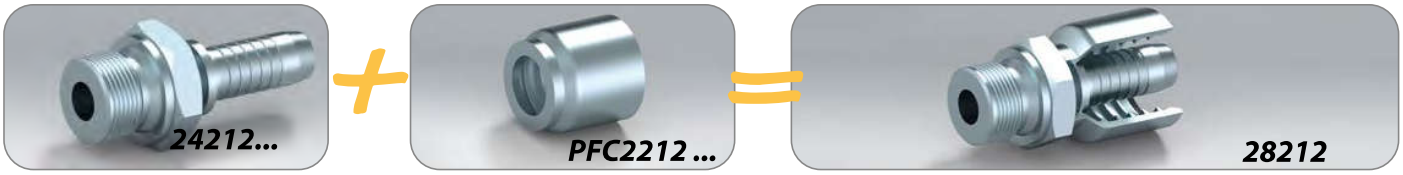
| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **281110404** |
| 5/16" | 1/4" BSP | **281110405** |
| 3/8" | 1/4" BSP | **281110406** |
| 1/4" | 3/8" BSP | **281110604** |
| 5/16" | 3/8" BSP | **281110605** |
| 3/8" | 3/8" BSP | **281110606** |
| 1/2" | 3/8" BSP | **281110608** |
| 3/8" | 1/2" BSP | **281110806** |
| 1/2" | 1/2" BSP | **281110808** |
| 5/8" | 5/8" BSP | **281111010** |
| 1/2" | 3/4" BSP | **281111208** |
| 5/8" | 3/4" BSP | **281111210** |
| 3/4" | 3/4" BSP | **281111212** |
| 1" | 1" BSP | **281111616** |

# CONFIGURE YOUR OWN ONE PIECE SERIES FITTINGS. CONSULT US.

Configura tus propias conexiones en Una sola pieza. Consúltanos.

## One piece fittings 43 Series

*Conexiones Una sola pieza Serie 43*



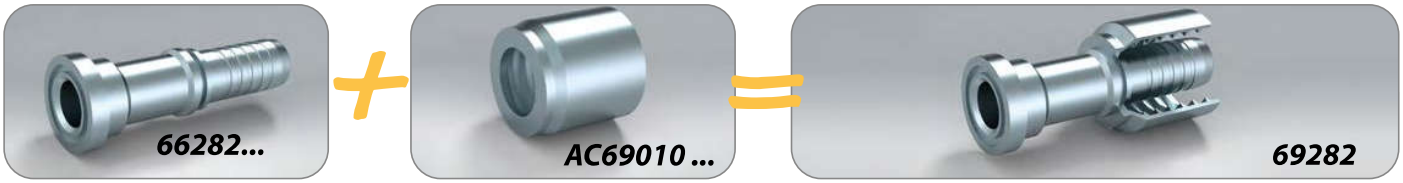

## One piece fittings BWS Serie 3SP/4SP/4SH/R12

*Conexiones Una sola pieza Serie BWS 3SP/4SP/4SH/R12*




## One piece fittings BW+ Series R13/R15

*Conexiones una sola pieza Serie BW+ R13/R15*



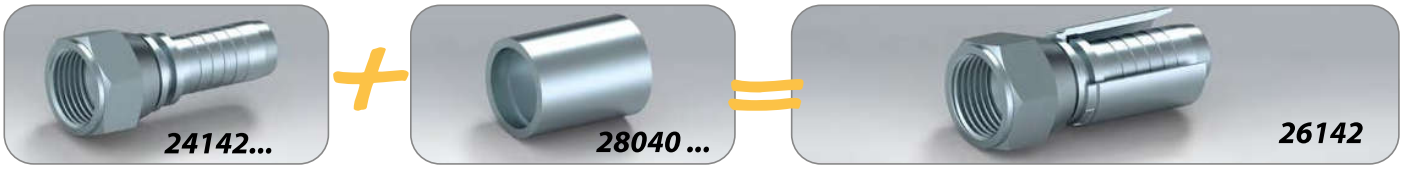

## Piece fittings R7 / R8 & braid of steel wire

*Conexiones Una sola pieza R7 / R8 y elastómero malla metálica*




## One piece fittings for smooth PTFE

*Conexiones Una sola pieza PTFE liso*




## One piece fittings for convoluted PTFE

*Conexiones Una sola pieza PTFE corrugado*



# Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE
Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

## R13 & R15 - Ø 3/4" - 1"

### Machos una sola pieza rosca JIC 37°

One piece JIC 37° male

Mâle pré-serti JIC 37°

Maschio compatto JIC sede 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 9/16" 18h UNF | **581400906** |
| 1/2" | 3/4" 16h UNF | **581401208** |
| 5/8" | 7/8" 14h UNF | **581401410** |
| 3/4" | 1"1/16 12h UN | **581401712** |
| 1" | 1"5/16 12h UN | **581402116** |
| 1"1/4 | 1"5/8 12h UN | **581402620** |
| 1"1/2 | 1"7/8 12 UN | **581403024** |
| 2" | 2"1/2 12h UN | **581404032** |

### Hembras giratorias 45° una sola pieza JIC 37°

One piece JIC 37° Swivel female (45° Elbow)

Coude 45° femelle pré-sertie JIC 37°

Femmina 45° compatta JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 9/16" 18h UNF | **581390906** |
| 1/2" | 3/4" 16h UNF | **581391208** |
| 5/8" | 7/8" 14h UNF | **581391410** |
| 3/4" | 1"1/16 12h UN | **581391712** |
| 1" | 1"5/16 12h UN | **581392116** |
| 1"1/4 | 1"5/8 12h UN | **581392620** |
| 1"1/2 | 1"7/8 12 UN | **581393024** |
| 2" | 2"1/2 12h UN | **581394032** |

### Hembras giratorias rectas una sola pieza JIC 37°

One piece JIC 37° Swivel female

Femelle pré-sertie JIC 37°

Femmina diritta compatta JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 9/16" 18h UNF | **581420906** |
| 1/2" | 3/4" 16h UNF | **581421208** |
| 5/8" | 7/8" 14h UNF | **581421410** |
| 3/4" | 1"1/16 12h UN | **581421712** |
| 1" | 1"5/16 12h UN | **581422116** |
| 1"1/4 | 1"5/8 12h UN | **581422620** |
| 1"1/2 | 1"7/8 12 UN | **581423024** |
| 2" | 2"1/2 12h UN | **581424032** |

### Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal

One piece double hexagonal JIC 37° Swivel female

Femelle pré-sertie JIC 37° double hexagonal

Femmina diritta JIC 37° doppio esagono



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 9/16" 18h UNF | **582420906** |
| 1/2" | 3/4" 16h UNF | **582421208** |
| 3/4" | 1"1/16 12h UN | **582421712** |
| 1" | 1"5/16 12h UN | **582422116** |
| 1"1/4 | 1"5/8 12h UN | **582422620** |
| 1"1/2 | 1"7/8 12 UN | **582423024** |
| 2" | 2"1/2 12h UN | **582424032** |

### Hembras giratorias 90° una sola pieza JIC 37°

One piece JIC 37° Swivel female (90° Elbow)

Coude 90° femelle pré-sertie JIC 37°

Femmina 90° compatta JIC 37°



| DN | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|
| 3/8" | 9/16" 18h UNF | **581380906** | |
| 1/2" | 3/4" 16h UNF | **581381208** | |
| 5/8" | 7/8" 14h UNF | **581381410** | |
| 3/4" | 1"1/16 12h UN | **581381712** | |
| 1" | 1"5/16 12h UN | **581382116** | |
| 1"1/4 | 1"5/8 12h UN | **581382620** | |
| 1"1/2 | 1"7/8 12 UN | **581383024** | |
| 2" | 2"1/2 12h UN | **581384032** | |

# TrAle® Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE
Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

## R13 & R15 - Ø 3/4" - 1"

### Hembras giratorias rectas una sola pieza ORFS

One piece ORFS Swivel female
Femelle pré-sertie ORFS
Femmina diritta compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 11/16" 16h UNF | **589000606** |
| 1/2" | 13/16" 16h UNF | **589000808** |
| 5/8" | 1" 14h UNF | **589001010** |
| 3/4" | 1"3/16 12h UNF | **589001212** |
| 1" | 1"7/16 12h UNF | **589001616** |
| 1"1/4 | 1"11/16 12h UNF | **589002020** |
| 1"1/2 | 2" 12h UNF | **589002424** |

### Hembras giratorias 90° una sola pieza ORFS

One piece ORFS Swivel female (90° Elbow)
Coude 90° femelle pré-sertie ORFS
Femmina 90° compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 11/16" 16h UNF | **589070606** |
| 1/2" | 13/16" 16h UNF | **589070808** |
| 5/8" | 1" 14h UNF | **589071010** |
| 3/4" | 1"3/16 12h UNF | **589071212** |
| 1" | 1"7/16 12h UNF | **589071616** |
| 1"1/4 | 1"11/16 12h UNF | **589072020** |
| 1"1/2 | 2" 12h UNF | **589072424** |

### Hembras giratorias 45° una sola pieza ORFS

One piece ORFS Swivel female (45° Elbow)
Coude 45° femelle pré-sertie ORFS
Femmina 45° compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 11/16" 16h UNF | **589080606** |
| 1/2" | 13/16" 16h UNF | **589080808** |
| 5/8" | 1" 14h UNF | **589081010** |
| 3/4" | 1"3/16 12h UNF | **589081212** |
| 1" | 1"7/16 12h UNF | **589081616** |
| 1"1/4 | 1"11/16 12h UNF | **589082020** |
| 1"1/2 | 2" 12h UNF | **589082424** |

### Machos una sola pieza ORFS

One piece ORFS male
Mâle pré-serti ORFS
Maschio compatto ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 11/16" 16h UN | **589120606** |
| 1/2" | 13/16" 16h UN | **589120808** |
| 5/8" | 1" 14h UNS | **589121010** |
| 3/4" | 1"3/16 12h UN | **589121212** |
| 1" | 1"7/16 12h UN | **589121616** |
| 1"1/4 | 1"11/16 12h UN | **589122020** |

### Hembras giratorias rectas una sola pieza rosca NPSM cono 60°

One piece NPSM Swivel female 60° cone
Femelle pré-sertie NPSM cône 60°
Femmina diritta compatta NPSM sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" NPT | **582610606** |
| 1/2" | 1/2" NPT | **582610808** |
| 3/4" | 3/4" NPT | **582611212** |
| 1" | 1" NPT | **582611616** |

### Machos una sola pieza rosca cónica NPT

One piece NPT male pipe straight
Mâle pré-serti NPT
Maschio compatto conico NPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" NPT | **581610606** |
| 1/2" | 1/2" NPT | **581610808** |
| 3/4" | 3/4" NPT | **581611212** |
| 1" | 1" NPT | **581611616** |
| 1"1/4 | 1"1/4 NPT | **581612020** |
| 1"1/2 | 1"1/2 NPT | **581612424** |
| 2" | 2" NPT | **581613232** |

# Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE
Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

## R13 & R15 - Ø 3/4" - 1"

### Bridas rectas una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE Straight Flange / Code 61

Bride SAE droite pré-sertie série 3000 PSI

Flangia diritta compatta SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **581820808** |
| 3/4" | 38.1 | **581821212** |
| 1" | 44.5 | **581821616** |
| 1"1/4 | 50.8 | **581822020** |
| 1"1/2 | 60.3 | **581822424** |
| 2" | 71.4 | **581823232** |

### Bridas 90° una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE Flange (90° Elbow)/ Code 61

Bride SAE coude 90° pré-sertie série 3000 PSI

Flangia 90° compatta SAE 3000 PSI



| DN | Ø | | Referencia Part n° |
|---|---|---|---|
| 1/2" | 30.2 | | **581830808** |
| 1/2" | 38.1 | NEW | **581831208** |
| 3/4" | 38.1 | | **581831212** |
| 1" | 44.5 | | **581831616** |
| 1"1/4 | 50.8 | | **581832020** |
| 1"1/2 | 60.3 | | **581832424** |
| 2" | 71.4 | | **581833232** |

### Bridas 45° una sola pieza SAE 3000 PSI

One piece 3000 PSI SAE Flange (45° Elbow)/ Code 61

Bride SAE coude 45° pré-sertie série 3000 PSI

Flangia 45° compatta SAE 3000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 30.2 | **581840808** |
| 3/4" | 38.1 | **581841212** |
| 1" | 44.5 | **581841616** |
| 1"1/4 | 50.8 | **581842020** |
| 1"1/2 | 60.3 | **581842424** |
| 2" | 71.4 | **581843232** |

### Bridas rectas una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE Straight Flange / Code 62

Bride SAE droite pré-sertie série 6000 PSI

Flangia diritta compatta SAE 6000 PSI



| DN | Ø | | Referencia Part n° |
|---|---|---|---|
| 1/2" | 31.8 | | **582820808** |
| 3/4" | 41.3 | | **582821212** |
| 1" | 47.6 | | **582821616** |
| 1"1/4 | 54.0 | | **582822020** |
| 1"1/2 | 63.5 | | **582822424** |
| 1"1/2 | 79.4 | NEW | **582823224** |
| 2" | 79.4 | | **582823232** |

### Bridas 90° una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE Flange (90° Elbow)/ Code 62

Bride SAE coude 90° pré-sertie série 6000 PSI

Flangia 90° compatta SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **582830808** |
| 3/4" | 41.3 | **582831212** |
| 1" | 47.6 | **582831616** |
| 1"1/4 | 54.0 | **582832020** |
| 1"1/2 | 63.5 | **582832424** |

### Bridas 45° una sola pieza SAE 6000 PSI

One piece 6000 PSI SAE Flange (45° Elbow)/ Code 62

Bride SAE coude 45° pré-sertie série 6000 PSI

Flangia 45° compatta SAE 6000 PSI



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1/2" | 31.8 | **582840808** |
| 3/4" | 41.3 | **582841212** |
| 1" | 47.6 | **582841616** |
| 1"1/4 | 54.0 | **582842020** |
| 1"1/2 | 63.5 | **582842424** |
| 2" | 79.4 | **582843232** |

# Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE

Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder

Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

## R13 & R15 - Ø 3/4" - 1"



### Hembras giratorias rectas una sola pieza rosca Métrica cono 24° - DKO

One piece Metric female cone 24°

Femelle pré-sertie Métrique cône 24°

Femmina diritta compatta metrica sede 24°+O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/8" | 10 | L | M16x1.5 | **58804161006** |
| 3/8" | 12 | L | M18x1.5 | **58804181206** |
| 3/8" | 15 | L | M22x1.5 | **58804221506** |
| 1/2" | 15 | L | M22x1.5 | **58804221508** |
| 1/2" | 18 | L | M26x1.5 | **58804261808** |
| 5/8" | 18 | L | M26x1.5 | **58804261810** |
| 3/4" | 22 | L | M30x2 | **58804302212** |
| 1" | 28 | L | M36x2 | **58804362816** |
| 1"1/4 | 35 | L | M45x2 | **58804453520** |
| 1"1/2 | 42 | L | M52x2 | **58804524224** |
| 3/8" | 12 | S | M20x1.5 | **58804201206** |
| 1/2" | 16 | S | M24x1.5 | **58804241608** |
| 5/8" | 20 | S | M30x2 | **58804302010** |
| 3/4" | 20 | S | M30x2 | **58804302012** |
| 3/4" | 25 | S | M36x2 | **58804362512** |
| 1" | 30 | S | M42x2 | **58804423016** |
| 1"1/4 | 38 | S | M45x2 | **58804523820** |

### Hembras giratorias 90° una sola pieza Métricas cono 24° - DKO 90°

One piece Metric female cone 24° (90° Elbow)

Coude 90° femelle pré-sertie Métrique cône 24°

Femmina 90° compatta metrica sede 24°+O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/8" | 10 | L | M16x1.5 | **58305161006** |
| 3/8" | 12 | L | M18x1.5 | **58305181206** |
| 1/2" | 15 | L | M22x1.5 | **58305221508** |
| 5/8" | 18 | L | M26x1.5 | **58305261810** |
| 3/4" | 22 | L | M30x2 | **58305302212** |
| 1" | 28 | L | M36x2 | **58305362816** |
| 1"1/4 | 35 | L | M45x2 | **58305453520** |
| 1"1/2 | 42 | L | M52x2 | **58305524224** |
| 3/8" | 15 | S | M20x1.5 | **58305201206** |
| 1/2" | 16 | S | M24x1.5 | **58305241608** |
| 5/8" | 20 | S | M30x2 | **58305302010** |
| 3/4" | 20 | S | M30x2 | **58305302012** |
| 3/4" | 25 | S | M36x2 | **58305362512** |
| 1" | 30 | S | M42x2 | **58305423016** |
| 1"1/4 | 38 | S | M45x2 | **58305523820** |

### Hembras giratorias 45° una sola pieza Métricas cono 24° - DKO 45°

One piece Metric female cone 24° (45° Elbow)

Coude 45° femelle pré-sertie Métrique cône 24°

Femmina 45° compatta metrica sede 24°+O'ring



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|---|---|
| 3/8" | 10 | L | M16x1.5 | **58306161006** | |
| 3/8" | 12 | L | M18x1.5 | **58306181206** | |
| 1/2" | 15 | L | M22x1.5 | **58306221508** | |
| 5/8" | 18 | L | M26x1.5 | **58306261810** | |
| 3/4" | 22 | L | M30x2 | **58306302212** | |
| 1" | 28 | L | M36x2 | **58306362816** | |
| 1"1/4 | 35 | L | M45x2 | **58306453520** | |
| 1"1/2 | 24 | L | M52x2 | **58306524224** | |
| 3/8" | 12 | S | M20x1.5 | **58306201206** | |
| 1/2" | 16 | S | M24x1.5 | **58306241608** | |
| 5/8" | 20 | S | M30x2 | **58306302010** | |
| 3/4" | 20 | S | M30x2 | **58306302012** | |
| 3/4" | 25 | S | M36x2 | **58306362512** | |
| 1" | 30 | S | M42x2 | **58306423016** | |
| 1"1/4 | 38 | S | M45x2 | **58306523820** | |

### Machos una sola pieza rosca Métrica cono 24°

One piece Metric male cone 24°

Mâle pré-serti Métrique cône 24°

Maschio compatto Metrico sede 24°



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 3/8" | 10 | L | M16x1.5 | **58203161006** |
| 3/8" | 12 | L | M18x1.5 | **58203181206** |
| 3/8" | 15 | L | M22x1.5 | **58203221506** |
| 1/2" | 15 | L | M22x1.5 | **58203221508** |
| 1/2" | 18 | L | M26x1.5 | **58203261808** |
| 5/8" | 18 | L | M26x1.5 | **58203261810** |
| 3/4" | 22 | L | M30x2 | **58203302212** |
| 1" | 28 | L | M36x2 | **58203362816** |
| 1"1/4 | 35 | L | M45x2 | **58203453520** |
| 1"1/2 | 42 | L | M52x2 | **58203524224** |
| 3/8" | 12 | S | M20x1.5 | **58203201206** |
| 1/2" | 16 | S | M24x1.5 | **58203241608** |
| 5/8" | 20 | S | M30x2 | **58203302010** |
| 3/4" | 20 | S | M30x2 | **58203302012** |
| 3/4" | 25 | S | M36x2 | **58203362512** |
| 1" | 30 | S | M42x2 | **58203423016** |
| 1"1/4 | 38 | S | M45x2 | **58203523820** |

# Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar

One piece fittings BWS SERIES 3SP/4SP/R12/4SH NO SKIVE
Embouts pré-sertis BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi compatti serie BWS R12/4SP/4SH Serie BW senza spellatura

## R13 & R15 - Ø 3/4" - 1"

### Hembras giratorias rectas una sola pieza rosca BSP cono 60° con junta tórica

One piece BSP female 60° cone +o'ring

Femelle pré-sertie BSP cône 60°+ o'ring

Femmina diritta compatta BSP sede 60°+o'ring



| DN | ROSCA THREAD | Referencia Part n° | |
|---|---|---|---|
| 3/4" | 3/4" BSP | **581101212** | |
| 1" | 1" BSP | **581101616** | |
| 1"1/4 | 1"1/4 BSP | **581102020** | |
| 1"1/2 | 1"1/2 BSP | **581102424** | |
| 2" | 2" BSP | **581103232** | 1 |

### Hembras giratorias 90° una sola pieza rosca BSP cono 60° con junta tórica

One piece BSP female cone 60° (90° Elbow) +o'ring

Coude 90° femelle pré-sertie BSP cône 60° +o'ring

Femmina 90° compatta BSP sede 60° +o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" BSP | **581170606** |
| 1/2" | 1/2" BSP | **581170808** |
| 5/8" | 5/8" BSP | **581171010** |
| 3/4" | 3/4" BSP | **581171212** |
| 1" | 1" BSP | **581171616** |
| 1"1/4 | 1"1/4 BSP | **581172020** |
| 1"1/2 | 1"1/2 BSP | **581172424** |
| 2" | 2" BSP | **581173232** |

### Hembras giratorias 45° una sola pieza rosca BSP cono 60° con junta tórica

One piece BSP female 60° cone (45° Elbow) +o'ring

Coude 45° femelle pré-sertie BSP cône 60° +o'ring

Femmina 45° compatta BSP sede 60° +o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **581182020** |
| 1"1/2 | 1"1/2 BSP | **581182424** |
| 2" | 2" BSP | **581183232** |

### Machos una sola pieza rosca cilíndrica BSP cono 60°

One piece BSP male 60° cone

Mâle pré-serti BSP cône 60°

Maschio compatto cilindrico BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" BSP | **581120606** |
| 1/2" | 1/2" BSP | **581120808** |
| 3/4" | 3/4" BSP | **581121212** |
| 1" | 1" BSP | **581121616** |
| 1"1/4 | 1"1/4 BSP | **581122020** |
| 1"1/2 | 1"1/2 BSP | **581122424** |
| 2" | 2" BSP | **581123232** |

### Hembras giratorias rectas una sola pieza rosca BSP cono 60° doble hexagonal

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonel

Femmina diritta compatta BSP sede 60° doppio esagono



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" BSP | **584000606** |
| 1/2" | 1/2" BSP | **584000808** |
| 3/4" | 3/4" BSP | **584001212** |
| 1" | 1" BSP | **584001616** |
| 1"1/4 | 1"1/4 BSP | **584002020** |
| 1"1/2 | 1"1/2 BSP | **584002424** |
| 2" | 2" BSP | **584003232** |

### Hembras giratorias rectas una sola pieza rosca BSP asiento plano

One piece BSP female flat seat

Femelle pré-sertie BSP fond plat

Femmina diritta compatta BSP sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 3/8" | 3/8" BSP | **582000606** |
| 1/2" | 1/2" BSP | **582000808** |
| 3/4" | 3/4" BSP | **582001212** |
| 1" | 1" BSP | **582001616** |
| 1"1/4 | 1"1/4 BSP | **582002020** |
| 1"1/2 | 1"1/2 BSP | **582002424** |

# BWS







MAYOR VERSATILIDAD. 1 CASQUILLO - 4 MANGUERAS
GREATER VERSATILITY. 1 FERRULE - 4 HOSES

+

REDUCCIÓN DE STOCK. USO DE ESPIGA STD
STOCK OPTIMISATION. STD SERIES

+

MENOR TIEMPO DE MONTAJE. NO PELAR
REDUCES ASSEMBLY TIME. NO SKIVE

=

AHORRO ECONÓMICO.
ECONOMIC EFFICIENCY

# BW+







ALTA PRESIÓN
HIGH PRESSURE

1" 1/4 - 1" 1/2-2

R13 - R15

+

REDUCCIÓN DE STOCK. USO DE ESPIGA BW
STOCK OPTIMISATION. BW SERIES

+

MENOR TIEMPO DE MONTAJE. NO PELAR
REDUCES ASSEMBLY TIME. NO SKIVE

# Conexiones una pieza Serie BW+ R13/R15 No Pelar

One piece fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi R13/R15 Serie BW+ senza spellatura

## R13 & R15 - Ø 3/4" - 1" BWS

### Machos una sola pieza rosca JIC 37° C/J

One piece JIC 37° male with o'ring

Mâle pré-serti JIC 37° avec joint torique

Maschio compatto JIC 37° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1" 1/4 | 1"5/8 12 UNF | **691402620** |
| 1" 1/2 | 1"7/8 12 UNF | **691403024** |
| 2" | 2"1/2 12 UNF | **691404032** |

### Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal tca engargolada NEW

One piece double hexagonal JIC 37° Swivel female wire nut

Femelle pré-sertie JIC 37° double hexagonal

Femmina diritta compatta JIC 37° doppio esagono dado spinato



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"5/8 12 UN | **695422620** |
| 1"1/2 | 1"7/8 12 UN | **695423024** |
| 2" | 2"1/2 12 UN | **695424032** |

### Hembras giratorias 90° una sola pieza rosca JIC 37° con tuerca engargolada NEW

One piece JIC 37° Swivel female (90° Elbow) wire nut

Coude 90° femelle pré-sertie JIC 37°

Femmina gir. compatta90° JIC 37° dado spinato



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"5/8 12 UN | **695382620** |
| 1"1/2 | 1"7/8 12 UN | **695383024** |
| 2" | 2"1/2 12 UN | **695384032** |

### Hembras giratorias 45° una sola pieza rosca JIC 37° con tuerca engargolada NEW

One piece JIC 37° Swivel female (45° Elbow) wire nut

Coude 45° femelle pré-sertie JIC 37°

Femmina gir. compatta45° JIC 37° dado spinato



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"5/8 12 UN | **695392620** |
| 1"1/2 | 1"7/8 12 UN | **695393024** |
| 2" | 2"1/2 12 UN | **695394032** |

### Hembras giratorias rectas una sola pieza ORFS doble hexagonal

One piece ORFS Swivel female straight double hexagonal

Femelle pré-sertie droite ORFS double hexagonale

Femmina diritta compatta ORFS doppio esagono



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1" 1/4 | 1" 11/16 12 UNF | **699012020** |
| 1" 1/2 | 2" 12 UNF | **699012424** |

### Hembras giratorias 90° una sola pieza ORFS

One piece ORFS Swivel female (90° Elbow)

Coude 90° femelle pré-sertie ORFS

Femmina 90° compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1" 11/16 12 UNF | **699072020** |
| 1"1/2 | 2" 12 UNF | **699072424** |

### Hembras giratorias 45° una sola pieza ORFS

One piece ORFS Swivel female (45° Elbow)

Coude 45° femelle pré-sertie ORFS

Femmina 45° compatta ORFS



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"11/16 12 UNF | **699082020** |
| 1"1/2 | 2" 12 UNF | **699082424** |

# Conexiones una pieza Serie BW+ R13/R15 No Pelar

One piece fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi R13/R15 Serie BW+ senza spellatura

## R13 & R15 - Ø 3/4" - 1" BWS

### Bridas recta SAE 6000 PSI

One piece 6000 PSI SAE Straight Flange / Code 62

Bride SAE droite pré-sertie série 6000 PSI

Flangia diritta compatta SAE 6000



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 | **692822020** |
| 1"1/2 | 1"1/2 | **692822424** |
| 2" | 2" | **692823232** |

### Bridas a 90° SAE 6000 PSI

One piece 6000 PSI SAE Flange (90° Elbow) / Code 62

Bride SAE coude 90° pré-sertie série 6000 PSI

Flangia 90° compatta SAE 6000



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 | **692832020** |
| 1"1/2 | 1"1/2 | **692832424** |
| 2" | 2" | **692833232** |

### Bridas a 45° SAE 6000 PSI

One piece 6000 PSI SAE Flange (45° Elbow) / Code 62

Bride SAE coude 45° pré-sertie série 6000 PSI

Flangia 45° compatta SAE 6000



| DN | Ø | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 | **692842020** |
| 1"1/2 | 1"1/2 | **692842424** |
| 2" | 2" | **692843232** |

### Machos cilíndricos una sola pieza BSP 60°

One piece BSP Male 60° cone

Mâle pré-serti gaz cylindrique BSP 60°

Maschio compatto BSP cilindrico sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **691122020** |
| 1"1/2 | 1"1/2 BSP | **691122424** |
| 2" | 2" BSP | **691123232** |

### Hembras giratorias una sóla pieza BSP 60° con junta

One piece BSP Swivel female cone 60° with o´ring

Femelle BSP pré-sertie cône 60° with o'ring

Femmina diritta compatta BSP sede 60° con guarnizione



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1" 1/4 | 1" 1/4 | **691102020** |
| 1" 1/2 | 1" 1/2 | **691102424** |

### Hembras giratorias 90° una sola pieza BSP 60° C/J

One piece BSP Swivel female 60° cone with o'ring (90° Elbow)

Coude 90° femelle pré-sertie BSP 60° avec o'ring

Femmina 90° compatta BSP sede 60° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **691172020** |

### Hembras giratorias 45° una sola pieza BSP 60° C/J

One piece BSP Swivel female 60° cone with o'ring (45° Elbow)

Coude 45° femelle pré-sertie BSP 60° avec o'ring

Femmina 45° compatta BSP sede 60° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1"1/4 | 1"1/4 BSP | **691182020** |

# Conexiones Serie Reusables

Reusable series fittings
Embouts Récuperables
Raccordi serie Recuperabile

TrAle®

## Casquillos R1AT

Ferrules R1AT/1SN

Jupes à visser R1AT/1SN

Boccola recuperabile R1AT/1SN



| DN | Referencia Part n° |
|---|---|
| 1/4" | **A1G-4 R1T** |
| 3/8" | **A1G-6 R1T** |
| 1/2" | **A1G-8 R1T** |
| 3/4" | **A1G-12 R1T** |
| 1" | **A1G-16 R1T** |

## Casquillos R2AT

Ferrules R2AT/2SN

Jupes à visser R2AT/2SN

Boccola recuperabile R2AT/2SN



| DN | Referencia Part n° |
|---|---|
| 1/4" | **A1G-4 R2T** |
| 3/8" | **A1G-6 R2T** |
| 1/2" | **A1G-8 R2T** |
| 5/8" | **A1G-10 R2T** |
| 3/4" | **A1G-12 R2T** |
| 1" | **A1G-16 R2T** |

## Hembras giratorias rectas BSP cono 60°

BSP Swivel female 60° cone

Femelle tournante gaz cyl BSP 60°

Femmina diritta recuperabile BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A3G-4** |
| 5/16" | 3/8" BSP | **A3G-6-5*** |
| 3/8" | 3/8" BSP | **A3G-6** |
| 1/2" | 1/2" BSP | **A3G-8** |
| 3/4" | 3/4" BSP | **A3G-12** |
| 1" | 1" BSP | **A3G-16** |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Hembras giratorias 90° BSP cono 60°

BSP Swept 90° elbow 60° cone

Femelle tournante coude 90° gaz cyl BSP 60°

Femmina a 90° recuperabile BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A90G-4** |
| 3/8" | 3/8" BSP | **A90G-6** |
| 1/2" | 1/2" BSP | **A90G-8** |
| 1/2" | 3/4" BSP | **A90G-12-8** |
| 3/4" | 3/4" BSP | **A90G-12*** |
| 1" | 1" BSP | **A90G-16** |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Machos rosca cilíndrica BSP cono 60°

BSP Male parallel 60° cone

Mâle gaz cyl BSP 60°

Maschio cilindrico recuperabile BSP sede 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A2G-4** |
| 3/8" | 3/8" BSP | **A2G-6** |
| 1/2" | 1/2" BSP | **A2G-8** |
| 3/4" | 3/4" BSP | **A2G-12** |
| 1" | 1" BSP | **A2G-16** |

## Espigas lisas Métricas

Metric Standpipe

Embout lisse Métrique

Estremitá tubolare Metrica recuperabile



| DN | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 1/4" | 6 | **AE 6-4** |
| 1/4" | 8 | **AE 8-4** |
| 1/4" | 10 | **AE 10-4** |
| 3/8" | 10 | **AE 10-6** |
| 3/8" | 12 | **AE 12-6** |
| 1/2" | 15 | **AE 15-8** |
| 3/4" | 22 | **AE 22-12*** |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Hembras giratorias rectas reusables rosca JIC cono 37°

Reusable JIC 37° straight swivel female

Femelle droite récuperable JIC 37°

Femmina diritta recuperabile JIC 37°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h JIC | **A3J-07-04** |
| 3/8" | 9/16" 18h JIC | **A3J-09-06** |
| 1/2" | 3/4" 16h JIC | **A3J-12-08** |
| 1/2" | 7/8" 14h JIC | **A3J-14-08** |
| 5/8" | 7/8" 14h JIC | **A3J-14-10** |
| 3/4" | 1"1/16 12h JIC | **A3J-17-12** |
| 1" | 1"5/16 12h JIC | **A3J-21-16** |

TrAle®

# Conexiones PUSH ON

PUSH ON series fittings
Embouts PUSH ON
Raccordi serie PUSH ON



## Hembras giratorias rectas rosca BSP cono 60°

BSP Swivel female 60° cone

Femelle tournante gaz cyl BSP 60°

Femmina diritta BSP sede 60° Push-On



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **391000404** |
| 3/8" | 3/8" BSP | **391000606** |
| 1/2" | 1/2" BSP | **391000808** |
| 5/8" | 5/8" BSP | **391001010** |
| 3/4" | 3/4" BSP | **391001212** |
| 1" | 1" BSP | **391001616** |

## Machos BSP 60°

BSP Male 60° cone

Mâle BSP cône 60°

Maschio BSP 60° Push-On



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **391120404** |
| 3/8" | 3/8" BSP | **391120606** |
| 1/2" | 1/2" BSP | **391120808** |
| 5/8" | 5/8" BSP | **391121010** |
| 3/4" | 3/4" BSP | **391121212** |
| 1" | 1" BSP | **391121616** |

## Hembras giratorias rectas JIC 37°

JIC Swivel female 37° cone

Femelle tournante droite JIC cône 37°

Femmina diritta JIC 37° Push-On



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20 UNF | **391420704** |
| 3/8" | 9/16" 18 UNF | **391420906** |
| 1/2" | 3/4" 16 UNF | **391421208** |
| 5/8" | 7/8" 14 UNF | **391421410** |
| 3/4" | 1"1/16 12 UN | **391421712** |
| 1" | 1"5/16 12 UN | **391422116** |

## Machos JIC 37°

JIC 37° Male

Mâle JIC 37°

Maschio JIC 37° Push-On



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20 UNF | **391400704** |
| 3/8" | 9/16" 18 UNF | **391400906** |
| 1/2" | 3/4" 16 UNF | **391401208** |
| 5/8" | 7/8" 14 UNF | **391401410** |
| 3/4" | 1"1/16 12 UN | **391401712** |
| 1" | 1"5/16 12 UN | **391402116** |

## Machos rosca NPT

NPT Male

Mâle fixe NPT

Maschio conico NPT Push-On



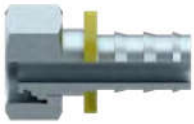
| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" NPT | **391610404** |
| 3/8" | 3/8" NPT | **391610606** |
| 1/2" | 1/2" NPT | **391610808** |
| 3/4" | 3/4" NPT | **391611212** |

## Hembras giratorias rectas 24°

Metric Swivel female 24° cone

Femelle tournante droite 24°

Femmina diritta 24°+O'ring Push-On



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 1/4" | 8 | L | M14X1.5 | **39804140804** |
| 3/8" | 12 | L | M18X1.5 | **39804181206** |
| 1/2" | 15 | L | M22X1.5 | **39804221508** |
| 3/4" | 22 | L | M30X2 | **39804302212** |

## Machos rosca métrica 24°

24° Cone Male

Mâle fixe 24°

Maschio sede 24° Push-On



| DN | TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|---|
| 1/4" | 8 | L | M14X1.5 | **39203140804** |
| 3/8" | 12 | L | M18X1.5 | **39203181206** |
| 1/2" | 22 | L | M22X1.5 | **39203221508** |
| 3/4" | 30 | L | M30X2 | **39203302212** |

# Conexiones Alta presión (700 Bar)

High pressure 700 Bar fittings
Embouts haute pression 700 Bar
Raccordi altissima pressione (700 Bar)

## Manguera termoplástica 700 bar

Thermoplastic hose 700 bar

Tuyau thermoplastique haute pression 700 bar

Tubo termoplastico 700 bar




| DN | Referencia Part n° |
|---|---|
| 1/4" | **MT70004** |
| 3/8" | **MT70006** |

## Casquillos manguera 700 bar tipo MT700

Ferrules for thermoplastic hose 700 bar MT700 type

Jupes à sertir thermoplastique 700 bar type MT700

Boccole per tubo termoplastico 700 bar tipo MT700



| DN | Referencia Part n° |
|---|---|
| 1/4" | **710120400** |
| 3/8" | **710120600** |

## Hembra giratoria recta BSP 60°

BSP Swivel female 60° cone

Embout thermoplastique 700 bar femelle tournante gaz cyl BSP 60°

Femmina diritta BSP 60° termoplastico 700 bar



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **741000404** |
| 3/8" | 3/8" BSP | **741000606** |

## Macho BSP 60°

BSP Male parallel 60° cone

Embout thermoplastique 700 bar mâle fixe gaz cyl BSP 60°

Maschio cilindrico BSP 60° termoplastico 700 bar



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **741120404** |
| 3/8" | 3/8" BSP | **741120606** |

## Macho NPT

NPT Male thread

Embout thermoplastique 700 bar mâle fixe gaz conique NPT

Maschio NPT termoplastico 700 bar



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" NPT | **741610404** |
| 1/4" | 3/8" NPT | **741610604** |
| 3/8" | 3/8" NPT | **741610606** |

**Conexiones Serie Micro-hose** 110
Micro-hose fittings
Embouts manomètres
Raccordi per micro-tubi

**Racores de control** 112
Test couplings
Prises de pression
Prese di pressione

**Instrumentos de medición** 116
Pressure and vacuum gauges
Manomètres et vacuomètres
Manometri e vacuometri

**Medidores de caudal** 121
Flow tester
Débitmètres
Indicatori di flusso




# 03

# METROLOGÍA

Flow measuring

Test du circuit hydraulique

Test per circuiti idraulici

# Conexiones Serie Micro-hose

Micro-hose fittings
Embouts manomètres
Raccordi per micro-tubi

Mangueras para tomas de manómetro ▪ Hoses for check couplings for manometers ▪ Tuyaux capillaires minimess ▪ Tubi per prese di pressione | 110



MT010

Conexiones ▪ Crimp fittings ▪ Embouts à sertir minimess ▪ Raccordi a pressare | 110



55501



55506



55516



55504



55505



55515



5550795



55503



55507



55517



55509



55508



55513



55502



54000

# Racores de control

Test couplings
Prises de pression
Prese di pressione

Tomas de presión 16x1.5 ▪ Check couplings for manometers 16x1.5 ▪ Prises de pression 16x1.5 ▪ Prese di pressione 16x1.5 | 112


MPL M


MPL

Tomas de presión 16x2 ▪ Check couplings for manometers 16x2 ▪ Prises de pression 16x2 ▪ Prese di pressione 16x2 | 112


MPR C/J


MPR G


MPR BSPT


MPR NPT


MPR M


MPR M CJ


MPR A


MPR TUB


MPR UNF


MPR TLM CM


MPR M CM


MPR CJ CM


MPR G CM


MPR DL CM


27C/28C

Tomas de presión manómetros ▪ Accessoires and adaptors ▪ Accessoires et adapteurs minimess ▪ Accessori e adattatori | 114


MPR PT BSP


MPD BSP


MPD 90 BSP


MPU


MPR PT

Válvulas para manómetros ▪ Valves for manometers ▪ Valves pour manètres ▪ Valvole per manometri | 115


FT290


FT291


FT299

# Instrumentos de medición

Pressure and vacuum gauges
Manomètres et vacuomètres
Manometri e vacuometri

Manómetros ▪ Pressure gauges ▪ Manomètres ▪ Manometri | 116


MFI63...V

MFI63...-DB

MFI100...V

MFI100...-DB

MFI63...-DBSB

MFI63...-DBCA

ABRMFI

MFI63...V NPT

MFI63...-DB NPT

MFI100...V NPT

MFI CO

MANDIG63

MANDIG100

Vacuómetros ▪ Vacuum gauges ▪ Vacuomètres ▪ Vacuometri | 118


VAC6304

MFI VA

Termomanómetros ▪ Temperature- pressure gauge ▪ Thermo-manomètre ▪ Termomanometri | 118


MFIT63...V

MFIT63..DB

Manovacuómetros ▪ Manovacuometer ▪ Manovacuomètre ▪ Manovacuometri | 118


MFIVAC63...V

MFIVAC63...DB

Manómetros Calibrados ▪ Calibrated Manometers ▪ Manomètres calibrés ▪ Manometri calibrati | 119



MFI/MAN...CC

Maletines de control de presión ▪ Check cases ▪ Équipes de mesure ▪ Valigetta per rilevamento di pressione | 120


CBOXMED F

CBOX0001

CBOX0003

CBOX0002

CBOXSMART

# Medidores de caudal

Flow tester
Débitmètres
Indicatori di flusso

Caudalímetros 250 bar ▪ Flow tester 250 bar ▪ Débitmètres 250 bar ▪ Flussostati 250 bar | 121



WPB3A6H WPB5A6H WPB6A6H

Caudalímetros 300-420 bar ▪ Flow tester 300-420 bar ▪ Débitmètres 300-420 bar ▪ Flussostati 300-420 bar | 121



FT5758 FT6068 FT5594

# Conexiones Serie Micro-hose

Micro-hose fittings
Embouts manomètres
Raccordi per micro-tubi

TrAle®

## Mangueras Minimess

Micro-Hose

Tuyaux Minimess

Micro-tubo per presa di pressione



| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 2 | **MT01002** |

## Casquillo manguera Minimess

Micro-hose ferrules

Jupe pour tuyau Minimess

Boccola per Micro-tubo



| DN | Ø INT. Ø INNER | Ø EXT. Ø OUTER | Referencia Part n° |
|---|---|---|---|
| 2 | 5,5 | 8 | **555010100** |

## Hembra giratoria de control

Check Metric swivel female Micro-hose

Embout femelle tournante de control Métrique Minimess

Presa di pressione femmina



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 2 | M16X1.5 | **555069521** |
| 2 | M16X2 | **555069523** |

## Codo 90° hembra giratoria de control

90° Swivel female check coupling

Coude 90° prise de pression femelle tournante

Presa di pressione femmina 90° girevole



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 2 | M16X2 | **555169523** |

## Hembra giratoria recta BSP

Straight swivel female BSP 60° cone Micro-hose

Embout femelle tournante gaz cyl BSP 60° Minimess

Femmina girevole BSP 60° per microtubo



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 2 | 1/8" BSP | **555040202** |
| 2 | 1/4" BSP | **555040404** |
| 2 | 3/8" BSP | **555040606** |

## Hembra asiento plano con junta manómetro

Swivel female flat seat with o'ring for manometer Micro-hose

Embout femelle tournante fond plat + o'ring pour manomètre Minimess

Femmina sede piana con o'ring per manometro



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 2 | 1/4" BSP | **555050404** |
| 2 | 1/2" BSP | **555050808** |

## Codo 90° hembra asiento plano con junta manómetro

90° Swivel female flat seat with o'ring for manometer

Coude 90° prise de pression femelle fond plat avec o'ring

Presa di pressione femmina 90° sede piana con o-ring per manometro



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 2 | 1/4" BSP | **555150404** |

## Hembra giratoria Métrica con junta

Metric swivel female with o'ring

Embout femelle tournante Métrique 24° pour raccord de control + o'ring minimess

Femmina metrica 24°+O'ring per microtubo



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 2 | 6L | M12X1.5 | **555079510** |
| 2 | 6S | M14X1.5 | **555079511** |
| 2 | 8L | M14X1.5 | **555079512** |
| 2 | 8S | M16X1.5 | **555079523** |
| 2 | 10L | M16X1.5 | **555079525** |

## Macho de control

Straight Micro-hose check male

Embout mâle manomètre

Presa di pressione maschio



| DN | Referencia Part n° |
|---|---|
| 2 | **555030325** |

## Espiga lisa Métrica

Metric standpipe Micro-hose

Embout lisse Métrique Minimess

Estremitá tubolare metrica per microtubo



| DN | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 2 | 6 | **555070600** |
| 2 | 8 | **555070800** |

# Conexiones Serie Micro-hose

Micro-hose fittings
Embouts manomètres
Raccordi per micro-tubi



## Espiga a 90° lisa Métrica

90° Metric standpipe Micro-hose

Embout lisse coude 90° Métrique Minimess

Estremitá tubolare metrica 90° per microtubo



| DN | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 2 | 6 | **555170600** |

## Hembra giratoria recta JIC 37°

Straight swivel female JIC 37° Micro-hose

Embout femelle tournante JIC 37° Minimess

Femmina diritta JIC 37° per microtubo



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 2 | 7/16" 20h UNF | **555090700** |
| 2 | 1/2" 20h UNF | **555090800** |
| 2 | 9/16" 18h UNF | **555090900** |

## Orientable Métrico

Metric Banjo Micro-hose

Embout Banjo Métrique Minimess

Raccordo ad occhio metrico per microtubo



| DN | Ø | Referencia Part n° |
|---|---|---|
| 2 | 10 | **555081000** |

## Macho NPT

Male NPT

Mâle NPT

Maschio NPT per microtubo



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 2 | 1/8" NPT | **555130200** |

## Macho BSP

BSP Male

Mâle BSP

Maschio BSP 60° per microtubo



| DN | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|
| 2 | 1/8" BSP | **555020202** | |
| 2 | 1/4" BSP | **555020404** | |

## Protector de polvo

Dust protector

Protecteur de poussière

Protezione per polvere



| MATERIAL | Referencia Part n° |
|---|---|
| PLASTIC | **54000000P** |

# Racores de control

Test couplings
Prises de pression
Prese di pressione

## Racor de control rosca Métrica DIN 3852 (tapón metálico)

Check coupling male metric thread (metallic cap)

Prise de pression métrique (capouchon métallique)

Presa di presione Metrica DIN 3852 (tappo metallico)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| M10X1 | 16x1.5 | **MPL M 10X1 CM** |

**Otras figuras, consultar** / *For other designs, please consult us* / Pour d'autres figures, consultez-nous / *Per altre figure, vi preghiamo di consultarci*

## Racor de control rosca BSP (tapón metálico)

Check coupling BSP (metallic cap)

Prise de pression BSP (capouchon métallique)

Presa di pressione BSP (tappo metallico)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° | € |
|---|---|---|---|
| 1/8" BSP | 16x1.5 | **MPL 1/8 G CM** | |
| 1/4" BSP | 16x1.5 | **MPL 1/4 G CM** | |

**Otras figuras, consultar** / *For other designs, please consult us* / Pour d'autres figures, consultez-nous / *Per altre figure, vi preghiamo di consultarci*

## Racor de control rosca BSP con junta (tapón plástico)

Check coupling male thread BSP with captive seal (plastic cap)

Prise de pression avec joint (capuchon plastique)

Presa di pressione BSP con guarnizione (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 16x2 | **MPR 1/8 C/J** |
| 1/4" BSP | 16x2 | **MPR 1/4 C/J** |
| 3/8" BSP | 16x2 | **MPR 3/8 C/J** |
| 1/2" BSP | 16x2 | **MPR 1/2 C/J** |

## Racor de control rosca BSP (tapón plástico)

Check coupling male thread BSP (plastic cap)

Prise de pression (capuchon plastique)

Presa di pressione BSP (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 16x2 | **MPR 1/8 G** |
| 1/4" BSP | 16x2 | **MPR 1/4 G** |
| 3/8" BSP | 16x2 | **MPR 3/8 G** |
| 1/2" BSP | 16x2 | **MPR 1/2 G** |

## Racor de control rosca cónica BSPT (tapón plástico)

Check coupling male BSP tapered (plastic cap)

Prise de pression BSPT (capuchon plastique)

Presa di pressione conica BSPT (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/8" BSPT | 16x2 | **MPR 1/8 BSPT** |
| 1/4" BSPT | 16x2 | **MPR 1/4 BSPT** |
| 3/8" BSPT | 16x2 | **MPR 3/8 BSPT** |

## Racor de control rosca NPT (tapón plástico)

Check coupling male thread NPT (plastic cap)

Prise de pression NPTF (capuchon plastique)

Presa di pressione NPT (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/8" NPT | 16x2 | **MPR 1/8 NPT** |
| 1/4" NPT | 16x2 | **MPR 1/4 NPT** |
| 3/8" NPT | 16x2 | **MPR 3/8 NPT** |

## Racor de control rosca Métrica DIN 3852 (tapón plástico)

Check coupling male metric thread (plastic cap)

Prise de pression métrique DIN 3852 (capuchon plastique)

Presa di pressione Metrica DIN 3852 (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| M10X1 | 16x2 | **MPR M10X1** |
| M12X1.5 | 16x2 | **MPR M12X1.5** |
| M14X1.5 | 16x2 | **MPR M14X1.5** |
| M16X1.5 | 16x2 | **MPR M16X1.5** |

## Racor de control macho Métrico con junta (Tapón plastico)

Check coupling male metric thread + o´ring (plastic cap)

Prise de pression métrique avec o´ring (capuchon plastique)

Presa di pressione metrica con guarnizione (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| M10x1 | M16X2 | **MPR M10X1 C/J** |
| M12x1.5 | M16X2 | **MPR M12X1.5 C/J** |
| M14x1.5 | M16X2 | **MPR M14X1.5 C/J** |
| M16x1.5 | M16X2 | **MPR M16X1.5 C/J** |

# Racores de control

Test couplings
Prises de pression
Prese di pressione

## Racor de control rosca Métrica (tapón plástico)

Check coupling male metric thread (plastic cap)

Prise de pression métrique (capuchon plastique)

Presa di pressione Metrica (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| M8X1 | 16x2 | **MPR A 8X1** |
| M10X1 | 16x2 | **MPR A 10X1** |
| M10X1.25 | 16x2 | **MPR A 10X1.25** |

## Racor de control tubular Métrico (tapón plástico)

Check coupling male metric tubular (plastic cap)

Prise de pression avec embout lisse (capuchon plastique)

Presa di pressione con tubolare Metrico (tappo plastica)



| TUBO PIPE | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 6 | 16x2 | **MPR TUB.6** |
| 8 | 16x2 | **MPR TUB.8** |
| 10 | 16x2 | **MPR TUB.10** |
| 12 | 16x2 | **MPR TUB.12** |
| 15 | 16x2 | **MPR TUB.15** |

## Racor de control rosca SAE - UNF (tapón plástico)

Check coupling male thread UNF (plastic cap)

Prise de pression filetage SAE/UNF (capuchon plastique)

Presa di controllo SAE - UNF (tappo plastica)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 7/16" 20h UNF | 16x2 | **MPR 7/16 UNF** |
| 1/2" 20h UNF | 16x2 | **MPR 1/2 UNF** |
| 9/16" 18h UNF | 16x2 | **MPR 9/16 UNF** |

## Racor de control hembra giratoria Métrica c/j (tapón metálico)

Check coupling Metric swivel female + o´ring (metallic cap)

Prise de pression femelle tournante Métrique + o´ring (capouchon métallique)

Presa di pressione femmina girevole Metrica con o'ring (tappo metallico)



| TUBO PIPE | ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|---|
| 6L | M12X1.5 | 16x2 | **MPR TLM 6L CM** |
| 8L | M14X1.5 | 16x2 | **MPR TLM 8L CM** |
| 10L | M16X1.5 | 16x2 | **MPR TLM 10L CM** |
| 12L | M18X1.5 | 16x2 | **MPR TLM 12L CM** |
| 15L | M22X1.5 | 16x2 | **MPR TLM 15L CM** |

**Otras medidas, consultar** */ For other dimensions, please consult us /* Pour d'autres dimensions, consultez-nous */ Per altre dimensioni, vi preghiamo di consultarci*

## Racor de control macho Métrico con junta (tapón metálico)

Check coupling metric male + o´ring (metallic cap)

Prise de pression mâle + o´ring (capouchon métallique)

Presa di pressione maschio Metrico con o'ring (tappo metallico)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| M10X1 | 16x2 | **MPR M 10X1 CM** |
| M12X1.5 | 16x2 | **MPR M 12X1.5 CM** |

## Racor de control rosca BSP con junta tórica (tapón metálico)

Check coupling BSP with o'ring (metallic cap)

Prise de pression BSP avec o'ring (capouchon métallique)

Presa di pressione BSP con o-ring (tappo metallico)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° | € |
|---|---|---|---|
| 1/8" BSP | 16x2 | **MPR 1/8 C/J CM** | |
| 1/4" BSP | 16x2 | **MPR 1/4 C/J CM** | |

## Racor de control rosca BSP (tapón metálico)

Check coupling BSP (metallic cap)

Prise de pression BSP (capouchon métallique)

Presa di pressione BSP (tappo metallico)



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 16x2 | **MPR 1/8 G CM** |
| 1/4" BSP | 16x2 | **MPR 1/4 G CM** |

## Racor de control intermedio (tapón metálico)

Halk-way check coupling (metallic cap)

Prise de pression intermédiaire (capouchon métallique)

Presa di pressione intermedio (tappo metallico)



| TUBO PIPE | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 6L | 16x2 | **MPR DL 6 CM** |
| 8L | 16X2 | **MPR DL 8 CM** |
| 10L | 16x2 | **MPR DL 10 CM** |
| 12L | 16x2 | **MPR DL 12 CM** |
| 15L | 16x2 | **MPR DL 15 CM** |

## Capuchón protector toma de presión

Protective cap - check coupling for manometer

Capuchon Minimess

Cappuccio di protezione per presa di pressione



| MATERIAL | Referencia Part n° |
|---|---|
| CARBON STEEL | **27CA000C01** |
| PLASTIC | **28CP0000** |

# Racores de control

Test couplings
Prises de pression
Prese di pressione

## Conex. manómetro-pasatabiques BSP

Check coupling BSP bulkhead for pressure gauge

Prise de pression passe cloison sans capouchon

Raccordo Manometro - passaparete maschio BSP



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/4" BSP | M16X2 | **MPR PT 1/4 BSP** |
| 1/2" BSP | M16X2 | **MPR PT 1/2 BSP** |

## Conex. manómetro - toma de control

Check coupling for pressure gauge

Raccord de contrôle direct à manomètre sans capouchon

Raccordo manometro - presa di pressione



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/4" BSP | M16X2 | **MPD 1/4 BSP** |
| 1/2" BSP | M16X2 | **MPD 1/2 BSP** |

## Conex. manómetro-hembra 90° BSP

Check coupling 90° BSP swivel female for manometer

Raccord de contrôle 90° orientable sans capouchon direct à manomètre

Raccordo manometro - femmina a 90° BSP



| ROSCA THREAD | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|
| 1/4" BSP | M16X2 | **MPD 90 1/4 BSP** |
| 1/2" BSP | M16X2 | **MPD 90 1/2 BSP** |

## Conex. manómetro M-M

Male-Male check coupling for manometer

Prise de pression manomètre Mâle-Mâle

Adattatore M-M presa di pressione per manometro



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| M16X1,5 | M16X1,5 | | **MPU 16X1.5** |
| M16X2 | M16X1,5 | | **MPU 16X2** |
| M16X2 | M16X2 | NEW | **MPU 16x2-16x2** |

## Conex. Métrica para manómetros

Metric check coupling for manometer

Prise de contrôle métrique pour manomètre

Presa de pressione metrica per manometro



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 8S | M16X1.5 | **MPR PT 16X1.5** |
| 10S | M18X1.5 | **MPR PT 18X1.5** |

# Racores de control

Test couplings
Prises de pression
Prese di pressione

## Protector de manómetro en línea MF-TL recto

Pressure Gauge Protector (in-line) FM-SF straight

Isolateur de manomètre (en ligne) MF-FT droit

Esclusore per manometro in linea M-F gir. diritto



| ROSCA THREAD | | PRESIÓN MAX. (bar) MAX. PRESSURE (bar) | Referencia Part n° | € |
|---|---|---|---|---|
| 1/4" BSP | 1/4" BSPT | 350 | **FT29004** | * |
| 1/2" BSP | 1/2" BSPT | 350 | **FT29008** | * |

**Ver precios en catálogo componentes** / *See prices in components catalogue* / Voir les prix dans le composant catalogue / *Vedere prezzi nel catalogo Componenti*

## Protector de manómetro en línea MF-TL 90°

Pressure Gauge Protector (in-line) FM-SF 90°

Isolateur de manomètre (en ligne) MF-FT 90°

Esclusore per manometro in linea M-F gir. 90°



| ROSCA THREAD | | PRESIÓN MAX. (bar) MAX. PRESSURE (bar) | Referencia Part n° | € |
|---|---|---|---|---|
| 1/4" BSP | 1/4" BSPT | 350 | **FT29104** | * |

**Ver precios en catálogo componentes** / *See prices in components catalogue* / Voir les prix dans le composant catalogue / *Vedere prezzi nel catalogo Componenti*

## Adaptador para manómetro en línea MF-TL

Pressure Gauge Adaptor (in-line) FM-SF

Adapteur pour Manomètre (en ligne) MF-FT

Adattatore per manometro in linea M-F gir.



| ROSCA THREAD | | Referencia Part n° | € |
|---|---|---|---|
| 1/4" BSP | 1/2" BSPT | **FT29942** | * |
| 1/4" BSP | 1/4" BSPT | **FT29944** | * |

**Ver precios en catálogo componentes** / *See prices in components catalogue* / Voir les prix dans le composant catalogue / *Vedere prezzi nel catalogo Componenti*

# Instrumentos de medición

Pressure and vacuum gauges
Manomètres et vacuomètres
Manometri e vacuometri

TrAle®

## Manómetro DN 63 vertical con glicerina (1/4" BSP)

Pressure gauge DN 63 vertical connection with glycerin (1/4" BSP)
Manomètre DN 63 sortie verticale avec glycérine (1/4" BSP)
Manometro DN 63 radiale a bagno di glicerina (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 0-1 | MFI6304001V |
| 1/4" BSP | 0-2,5 | MFI63042,5V |
| 1/4" BSP | 0-4 | MFI6304004V |
| 1/4" BSP | 0-6 | MFI6304006V |
| 1/4" BSP | 0-10 | MFI6304010V |
| 1/4" BSP | 0-12 | MFI6304012V |
| 1/4" BSP | 0-16 | MFI6304016V |
| 1/4" BSP | 0-20 | MFI6304020V |
| 1/4" BSP | 0-25 | MFI6304025V |
| 1/4" BSP | 0-40 | MFI6304040V |
| 1/4" BSP | 0-60 | MFI6304060V |
| 1/4" BSP | 0-100 | MFI6304100V |
| 1/4" BSP | 0-160 | MFI6304160V |
| 1/4" BSP | 0-250 | MFI6304250V |
| 1/4" BSP | 0-315 | MFI6304315V |
| 1/4" BSP | 0-400 | MFI6304400V |
| 1/4" BSP | 0-600 | MFI6304600V |
| 1/4" BSP | 0-1000 | MFI63041000V |

## Manómetro DN 63 dorsal con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection with glycerin (1/4" BSP)
Manomètre DN 63 sortie arrière avec glycérine (1/4" BSP)
Manometro DN 63 assiale flangiato a bagno di glicerina (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 0-1 | MFI6304001-DB |
| 1/4" BSP | 0-2,5 | MFI63042,5-DB |
| 1/4" BSP | 0-4 | MFI6304004-DB |
| 1/4" BSP | 0-6 | MFI6304006-DB |
| 1/4" BSP | 0-10 | MFI6304010-DB |
| 1/4" BSP | 0-12 | MFI6304012-DB |
| 1/4" BSP | 0-16 | MFI6304016-DB |
| 1/4" BSP | 0-20 | MFI6304020-DB |
| 1/4" BSP | 0-25 | MFI6304025-DB |
| 1/4" BSP | 0-40 | MFI6304040-DB |
| 1/4" BSP | 0-60 | MFI6304060-DB |
| 1/4" BSP | 0-100 | MFI6304100-DB |
| 1/4" BSP | 0-160 | MFI6304160-DB |
| 1/4" BSP | 0-250 | MFI6304250-DB |
| 1/4" BSP | 0-315 | MFI6304315-DB |
| 1/4" BSP | 0-400 | MFI6304400-DB |
| 1/4" BSP | 0-600 | MFI6304600-DB |

## Manómetro DN 100 vertical con glicerina (1/2" BSP)

Pressure gauge DN 100 vertical connection with glycerin (1/2" BSP)
Manomètre DN 100 sortie verticale avec glycérine (1/2" BSP)
Manometro DN 100 radiale a bagno di glicerina (1/2" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/2" BSP | 0-1 | MFI10008001V |
| 1/2" BSP | 0-2,5 | MFI1000802,5V |
| 1/2" BSP | 0-4 | MFI10008004V |
| 1/2" BSP | 0-6 | MFI10008006V |
| 1/2" BSP | 0-10 | MFI10008010V |
| 1/2" BSP | 0-12 | MFI10008012V |
| 1/2" BSP | 0-16 | MFI10008016V |
| 1/2" BSP | 0-20 | MFI10008020V |
| 1/2" BSP | 0-25 | MFI10008025V |
| 1/2" BSP | 0-40 | MFI10008040V |
| 1/2" BSP | 0-60 | MFI10008060V |
| 1/2" BSP | 0-100 | MFI10008100V |
| 1/2" BSP | 0-160 | MFI10008160V |
| 1/2" BSP | 0-250 | MFI10008250V |
| 1/2" BSP | 0-315 | MFI10008315V |
| 1/2" BSP | 0-400 | MFI10008400V |
| 1/2" BSP | 0-600 | MFI10008600V |

## Manómetro DN 100 dorsal con glicerina (1/2" BSP)

Pressure gauge DN 100 rear connection with glycerin (1/2" BSP)
Manomètre DN 100 sortie arrière avec glycérine (1/2" BSP)
Manometro DN 100 assiale flangiato a bagno di glicerina (1/2" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/2" BSP | 0-1 | MFI10008001-DB |
| 1/2" BSP | 0-2,5 | MFI100082,5-DB |
| 1/2" BSP | 0-4 | MFI10008004-DB |
| 1/2" BSP | 0-6 | MFI10008006-DB |
| 1/2" BSP | 0-10 | MFI10008010-DB |
| 1/2" BSP | 0-16 | MFI10008016-DB |
| 1/2" BSP | 0-25 | MFI10008025-DB |
| 1/2" BSP | 0-40 | MFI10008040-DB |
| 1/2" BSP | 0-60 | MFI10008060-DB |
| 1/2" BSP | 0-100 | MFI10008100-DB |
| 1/2" BSP | 0-160 | MFI10008160-DB |
| 1/2" BSP | 0-250 | MFI10008250-DB |
| 1/2" BSP | 0-315 | MFI10008315-DB |
| 1/2" BSP | 0-400 | MFI10008400-DB |
| 1/2" BSP | 0-600 | MFI10008600-DB |

# Instrumentos de medición

Pressure and vacuum gauges
Manomètres et vacuomètres
Manometri e vacuometri

## Manómetro DN 63 dorsal sin brida, con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection without flange, with glycerin (1/4" BSP)
Manomètre DN 63 sortie arrière sans bride, avec glycérine (1/4" BSP)
Manometro DN 63 assiale, a bagno di glicerina (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 0-1 | MFI6304001-DBSB |
| 1/4" BSP | 0-2,5 | MFI63042,5-DBSB |
| 1/4" BSP | 0-4 | MFI6304004-DBSB |
| 1/4" BSP | 0-6 | MFI6304006-DBSB |
| 1/4" BSP | 0-10 | MFI6304010-DBSB |
| 1/4" BSP | 0-12 | MFI6304012-DBSB |
| 1/4" BSP | 0-16 | MFI6304016-DBSB |
| 1/4" BSP | 0-20 | MFI6304020-DBSB |
| 1/4" BSP | 0-25 | MFI6304025-DBSB |
| 1/4" BSP | 0-40 | MFI6304040-DBSB |
| 1/4" BSP | 0-60 | MFI6304060-DBSB |
| 1/4" BSP | 0-100 | MFI6304100-DBSB |
| 1/4" BSP | 0-160 | MFI6304160-DBSB |
| 1/4" BSP | 0-250 | MFI6304250-DBSB |
| 1/4" BSP | 0-315 | MFI6304315-DBSB |
| 1/4" BSP | 0-400 | MFI6304400-DBSB |
| 1/4" BSP | 0-600 | MFI6304600-DBSB |

**Consultar disponibilidad. Posibilidad de modelo con DN 100** / *Check availability. It is also available with DN 100* / Disponibilité à consulter / Possibilité aussi en DN100 / *Richiedere disponibilità / Possibilità del modello con DN 100*

## Manómetro DN 63 dorsal s/brida c/abraz, con glicerina (1/4" BSP)

Pressure gauge DN 63 rear connection without flange with clamp, with glycerin (1/4" BSP)
Manomètre DN63 sortie arrière avec glycérine, collier de fixation sans collerette
Manometro DN 63 assiale con collare, con glicerina /1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 0-6 | MFI6304006-DBCA |
| 1/4" BSP | 0-10 | MFI6304010-DBCA |
| 1/4" BSP | 0-16 | MFI6304016-DBCA |
| 1/4" BSP | 0-40 | MFI6304040-DBCA |
| 1/4" BSP | 0-60 | MFI6304060-DBCA |
| 1/4" BSP | 0-100 | MFI6304100-DBCA |
| 1/4" BSP | 0-160 | MFI6304160-DBCA |
| 1/4" BSP | 0-250 | MFI6304250-DBCA |
| 1/4" BSP | 0-400 | MFI6304400-DBCA |

**Consultar disponibilidad. Posibilidad de modelo con DN 100** / *Check availability. It is also available with DN 100* / Disponibilité à consulter / Possibilité aussi en DN100 / *Richiedere disponibilità / Possibilità del modello con DN 100*

## Abrazadera para manómetro DN 63 / DN 100 dorsal

DN 63 / DN100 rear connection pressure gauge clamp
Collier pour manomètre DN 63 / DN100 sortie arrière
Collare per manometro DN 63 / DN100 assiale flangiato



| DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|
| CLAMP (63mm) | ABRMFI63 |
| CLAMP (100mm) | ABRMFI100 |

**Consultar disponibilidad. Posibilidad de modelo con DN 100** / *Check availability. It is also available with DN 100* / Disponibilité à consulter / Possibilité aussi en DN100 / *Richiedere disponibilità / Possibilità del modello con DN 100*

## Manómetro DN 63 vertical con glicerina (1/4" NPT)

Pressure gauge DN 63 vertical connection with glycerin (1/4" NPT)
Manomètre DN 63 sortie verticale avec glycérine (1/4" NPT)
Manometro DN 63 radiale a bagno di glicerina (1/4" NPT)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" NPT | 0-10 | MFI6304010V NPT |
| 1/4" NPT | 0-16 | MFI6304016V NPT |
| 1/4" NPT | 0-25 | MFI6304025V NPT |
| 1/4" NPT | 0-60 | MFI6304060V NPT |
| 1/4" NPT | 0-160 | MFI6304160V NPT |
| 1/4" NPT | 0-250 | MFI6304250V NPT |
| 1/4" NPT | 0-400 | MFI6304400V NPT |
| 1/4" NPT | 0-700 | MFI6304700V NPT |

## Manómetro DN 63 dorsal con glicerina (1/4" NPT)

Pressure gauge DN 63 rear connection with glycerin (1/4" NPT)
Manomètre DN 63 sortie arrière avec glycérine (1/4" NPT)
Manometro DN 63 assiale flangiato a bagno di glicerina (1/4" NPT)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" NPT | 0-10 | MFI6304010-DB NPT |
| 1/4" NPT | 0-16 | MFI6304016-DB NPT |
| 1/4" NPT | 0-25 | MFI6304025-DB NPT |
| 1/4" NPT | 0-60 | MFI6304060-DB NPT |
| 1/4" NPT | 0-160 | MFI6304160-DB NPT |
| 1/4" NPT | 0-250 | MFI6304250-DB NPT |
| 1/4" NPT | 0-400 | MFI6304400-DB NPT |

**Consultar disponibilidad. Posibilidad de modelo con DN 100** / *Check availability. It is also available with DN 100* / Disponibilité à consulter / Possibilité aussi en DN100 / *Richiedere disponibilità / Possibilità del modello con DN 100*

## Manómetro DN 100 vertical con glicerina (1/2" NPT)

Pressure gauge DN 100 vertical connection with glycerin (1/2" NPT)
Manomètre DN 100 sortie verticale avec glycérine (1/2" NPT)
Manometro DN 100 radiale a bagno di glicerina (1/2" NPT)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/2" NPT | 0-10 | MFI10008010V NPT |
| 1/2" NPT | 0-25 | MFI10008025V NPT |
| 1/2" NPT | 0-60 | MFI10008060V NPT |
| 1/2" NPT | 0-250 | MFI10008250V NPT |
| 1/2" NPT | 0-400 | MFI10008400V NPT |
| 1/2" NPT | 0-600 | MFI10008600V NPT |

## Manómetro de colores dorsal (1/8" BSPT)

Pressure gauge in colours rear connection (1/8" BSPT)
Manomètre à couleurs sortie arrière avec glycérine (1/8" BSPT)
Manometro a colori assiale flangiato (1/8" BSPT)



| ESCALA (bar) SCALE (bar) | | Referencia Part n° |
|---|---|---|
| 0-3 | NEW | MFI CO 03 |
| 0-6 | | MFI CO 06 |

# Instrumentos de medición

Pressure and vacuum gauges
Manomètres et vacuomètres
Manometri e vacuometri

TrAle®

## Manómetro digital DN63vertical (1/4" BSP)

Pressure gauge DN63 vertical connection with glycerin (1/4" BSP)

Manomètre digital DN 63 sortie verticale (1/4" BSP)

Manometro digitale DN63 (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 0 + 600 | **MANDIG63V** |

## Manómetro digital DN100 vertical (1/2" BSP)

Digital pressure gauge DN100 vertical connection (1/2" BSP)

Manomètre digital DN 100 sortie verticale (1/2" BSP)

Manometro digitale DN100



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/2" BSP | 0–1000 | **MANDIG100V** |

## Vacuómetro DN 63 con glicerina (1/4" BSP)

Vacuum gauge DN 63 with glycerin (1/4" BSP)

Vacuomètre DN 63 avec glicerine (1/4" BSP)

Vacuometro DN 63 a bagno di glicerina (1/4" BSP)



| ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|
| - 1 + 0 | **VAC6304-01I** |

## Vacuómetro de colores dorsal (1/8" BSP)

Vacuum gauges in colours rear connection (1/8" BSP)

Vacuomètre à couleurs sortie arrière (1/8" BSP)

Vacuometro a colori assiale flangiato (1/8" BSP)



| ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|
| - 1 + 0 | **MFI VA 01** |

## Termomanómetro DN 63 vertical (1/4" BSP)

Temperature- pressure gauge DN 63 vertical connection (1/4" BSP)

Thermo-manomètre DN63 sortie vertical (1/4" BSP)

Termomanometro DN 63 verticale (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 0–4 | **MFIT6304004V** |
| 1/4" BSP | 0–16 | **MFIT6304016V** |
| 1/4" BSP | 0–40 | **MFIT6304040V** |

**Temp: 0-120ºC** / *Temp: 0-120ºC* / Temp: 0-120ºC / *Temp: 0-120ºC*

## Termomanómetro DN 63 dorsal (1/4" BSP)

Temperature- pressure gauge DN 63 rear connection (1/4" BSP)

Thermo-manomètre DN63 sortie arrière (1/4" BSP)

Termomanometro DN 63 assiale (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 0–4 | **MFIT6304004-DB** |
| 1/4" BSP | 0–16 | **MFIT6304016-DB** |
| 1/4" BSP | 0–40 | **MFIT6304040-DB** |

**Temp: 0-120ºC** / *Temp: 0-120ºC* / Temp: 0-120ºC / *Temp: 0-120ºC*

## Manovacuómetro DN 63 vertical con glicerina (1/4" BSP)

Manovacuometer DN 63 vertical connection with glycerin (1/4" BSP)

Manovacuomètre DN 63 sortie vertical avec glycérine (1/4" BSP)

Manovacuometro DN 63 verticale con glicerina (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | - 1 +3 | **MFIVAC6304003V** |
| 1/4" BSP | - 1 +5 | **MFIVAC6304005V** |
| 1/4" BSP | - 1 +15 | **MFIVAC6304015V** |

## Manovacuómetro DN 63 dorsal con glicerina (1/4" BSP)

Manovacuometer DN 63 rear connection with glycerin (1/4" BSP)

Manovacuomètre DN 63 sortie arrière avec glycérine (1/4" BSP)

Manovacuometro DN 63 assiale con glicerina (1/4" BSP)



| ROSCA THREAD | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | - 1 + 3 | **MFIVAC6304003-DB** |
| 1/4" BSP | - 1 + 5 | **MFIVAC6304005-DB** |
| 1/4" BSP | - 1 + 15 | **MFIVAC6304015-DB** |

TrAle®

# Instrumentos de medición

Pressure and vacuum gauges
Manomètres et vacuomètres
Manometri e vacuometri



## Manómetros Calibrados

Calibrated Manometers

Manomètres calibrés

Manometri calibrati







| ROSCA THREAD | ESCALA (bar) SCALE (bar) | | Referencia Part n° | € |
|---|---|---|---|---|
| 1/4" BSP | 0-6 | | MFI6304006VCC | |
| 1/4" BSP | 0-10 | | MFI6304010VCC | |
| 1/4" BSP | 0-16 | | MFI6304016VCC | |
| 1/4" BSP | 0-25 | | MFI6304025VCC | |
| 1/4" BSP | 0-40 | | MFI6304040VCC | |
| 1/4" BSP | 0-60 | | MFI6304060VCC | |
| 1/4" BSP | 0-100 | | MFI6304100VCC | |
| 1/4" BSP | 0-160 | | MFI6304160VCC | |
| 1/4" BSP | 0-250 | | MFI6304250VCC | |
| 1/4" BSP | 0-315 | | MFI6304315VCC | |
| 1/4" BSP | 0-400 | | MFI6304400VCC | |
| 1/4" BSP | 0-600 | | MFI6304600VCC | |
| 1/4" BSP | 0-250 | | MFI6304250-DBCC | |
| 1/4" BSP | 0-400 | | MFI6304400-DBCC | |
| 1/2" BSP | 0-1 | | MFI10008001-DBCC | |
| 1/2" BSP | 0-400 | | MFI10008400-DBCC | |
| 1/4" BSP | 0-600 | NEW | MANDIG63VCC | |

**Otros manómetros bajo consulta.** / *Other manometers on request.* / Autres manomètres sur dema *manometri su richiesta.*

# Instrumentos de medición

Pressure and vacuum gauges
Manomètres et vacuomètres
Manometri e vacuometri

## Maletín medida de presión (0 manómetros)

Check cases (0 pressure gauge)

Coffre de mesure (0 manomètre)

Valigetta misurazione di pressione (0 manometro)



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| 320x280x119 | CBOXMEDF |

## Maletín dos manómetros + accesorios tipo 1

Check case 2 pressure gauge + accessories type 1

Coffre 2 manomètres + accessoires type 1

Valigetta con due manometri + accessori tipo 1



| TAMAÑO SIZE | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 320X280X119 | 160/315 | CBOX0001 |

## Maletín un manómetro digital + accesorios tipo 2

Check case 1 digital pressure gauge + accessories type 2

Coffre 1 manomètre digital + accessoires type 2

Valigetta con uno manometri digitale+ accessori tipo 2



| TAMAÑO SIZE | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 320x280x119 | 0-1000 | CBOX0003 |

## Maletín tres manómetros + accesorios tipo 2

Check case 3 pressure gauge + accessories type 2

Coffre 3 manomètres + accessoires type 2

Valigetta con tre manometri + accessori tipo 2



| TAMAÑO SIZE | ESCALA (bar) SCALE (bar) | Referencia Part n° |
|---|---|---|
| 320x280x119 | 100/250/400 | CBOX0002 |

## Maletín 3 transductores de presión 50/200/400 bar

Check case 3 pressure transducers 50/200/400 bar

Coffre 3 transducteurs de pression 50/200/400 bar

Valigetta 3 trasduttori di pressione 50/200/400 bar



| Tamaño Size | Escala (bar) Scale (bar) | Referencia Part n° |
|---|---|---|
| 320X280X119 | 50/200/400 BAR | CBOXSMART |



CBOX0001



CBOX0002



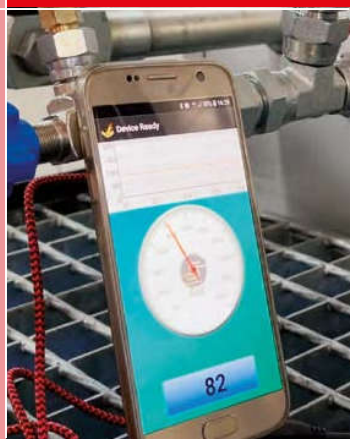
CBOX0003



CBOXSMART

| 2 MANÓMETROS 1/4: | 3 MANÓMETROS 1/4 | 1 MANÓMETROS DIG. | 3 TRANSDUCT. |
|---|---|---|---|
| 0-160<br>0-315 | 0-100<br>0-250<br>0-400 | 0-1000 | 0-50<br>0-200<br>0-400 |

| ACCESORIOS TIPO 2: | ACCESORIOS TIPO 2: |
|---|---|
| 1 MPR 1/4 C/J<br>1 MPR 3/8 C/J<br>1 MPR 1/4 NPT<br>1 MPR A 10X1<br>1 MPD 1/4 BSP<br>1 MPD 1/2 BSP<br>1 CAPUCHÓN ACERO<br>1 MPD 90 1/4 BSP<br>1 LATIGUILLO MINIMEX<br>TL-TL 16X2 1.5 MTS | 1 MPR 1/4 C/J<br>1 MPR 3/8 C/J<br>1 MPR 1/4 NPT<br>1 MPR A 10X1<br>1 MPD 1/4 BSP<br>1 MPD 1/2 BSP<br>1 CAPUCHÓN ACERO<br>1 MPR PT 1/4 BSP<br>1 LATIGUILLO MINIMEX TL-TL 16X2 1 MTS<br>1 LATIGUILLO MINIMEX TL-TL 16X2 2 MTS<br>1 MPR 7/16 UNF<br>1 MPR 9/16 UNF<br>1 MPR TLM 122 CM<br>1 MPR 3/8 NPT |



# Medidores de caudal

Flow tester
Débitmètres
Indicatori di flusso

## Caudalímetro 250 bar - Tipo 3 - 3/4" BSP

Flow tester type 3-3/4" BSP

Débitmètre 250 bar type 3-3/4" BSP

Flussostato 250 bar tipo 3-3/4" BSP



| ESCALA (l/min) SCALE (l/min) | Referencia Part n° |
|---|---|
| 0-56 | **WPB3A6HT15** |

## Caudalímetro 250 bar - Tipo 5 - 1 1/2" BSP

Flow tester type 5-1 1/2" BSP

Débitmètre 250 bar type 5-1 1/2" BSP

Flussostato 250 bar tipo 5-1 1/2" BSP



| ESCALA (l/min) SCALE (l/min) | Referencia Part n° |
|---|---|
| 75-550 | **WPB5A6HY99** |

## Caudalímetro 250 bar - Tipo 6 - 1 1/4" BSP

Flow tester type 6-1 1/4"

Débitmètre 250 bar type 6-1 1/4" BSP

Flussostato 250 bar tipo 6-1 1/4" BSP



| ESCALA (l/min) SCALE (l/min) | Referencia Part n° |
|---|---|
| 20-280 | **WPB5A6HW75** |

## Caudalímetro 420 bar - Tipo 57 - 3/4" BSP

Flow tester 420 bar Type 57 - 3/4" BSP

Débitmètre 420 bar Type 57 - 3/4" BSP

Flussostato 420 bar Tipo 57 - 3/4" BSP



| ESCALA (l/min) SCALE (l/min) | Referencia Part n° |
|---|---|
| 2 - 30 | **FT5758-01** |
| 2 - 60 | **FT5758-02** |
| 4 - 120 | **FT5758-03** |

## Caudalímetro 350 bar - Tipo 60 - 1" 1/2 BSP

Flow tester 350 bar Type 60 - 1" 1/2 BSP

Débitmètre 350 bar Type 60 - 1" 1/2 BSP

Flussostato 350 bar Tipo 60 - 1" 1/2 BSP



| ESCALA (l/min) SCALE (l/min) | Referencia Part n° |
|---|---|
| 10-200 | **FT6068-01** |
| 20-400 | **FT6068-03** |

## Caudalímetro 420 bar - con caja - 1" BSP

Flow tester 420 bar with box - 1" BSP

Débitmètre 420 bar avec boîte - 1" BSP

Flussostato 420 bar con cassa - 1" BSP



| ESCALA (l/min) SCALE (l/min) | Referencia Part n° | € |
|---|---|---|
| 10-120 | **FT5594-03** | |
| 10-200 | **FT5594-09** | |

# Máquinas tratamiento tubo flexible



Equipment for flexible hoses
Machines pour le montage des flexibles
Macchine per l'assemblaggio di tubi flessibili



04

# MÁQUINAS TRATAMIENTO TUBO FLEXIBLE

Equipment for flexible hoses

Machines pour le montage des flexibles

Macchine per l'assemblaggio di tubi flessibili

# PRENSAS
Crimping machines
Presses hydrauliques
Macchine e Accessori

TrΔle®

## MANGUERA HIDRÁULICA · HYDRAULIC HOSES

### MANUALES · MANUAL

#### PM 18 6J N
80 T | +20 mm | 59 mm | 28 kg.



TrΔle® 1" 2SP 3/4" 4SP 1/2" 6SP

#### PM16-8J
100 T | +20 mm | 59 mm | 25 kg.



TrΔle® 1" 3SP

#### PM16 ELBOW-8J
100 T | +20 mm | 59 mm | 25 kg.



TrΔle® 1" 3SP

die set

#### PM16-SPEED-8J
100 T | +20 mm | 59 mm | 25 kg.



TrΔle® 1" 3SP

#### PM18F-9J
120 T | +20 mm | 65 mm | 22 kg.



TrΔle® 1" 4SP

#### PM22-9J
140 T | +25 mm | 110 mm | 22 kg.



TrΔle® 1"1/4 4SP

#### PM22P-9J
140 T | +20 mm | 110 mm | 55 kg.



TrΔle® 1"1/4 4SP

### ELÉCTRICAS · ELECTRICAL

#### PE 28 9J NT
170 T | +26 mm | 110 mm



TrΔle® 1"1/4 4SP

#### PE 38 15J NT
220 T | +32 mm | 130 mm



TrΔle® 2" 4 SP 1"6SP

#### PE 50 17J NT
420 T | +32 mm | 130 mm



TrΔle® 2" 6 SP

Bajo pedido
Under Request



#### SE 28 5J N/10J N
137 T | +28 mm | 100 mm



TrΔle® 1"1/4 4SP

#### PE 38 12 J N
240 T | +38 mm | 118 mm



TrΔle® 2" 4 SP 1"6SP

#### PE 58 14J N | PE 58 14J 5.5 N
350 T | +54 mm | 180 mm



TrΔle® 2" 6 SP 3" 2 SP

# CORTADORAS Y EXPOSITORES

Cutting machines, Reel hose, roll holders and exhibitors
Tronçonneuses. Présentoirs et dévidoires
Macchine da taglio. Espositori e portarotoli



## MANGUERA HIDRÁULICA · HYDRAULIC HOSES

### ELÉCTRICAS · ELECTRICAL

#### CHMT-20 N

- Ø Max. 50mm
- 2,2 Kw
- Ø 250 mm



TrΔle® 1"1/4 *4SP*

#### CHM4-32 N

- Ø Max. 75mm
- 3 Kw
- Ø 250 mm



TrΔle® 2" *4SP*

#### CHM4-32 N2

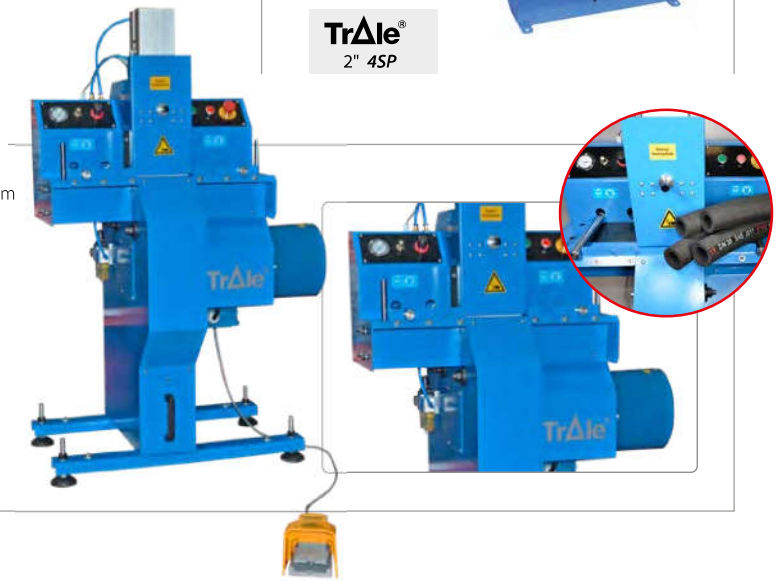
- Ø Max. 75mm
- 4 Kw
- Ø 300 mm



TrΔle® 2" *4SH*

#### CHM6-32 N

- Ø Max. 125mm
- 5,5 Kw
- Ø 520 mm



TrΔle® 2" *6SP* 2" *IND*



**Disponibles múltiples perfiles de discos**
*Available several profiles blades*

## PORTARROLLOS, EXPOSITORES Y ENROLLADORES · REEL HOSE, ROLL HOLDERS AND EXHIBITORS

#### ROLLER



*S.S 316*

#### PRO7

Carga máx. recomendada / bandeja: 70 Kg.

Carga total recomendada: 490 Kg.

*Each holder max 70 kg*

*Total max. capacity: 490 kg*



#### PCM3

*Carga máx. rollo: 35 Kg.*

*Each roll max 35 Kg.*



## ACCESORIOS PARA PRENSAS · ACCESSORIES FOR CRIMPING MACHINES

#### M PE 38 NT



#### SPEBD N



#### EGN | EGNT



#### PEDAL.N/NT



#### GARRAS ESPECIALES
SPECIAL DIES



# SKIVING MACHINES

Peladoras
Schälmaschinen
Dénudeuse

## MANGUERA HIDRÁULICA · HYDRAULIC HOSES

### PELADORA · SKIVING MACHINE

#### PB-32N

2" R.P.M 300 0.75 Kw



TrAle 2"

#### Útiles / Tools





**Portaherramientas.**
*Tool holder*

#### PMT 2

2"



**Peladora Manual**
*Manual hose skiving*

## BANCO DE PRUEBAS · TEST BENCH

### TB 2500



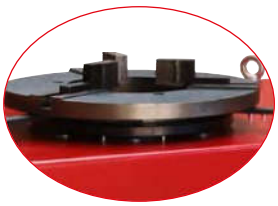


# OTRAS MÁQUINAS
Other Machines
Autres Machines
Altre Macchine

## MESASOLDADURA240

0.40 Kw | 220 Kg | 800x1200x1200





## CK50

7 Bar AIR



**Espumas de multiples tamaños**
*Multiples foam sizes*

**Limpieza**
*Washing*

1/4" ***hasta 2"***

## RG 10

7 Bar AIR | Max. lenght. 20 m



hasta 2"

**Máquina de limpieza de mangueras con dos cabezales de lavado**
*Hose cleaning machine with two flushing heads*

## RG2

7 Bar AIR



**Máquina limpieza de mangueras móvil**
*Mobile hose cleaning machine*

hasta 1 1/4" ID

## MMT050

Ø min. 11,5 mm - max. 100 mm



**Marcadora manual**
*Manual roll marking machine*

## MNT050

Ø min. 11,5 mm - max. 85 mm

**Marcadora neumática**
*Pneumatic marking machine*



**No incluido**
*Not included*

## IRT50

Ø 50mm

straight, 45º, 90º



**Introductor rápido para racores**
*Manual niple inserter*

# Flexibles Industriales

*Industrial Flexible Hoses & Fittings*

Flexibles industriels

*Tubi e raccordi industriali*

INDUS TrΔle®





**Mangueras industriales**
*Industrial hoses*
Tuyaux industriels
*Tubi industriali*




**Racores industriales**
*Industrial fittings*
Raccords industriels
*Raccordi industriali*




**Inox Corrugado**
*Stainless steel hose, welding fittings and flanges*
Tuyau Inox, raccords et brides à souder
*Tubi Inox, raccordi e flange a saldare*




**Baja presión**
*Low pressure*
Basse pression
*Tubi a bassa pressione*




**Aire acondicionado**
*Air conditioning hoses and fittings*
Climatisation
*Aria condizionata*



**Manguera industrial INDUSTrΔle®** 134
Industrial hoses INDUSTrΔle®
Tuyaux industriels INDUSTrΔle®
Tubi industriali INDUSTrΔle®

**Manguera industrial TrΔle® GREENLINE** 139
Industrial hoses TrΔle® GREENLINE
Tuyaux industriels TrΔle® GREENLINE
Tubi industriali TrΔLE® GREENLINE



01

# MANGUERAS INDUSTRIALES

Industrial hoses

Tuyaux industriels

Tubi industriali

# Manguera industrial INDUSTrΔle®

Industrial hoses INDUSTrΔle®
Tuyaux industriels INDUSTrΔle®
Tubi industriali INDUSTrΔle®

Mangueras aire-agua ▪ Air-water hoses ▪ Tuyaux air-eau ▪ Tubo acqua-aria | 134



M8000 MM20 MI0101 MF80 MA1220 MI0102 MI0103

Mangueras hidrocarburos ▪ Hydrocarbon hoses ▪ Tuyaux pour hydrocarbures ▪ Tubo idrocarburi | 135



MI0401 MI0404 MI0403 M7000 ML7010 MSB21

Mangueras soldadura ▪ Welding hoses ▪ Tuyaux pour soudure ▪ Tubi saldatura | 136



MI0603 MI0602 MI0601

Mangueras abrasivas ▪ Abrasive hoses ▪ Tuyaux abrasifs ▪ Tubo abrasivo | 137



MI0301 MI0302 MI0303 MI0305

Mangueras productos químicos ▪ Chemical product hoses ▪ Tuyaux pour produits chimiques ▪ Tubo prodotti chimici | 137



MI0701 MI0702

Mangueras alimentarias ▪ Food hoses ▪ Tuyaux alimentaires ▪ Tubo alimentare | 138



MAS MI0205 MI0206

# Manguera industrial TrΔle® GREENLINE

Industrial hoses TrΔle® GREENLINE
Tuyaux industriels TrΔle® GREENLINE
Tubi industriali TrΔle® GREENLINE

Mangueras aire-agua ▪ Air-water hoses ▪ Tuyaux air-eau ▪ Tubo acqua-aria | 139



MW8000 MWI010 MWA1220

Mangueras hidrocarburos ▪ Hydrocarbon hoses ▪ Tuyaux pour hydrocarbures ▪ Tubo idrocarburi | 139



MW7000

# Manguera industrial INDUSTrΔle®

Industrial hoses INDUSTrΔle®
Tuyaux industriels INDUSTrΔle®
Tubi industriali INDUSTrΔle®

## Ariaform aire comprimido y agua-impulsión

Compressed Air hose - impulsion

Ariaform refoulement air comprimé et de l'eau



Tubo aria compressa - mandata

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 6 | 14 | M80000614 |
| 8 | 15 | M80000817 |
| 10 | 17 | M80001017 |
| 13 | 21 | M80001321 |
| 16 | 26 | M80001626 |
| 19 | 29 | M80001929 |

## Polivalente serie continua

Multi-function. Continuous serie

Tuyau polyvalent air/eau



Polivalente.Serie continua

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 8 | 15 | MM2008 |
| 10 | 17 | MM2010 |
| 13 | 21 | MM2013 |
| 16 | 24 | MM2016 |
| 19 | 27 | MM2019 |
| 25 | 34 | MM2025 |
| 32 | 44 | MM2032 |
| 38 | 50 | MM2038 |

## Aspiración agua 10 bar

Water suction hose 10 bar

Tuyau aspiration eau 10 bar



Tubo aspirazione acqua 10 bar

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25 | 35 | MI01011025 |
| 30 | 40 | MI01011030 |
| 32 | 42 | MI01011032 |
| 35 | 45 | MI01011035 |
| 38 | 48 | MI01011038 |
| 40 | 50 | MI01011040 |
| 51 | 62 | MI01011051 |
| 60 | 71 | MI01011060 |
| 63,5 | 76 | MI01011063.5 |
| 70 | 82 | MI01011070 |
| 76 | 88 | MI01011076 |
| 80 | 92 | MI01011080 |
| 90 | 102 | MI01011090 |
| 102 | 117 | MI01011102 |

## Fumigación serie continua

Fumigation hose. Continous serie

Tuyau fumigation



Fumigazione. Serie continua

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 12,5 | 21 | MF8012 |

## Aire comprimido y agua - impulsión

Compressed air and water impulsion

Air comprimé et eau- impulsion



Aria compressa e acqua – mandata

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25 | 35 | MA122025 |
| 32 | 45 | MA122032 |
| 38 | 51 | MA122040 |
| 51 | 64 | MA122051 |
| 63.5 | 79.5 | MA122063 |
| 75 | 91 | MA122075 |

## Vapor 18 bar, limpieza industrial 210°C

Steam hose 18 bar, industrial cleaning, 210°C

Tuyau vapeur 18 bar, nettoyage industriel 210°C



Vapore 18 bar, lavaggio industriale 210°C

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 13,5 | 24,5 | MI01021713 |
| 18 | 31 | MI01021719 |
| 25 | 38 | MI01021725 |
| 32 | 45 | MI01021732 |
| 38 | 53 | MI01021738 |
| 50,8 | 67 | MI01021751 |
| 76,2 | 93 | MI01021776 |

## Vapor 7 bar EPDM blanco FDA - limpieza industrial

Steam hose 7 bar, white EPDM FDA industrial cleaning

Tuyau vapeur 7 bar EPDM blanc FDA nettoyage industriel



Tubo vapore 7 bar EPDM bianco FDA pulizia industriale

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 13 | 23 | MI01030713 |
| 16 | 26 | MI01030716 |
| 19 | 31 | MI01030719 |
| 25 | 37 | MI01030725 |

# Manguera industrial INDUSTrΔle®

Industrial hoses INDUSTrΔle®
Tuyaux industriels INDUSTrΔle®
Tubi industriali INDUSTrΔle®

## Manguera hidrocarburos 10 bar impulsión

Hydrocarbons hose 10 bar discharge

Tuyau pour hydrocarbures 10 bar impulsion

Tubo idrocarburi 10 bar -mandata



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 6 | 12 | MI04011006 |
| 8 | 14 | MI04011008 |
| 10 | 17 | MI04011010 |
| 13 | 20 | MI04011013 |
| 16 | 23 | MI04011016 |
| 19 | 27 | MI04011019 |
| 25 | 35 | MI04011025 |
| 32 | 42 | MI04011032 |

## Manguera hidrocarburos 20 bar impulsión

Hydrocarbons hose 20 bar discharge

Tuyau pour hydrocarbures 20 bar impulsion

Tubo idrocarburi 20 bar -mandata



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 6 | 12 | MI04042006 |
| 8 | 15 | MI04042008 |
| 10 | 17 | MI04042010 |
| 13 | 20 | MI04042013 |
| 16 | 24 | MI04042016 |
| 19 | 28 | MI04042019 |
| 25 | 35 | MI04042025 |
| 32 | 42 | MI04042032 |

## Manguera hidrocarburos 10 bar aspiración

Hydrocarbons hose 10 bar aspiration

Tuyau pour hydrocarbures 10 bar aspiration

Tubo aspirazione 10 bar idrocarburi



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 19 | 29 | MI040310019 |
| 25 | 35 | MI040310025 |
| 32 | 42 | MI040310032 |
| 38 | 48 | MI040310038 |
| 51 | 61,8 | MI040310051 |
| 63 | 75 | MI040310063 |
| 76 | 89 | MI040310076 |
| 101,4 | 115,4 | MI040310102 |

## Manguera Carbucord 16 bar

Carbucord hose 16 bar

Tuyau Carbucord 16 bar

Tubo Carbucord 16 bar



| Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 42 | 30 | M70003041 |
| 44 | 32 | M70003243 |
| 55 | 40 | M70004054 |
| 65 | 50 | M70005064 |

## Manguera SAE 100 R4

SAE 100 R4 hose

Tuyau SAE 100 R4

Tubo R4 SAE 100




| DN | Referencia Part n° |
|---|---|
| 3/4" | ML701019 |
| 1" | ML701025 |
| 1"1/4 | ML701032 |
| 1"1/2 | ML701038 |
| 2" | ML701050 |
| 2"1/2 | ML701063 |

***Ver precios en página 16** / **See prices page 16* / **Voir les prix page 16* / **Vedere prezzi p.16*

## Manguera EN 854 1TE / SAE 100 R6

EN 854 1TE / SAE 100 R6 Hose

Tuyau EN 854 1TE / SAE 100 R6

Tubi EN 854 1TE / SAE 100 R6




| DN | Referencia Part n° |
|---|---|
| 1/4" | MSB2104 |
| 5/16" | MSB2105 |
| 3/8" | MSB2106 |
| 1/2" | MSB2108 |
| 5/8" | MSB2110 |
| 3/4" | MSB2112 |
| 1" | MSB2116 |

***Ver precios en página 16** / **See prices page 16* / **Voir les prix page 16* / **Vedere prezzi p.16*

# Manguera industrial INDUSTrΔle®

industrial hoses INDUSTrΔle®
Tuyaux industriels INDUSTrΔle®
Tubi industriali INDUSTrΔle®

## Soldadura acetileno

Welding hose acetylene

Tuyau pour soudure - acetilène

Tubo saldatura-acetilene



| Ø INT.<br>Ø INNER | Ø ext<br>Ø outer | Referencia<br>Part n° |
|---|---|---|
| 6,3 | 13,3 | **MI06030603** |
| 8 | 15 | **MI06030803** |
| 10 | 17 | **MI06031003** |

## Soldadura oxígeno

Welding hose - oxygene

Tuyau pour soudure - oxygène

Tubo saldatura-ossigeno



| Ø INT.<br>Ø INNER | Ø ext<br>Ø outer | Referencia<br>Part n° |
|---|---|---|
| 6,3 | 13,3 | **MI06020603** |
| 8 | 15 | **MI06020803** |
| 10 | 17 | **MI06021003** |

## Bitubo (soldadura) oxígeno-acetileno

Twin welding hose - oxygene-acetylene

Tuyau pour soudure jumelé - oxygène-acétylène

Bitubo saldatura -ossigeno-acetilene



| Ø INT.<br>Ø INNER | Ø ext<br>Ø outer | Referencia<br>Part n° |
|---|---|---|
| 6,3 | 12,3 | **MI0601060612** |
| 8 | 14 | **MI0601080814** |
| 10 | 16 | **MI0601101016** |

# Manguera industrial INDUSTrΔle®

industrial hoses INDUSTrΔle®
Tuyaux industriels INDUSTrΔle®
Tubi industriali INDUSTrΔle®

## Chorro de arena - impulsión 12 bar

Sandblast hose - impulsion 12 bar

Tuyau sablage - refoulement 12 bar

Tubo scarico - sabbia 12 bar



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 13 | 27 | MI030112013 |
| 19 | 33 | MI030112019 |
| 25 | 39 | MI030112025 |
| 32 | 48 | MI030112032 |
| 38 | 54 | MI030112038 |
| 42 | 56 | MI030112042 |

## Abrasiva 10 bar aspiración

Abrasive hose - suction 10 bar

Tuyau abrasif - aspiration 10 bar

Tubo abrasivo - aspirazione 10 bar



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 51 | 65 | MI030210051 |
| 60 | 75 | MI030210060 |
| 63.5 | 79 | MI030210063 |
| 76 | 92 | MI030210076 |
| 80 | 96 | MI030210080 |
| 102 | 118 | MI030210102 |

## Abrasiva 4 bar impulsión

Abrasive hose - delivery 4 bar

Tuyau abrasif - refoulement 4 bar

Tubo abrasivo - scarico 4 bar



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 90 | 100 | MI030305090 |
| 102 | 112 | MI030305102 |
| 110 | 120 | MI030305110 |
| 127 | 137 | MI030305127 |
| 152 | 162 | MI030305152 |
| 203 | 213 | MI030305203 |

## Abrasiva impulsión 40 bar

Abrasive hose 40 bar

Tuyau abrasif 40 bar

Tubo abrasivo 40 bar



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25 | 37 | MI030540025 |
| 32 | 46 | MI030540032 |
| 35 | 49 | MI030540035 |
| 38 | 54 | MI030540038 |
| 50 | 66 | MI030540050 |
| 65 | 83 | MI030540065 |
| 76 | 98 | MI030540076 |
| 102 | 125 | MI030540102 |

## Productos químicos 16 bar EPDM

Chemical products hose 16 bar EPDM

Tuyau produits chimiques 16 bar EPDM

Tubo prodotti chimici 16 bar EPDM



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 19 | 31 | MI070116019 |
| 25 | 37 | MI070116025 |
| 32 | 44 | MI070116032 |
| 38 | 51 | MI070116038 |
| 51 | 67 | MI070116051 |
| 63 | 79 | MI070116063 |

## Productos químicos 16 bar Polietileno/UPE

Chemical products hose 16 bar Polyethylene /UPE

Tuyau produits chimiques 16 bar Polyetilène /UPE

Prodotti chimici 16 bar Polietilene/UPE



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 19 | 31 | MI070216019 |
| 25 | 37 | MI070216025 |
| 32 | 44 | MI070216032 |
| 38 | 51 | MI070216038 |
| 50 | 66 | MI070216050 |
| 63 | 79 | MI070216063 |
| 75 | 91 | MI070216075 |
| 100 | 116 | MI070216100 |

# Manguera industrial INDUSTrΔle®

Industrial hoses INDUSTrΔle®
Tuyaux industriels INDUSTrΔle®
Tubi industriali INDUSTrΔle®

## Manguera alimentaria polivalente FDA 10 bar

Multi-function food hose FDA 10 bar

Tuyau alimentaire polyvalent FDA 10 bar



Tubo alimentare polivalente FDA 10 bar

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25,4 | 38 | **MAS025** |
| 32 | 45 | **MAS032** |
| 38 | 52 | **MAS038** |
| 50,8 | 66 | **MAS051** |
| 63,5 | 78 | **MAS063** |
| 76,2 | 93 | **MAS076** |

## Leche anti-extrusión espiral poliamida 10 bar

Milk hose anti-extrusion polyamide spiral 10 bar

Tuyau à lait anti-extrusion spirale polyamide 10 bar



Tubo latte anti-estrusione spirale poliammide 10 bar

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25 | 38 | **MI020510025** |
| 32 | 45 | **MI020510032** |
| 38 | 52 | **MI020510038** |
| 51 | 66 | **MI020510051** |
| 63 | 78 | **MI020510063** |
| 76 | 93 | **MI020510076** |

## Bebidas alcohólicas máx. 40% FDA 10 bar

Alcoholic beverages max. 40% FDA 10 bar

Boissons alcoolisées max. 40% bar FDA 10



Bibite alcoliche max. 40% FDA 10 bar

| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25 | 37 | **MI020610025** |
| 38 | 50 | **MI020610038** |
| 51 | 63 | **MI020610051** |
| 76 | 88 | **MI020610076** |

# Manguera industrial TrΔle® GREENLINE

Industrial hoses TrΔle® GREENLINE
Tuyaux industriels TrΔle® GREENLINE
Tubi industriali TrΔle® GREENLINE

## Aire comprimido y agua-impulsión

Compressed air and water impulsion

Air comprimé et eau-impulsion

Aria compressa e acqua - mandata



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 6 | 14 | MW80000614 |
| 8 | 15 | MW80000815 |
| 10 | 17 | MW80001017 |
| 13 | 21 | MW80001321 |

## Agua y aire comprimido- impulsión

Water and compressed air impulsion

Eau et air comprimé- impulsion

Acqua e aria compressa - mandata



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25 | 35 | MWA122025 |
| 32 | 43,2 | MWA122032 |
| 38 | 49,2 | MWA122040 |
| 51 | 63,4 | MWA122051 |

## Aspiración agua 10 bar

Water suction hose 10 bar

Tuyau aspiration eau 10 bar

Tubo aspirazione acqua 10 bar



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 25 | 36,5 | MWI01011025 |
| 32 | 44 | MWI01011032 |
| 38 | 50 | MWI01011038 |
| 51 | 63 | MWI01011051 |

## Manguera hidrocarburos 16 bar

Hydrocarbons hose 16 bar

Tuyau pour hydrocarbures 16 bar

Tubo idrocarburi 16 bar



| Ø INT. Ø INNER | Ø ext Ø outer | Referencia Part n° |
|---|---|---|
| 32 | 42 | MW70003243 |
| 40 | 50 | MW70004054 |
| 51 | 62 | MW70005064 |

**CAMLOCK DIN EN 14420-7** 148
CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

**Acoples GUILLEMIN NF E-29572** 154
GUILLEMIN NF E-29572
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

**Acoples TW DIN 28450** 156
TW DIN 28450 Fittings
Raccords TW DIN 28450
Raccordi TW DIN 28450

**Acople BARCELONA UNE 23400** 158
BARCELONA UNE 23400 Fittings
Raccords BARCELONA UNE 23400
Raccordi BARCELONA UNE 23400

**Acoples STORZ DIN 1430** 159
STORZ DIN 1430 Fittings
Raccords STORZ DIN 1430
Raccordi STORZ DIN 1430

**Acoples EA DIN 3489** 160
EA DIN 3489 Fittings
Raccords EA DIN 3489
Raccordi EA DIN 3489

**Acoples UA CHICAGO** 161
UA CHICAGO Fittings
Raccords UA CHICAGO
Raccordi UA CHICAGO

**Acoples EXPRESS NF E-29-573** 162
EXPRESS NF E-29-573 Fittings
Raccords EXPRESS NF E-29-573
Raccordi EXPRESS NF E-29-573

**Acoples GEKA** 163
GEKA Fittings
Raccords GEKA
Raccordi GEKA

**Acoples CAMLOCK MORTERO** 164
MORTAR CAMLOCK Fittings
Raccords MORTIER CAMLOCK
Raccordi CAMLOCK MORTAIO

**Acoples CHORRO DE ARENA** 165
SANDBLAST Fittings
Raccords SABLAGE
Raccordi per SABBIATURA

**Acoples BAUER** 167
BAUER Fittings
Raccords BAUER
Raccordi BAUER

**Acoples PERROT** 168
PERROT Fittings
Raccords PERROT
Raccordi PERROT

**Acoples vapor tipo BOSS** 169
Steam fittings BOSS type
Raccords vapeur type BOSS
Raccordi per vapore tipo BOSS

**Acoples vapor EN 14423** 170
Steam EN 14423 fittings
Raccords vappeur EN 14423
Raccordi per vapore EN 14423

**Accesorios industriales** 171
Industrial accessories
Accessoires industriels
Accessori industriale



02

# RACORES INDUSTRIALES

Industrial fittings

Raccords industriels

Raccordi industriali

# CAMLOCK DIN EN 14420-7

CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

CAMLOCK aluminio ▪ CAMLOCK Unions aluminum ▪ Raccords CAMLOCK aluminium ▪ Raccordi CAMLOCK alluminio | 148




CAMLOCK latón ▪ CAMLOCK Unions brass ▪ Raccords CAMLOCK laiton ▪ Raccordi CAMLOCK ottone | 150




CAMLOCK PP ▪ CAMLOCK Unions PP ▪ Raccords CAMLOCK PP ▪ Raccordi CAMLOCK polipropilene | 152




Juntas CAMLOCK ▪ CAMLOCK Seals ▪ Joints CAMLOCK ▪ Guarnizioni per Camlock | 153




# Acoples GUILLEMIN NF E-29572

GUILLEMIN NF E-29572
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

GUILLEMIN aluminio ▪ GUILLEMIN aluminum ▪ GUILLEMIN aluminium ▪ GUILLEMIN alluminio | 154




Juntas para GUILLEMIN ▪ Seals for GUILLEMIN ▪ Joints pour GUILLEMIN ▪ Guarnizioni per GUILLEMIN | 155



# Acoples TW DIN 28450

TW DIN 28450 Fittings
Raccords TW DIN 28450
Raccordi TW DIN 28450


TW Latón ▪ TW brass ▪ TW laiton ▪ TW Ottone | 156


BRMK


BRVK


BRMB


BRVB

TW aluminio ▪ TW aluminum ▪ TW aluminium ▪ TW alluminio | 156


ALMB


ALVB

Juntas labiales para MK ▪ U-seals for MK ▪ Joints à lèvres pour MK ▪ U-seals per MK | 157


NBRMK


FPMMK

Juntas planas roscadas para VK, MK ▪ Flat seals for TW VK ▪ Joints plats pour TW VK ▪ Guarnizioni piatte per TW VK, MB | 157


NBRTWR


PTFEEWR

Juntas planas para MB ▪ Flat seals for MB ▪ Joints plats pour MB ▪ Guarnizioni piatte per MB | 157


CSMMB

Juntas toricas para MK y MB ▪ ORING MK ▪ ORING MK ▪ ORING MK | 157


NBRTW


FPMTW

# Acople BARCELONA UNE 23400

BARCELONA UNE 23400 Fittings
Raccords BARCELONA UNE 23400
Raccordi BARCELONA UNE 23400

BARCELONA Aluminio ▪ BARCELONA aluminium ▪ BARCELONA aluminium ▪ BARCELONA Alluminio | 158



ALBA01 ALBA03 ALBA05 ALBA02 ALBA04

Juntas BARCELONA ▪ BARCELONA seals ▪ Joints BARCELONA ▪ Guarnizioni BARCELONA | 158



NBRBA

# Acoples STORZ DIN 1430

STORZ DIN 1430 Fittings
Raccords STORZ DIN 1430
Raccordi STORZ DIN 1430

STORZ aluminio DIN 1430 ▪ STORZ aluminium DIN 1430 ▪ STORZ aluminium DIN 1430 ▪ STORZ alluminio DIN 1430 | 159



ALST01 ALST03 ALST05 ALST02 ALST04

Juntas STORZ ▪ STORZ Seals ▪ STORZ Joints ▪ Guarnizioni STORZ | 159



NBRST

# Acoples EA DIN 3489

EA DIN 3489 Fittings
Raccords EA DIN 3489
Raccordi EA DIN 3489

EA acero ▪ EA steel ▪ EA acier ▪ EA acciaio | 160



EA01 EA02 EA04 EA05

Juntas EA ▪ EA seals ▪ Joints EA ▪ Guarnizioni EA | 160



NBREA

# Acoples UA CHICAGO

UA CHICAGO Fittings
Raccords UA CHICAGO
Raccordi UA CHICAGO

UA CHICAGO ACERO ▪ UA CHICAGO steel ▪ UA CHICAGO acier ▪ UA CHICAGO acciaio | 161


UA01


UA02


UA04


UA05

JUNTAS UA CHICAGO ▪ UA CHICAGO seals ▪ Joints UA CHICAGO ▪ Guarnizioni UA CHICAGO | 161


NBRUA

# Acoples EXPRESS NF E-29-573

EXPRESS NF E-29-573 Fittings
Raccords EXPRESS NF E-29-573
Raccordi EXPRESS NF E-29-573

EXPRESS latón ▪ EXPRESS brass ▪ EXPRESS laiton ▪ EXPRESS ottone | 162


BREX01


BREX02


BREX04


BREX05

Juntas EXPRESS ▪ EXPRESS seals ▪ Joints EXPRESS ▪ Guarnizioni EXPRESS | 162


NBREX

# Acoples GEKA

GEKA Fittings
Raccords GEKA
Raccordi GEKA

GEKA latón ▪ GEKA brass ▪ GEKA laiton ▪ GEKA ottone | 163


BRGE01


BRGE02


BRGE04


BRGE05

Juntas GEKA ▪ GEKA seals ▪ Joints GEKA ▪ Guarnizioni GEKA | 163


NBRGE

# Acoples CAMLOCK MORTERO

MORTAR CAMLOCK Fittings
Raccords MORTIER CAMLOCK
Raccordi CAMLOCK MORTAIO

CAMLOCK MORTERO acero carbono ▪ Carbon steel MORTAR CAMLOCK ▪ CAMLOCK MORTIER acier carbone ▪ CAMLOCK MORTAIO acciaio al carbonio | 164


MT22A


MT22C


MT22D


MT22E

# Acoples CHORRO DE ARENA

SANDBLAST Fittings
Raccords SABLAGE
Raccordi per SABBIATURA

CHORRO DE ARENA aluminio ▪ SANDBLAST aluminum ▪ SABLAGE aluminium ▪ SABBIATURA alluminio | 165


ALCH05


ALCH01


ALCH07

CHORRO DE ARENA latón ▪ SANDBLAST brass ▪ SABLAGE laiton ▪ SABBIATURA ottone | 165


BRCH05


BRCH01


BRCH07

CHORRO DE ARENA nylon ▪ SANDBLAST nylon ▪ SABLAGE nylon ▪ SABBIATURA Nylon | 166


NYCH05


NYCH01


NYCH07

Juntas CHORRO DE ARENA ▪ SANDBLAST Seals ▪ SABLAGE Joints ▪ SABBIATURA Guarnizioni | 166


NBRCH

# Acoples BAUER

BAUER Fittings
Raccords BAUER
Raccordi BAUER

BAUER acero ▪ BAUER carbon steel ▪ BAUER acier ▪ BAUER acciaio | 167


BEF


BEM

JUNTA BAUER ▪ BAUER seals ▪ Joints BAUER ▪ Guarnizioni BAUER | 167


NBRBE

# Acoples PERROT

PERROT Fittings
Raccords PERROT
Raccordi PERROT

PERROT acero ▪ PERROT carbon steel ▪ PERROT acier ▪ PERROT acciaio | 168


PEF


PEM

Juntas PERROT ▪ PERROT seals ▪ Joints PERROT ▪ Guarnizioni PERROT | 168


NBRPE

# Acoples vapor tipo BOSS

Steam fittings BOSS type
Raccords vapeur type BOSS
Raccordi per vapore tipo BOSS

BOSS acero ▪ BOSS carbon steel ▪ BOSS acier ▪ BOSS acciaio | 169


BO1_3

# Acoples vapor EN 14423

Steam EN 14423 fittings
Raccords vappeur EN 14423
Raccordi per vapore EN 14423

EN 144423 acero carbono ▪ EN 14423 steel fittings ▪ Raccords EN 14423 acier ▪ Raccordi EN 14423 acciaio | 170


AB06


STE01


STE02

# Accesorios industriales

Industrial accessories
Accessoires industriels
Accessori industriale

Campana para racor industrial ▪ Crimping Ferrule for industrial fitting ▪ Jupe pour raccord industriel ▪ Boccola per raccordo industriale | 171


ALCA

Abrazadera para racor industrial ▪ Clamp for industrial fitting ▪ Collier pour raccord industriel ▪ Collare per raccordo industriale | 171


ALAB01


AB03


AB05


AB04


AB02

# CAMLOCK DIN EN 14420-7

CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

## CAMLOCK aluminio macho - rosca hembra BSP Tipo A

CAMLOCK aluminum male - female threaded BSP Type A
CAMLOCK aluminium -adapteur mâle - filetage femelle Type A
Tipo A alluminio: Camlock maschio - filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **ALA012** |
| 20 | 3/4" | **ALA020** |
| 25 | 1" | **ALA025** |
| 32 | 1" 1/4 | **ALA032** |
| 40 | 1" 1/2 | **ALA040** |
| 50 | 2" | **ALA050** |
| 65 | 2" 1/2 | **ALA065** |
| 80 | 3" | **ALA080** |
| 100 | 4" | **ALA100** |

## CAMLOCK aluminio hembra - rosca macho BSPT Tipo B

CAMLOCK aluminum female - male threaded BSPT Type B
CAMLOCK aluminium -adapteur femelle - filetage mâle Type B
Tipo B alluminio: Camlock femmina - filetto maschio BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **ALB012** |
| 20 | 3/4" | **ALB020** |
| 25 | 1" | **ALB025** |
| 32 | 1" 1/4 | **ALB032** |
| 40 | 1" 1/2 | **ALB040** |
| 50 | 2" | **ALB050** |
| 65 | 2" 1/2 | **ALB065** |
| 80 | 3" | **ALB080** |
| 100 | 4" | **ALB100** |

## CAMLOCK aluminio hembra - para manguera Tipo C

CAMLOCK aluminum female - serrated hose shank Type C
CAMLOCK aluminium -coupleur femelle Type C
Tipo C alluminio: Camlock femmina con inserto per tubo



| DN | MANGUERA HOSE | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **ALC012** |
| 20 | 3/4" | **ALC020** |
| 25 | 1" | **ALC025** |
| 32 | 1"1/4 | **ALC032** |
| 40 | 1"1/2 | **ALC040** |
| 50 | 2" | **ALC050** |
| 65 | 2"1/2 | **ALC065** |
| 80 | 3" | **ALC080** |
| 100 | 4" | **ALC100** |

## CAMLOCK aluminio hembra - rosca hembra BSP Tipo D

CAMLOCK aluminum female - female threaded BSP Type D
CAMLOCK aluminium -adapteur femelle Type D
Tipo D alluminio: Camlock femmina - filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **ALD012** |
| 20 | 3/4" | **ALD020** |
| 25 | 1" | **ALD025** |
| 32 | 1" 1/4 | **ALD032** |
| 40 | 1" 1/2 | **ALD040** |
| 50 | 2" | **ALD050** |
| 65 | 2" 1/2 | **ALD065** |
| 80 | 3" | **ALD080** |
| 100 | 4" | **ALD100** |

## CAMLOCK aluminio macho - para manguera Tipo E

CAMLOCK aluminum male - serrated hose shank Type E
CAMLOCK aluminium -coupleur mâle Type E
Tipo E alluminio: Camlock maschio con inserto per tubo



| DN | MANGUERA HOSE | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **ALE012** |
| 20 | 3/4" | **ALE020** |
| 25 | 1" | **ALE025** |
| 32 | 1"1/4 | **ALE032** |
| 40 | 1"1/2 | **ALE040** |
| 50 | 2" | **ALE050** |
| 65 | 2"1/2 | **ALE065** |
| 80 | 3" | **ALE080** |
| 100 | 4" | **ALE100** |

## CAMLOCK aluminio macho - rosca macho BSPT Tipo F

CAMLOCK aluminum male - male threaded BSPT Type F
CAMLOCK aluminium -adapteur mâle Type F
Tipo F alluminio: Camlock maschio - filetto maschio BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **ALF012** |
| 20 | 3/4" | **ALF020** |
| 25 | 1" | **ALF025** |
| 32 | 1" 1/4 | **ALF032** |
| 40 | 1" 1/2 | **ALF040** |
| 50 | 2" | **ALF050** |
| 65 | 2" 1/2 | **ALF065** |
| 80 | 3" | **ALF080** |
| 100 | 4" | **ALF100** |

# CAMLOCK DIN EN 14420-7

CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

## CAMLOCK aluminio hembra - tapón Tipo DC

CAMLOCK aluminum cap Type DC

CAMLOCK aluminium -bouchon femelle Type DC

Tipo DC alluminio: tappo Camlock femmina



| DN | Referencia<br>Part n° |
|---|---|
| 12 | **ALDC012** |
| 20 | **ALDC020** |
| 25 | **ALDC025** |
| 32 | **ALDC032** |
| 40 | **ALDC040** |
| 50 | **ALDC050** |
| 65 | **ALDC065** |
| 80 | **ALDC080** |
| 100 | **ALDC100** |

## CAMLOCK aluminio macho - tapón tipo DP

CAMLOCK aluminum male - plug Type DC

CAMLOCK aluminium -bouchon mâle Type DP

Tipo DP alluminio: tappo Camlock maschio



| DN | Referencia<br>Part n° |
|---|---|
| 12 | **ALDP012** |
| 20 | **ALDP020** |
| 25 | **ALDP025** |
| 32 | **ALDP032** |
| 40 | **ALDP040** |
| 50 | **ALDP050** |
| 65 | **ALDP065** |
| 80 | **ALDP080** |
| 100 | **ALDP100** |

# CAMLOCK DIN EN 14420-7

CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

## CAMLOCK latón macho - rosca hembra Tipo A

CAMLOCK brass -adaptor, female threaded Type A

CAMLOCK laiton -adapteur mâle - filetage femelle Type A

Tipo A ottone: Camlock maschio - filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **BRA012** |
| 20 | 3/4" | **BRA020** |
| 25 | 1" | **BRA025** |
| 32 | 1" 1/4 | **BRA032** |
| 40 | 1" 1/2 | **BRA040** |
| 50 | 2" | **BRA050** |
| 65 | 2" 1/2 | **BRA065** |
| 80 | 3" | **BRA080** |
| 100 | 4" | **BRA100** |

## CAMLOCK latón hembra - rosca macho Tipo B

CAMLOCK brass -coupling, male threaded Type B

CAMLOCK laiton -adapteur femelle - filetage mâle Type B

Tipo B ottone: Camlock femmina - filetto maschio BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **BRB012** |
| 20 | 3/4" | **BRB020** |
| 25 | 1" | **BRB025** |
| 32 | 1" 1/4 | **BRB032** |
| 40 | 1" 1/2 | **BRB040** |
| 50 | 2" | **BRB050** |
| 65 | 2" 1/2 | **BRB065** |
| 80 | 3" | **BRB080** |
| 100 | 4" | **BRB100** |

## CAMLOCK latón hembra para manguera Tipo C

CAMLOCK brass -coupling with serrated hose shank Type C

CAMLOCK laiton -coupleur femelle Type C

Tipo C ottone: Camlock femmina con inserto per tubo



| DN | MANGUERA HOSE | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **BRC012** |
| 20 | 3/4" | **BRC020** |
| 25 | 1" | **BRC025** |
| 32 | 1"1/4 | **BRC032** |
| 40 | 1"1/2 | **BRC040** |
| 50 | 2" | **BRC050** |
| 65 | 2"1/2 | **BRC065** |
| 80 | 3" | **BRC080** |
| 100 | 4" | **BRC100** |

## CAMLOCK latón hembra BSP Tipo D

CAMLOCK brass -coupling, female threaded Type D

CAMLOCK laiton -adapteur femelle Type D

Tipo D ottone: Camlock femmina - filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **BRD012** |
| 20 | 3/4" | **BRD020** |
| 25 | 1" | **BRD025** |
| 32 | 1" 1/4 | **BRD032** |
| 40 | 1" 1/2 | **BRD040** |
| 50 | 2" | **BRD050** |
| 65 | 2" 1/2 | **BRD065** |
| 80 | 3" | **BRD080** |
| 100 | 4" | **BRD100** |

## CAMLOCK latón macho para manguera Tipo E

CAMLOCK brass -adaptor, with serrated hose shank Type E

CAMLOCK laiton -coupleur mâle Type E

Tipo E ottone: Camlock maschio con inserto per tubo



| DN | MANGUERA HOSE | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **BRE012** |
| 20 | 3/4" | **BRE020** |
| 25 | 1" | **BRE025** |
| 32 | 1"1/4 | **BRE032** |
| 40 | 1"1/2 | **BRE040** |
| 50 | 2" | **BRE050** |
| 65 | 2"1/2 | **BRE065** |
| 80 | 3" | **BRE080** |
| 100 | 4" | **BRE100** |

## CAMLOCK latón macho BSPT Tipo F

CAMLOCK brass -adaptor, male threaded Type F

CAMLOCK laiton -adapteur mâle Type F

Tipo F ottone: Camlock maschio - filetto maschio BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **BRF012** |
| 20 | 3/4" | **BRF020** |
| 25 | 1" | **BRF025** |
| 32 | 1" 1/4 | **BRF032** |
| 40 | 1" 1/2 | **BRF040** |
| 50 | 2" | **BRF050** |
| 65 | 2" 1/2 | **BRF065** |
| 80 | 3" | **BRF080** |
| 100 | 4" | **BRF100** |

# CAMLOCK DIN EN 14420-7

CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

## CAMLOCK latón hembra -tapón Tipo DC

CAMLOCK brass - cap Type DC

CAMLOCK laiton -bouchon femelle Type DC

Tipo DC ottone: tappo Camlock femmina



| DN | Referencia<br>Part n° |
|---|---|
| 12 | **BRDC012** |
| 20 | **BRDC020** |
| 25 | **BRDC025** |
| 32 | **BRDC032** |
| 40 | **BRDC040** |
| 50 | **BRDC050** |
| 65 | **BRDC065** |
| 80 | **BRDC080** |
| 100 | **BRDC100** |

## CAMLOCK latón macho -tapón Tipo DP

CAMLOCK brass - plug Type DC

CAMLOCK laiton -bouchon mâle Type DP

Tipo DP ottone: tappo Camlock maschio



| DN | Referencia<br>Part n° |
|---|---|
| 12 | **BRDP012** |
| 20 | **BRDP020** |
| 25 | **BRDP025** |
| 32 | **BRDP032** |
| 40 | **BRDP040** |
| 50 | **BRDP050** |
| 65 | **BRDP065** |
| 80 | **BRDP080** |
| 100 | **BRDP100** |

# CAMLOCK DIN EN 14420-7

CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

## CAMLOCK PP Adaptador macho - rosca hembra Tipo A BSP

CAMLOCK PP-Adaptor, female thread BSP Type A

CAMLOCK PP-Adapteur mâle - filetage femelle Type A BSP

Tipo A polipropilene: Camlock maschio - filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **PPA012** |
| 20 | 3/4" | **PPA020** |
| 25 | 1" | **PPA025** |
| 32 | 1"1/4 | **PPA032** |
| 40 | 1"1/2 | **PPA040** |
| 50 | 2" | **PPA050** |
| 65 | 2"1/2 | **PPA065** |
| 80 | 3" | **PPA080** |
| 100 | 4" | **PPA100** |

## CAMLOCK PP Adaptador hembra - rosca macho Tipo B BSPT

CAMLOCK PP-Coupling, female thread BSPT Type B

CAMLOCK PP-Adapteur femelle - filetage mâle Type B BSPT

Tipo B polipropilene: Camlock femmina - filetto maschio BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **PPB012** |
| 20 | 3/4" | **PPB020** |
| 25 | 1" | **PPB025** |
| 32 | 1"1/4 | **PPB032** |
| 40 | 1"1/2 | **PPB040** |
| 50 | 2" | **PPB050** |
| 65 | 2"1/2 | **PPB065** |
| 80 | 3" | **PPB080** |
| 100 | 4" | **PPB100** |

## CAMLOCK PP Conexión hembra para manguera Tipo C

CAMLOCK PP-Coupling with serrat hose shank Type C

CAMLOCK PP-Coupleur femelle Type C

Tipo C polipropilene: Camlock femmina con inserto per tubo



| DN | MANGUERA HOSE | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **PPC012** |
| 20 | 3/4" | **PPC020** |
| 25 | 1" | **PPC025** |
| 32 | 1"1/4 | **PPC032** |
| 40 | 1"1/2 | **PPC040** |
| 50 | 2" | **PPC050** |
| 65 | 2"1/2 | **PPC065** |
| 80 | 3" | **PPC080** |
| 100 | 4" | **PPC100** |

## CAMLOCK PP Adaptator hembra Tipo D BSP

CAMLOCK PP-Coupling, female thread BSP Type D

CAMLOCK PP-Adapteur femelle Tipe D BSP

Tipo D polipropilene: Camlock femmina - filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **PPD012** |
| 20 | 3/4" | **PPD020** |
| 25 | 1" | **PPD025** |
| 32 | 1"1/4 | **PPD032** |
| 40 | 1"1/2 | **PPD040** |
| 50 | 2" | **PPD050** |
| 65 | 2"1/2 | **PPD065** |
| 80 | 3" | **PPD080** |
| 100 | 4" | **PPD100** |

## CAMLOCK PP Conexión macho para manguera Tipo E

CAMLOCK PP-Adaptor, with serrat hose shank Type E

CAMLOCK PP-Coupleur mâle Type E

Tipo E polipropilene: Camlock maschio con inserto per tubo



| DN | MANGUERA HOSE | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **PPE012** |
| 20 | 3/4" | **PPE020** |
| 25 | 1" | **PPE025** |
| 32 | 1"1/4 | **PPE032** |
| 40 | 1"1/2 | **PPE040** |
| 50 | 2" | **PPE050** |
| 65 | 2"1/2 | **PPE065** |
| 80 | 3" | **PPE080** |
| 100 | 4" | **PPE100** |

## CAMLOCK PP Adaptador macho Tipo F BSPT

CAMLOCK PP-Adaptor, male thread BSPT Type F

CAMLOCK PP-Adapteur mâle Type F BSPT

Tipo F polipropilene: Camlock maschio - filetto maschio BSPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 12 | 1/2" | **PPF012** |
| 20 | 3/4" | **PPF020** |
| 25 | 1" | **PPF025** |
| 32 | 1"1/4 | **PPF032** |
| 40 | 1"1/2 | **PPF040** |
| 50 | 2" | **PPF050** |
| 65 | 2"1/2 | **PPF065** |
| 80 | 3" | **PPF080** |
| 100 | 4" | **PPF100** |

# CAMLOCK DIN EN 14420-7

CAMLOCK DIN EN 14420-7
Raccords DIN EN 14420-7
Raccordi CAMLOCK DIN EN 14420-7

## CAMLOCK PP Tapón hembra Tipo DC

CAMLOCK PP-Caps Type DC

CAMLOCK PP-Bouchon femelle Type DC

Tipo DC polipropilene: tappo Camlock femmina



| DN | Referencia Part n° |
|---|---|
| 12 | **PPDC012** |
| 20 | **PPDC020** |
| 25 | **PPDC025** |
| 32 | **PPDC032** |
| 40 | **PPDC040** |
| 50 | **PPDC050** |
| 65 | **PPDC065** |
| 80 | **PPDC080** |
| 100 | **PPDC100** |

## CAMLOCK PP Tapón macho tipo DP

CAMLOCK PP-Plug Type DP

CAMLOCK PP-Bouchon mâle Type DP

Tipo DP polipropilene: tappo Camlock maschio



| DN | Referencia Part n° |
|---|---|
| 12 | **PPDP012** |
| 20 | **PPDP020** |
| 25 | **PPDP025** |
| 32 | **PPDP032** |
| 40 | **PPDP040** |
| 50 | **PPDP050** |
| 65 | **PPDP065** |
| 80 | **PPDP080** |
| 100 | **PPDP100** |

## Juntas CAMLOCK NBR

CAMLOCK NBR Seal

Joint CAMLOCK NBR

Guarnizione in NBR per CAMLOCK



| | Referencia Part n° |
|---|---|
| 12 | **JCAMNBR012** |
| 20 | **JCAMNBR020** |
| 25 | **JCAMNBR025** |
| 32 | **JCAMNBR032** |
| 40 | **JCAMNBR040** |
| 50 | **JCAMNBR050** |
| 65 | **JCAMNBR065** |
| 80 | **JCAMNBR080** |
| 100 | **JCAMNBR100** |

***Ver precios en Tarifa Inox** / **See prices in Stainless steel Catalogue* / **Voir prix dans le Catalogue A x* / **Prezzi in Acciaio Inossidabile*

## Junta CAMLOCK silicona

CAMLOCK Silicone Seal

Joint CAMLOCK silicône

Guarnizione in silicone per CAMLOCK



| | Referencia Part n° |
|---|---|
| 12 | **JCAMS012** |
| 20 | **JCAMS020** |
| 25 | **JCAMS025** |
| 32 | **JCAMS032** |
| 40 | **JCAMS040** |
| 50 | **JCAMS050** |
| 65 | **JCAMS065** |
| 80 | **JCAMS080** |
| 100 | **JCAMS100** |

***Ver precios en Tarifa Inox** / **See prices in Stainless steel Catalogue* / **Voir prix dans le Catalogue Acier Inox* / **Prezzi in Acciaio Inossidabile*

# CAMLOCK **ACERO INOXIDABLE | STAINLESS STEEL**



Para una amplia gama de aplicaciones como agua, petróleo y productos químicos
*For a wide range of applications such as water, petroleum and chemical liquids*

# Acoples GUILLEMIN NF E-29572

GUILLEMIN NF E-29572
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

## GUILLEMIN aluminio con cierre -rosca hembra BSP

GUILLEMIN aluminium with closure-BSP Female thread
GUILLEMIN aluminium avec fermeture-Filetage Femelle BSP
GUILLEMIN alluminio con chiusura -Filetto femmina



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 20 | 3/4" | **ALGU01C020** |
| 25 | 1" | **ALGU01C025** |
| 32 | 1" 1/4 | **ALGU01C032** |
| 40 | 1" 1/2 | **ALGU01C040** |
| 50 | 2" | **ALGU01C050** |
| 65 | 2" 1/2 | **ALGU01C065** |
| 80 | 3" | **ALGU01C080** |
| 100 | 4" | **ALGU01C100** |

## GUILLEMIN aluminio con cierre -rosca macho BSP

GUILLEMIN aluminium with closure- BSP Male thread
GUILLEMIN aluminium avec fermeture -Filetage Male BSP
GUILLEMIN alluminio con chiusura-Filetto maschio



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 20 | 3/4" | **ALGU02C020** |
| 25 | 1" | **ALGU02C025** |
| 32 | 1" 1/4 | **ALGU02C032** |
| 40 | 1" 1/2 | **ALGU02C040** |
| 50 | 2" | **ALGU02C050** |
| 65 | 2" 1/2 | **ALGU02C065** |
| 80 | 3" | **ALGU02C080** |
| 100 | 4" | **ALGU02C100** |

## GUILLEMIN aluminio sin cierre -rosca hembra BSP

GUILLEMIN aluminium without closure -BSP Female thread
GUILLEMIN aluminium sans fermeture -Filetage Femelle BSP
GUILLEMIN alluminio senza chiusura-Filetto femmina



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 20 | 3/4" | **ALGU01S020** |
| 25 | 1" | **ALGU01S025** |
| 32 | 1" 1/4 | **ALGU01S032** |
| 40 | 1" 1/2 | **ALGU01S040** |
| 50 | 2" | **ALGU01S050** |
| 65 | 2" 1/2 | **ALGU01S065** |
| 80 | 3" | **ALGU01S080** |
| 100 | 4" | **ALGU01S100** |

## GUILLEMIN aluminio sin cierre -rosca macho BSP

GUILLEMIN aluminium without closure-BSP Male thread
GUILLEMIN aluminium sans fermeture -Filetage Male BSP
GUILLEMIN alluminio senza chiusura-Filetto maschio



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 20 | 3/4" | **ALGU02S020** |
| 25 | 1" | **ALGU02S025** |
| 32 | 1" 1/4 | **ALGU02S032** |
| 40 | 1" 1/2 | **ALGU02S040** |
| 50 | 2" | **ALGU02S050** |
| 65 | 2" 1/2 | **ALGU02S065** |
| 80 | 3" | **ALGU02S080** |
| 100 | 4" | **ALGU02S100** |

## GUILLEMIN aluminio con cierre -tapón

GUILLEMIN aluminium with closure-Plug
GUILLEMIN aluminium avec fermeture -Bouchon
GUILLEMIN alluminio con chiusura-Tappo



| DN | Referencia Part n° |
|---|---|
| 20 | **ALGU04C020** |
| 25 | **ALGU04C025** |
| 32 | **ALGU04C032** |
| 40 | **ALGU04C040** |
| 50 | **ALGU04C050** |
| 65 | **ALGU04C065** |
| 80 | **ALGU04C080** |
| 100 | **ALGU04C100** |

## GUILLEMIN aluminio con cierre-reductor

GUILLEMIN aluminium with closure-Reducer
GUILLEMIN aluminium avec fermeture -Réduction
GUILLEMIN alluminio con chiusura-Riduzione



| DN | Referencia Part n° |
|---|---|
| 40-32 | **ALGU03C040032** |
| 50-40 | **ALGU03C050040** |
| 65-50 | **ALGU03C065050** |
| 80-65 | **ALGU03C080065** |
| 100-80 | **ALGU03C100080** |

## GUILLEMIN aluminio sin cierre -tapón

GUILLEMIN aluminium without closure-Plug
GUILLEMIN aluminium sans fermeture-Bouchon
GUILLEMIN alluminio senza chiusura-Tappo



| DN | Referencia Part n° |
|---|---|
| 32 | **ALGU04S032** |
| 40 | **ALGU04S040** |
| 50 | **ALGU04S050** |
| 65 | **ALGU04S065** |
| 80 | **ALGU04S080** |
| 100 | **ALGU04S100** |

# Acoples GUILLEMIN NF E-29572

GUILLEMIN NF E-29572
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

## GUILLEMIN aluminio con cierre -para manguera

GUILLEMIN aluminium with closure-For hose
GUILLEMIN aluminium avec fermeture-Pour tuyau
GUILLEMIN alluminio con chiusura-Per tubo



| Ø ESPIGA(mm)<br>Ø TAIL (mm) | TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|---|
| 40 | 40 | **ALGU05C040040** |
| 45 | 40 | **ALGU05C040045** |
| 50 | 50 | **ALGU05C050050** |
| 55 | 50 | **ALGU05C050055** |
| 65 | 65 | **ALGU05C065065** |
| 80 | 80 | **ALGU05C080080** |
| 100 | 100 | **ALGU05C100100** |

## GUILLEMIN -junta NBR

GUILLEMIN -NBR joint
GUILLEMIN -joint NBR
GUILLEMIN -Guarnizioni NBR



| DN | Referencia<br>Part n° |
|---|---|
| 20 | **NBRGU020** |
| 25 | **NBRGU025** |
| 32 | **NBRGU032** |
| 40 | **NBRGU040** |
| 50 | **NBRGU050** |
| 65 | **NBRGU065** |
| 80 | **NBRGU080** |
| 100 | **NBRGU100** |

GUILLEMIN **ACERO INOXIDABLE | STAINLESS STEEL**






**EN 14420-8 | NF E-29572**
Ver ficha técnica | Check technical sheet

Aplicaciones de presión y aspiración en un amplio rango de industrias
*Pressure and suction purposes in a wide range of industries*

# Acoples TW DIN 28450

TW DIN 28450 Fittings
Raccords TW DIN 28450
Raccordi TW DIN 28450

## TW latón -Rosca hembra - acople hembra BSP

TW brass -Female thread - female coupling

TW laiton -Filetage Femelle - accouplement Femelle BSP

TW ottone -Filetto femmina- accoppiamento femmina BSP



| DN | Referencia Part n° |
|---|---|
| 2" | BRMK05032 |
| 3" | BRMK08048 |
| 4" | BRMK10064 |

## TW latón -Rosca hembra - acople macho BSP

TW brass -Female thread - male coupling

TW laiton - Filetage Femelle - accouplement Male BSP

TW ottone -Filetto femmina- accoppiamento maschio BSP



| DN | Ø | Referencia Part n° |
|---|---|---|
| 2" | 70.5 | BRVK05032 |
| 3" | 102 | BRVK08048 |
| 4" | 128 | BRVK10064 |

## TW latón -Tapón - acople hembra

TW brass -Plug - Female coupling

TW laiton -Bouchon - accouplement Femelle

TW ottone -Tappo- accoppiamento femmina



| DN | Referencia Part n° |
|---|---|
| 2" | BRMB050 |
| 3" | BRMB080 |
| 4" | BRMB100 |

## TW latón -Tapón - acople macho

TW brass -Plug - Male coupling

TW laiton -Bouchon - accouplement Mâle

TW ottone -Tappo- accoppiamento maschio



| DN | Ø | Referencia Part n° |
|---|---|---|
| 2" | 70.5 | BRVB050 |
| 3" | 102 | BRVB080 |
| 4" | 128 | BRVB100 |

## TW aluminio-Tapón - acople hembra

TW aluminum -Female Dust Cap coupling

TW aluminium -Bouchon - accouplement Femelle

TW alluminio -Tappo- accoppiamento femmina



| DN | Referencia Part n° |
|---|---|
| 2" | ALMB050 |
| 3" | ALMB080 |
| 4" | ALMB100 |

## TW aluminio -Tapón - acople macho

TW aluminum - Male Dust Plug coupling

TW aluminium -Bouchon - accouplement Mâle

TW alluminio -Tappo- accoppiamento maschio



| DN | Ø | Referencia Part n° |
|---|---|---|
| 2" | 70.5 | ALVB050 |
| 3" | 102 | ALVB080 |
| 4" | 128 | ALVB100 |

# TW






Para el transporte de líquidos, sólidos y gases, excepto gas licuado y vapor.
*For the transport of liquids, solids and gases, except liquefied gas and steam.*

**DIN 28450 | EN 14420-6**
Ver ficha técnica | Check technical sheet

● *Inox | Stainless Steel* ● *Aluminio | Aluminium* ● *Latón | Brass*

# Acoples TW DIN 28450

TW DIN 28450 Fittings
Raccords TW DIN 28450
Raccordi TW DIN 28450

## Juntas NBR

NBR U-seals
Joints à lèvres NBR
Tenute a labbro NBR



| DN | Referencia Part n° |
|---|---|
| 2" | NBRMK050 |
| 3" | NBRMK080 |

## Juntas labiales FPM

FPM U-seals
Joints à lèvres FPM
Tenute a labbro FPM



| DN | Referencia Part n° |
|---|---|
| 2" | FPMMK050 |
| 3" | FPMMK080 |

## Juntas planas roscada NBR

NBR Flat seals
Joints plats NBR
Guarnizioni piatte NBR



| DN | Referencia Part n° |
|---|---|
| 2" | NBRTWR050 |
| 3" | NBRTWR080 |
| 4" | NBRTWR100 |

## Juntas planas roscada PTFE

PTFE Flat seals
Joints plats PTFE
Guarnizioni piatte PTFE



| DN | Referencia Part n° |
|---|---|
| 2" | PTFEEWR050 |
| 3" | PTFEEWR080 |
| 4" | PTFEEWR100 |

## Juntas planas CSM

Flat seals CSM
Joints plats CSM
Guarnizioni piatte CSM



| DN | Referencia Part n° |
|---|---|
| 2" | CSMMB050 |
| 3" | CSMMB080 |

## Juntas toricas NBR

ORING NBR
ORING NBR
ORING NBR



| DN | Referencia Part n° |
|---|---|
| 4" | NBRTWO100 |

## Juntas toricas FPM

ORING FPM
ORING FPM
ORING FPM



| DN | Referencia Part n° |
|---|---|
| 4" | FPMTWO100 |

# Acople BARCELONA UNE 23400

BARCELONA UNE 23400 Fittings
Raccords BARCELONA UNE 23400
Raccordi BARCELONA UNE 23400

## BARCELONA aluminio -Rosca hembra BSP

BARCELONA aluminium- Female thread BSP
BARCELONA aluminium- Filetage femelle BSP
BARCELONA Alluminio- Filetto femmina BSP



| ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|
| 1" | 25 | ALBA0102516 |
| 1" 1/2 | 45 | ALBA0104524 |
| 2" 1/2 | 70 | ALBA0107040 |

## BARCELONA aluminio -Rosca macho BSP

BARCELONA aluminium- Male thread BSP
BARCELONA aluminium- Filetage mâle BSP
BARCELONA Alluminio- Filetto maschio BSP



| ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|
| 1" | 25 | ALBA0202516 |
| 1" 1/2 | 45 | ALBA0204524 |
| 2" 1/2 | 70 | ALBA0207040 |

## BARCELONA aluminio -Reductor

BARCELONA aluminium- Reducer
BARCELONA aluminium- Reducteur
BARCELONA Alluminio- Riduttore



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| 70-45 | ALBA03070045 |
| 45-25 | ALBA03045025 |

## BARCELONA aluminio -Tapón

BARCELONA aluminium- Dust Cap
BARCELONA aluminium- Bouchon
BARCELONA Alluminio- Tappo



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| 25 | ALBA04025 |
| 45 | ALBA04045 |
| 70 | ALBA04070 |

## BARCELONA aluminio -Para manguera

BARCELONA aluminium- For hose
BARCELONA aluminium- Pour tuyau
BARCELONA Alluminio- Per tubo



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| 25 | ALBA05025025 |
| 45 | ALBA05045045 |
| 70 | ALBA05070070 |

## Juntas NBR BARCELONA

NBR BARCELONA seals
Joints NBR BARCELONA
Guarnizioni NBR BARCELONA



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| 25 | NBRBA025 |
| 45 | NBRBA045 |
| 70 | NBRBA070 |

# BARCELONA

● *Aluminio | Aluminium*



Para aplicaciones de incendios
*For firefighting use*



**UNE 23400**
Ver ficha técnica | Check technical sheet

# Acoples STORZ DIN 1430

STORZ DIN 1430 Fittings
Raccords STORZ DIN 1430
Raccordi STORZ DIN 1430

## STORZ aluminio- Rosca hembra BSP

STORZ aluminium- Female thread BSP
STORZ aluminium- Filetage femelle BSP
STORZ Alluminio- Filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 25 | 1" | ALST01025D16 |
| 38 | 1"1/2 | ALST0103824 |
| 52 | 2" | ALST01052C32 |
| 65 | 2"1/2 | ALST0106540 |
| 75 | 3" | ALST01075B48 |
| 110 | 4" | ALST01110A64 |

## STORZ aluminio- Rosca macho BSP

STORZ aluminium- Male thread BSP
STORZ aluminium- Filetage mâle BSP
STORZ Alluminio- Filetto maschio BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 25 | 1" | ALST02025D16 |
| 38 | 1"1/2 | ALST0203820 |
| 52 | 2" | ALST02052C32 |
| 65 | 2"1/2 | ALST0206540 |
| 75 | 3" | ALST02075B48 |
| 110 | 4" | ALST02110A64 |

## STORZ aluminio- Reductor

STORZ aluminium- Reducer
STORZ aluminium- Reducteur
STORZ Alluminio- Riduttore



| DN | Referencia Part n° |
|---|---|
| 25-52 | ALST03052C025D |
| 52-75 | ALST03075B052C |
| 65-110 | ALST03110A065 |
| 75-110 | ALST03110A075B |

## STORZ aluminio- Tapón

STORZ aluminium- Cap
STORZ aluminium- Bouchon
STORZ Alluminio- Tappo



| DN | Referencia Part n° |
|---|---|
| 25 | ALST04025D |
| 38 | ALST04038 |
| 52 | ALST04052C |
| 65 | ALST04065 |
| 75 | ALST04075B |
| 100 | ALST04110A |

## STORZ aluminio- Para manguera

STORZ aluminium- For hose
STORZ aluminium- Pour tuyau
STORZ Alluminio- Per tubo



| DN | Referencia Part n° |
|---|---|
| 25 | ALST05025D |
| 38 | ALST05038038 |
| 52 | ALST05052C052 |
| 65 | ALST05065065 |
| 75 | ALST05075B075 |
| 100 | ALST05110A100 |

## Juntas NBR STORZ

STORZ - NBR Seals
Joints STORZ - NBR
STORZ - Guarnizioni NBR



| DN | Referencia Part n° |
|---|---|
| 25 | NBRST025D |
| 38 | NBRST038 |
| 52 | NBRST052C |
| 65 | NBRST065 |
| 75 | NBRST075B |
| 100 | NBRST110A |

# STORZ

● *Aluminio | Aluminium*



Para aplicaciones de incendios, agricultura…
*For firefighting, agriculture and delivery use*



**DIN 1430**
Ver ficha técnica | Check technical sheet

# Acoples EA DIN 3489

FA DIN 3489 Fittings
Raccords EA DIN 3489
Raccordi EA DIN 3489

## EA acero- Rosca hembra BSP

EA steel- Female thread BSP

EA acier- Filetage femelle BSP

EA acciaio - Filetto femmina BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/2" | EA0108 |
| 3/4" | EA0112 |
| 1" | EA0116 |

## EA acero- Rosca macho BSP

EA steel- Male thread BSP

EA acier- Filetage mâle BSP

EA acciaio - Filetto maschio BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/2" | EA0208 |
| 3/4" | EA0212 |
| 1" | EA0216 |

## EA acero- Tapón

EA steel- Cap

EA acier- Bouchon

EA acciaio - Tappo



| DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|
| CAP | EA04 |

## EA acero- Para manguera c/collar

EA steel- For hose

EA acier- Pour tuyau avec collier

EA acciaio - Per tubo



| DN | Referencia Part n° |
|---|---|
| 13 | EA0513 |
| 16 | EA0516 |
| 19 | EA0519 |
| 25 | EA0525 |

## Juntas NBR EA

EA NBR seals

Joints NBR EA

Guarnizioni EA NBR



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| ALL | NBREA |

# Air European (EA)

● *Acero Carbono | Carbon Steel*



Para aplicaciones de agua y aire comprimido
*For water and compressed air applications*

**DIN 3489**
Ver ficha técnica | Check technical sheet



# Acoples UA CHICAGO

UA CHICAGO Fittings
Raccords UA CHICAGO
Raccordi UA CHICAGO

## UA CHICAGO acero- Rosca hembra NPT

UA CHICAGO steel- Female thread NPT

UA CHICAGO acier- Filetage femelle NPT

UA CHICAGO acciaio - Filetto femmina NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | **UA0104** |
| 3/8" NPT | **UA0106** |
| 1/2" NPT | **UA0108** |
| 3/4" NPT | **UA0112** |
| 1" NPT | **UA0116** |
| 1" 1/4 NPT | **UA0120** |
| 1" 1/2 NPT | **UA0124** |
| 2" NPT | **UA0132** |

## UA CHICAGO acero- Rosca macho NPT

UA CHICAGO steel- Male thread NPT

UA CHICAGO acier- Filetage mâle NPT

UA CHICAGO acciaio - Filetto maschio NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | **UA0204** |
| 3/8" NPT | **UA0206** |
| 1/2" NPT | **UA0208** |
| 3/4" NPT | **UA0212** |
| 1" NPT | **UA0216** |
| 1 1/4" NPT | **UA0220** |
| 1 1/2" NPT | **UA0224** |
| 2" NPT | **UA0232** |

## UA CHICAGO acero- Tapón

UA CHICAGO steel- Cap

UA CHICAGO acier- Bouchon

UA CHICAGO acciaio - Tappo



| DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|
| Two claw plug | **UA0402** |

## UA CHICAGO acero- Para manguera c/collar

UA CHICAGO steel- For hose

UA CHICAGO acier- Pour tuyau avec collier

UA CHICAGO acciaio - Per tubo



| DN | Referencia Part n° |
|---|---|
| 6 | **UA0507** |
| 10 | **UA0510** |
| 13 | **UA0513** |
| 19 | **UA0519** |
| 25 | **UA0525** |
| 32 | **UA0532** |
| 38 | **UA0538** |
| 50 | **UA0550** |

## NBR JUNTAS UA CHICAGO

UA CHICAGO NBR seals

Joints NBR UA CHICAGO

Guarnizioni UA CHICAGO NBR



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| ALL | **NBRUA02** |

# Acoples EXPRESS NF E-29-573

EXPRESS NF E-29-573 Fittings
Raccords EXPRESS NF E-29-573
Raccordi EXPRESS NF E-29-573

## EXPRESS latón- Rosca hembra BSP

EXPRESS brass- Female thread BSP

EXPRESS laiton- Filetage femelle BSP

EXPRESS ottone - Filetto femmina BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" | BREX0104 |
| 3/8" | BREX0106 |
| 1/2" | BREX0108 |
| 3/4" | BREX0112 |
| 1" | BREX0116 |
| 1" 1/4 | BREX0120 |

## EXPRESS latón- Rosca macho BSP

EXPRESS brass- Male thread BSP

EXPRESS laiton- Filetage mâle BSP

EXPRESS ottone - Filetto maschio BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" | BREX0204 |
| 3/8" | BREX0206 |
| 1/2" | BREX0208 |
| 3/4" | BREX0212 |
| 1" | BREX0216 |
| 1" 1/4 | BREX0220 |

## EXPRESS latón- Tapón

EXPRESS brass- Cap

EXPRESS laiton- Bouchon

EXPRESS ottone - Tappo



| DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|
| CAP | BREX04 |

## EXPRESS latón- Para manguera

EXPRESS brass- For hose

EXPRESS laiton- Pour tuyau

EXPRESS ottone - Per tubo



| Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|
| 9 | 7-9 | BREX0508 |
| 10 | 8-10 | BREX0510 |
| 12 | 11-13 | BREX0513 |
| 14 | 13-16 | BREX0514 |
| 17 | 16-18 | BREX0517 |
| 20 | 19-21 | BREX0519 |
| 26 | 25-27 | BREX0525 |
| 31 | 30-32 | BREX0532 |

## Juntas NBR EXPRESS

NBR EXPRESS seals

Joints NBR EXPRESS

Guarnizioni EXPRESS



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| ALL | NBREX |

# EXPRESS

● *Latón | Brass*



Para aplicaciones de agua y aire comprimido

*For water and compressed air applications*



**NF E-29573**

Ver ficha técnica | Check technical sheet

# Acoples GEKA

GEKA Fittings

Raccords GEKA

Raccordi GEKA



## GEKA latón -Rosca hembra BSP

GEKA brass- Female thread BSP

GEKA laiton- Filetage femelle BSP

GEKA ottone - Filetto femmina BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 3/8" | BRGE0106 |
| 1/2" | BRGE0108 |
| 3/4" | BRGE0112 |
| 1" | BRGE0116 |
| 1"1/4 | BRGE0120 |
| 1"1/2 | BRGE0124 |

## GEKA latón -Rosca macho BSP

GEKA brass- Male thread BSP

GEKA laiton- Filetage mâle BSP

GEKA ottone - Filetto maschio BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 3/8" | BRGE0206 |
| 1/2" | BRGE0208 |
| 3/4" | BRGE0212 |
| 1" | BRGE0216 |
| 1"1/4 | BRGE0220 |
| 1"1/2 | BRGE0224 |

## GEKA latón -Tapón

GEKA brass- Plug

GEKA laiton- Bouchon

GEKA ottone - Tappo



| DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|
| Plug | BRGE04 |

## GEKA latón -Para manguera

GEKA brass- For hose

GEKA laiton- Pour tuyau

GEKA ottone - Per tubo



| DN | Referencia Part n° |
|---|---|
| 10 | BRGE0510 |
| 13 | BRGE0513 |
| 16 | BRGE0516 |
| 19 | BRGE0519 |
| 25 | BRGE0525 |
| 32 | BRGE0532 |
| 38 | BRGE0538 |

## Juntas NBR GEKA

NBR GEKA seals

Joints NBR GEKA

Guarnizioni NBR GEKA



| TAMAÑO SIZE | Referencia Part n° |
|---|---|
| ALL | NBRGE |

# GEKA

● *Latón | Brass*





Para aplicaciones de agricultura, jardinería, construcción y servicios públicos

*For agricultural, gardening, construction and public service applications*

# Acoples CAMLOCK MORTERO

MORTAR CAMLOCK Fittings
Raccords MORTIER CAMLOCK
Raccordi CAMLOCK MORTAIO

## CAMLOCK MORTERO acero Tipo A BSP

A Type steel MORTAR CAMLOCK BSP

CAMLOCK MORTIER acier Type A BSP

CAMLOCK MORTAIO acciaio Tipo A BSP



| DN | SERIE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 25 | 22 | 1" | **MT22A2516** |
| 27 | 22 | 1" | **MT22A2716** |
| 35 | 22 | 1" 1/4 | **MT22A3520** |
| 35 | 22 | 1" 1/2 | **MT22A3524** |
| 50 | 22 | 2" | **MT22A5032** |
| 35 | 23,5 | 1" 1/4 | **MT23A3520** |
| 35 | 23,5 | 1" 1/2 | **MT23A3524** |
| 50 | 23,5 | 2" | **MT23A5032** |

## CAMLOCK MORTERO acero Tipo D BSP

D Type steel MORTAR CAMLOCK BSP

CAMLOCK MORTIER acier Type D BSP

CAMLOCK MORTAIO acciaioTipo D BSP



| DN | SERIE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 25 | 22 | 1" | **MT22D2516** |
| 27 | 22 | 1" | **MT22D2716** |
| 35 | 22 | 1" 1/4 | **MT22D3520** |
| 35 | 22 | 1" 1/2 | **MT22D3524** |
| 50 | 22 | 2" | **MT22D5032** |
| 35 | 23,5 | 1" 1/4 | **MT23D3520** |
| 35 | 23,5 | 1" 1/2 | **MT23D3524** |
| 50 | 23,5 | 2" | **MT23D5032** |

## CAMLOCK MORTERO acero Tipo C

C Type steel MORTAR CAMLOCK

CAMLOCK MORTIER acier Type C

CAMLOCK MORTAIO acciaio Tipo C



| DN | SERIE | Referencia Part n° |
|---|---|---|
| 27 | 22 | **MT22C2725** |
| 35 | 22 | **MT22C3535** |
| 50 | 22 | **MT22C5050** |
| 35 | 23,5 | **MT23C3535** |
| 50 | 23,5 | **MT23C5050** |

## CAMLOCK MORTERO acero Tipo E

E Type steel MORTAR CAMLOCK

CAMLOCK MORTIER acier Type E

CAMLOCK MORTAIO acciaio Tipo E



| DN | SERIE | Referencia Part n° |
|---|---|---|
| 25 | 22 | **MT22E2525** |
| 27 | 22 | **MT22E2725** |
| 35 | 22 | **MT22E3535** |
| 50 | 22 | **MT22E5050** |
| 35 | 23,5 | **MT23E3535** |
| 50 | 23,5 | **MT23E5050** |

# Acoples CHORRO DE ARENA

SANDBLAST Fittings
Raccords SABLAGE
Raccordi per SABBIATURA

## CHORRO DE ARENA aluminio acople - para manguera

SANDBLAST aluminum -for hose

SABLAGE aluminium -pour le tuyau

Raccordo SABBIATURA alluminio -per tubo



| DN | | Referencia Part n° |
|---|---|---|
| 19 | | ALCH0519 |
| 25 | | ALCH0525 |
| 32 | NEW | ALCH0532.1 |
| 32 | | ALCH0532 |
| 38 | | ALCH0538 |

## CHORRO DE ARENA latón acople - para manguera

SANDBLAST brass -for hose

SABLAGE laiton -pour le tuyau

Raccordo SABBIATURA ottone -per tubo



| DN | Referencia Part n° |
|---|---|
| 19 | BRCH0519* |
| 25 | BRCH0525 |
| 32 | BRCH0532 |
| 38 | BRCH0538 |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## CHORRO DE ARENA aluminio acople - rosca hembra BSP

SANDBLAST aluminum -Female thread BSP

SABLAGE aluminium -Filetage femelle BSP

Raccordo SABBIATURA alluminio -Filetto femmina BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1" 1/4 | ALCH0120 |
| 1" 1/2 | ALCH0124 |

## CHORRO DE ARENA latón acople - rosca hembra BSP

SANDBLAST brass -Female thread BSP

SABLAGE laiton -Filetage femelle BSP

Raccordo SABBIATURA ottone -Filetto femmina BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1" 1/4 | BRCH0120 |
| 1" 1/2 | BRCH0124 |

## CHORRO DE ARENA aluminio para manguera - rosca hembra BSP

SANDBLAST aluminum -for hose-Female thread BSP

SABLAGE aluminium -Filetage femelle BSP pour tuyau

Raccordo SABBIATURA alluminio -per tubo- Filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 19 | 1" 1/4 | ALCH071219 |
| 25 | 1" 1/4 | ALCH071625 |
| 32 | 1" 1/4 | ALCH072032 |
| 38 | 1" 1/4 | ALCH072438 |

## CHORRO DE ARENA latón para manguera - rosca hembra BSP

SANDBLAST brass -for hose-Female thread BSP

SABLAGE laiton -Filetage femelle BSP pour tuyau

Raccordo SABBIATURA ottone -per tubo- Filetto femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 19 | 1" 1/4 | BRCH071219 |
| 25 | 1" 1/4 | BRCH071625 |
| 32 | 1" 1/4 | BRCH072032 |
| 38 | 1" 1/4 | BRCH072438 |

# CHORRO DE ARENA

*SAND BLAST*

● *Aluminio | Aluminium* ● *Latón | Brass*





Para aplicaciones de chorro de arena y gunitados
*For sandblasting and build-up applications*

# Acopies CHORRO DE ARENA

SANDBLAST Fittings
Raccords SABLAGE
Raccordi per SABBIATURA

## CHORRO DE ARENA nylon acople - para manguera

SANDBLAST nylon for hose

SABLAGE nylon pour le tuyau

Raccordo SABBIATURA nylon per tubo



| DN | Referencia<br>Part n° |
|---|---|
| 19 | **NYCH0519** |
| 25 | **NYCH0525** |
| 32 | **NYCH0532** |
| 38 | **NYCH0538** |

## CHORRO DE ARENA nylon acople - rosca hembra BSP

SANDBLAST nylon female thread BSP

SABLAGE nylon filetage femelle BSP

Raccordo SABBIATURA nylon filetto femmina BSP



| ROSCA<br>THREAD | Referencia<br>Part n° |
|---|---|
| 1" 1/4 | **NYCH0120** |
| 1" 1/2 | **NYCH0124** |

## CHORRO DE ARENA nylon para manguera - rosca hembra BSP

SANDBLASt nylon for hose female thread BSP

SABLAGE nylon filetage femelle BSP pour tuyau

Raccordo SABBIATURA nylon per tubo filetto femmina BSP



| DN | ROSCA<br>THREAD | Ø INT.<br>Ø INNER | Referencia<br>Part n° |
|---|---|---|---|
| 25 | 1" 1/4 | 39 | **NYCH071625** |
| 32 | 1" 1/4 | 50 | **NYCH072032** |
| 38 | 1" 1/4 | 55 | **NYCH072438** |

## Juntas NBR CHORRO DE ARENA

SANDBLAST NBR Seals

SABLAGE Joints NBR

SABBIATURA - Guarnizioni NBR



| TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|
| ALL | **NBRCH** |

# Acoples BAUER

BAUER Fittings

Raccords BAUER

Raccordi BAUER

## BAUER acero hembra

BAUER carbon steel female

BAUER acier femelle

BAUER acciaio femmina



| DN | Ø ROTULA<br>Ø BALL | Referencia<br>Part n° |
|---|---|---|
| 2" | 50 | **BEF050** |
| 3" | 76 | **BEF076** |
| 4" | 108 | **BEF108** |

## BAUER acero macho

BAUER carbon steel male

BAUER acier mâle

BAUER acciaio maschio



| DN | Ø ROTULA<br>Ø BALL | Referencia<br>Part n° |
|---|---|---|
| 2" | 50 | **BEM050** |
| 3" | 76 | **BEM076** |
| 4" | 108 | **BEM108** |

## Juntas NBR BAUER

NBR BAUER seals

Joints NBR BAUER

Guarnizioni NBR BAUER



| DN | Referencia<br>Part n° |
|---|---|
| 2" | **NBRBE050** |
| 3" | **NBRBE076** |
| 4" | **NBRBE108** |

# Acoples PERROT

PERROT Fittings

Raccordi PERROT

## PERROT acero hembra

PERROT carbon steel female

PERROT acier femelle

PERROT acciaio femmina



| DN | Ø OUTER Ø EXT. | Referencia Part n° |
|---|---|---|
| 2" | 52.3 | **PEF050** |
| 3" | 77.4 | **PEF089** |
| 4" | 102.4 | **PEF108** |

## PERROT acero macho

PERROT carbon steel male

PERROT acier mâle

PERROT acciaio maschio



| DN | Ø OUTER Ø EXT. | Referencia Part n° |
|---|---|---|
| 2" | 52.3 | **PEM050** |
| 3" | 77.4 | **PEM089** |
| 4" | 102.4 | **PEM108** |

## Juntas NBR PERROT

NBR PERROT seals

Joints NBR PERROT

Guarnizioni NBR PERROT



| DN | Referencia Part n° |
|---|---|
| 2" | **NBRPE050** |
| 3" | **NBRPE089** |
| 4" | **NBRPE108** |

# Acoples vapor tipo BOSS

Steam fittings BOSS type
Raccords vapeur type BOSS
Raccordi per vapore tipo BOSS

## BOSS acero kit BSP

BOSS carbon steel kit BSP

BOSS acier kit BSP

BOSS acciaio kit BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/2" | 1/2" BSP | **BO0813** |
| 3/4" | 3/4" BSP | **BO1219** |
| 1" | 1" BSP | **BO1625** |
| 1"1/4 | 1" 1/4 BSP | **BO2032** |
| 1"1/2 | 1"1/2 BSP | **BO2438** |
| 2" | 2" BSP | **BO3251** |



# Acoples vapor EN 14423

Steam EN 14423 fittings
Raccords vappeur EN 14423
Raccordi per vapore EN 14423

## Abrazadera EN 14423 acero

EN 14423 clamp steel

Collier EN 14423 acier

Collare EN 14423 acciaio



| DN | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 13X6 | 24-26 | **AB06024026** |
| 19X7 | 32-34 | **AB06032034** |
| 25X7.5 | 39-41 | **AB06039041** |
| 32X8 | 47-50 | **AB06047050** |
| 38X8 | 53-56 | **AB06053056** |
| 50X9 | 67-69 | **AB06067069** |

## Hembra Espiga EN 14423 acero

Female-hose tail EN 14423 steel

Femelle à douille EN 14423 acier

Femmina con inserto EN 14423 acciaio



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13 | 1/2" BSP | **STE0208** |
| 19 | 3/4" BSP | **STE0212** |
| 25 | 1" BSP | **STE0216** |
| 32 | 1" 1/4 BSP | **STE0220** |
| 38 | 1" 1/2 BSP | **STE0224** |
| 50 | 2" BSP | **STE0232** |

## Macho Espiga EN 14423 acero

Male-hose tail EN 14423 steel

Mâle à douille EN 14423 acier

Maschio con inserto EN 14423 acciaio



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13 | 1/2" BSPT | **STE0108** |
| 19 | 3/4" BSPT | **STE0112** |
| 25 | 1" BSPT | **STE0116** |
| 32 | 1" 1/4 BSPT | **STE0120** |
| 38 | 1" 1/2 BSPT | **STE0124** |
| 50 | 2" BSPT | **STE0132** |

# VAPOR BOSS

*STEAM BOSS*

*Acero Carbono | Carbon Steel*





Adecuado para las conexiones de manguera de vapor, y también ampliamente utilizado para aire comprimido, agua , gas petróleo licuado y fluidos químicos, etc.

*Suitable for steam hose connections, and widely used for compressed air, water, liquid petroleum gas, chemical fluids, etc.*

Ver ficha técnica | Check technical sheet

# Accesorios industriales

Industrial accessories

Accessoires industriels
Accessori industriale



## Campana aluminio para racor industrial - cierre 45°

Crimping Ferrule 45° closure (aluminium)

Jupe aluminium pour raccord industriel -fermeture 45°

Boccola in alluminio per raccordo industriale-chiusura 45°



| Ø INT. Ø INNER | Referencia Part nº |
|---|---|
| 11 | ALCA011000 |
| 12.9 | ALCA012900 |
| 13.4 | ALCA013400 |
| 14.5 | ALCA014500 |
| 15.5 | ALCA015500 |
| 17.5 | ALCA017500 |
| 18.5 | ALCA018500 |
| 20.5 | ALCA020500 |
| 21.5 | ALCA021500 |
| 24.5 | ALCA024500 |
| 26.5 | ALCA026500 |
| 27.5 | ALCA027500* |
| 28.5 | ALCA028500 |
| 30 | ALCA030000 |
| 33 | ALCA033000 |
| 36 | ALCA036000 |
| 39 | ALCA039000 |
| 46 | ALCA046000 |
| 43 | ALCA043000 |
| 48 | ALCA048000 |
| 50 | ALCA050000 |
| 54 | ALCA054000 |
| 56.5 | ALCA056500 |
| 63 | ALCA063000 |
| 67 | ALCA067000 |
| 84 | ALCA083000 |
| 98 | ALCA099000 |
| 123 | ALCA121000 |

* **Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Abrazadera EN 14420-3 aluminio

Clamp EN 14420-3 aluminium

Collier EN 14420-3 aluminium

Collare EN 14420-3 aluminio



| Ø MANGUERA Ø HOSE | Ø INT. Ø INNER | Referencia Part nº |
|---|---|---|
| 13x5 | 21-25 mm | ALAB01021025 |
| 19X6 | 29-33 mm | ALAB01029033 |
| 25x5 | 34-37 mm | ALAB01034037 |
| 25x6 | 36-39 mm | ALAB01036039 |
| 32X5 | 41-44 mm | ALAB01041044 |
| 32x6 | 42-46 mm | ALAB01042046 |
| 32x8/35x6 | 46-50 mm | ALAB01046050 |
| 38X5 | 47-51 mm | ALAB01047051 |
| 38X6.5 | 49-53 mm | ALAB01049053 |
| 38x8 | 52-56 mm | ALAB01052056 |
| 38x10 | 56-60 mm | ALAB01056060 |
| 50X5.5 | 62-64 mm | ALAB01060064 |
| 50x8 | 63-67 mm | ALAB01063067 |
| 50X10 | 68-72 mm | ALAB01068072 |
| 63x6 | 74-77 mm | ALAB01074077 |
| 63X8 | 77-81 mm | ALAB01077081 |
| 65x10 | 84-87 mm | ALAB01084087 |
| 75x6 | 87-90 mm | ALAB01087090 |
| 75x8 | 89-94 mm | ALAB01089094 |
| 75X10 | 94-98 mm | ALAB01094098 |
| 100x8 | 114-119 mm | ALAB01114119 |

## Abrazadera EXPRESS acero

Clamp EXPRESS steel

Collier EXPRESS acier

Collare EXPRESS acciaio



| Ø INT. Ø INNER | Referencia Part nº |
|---|---|
| 19-21 mm | AB031921 |
| 22-24 mm | AB032224 |
| 25-27 mm | AB032527 |
| 28-30 mm | AB032830 |
| 31-33 mm | AB033133 |
| 34-36 mm | AB033436 |
| 37-39 mm | AB033739 |

## Abrazadera tipo BOSS acero

Clamp BOSS type steel

Collier type BOSS acier

Collare tipo BOSS acciaio



| Ø INT. Ø INNER | Nº TORNILLOS Nº BOLTS | Referencia Part nº |
|---|---|---|
| 24-27 mm | 2 | AB05024027 |
| 30-33 mm | 2 | AB05030033 |
| 38-43 mm | 2 | AB05038043 |
| 38-43 mm | 4 | AB05438043 |
| 43-49 mm | 4 | AB05043049 |
| 54-60 mm | 4 | AB05054060 |
| 63-71 mm | 4 | AB05063071 |

## Abrazadera DIN 20039 A acero

Clamp DIN 20039 A steel

Collier DIN 20039 A acier

Collare DIN 20039 A acciaio



| Ø INT. Ø INNER | Referencia Part nº |
|---|---|
| 22-29 mm | AB04022029 |
| 28-34 mm | AB04028034 |
| 32-40 mm | AB04032040 |

# Accesorios industriales

Industrial accessories
Accessoires industriels
Accessori industriale

## Abrazadera alta presión W1 acero

Clamp high pressure W1 steel

Collier haute pression W1 acier

Collare alta pressione W1 acciaio



| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 17-19mm | AB02017019 |
| 20-22mm | AB02020022 |
| 23-25mm | AB02023025 |
| 26-28mm | AB02026028 |
| 29-31mm | AB02029031 |
| 32-35mm | AB02032035 |
| 36-39mm | AB02036039 |
| 40-43mm | AB02040043 |
| 44-47mm | AB02044047 |
| 48-51mm | AB02048051 |
| 52-55mm | AB02052055 |
| 56-59mm | AB02056059 |
| 60-63mm | AB02060063 |
| 64-67mm | AB02064067 |
| 68-73mm | AB02068073 |
| 74-79mm | AB02074079 |
| 80-85mm | AB02080085 |
| 86-91mm | AB02086091 |
| 92-97mm | AB02092097 |
| 98-103mm | AB02098103 |
| 104-112mm | AB02104112 |
| 113-121mm | AB02113121 |
| 122-130mm | AB02122130 |
| 131-139mm | AB02131139 |
| 140-148mm | AB02140148 |
| 149-161mm | AB02149161 |
| 162-174mm | AB02162174 |
| 175-187mm | AB02175187 |
| 188-200mm | AB02188200 |

# CAMPANAS Y ABRAZADERAS

*FERRULES AND CLAMPS*

## Soluciones perfectas para asegurar la conexión

*Perfect solutions to ensure the connection*





**ALTA PRESIÓN W1**



**TIPO BOSS**



**DIN 2817 EN14420-3**



**DIN 20039 A**



**TIPO EXPRESS**

*Acero Carbono | Carbon Steel* — *Inox | Stainless Steel* — *Aluminio | Aluminium* — *Latón | Brass*

**Manguera Inox ISO 10380** 180
Stainless steel hose ISO 10380
Tuyau Inox ISO 10380
Tubi inox ISO 10380

**Racores soldables** 182
Welding fittings
Raccords à souder
Raccordi a saldare

**Bridas soldables** 188
Welding flanges
Brides à souder
Flange a saldare



# 03

# INOX CORRUGADO

Convoluted Stainless Steel

Inox onduleux

inox corrugato

# Manguera Inox ISO 10380

Stainless steel hose ISO 10380
Tuyau Inox ISO 10380
Tubi inox ISO 10380

Mangueras Inox Corrugado y Malla Inox ▪ Convoluted stainless steel hoses and AISI 304 Braid ▪ Tuyaux inox onduleux et Tresse Inox ▪ Tubi Inox corrugato e Maglia Inox

180



M93211 M93161304 M93161 M93161304..EF M93162304 M304 M316

# Racores soldables

Raccords à souder
Raccordi a saldare

Racores soldables BSP ▪ BSP Welding fittings ▪ Raccords à souder BSP ▪ Raccordi a saldare BSP | 182


81070


A1033


A1032


A1035


A1290


A1034


A1281


A1037


A1038


A1282


A1039


A1040

Racores soldables JIC 37° ▪ JIC 37° Welding fittings ▪ Raccords à souder JIC 37° ▪ Raccordi a saldare JIC 37° | 184









Racores soldables métricos ▪ Metric Welding fittings ▪ Raccords à souder métriques ▪ Raccordi a saldare metrici | 185


ORIL/S


CMORIL/S


ML/MS


STA ASL/ASS


A1053


A1052

Cono y tuerca ▪ Nipple and nut ▪ Collet et écrou ▪ Ogiva e dado | 187


A1273


KL00


A1270

Racores para soldar >2" ▪ Welding fittings >2" ▪ Raccords à souder >2" ▪ Raccordi a saldare > 2" | 187


Z1278


ZM1032


Z1270

# Bridas soldables

Welding flanges
Brides à souder
Flange a saldare

Bridas fijas para soldar ▪ Fixed Forged flanges ▪ Brides DIN à souder fixes ▪ Flangia a saldare | 188






Conjunto brida DIN 2642 ▪ DIN 2642 swivel flanges set ▪ Ensemble brides tournantes DIN 2642 ▪ Flangia girevole DIN 2642 | 189





BPN102642 ABARO2642 ABTUB

Conjunto brida DIN 2656 ▪ DIN 2656 swivel flanges set ▪ Ensemble brides tournantes DIN 2656 ▪ Flangia girevole DIN 2656 | 190





Conjunto brida ANSI-ASA ▪ ANSI-ASA swivel flanges set ▪ Ensemble brides ANSI-ASA ▪ Flangia girevole ANSI-ASA | 191






BANSASO150 BANSASO300 ABTUB ABAROANSA

# Manguera Inox ISO 10380

Stainless steel hose ISO 10380
Tuyau Inox ISO 10380

TrAle®

## Inox corrugado AISI 321 con una malla AISI 304

Convoluted S.S. AISI 321 hose with one braid S.S. AISI 304

Inox onduleux AISI 321 avec une tresse inox AISI 304

Tubo Inox corrugato AISI 321 con treccia AISI 304



| DN | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 1/4" | 6.2 | M93211006 |
| 3/8" | 10.3 | M93211010 |
| 1/2" | 12.2 | M93211012 |
| 5/8" | 16.2 | M93211016 |
| 3/4" | 20.2 | M93211020 |
| 1" | 25.4 | M93211025 |
| 1" 1/4 | 34.3 | M93211032 |
| 1" 1/2 | 40.1 | M93211040 |
| 2" | 50.3 | M93211050 |
| 2" 1/2 | 65.6 | M93211065 |
| 3" | 80.3 | M93211080 |
| 4" | 100.8 | M93211100 |

## Inox corrugado AISI 316 con una malla AISI 304

Convoluted S.S. AISI 316 hose with one braid S.S. AISI 304

Inox onduleux AISI 316 avec une tresse inox AISI 304

Tubo Inox corrugato AISI 316 con treccia AISI 304



| DN | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 1/4" | 6.2 | M93161304006 |
| 3/8" | 10.3 | M93161304010 |
| 1/2" | 12.2 | M93161304012 |
| 5/8" | 16.2 | M93161304016 |
| 3/4" | 20.2 | M93161304020 |
| 1" | 25.4 | M93161304025 |
| 1" 1/4 | 34.3 | M93161304032 |
| 1" 1/2 | 40.1 | M93161304040 |
| 2" | 50.3 | M93161304050 |
| 2" 1/2 | 65.6 | M93161304065 |
| 3" | 80.3 | M93161304080 |
| 4" | 100.8 | M93161304100 |

## Inox corrugado AISI 316 con una malla AISI 316

Convoluted S.S. AISI 316 hose with one braid S.S. AISI 316

Inox onduleux AISI 316 avec une tresse inox AISI 316

Tubo Inox corrugato AISI 316 con treccia AISI 316



| DN | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 1/4" | 6.2 | M93161006 |
| 3/8" | 10.3 | M93161010 |
| 1/2" | 12.2 | M93161012 |
| 3/4" | 20.2 | M93161020 |
| 1" | 25.4 | M93161025 |
| 1" 1/4 | 34.3 | M93161032 |
| 1" 1/2 | 40.1 | M93161040 |
| 2" | 50.3 | M93161050 |
| 2" 1/2 | 65.6 | M93161065 |
| 3" | 80.3 | M93161080 |
| 4" | 100.8 | M93161100 |

## Inox corrugado AISI 316 con una malla AISI 304 extra flexible

Convoluted S.S. AISI 316 hose with one braid S.S. AISI 304 extra flexible

Inox onduleux AISI 316 avec une tresse inox AISI 304 extra flexible

Tubo Inox corrugato AISI 316 con treccia AISI 304 (extra-flessibile)



| DN | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 3/4" | 20 | M93161304020EF |
| 1" | 25 | M93161304025EF |
| 1" 1/4 | 34.3 | M93161304032EF |
| 1" 1/2 | 39.8 | M93161304040EF |
| 2" | 50 | M93161304050EF |

## Inox corrugado AISI 316 con dos mallas AISI 304

Convoluted S.S. AISI 316 hose with two braids S.S. AISI 304

Inox onduleux AISI 316 avec deux tresses inox AISI 304

Tubo Inox corrugato AISI 316 con due trecce AISI 304



| DN | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 1/4" | 6.2 | M93162304006 |
| 3/8" | 10.3 | M93162304010 |
| 1/2" | 12.2 | M93162304012 |
| 3/4" | 20.2 | M93162304020 |
| 1" | 25.4 | M93162304025 |
| 1" 1/4 | 34.3 | M93162304032 |
| 1" 1/2 | 40.1 | M93162304040 |
| 2" | 50.3 | M93162304050 |
| 2" 1/2 | 65.6 | M93162304065 |
| 3" | 80.3 | M93162304080 |
| 4" | 100.8 | M93162304100 |



**MANGUERAS SOBRE REELS DE MADERA**
BAJO CONSULTA / ON REQUEST
**CONVOLUTED METAL HOSE ON REELS**

TrAle®

# Manguera Inox ISO 10380

Stainless steel hose ISO 10380
Tuyau Inox ISO 10380
Tubi inox ISO 10380

## Malla inox 304

AISI 304 braid

Tresse inox 304

Treccia acciaio Inox 304



| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 9,6 | M304009.6 |
| 12,3 | M304012.3 |
| 14,3 | M304014.3 |
| 16,7 | M304016.7 |
| 21,6 | M304021.6 |
| 26,8 | M304026.8 |
| 32,2 | M304032.2 |
| 41,1 | M304041.1 |
| 49,8 | M304049.8 |
| 60,3 | M304060.3 |
| 80,8 | M304080.8 |

## Malla inox 316

AISI 316 braid

Tresse inox 316

Treccia acciaio Inox 316



| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 9,6 | M316009.6 |
| 12,3 | M316012.3 |
| 14,3 | M316014.3 |
| 16,7 | M316016.7 |
| 21,6 | M316021.6 |
| 26,8 | M316026.8 |
| 32,2 | M316032.2 |
| 41,1 | M316041.1 |
| 49,8 | M316049.8 |
| 60,3 | M316060.3 |
| 80,8 | M316080.8 |



**Amplia variedad de manguera inoxidable corrugado para instalaciones en el sector químico, centrales eléctricas y plantas petroquímicas.**

***Wide range of convoluted stainless steel hoses for a variety of facilities, such us chemical sector, power plant, oil and gas.***

# Racores soldables

Raccords à souder
Raccordi a saldare

## Casquillo soldable Inox corrugado

Convoluted SS welding ferrule

Jupe à souder Inox convoluté

Boccola a saldare per tubo Inox corrugato



| DN | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 1/4" | 14 | **810700400** |
| 1/4" | 12 | **810700401** |
| 3/8" | 19 | **810700600** |
| 3/8" | 17 | **810700601** |
| 1/2" | 22 | **810700800** |
| 1/2" | 19 | **810700801** |
| 5/8" | 25 | **810701000** |
| 3/4" | 30 | **810701200** |
| 3/4" | 32 | **810701201** |
| 1" | 35 | **810701500** |
| 1" | 37 | **810701600** |
| 1"1/4 | 47,8 | **810702000** |
| 1"1/4 | 44,3 | **810702001** |
| 1"1/2 | 56,3 | **810702400** |
| 2" | 66 | **810703201** |
| 2"1/2 | 84,9 | **810704000** |
| 2"1/2 | 95,6 | **810704001** |
| 3" | 100 | **810704801** |
| 4" | 125 | **810706400** |

***Ver precios en catálogo de inoxidable** / **Prices in Stainless Steel Catalogue* / **Prix dans le Catalo er Inox / **Prezzi in Acciaio Inossidabile*

## Macho fijo BSP asiento plano - soldable con guia

Welding fixed male BSP flat seat with guide

Mâle fixe BSP fond plat à souder avec guide

Maschio BSP faccia piana a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A103304** |
| 3/8" | 3/8" BSP | **A103306** |
| 1/2" | 1/2" BSP | **A103308** |
| 3/4" | 3/4" BSP | **A103312** |
| 1" | 1" BSP | **A103316** |
| 1"1/4 | 1"1/4 BSP | **A103320** |
| 1"1/2 | 1"1/2 BSP | **A103324** |
| 2" | 2" BSP | **A103332** |

## Macho cónico BSPT con guía

Welding adaptor BSPT with guide

Mamelon hexagonal BSPT conique à souder (bw) + guide

Maschio conico BSPT a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSPT | **A103204** |
| 3/8" | 3/8" BSPT | **A103206** |
| 1/2" | 1/2" BSPT | **A103208** |
| 3/4" | 3/4" BSPT | **A103212** |
| 1" | 1" BSPT | **A103216** |
| 1"1/4 | 1"1/4 BSPT | **A103220** |
| 1"1/2 | 1"1/2 BSPT | **A103224** |
| 2" | 2" BSPT | **A103232** |
| 2"1/2 | 2"1/2 BSPT | **A103240** |

## Macho BSP cono 60° con guía

Welding adaptor BSP 60° with guide

Mamelon hexagonal BSP à souder (bw) + guide

Maschio BSP 60° a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A103504** |
| 3/8" | 3/8" BSP | **A103506** |
| 1/2" | 1/2" BSP | **A103508** |
| 3/4" | 3/4" BSP | **A103512** |
| 1" | 1" BSP | **A103516** |
| 1"1/4 | 1"1/4 BSP | **A103520** |
| 1"1/2 | 1"1/2 BSP | **A103524** |
| 2" | 2" BSP | **A103532** |

## Empalme liso soldable rosca BSP (60°)

Welding union BSP male (60°)

Embout mâle lisse à souder gaz cyl BSP (60°)

Mezzo niples tondo a saldare BSP 60°



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | **A129002** |
| 1/4" BSP | **A129004** |
| 3/8" BSP | **A129006** |
| 1/2" BSP | **A129008** |
| 3/4" BSP | **A129012** |
| 1" BSP | **A129016** |
| 1"1/4 BSP | **A129020** |
| 1"1/2 BSP | **A129024** |
| 2" BSP | **A129032** |

## Macho fijo NPT - soldable con guia

Welding fixed male NPT flat seat with guide

Mâle fixe NPT à souder avec guide

Maschio conico NPT a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" NPT | **A103404** |
| 3/8" | 3/8" NPT | **A103406** |
| 1/2" | 1/2" NPT | **A103408** |
| 3/4" | 3/4" NPT | **A103412** |
| 1" | 1" NPT | **A103416** |
| 1" 1/4 | 1" 1/4 NPT | **A103420** |
| 1" 1/2 | 1" 1/2 NPT | **A103424** |
| 2" | 2 ' NPT | **A103432** |

TrAle®

# Racores soldables

Welding fittings

Raccordi a saldare



## Hembras giratorias prensada BSP 60° - soldable con guía

Welding BSP swivel female 60° with guide

Femelle tournante BSP 60° à souder avec guide

Femmina girevole BSP 60° a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A128104** |
| 3/8" | 3/8" BSP | **A128106** |
| 1/2" | 1/2" BSP | **A128108** |
| 3/4" | 3/4" BSP | **A128112** |
| 1" | 1" BSP | **A128116** |
| 1"1/4 | 1"1/4 BSP | **A128120** |
| 1"1/2 | 1"1/2 BSP | **A128124** |

## Hembras giratorias prensada 90° BSP 60° - soldable

Welding 90° BSP swivel female 60°

Femelle tournante 90° à souder

Femmina girevole 90° BSP 60° a saldare



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A103704** |
| 3/8" | 3/8" BSP | **A103706** |
| 1/2" | 1/2" BSP | **A103708** |
| 3/4" | 3/4" BSP | **A103712** |
| 1" | 1" BSP | **A103716** |
| 1"1/4 | 1"1/4 BSP | **A103720** |
| 1"1/2 | 1"1/2 BSP | **A103724** |
| 2" | 2" BSP | **A103732** |

## Hembras giratorias prensada 45° BSP 60° - soldable

Welding 45° BSP swivel female 60°

Femelle tournante 45° à souder

Femmina girevole 45° BSP 60° a saldare



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A103804** |
| 3/8" | 3/8" BSP | **A103806** |
| 1/2" | 1/2" BSP | **A103808** |
| 3/4" | 3/4" BSP | **A103812** |
| 1" | 1" BSP | **A103816** |
| 1" 1/4 | 1" 1/4 BSP | **A103820** |
| 1" 1/2 | 1" 1/2 BSP | **A103824** |
| 2" | 2" BSP | **A103832** |

## Hembras giratorias prensada BSP asiento plano - soldable con guía

Welding BSP swivel female flat seat

Femelle tournante BSP à souder fond plat

Femmina girevole BSP faccia piana a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A128204** |
| 3/8 | 3/8" BSP | **A128206** |
| 1/2" | 1/2" BSP | **A128208** |
| 3/4" | 3/4" BSP | **A128212** |
| 1" | 1" BSP | **A128216** |
| 1" 1/4 | 1" 1/4 BSP | **A128220** |
| 1" 1/2 | 1" 1/2 BSP | **A128224** |
| 2" | 2" BSP | **A128232** |

## Hembras giratorias prensada 90° BSP asiento plano - soldable

Welding 90° BSP swivel female 60° flat seat

Femelle tournante 90° à souder fond plat

Femmina girevole 90° BSP faccia piana a saldare



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A103904** |
| 3/8" | 3/8" BSP | **A103906** |
| 1/2" | 1/2" BSP | **A103908** |
| 3/4" | 3/4" BSP | **A103912** |
| 1" | 1" BSP | **A103916** |
| 1" 1/4 | 1" 1/4 BSP | **A103920** |
| 1" 1/2 | 1" 1/2 BSP | **A103924** |
| 2" | 2" BSP | **A103932** |

## Hembras giratorias prensada 45° BSP asiento plano - soldable

Welding 45° BSP swivel female 60° flat seat

Femelle tournante 45° à souder fond plat

Femmina girevole 45° BSP faccia piana a saldare



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A104004** |
| 3/8" | 3/8" BSP | **A104006** |
| 1/2" | 1/2" BSP | **A104008** |
| 3/4" | 3/4" BSP | **A104012** |
| 1" | 1" BSP | **A104016** |
| 1" 1/4 | 1" 1/4 BSP | **A104020** |
| 1"1/2 | 1" 1/2 BSP | **A104024** |
| 2" | 2" BSP | **A104032** |

# Racores soldables

Welding fittings
Raccords à souder
Raccordi a saldare

## Hembra giratoria prensada JIC 37° - soldable con guia

Welding crimped JIC 37° swivel female with guide

Embout à sertir femelle tournante JIC37° à souder

Femmina girevole JIC 37° a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **A12830704** |
| 1/4" | 1/2" 20h UNF | **A12830804** |
| 3/8" | 9/16" 18h UNF | **A12830906** |
| 3/8" | 3/4" 16h UNF | **A12831206** |
| 1/2" | 3/4" 16h UNF | **A12831208** |
| 1/2" | 7/8" 14h UNF | **A12831408** |
| 3/4" | 1" 1/16 12h UNF | **A12831712** |
| 1" | 1" 5/16 12h UNF | **A12832116** |
| 1" 1/4 | 1" 5/8 12h UNF | **A12832620** |
| 1" 1/2 | 1" 7/8 12h UNF | **A12833024** |

## Hembra giratoria 90° prensada JIC 37° - soldable

Welding 90° JIC 37° swivel female

Femelle tournante 90° JIC 37° à souder

Femmina girevole 90° JIC 37° a saldare



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **A10410704** |
| 1/4" | 1/2" 20h UNF | **A10410804** |
| 3/8" | 9/16" 18h UNF | **A10410906** |
| 1/2" | 3/4" 16h UNF | **A10411208** |
| 1/2" | 7/8" 14h UNF | **A10411408** |
| 3/4" | 1" 1/16 12h UNF | **A10411712** |
| 1" | 1" 5/16 12h UNF | **A10412116** |
| 1" 1/4 | 1" 5/8 12h UNF | **A10412620** |
| 1" 1/2 | 1" 7/8 12h UNF | **A10413024** |

## Macho JIC 37° - soldable con guía

Welding JIC 37° male with guide

Mâle JIC 37° à souder avec guide

Maschio JIC 37° a saldare con guida



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **A10360704** |
| 1/4" | 1/2" 20h UNF | **A10360804** |
| 3/8" | 9/16" 18h UNF | **A10360906** |
| 3/8" | 3/4" 16h UNF | **A10361206** |
| 1/2" | 3/4" 16h UNF | **A10361208** |
| 1/2" | 7/8" 14h UNF | **A10361408** |
| 5/8" | 7/8" 14h UNF | **A10361410** |
| 3/4" | 1" 1/16 12h UNF | **A10361712** |
| 1" | 1" 5/16 12h UNF | **A10362116** |
| 1" 1/4 | 1" 5/8 12h UNF | **A10362620** |
| 1" 1/4 | 1" 7/8 12h UNF | **A10363020** |

## Hembra giratoria 45° prensada JIC 37° - soldable

Welding 45° JIC 37° swivel female

Femelle tournante 45° JIC 37° à souder

Femmina girevole 45° JIC 37° a saldare



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 7/16" 20h UNF | **A10420704** |
| 1/4" | 1/2" 20h UNF | **A10420804** |
| 3/8" | 9/16" 18h UNF | **A10420906** |
| 1/2" | 3/4" 16h UNF | **A10421208** |
| 1/2" | 7/8" 14h UNF | **A10421408** |
| 3/4" | 1" 1/16 12h UNF | **A10421712** |
| 1" | 1" 5/16 12h UNF | **A10422116** |
| 1" 1/4 | 1" 5/8 12h UNF | **A10422620** |
| 1" 1/2 | 1" 7/8 12h UNF | **A10423024** |

# Racores soldables

Welding fittings
Raccords à souder
Raccordi a saldare



## Boquilla para soldar

Welding nipple

Collet cône Métrique (DIN 2353) à souder (BW) o'ring

Ogiva a saldare



| TUBO PIPE | SERIE SERIES | Referencia Part n° |
|---|---|---|
| 15X2.5 | L | ORIL 15 |
| 18X2.5 | L | ORIL 18 |
| 22X2.5 | L | ORIL 22 |
| 28X3 | L | ORIL 28 |
| 35X4 | L | ORIL 35 |
| 42X3 | L | ORIL 42 |
| 6X2 | L/S | ORIS 6 |
| 8X2 | L/S | ORIS 8 |
| 8X1.5 | L/S | ORIS 8X1.5* |
| 10X2 | L/S | ORIS 10X2 |
| 12X2 | L/S | ORIS 12 |
| 12X2.5 | L/S | ORIS 12X2.5 |
| 14X2 | L/S | ORIS 14X2* |
| 14X3 | S | ORIS 14X3 |
| 16X3 | S | ORIS 16X3 |
| 20X2.5 | S | ORIS 20X2.5 |
| 20X3 | S | ORIS 20X3 |
| 20X4 | S | ORIS 20X4 |
| 25X4 | S | ORIS 25X4 |
| 30x4 | S | ORIS 30X4 |
| 30x5 | S | ORIS 30X5 |
| 38x5 | S | ORIS 38X5 |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

*** *Ver precios en pág. 233** / **See prices page 233* / **Voir les prix page 233* / **Vedere prezzi p. 233*

## Tuerca Métrica DIN 3870

Nuts DIN 3870

Écrou Métrique DIN 3870

Dadi Metrici DIN 3870



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 4 | LL | M8x1 | MLL 4 M 8X1 |
| 6 | LL | M10x1 | MLL 6 M 10X1 |
| 8 | LL | M12x1 | MLL 8 M 12X1 |
| 6 | L | M12x1,5 | ML 6 M 12X1.5 |
| 8 | L | M14x1,5 | ML 8 M 14X1.5 |
| 10 | L | M16x1,5 | ML 10 M 16X1.5 |
| 12 | L | M18x1,5 | ML 12 M 18X1.5 |
| 15 | L | M22x1,5 | ML 15 M 22X1.5 |
| 18 | L | M26x1,5 | ML 18 M 26X1.5 |
| 22 | L | M30x2 | ML 22 M 30X2 |
| 28 | L | M36x2 | ML 28 M 36X2 |
| 35 | L | M45x2 | ML 35 M 45X2 |
| 42 | L | M52x2 | ML 42 M 52X2 |
| 6 | S | M14x1,5 | MS 6 M 14X1.5 |
| 8 | S | M16x1,5 | MS 8 M 16X1.5 |
| 10 | S | M18x1,5 | MS 10 M 18X1.5 |
| 12 | S | M20x1,5 | MS 12 M 20X1.5 |
| 14 | S | M22x1,5 | MS 14 M 22X1.5 |
| 16 | S | M24x1,5 | MS 16 M 24X1.5 |
| 20 | S | M30x2 | MS 20 M 30X2 |
| 25 | S | M36x2 | MS 25 M 36X2 |
| 30 | S | M42x2 | MS 30 M 42X2 |
| 38 | S | M52x2 | MS 38 M 52X2 |

***Ver precios en página 222** / **See prices page 222* / **Voir les prix page 222* / **Vedere prezzi p. 222*

## Boquilla para soldar cono metal

Metal cone welding nipple

Collet cône Métrique conique en métal

Ogiva a saldare (senza O'ring)



| TUBO PIPE | SERIE | Referencia Part n° |
|---|---|---|
| 15x2.5 | L | CMORIL 15 |
| 18x.2,5 | L | CMORIL 18 |
| 22x2,5 | L | CMORIL 22 |
| 28x3 | L | CMORIL 28 |
| 35x4 | L | CMORIL 35 |
| 42x3 | L | CMORIL 42 |
| 6x2 | L/S | CMORIS 6 |
| 8x2 | L/S | CMORIS 8 |
| 10x2 | L/S | CMORIS 10 |
| 12x2 | L/S | CMORIS 12 |
| 14x3 | S | CMORIS 14 |
| 16x3 | S | CMORIS 16 |
| 20x3 | S | CMORIS 20 |
| 25x4 | S | CMORIS 25 |
| 30x5 | S | CMORIS 30 |
| 38x5 | S | CMORIS 38 |

## Racor recto para soldar

Metric weldable straight couplings

Raccord droit à souder

Raccordo diritto a saldare



| TUBO PIPE | SERIE | Referencia Part n° |
|---|---|---|
| 6 | L | STA ASL 6 |
| 8 | L | STA ASL 8 |
| 10 | L | STA ASL 10 |
| 12 | L | STA ASL 12 |
| 15 | L | STA ASL 15 |
| 18 | L | STA ASL 18 |
| 22 | L | STA ASL 22 |
| 28 | L | STA ASL 28 |
| 35 | L | STA ASL 35 |
| 42 | L | STA ASL 42 |
| 6 | S | STA ASS 6 |
| 8 | S | STA ASS 8 |
| 10 | S | STA ASS 10 |
| 12 | S | STA ASS 12 |
| 14 | S | STA ASS 14 |
| 16 | S | STA ASS 16 |
| 20 | S | STA ASS 20 |
| 25 | S | STA ASS 25 |
| 30 | S | STA ASS 30 |
| 38 | S | STA ASS 38 |

***Ver precios en pág. 233** / **See prices page 233* / **Voir les prix page 233* / **Vedere prezzi p. 233*

# Racores soldables

Welding fittings
Raccords à souder
Raccordi a saldare

## Hembra giratoria 45 prensada métrica - soldable

Metric weldable swivel female 45°

Femelle tournante 45° métrique à souder

Femmina girevole 45° metrica a saldare



| TUBO PIPE | ROSCA THREAD | SERIE SERIES | Referencia Part n° |
|---|---|---|---|
| 6 | 12X1,5 | L | **A10531206** |
| 8 | 14x1,5 | L | **A10531408** |
| 10 | 16X1,5 | L | **A10531610** |
| 12 | 18X1,5 | L | **A10531812** |
| 15 | 22X1,5 | L | **A10532215** |
| 18 | 26X1,5 | L | **A10532618** |
| 22 | 30X2 | L | **A10533022** |
| 28 | 36X2 | L | **A10533628** |
| 35 | 45X2 | L | **A10534535** |
| 42 | 52X2 | L | **A10535242** |
| 6 | 14x1,5 | S | **A10531406** |
| 8 | 16X1,5 | S | **A10531608** |
| 10 | 18X1,5 | S | **A10531810** |
| 12 | 20X1,5 | S | **A10532012** |
| 14 | 22X1,5 | S | **A10532214** |
| 16 | 24x1,5 | s | **A10532416** |
| 20 | 30X2 | S | **A10533020** |
| 25 | 36X2 | S | **A10533625** |
| 30 | 42X2 | S | **A10534230** |
| 38 | 52X2 | S | **A10535238** |

## Hembra giratoria 90 prensada métrica - soldable

Metric weldable swivel female 90°

Femelle tournante 90° métrique à souder

Femmina girevole 90° metrica a saldare



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | L | 12X1,5 | **A10521206** |
| 8 | L | 14X1,5 | **A10521408** |
| 10 | L | 16X1,5 | **A10521610** |
| 12 | L | 18X1,5 | **A10521812** |
| 15 | L | 22X1,5 | **A10522215** |
| 18 | L | 26X1,5 | **A10522618** |
| 22 | L | 30X2 | **A10523022** |
| 28 | L | 36X2 | **A10523628** |
| 35 | L | 45X2 | **A10524535** |
| 42 | L | 52X2 | **A10525242** |
| 6 | S | 14X1,5 | **A10521406** |
| 8 | S | 16X1,5 | **A10521608** |
| 10 | S | 18X1,5 | **A10521810** |
| 12 | S | 20X1,5 | **A10522012** |
| 14 | S | 22X1,5 | **A10522214** |
| 16 | S | 24X1,5 | **A10522416** |
| 20 | S | 30X2 | **A10523020** |
| 25 | S | 36X2 | **A10523625** |
| 30 | S | 42X2 | **A10524230** |
| 38 | S | 52X2 | **A10525238** |

# Racores soldables

Welding fittings
Raccords à souder
Raccordi a saldare

## Cono ajuste sin guía

Welding nipple without guide

Collet à souder sans guide

Ogiva a saldare BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" BSP | **A127304** |
| 3/8" | 3/8" BSP | **A127306** |
| 1/2" | 1/2" BSP | **A127308** |
| 3/4" | 3/4" BSP | **A127312** |
| 1" | 1" BSP | **A127316** |
| 1"1/4 | 1"1/4 BSP | **A127320** |
| 1"1/2 | 1"1/2 BSP | **A127324** |
| 2" | 2" BSP | **A127332** |

## Espiga lisa métrica recta

Metric standpipe

Embout lisse métrique droit

Estremitá tubolare diritta Metrica



| Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 7 | 10 | **KL0010** |
| 9 | 12 | **KL0012** |
| 10 | 14 | **KL0014** |
| 12 | 15 | **KL0015** |
| 12 | 16 | **KL0016** |
| 14 | 18 | **KL0018** |
| 14 | 20 | **KL0020** |
| 18 | 22 | **KL0022** |

## Tuerca para cono ajuste 60° BSP

BSP nut for welding nipple 60° cone

Écrou BSP pour collet à souder bw (60°)

Dado BSP per ogiva cono 60° a saldare



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | **A127004** |
| 3/8" BSP | **A127006** |
| 1/2" BSP | **A127008** |
| 3/4" BSP | **A127012** |
| 1" BSP | **A127016** |
| 1"1/4 BSP | **A127020** |
| 1"1/2 BSP | **A127024** |
| 2" BSP | **A127032** |

## Cono ajuste BSP 60° con guía >2"

Welding nipple with 60° cone for BSP nut with guide >2"

Collet à souder BSP cône 60° avec guide >2"

Ogiva cono 60° a saldare con guida per dado BSP > 2"



| DN | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|
| 2"1/2 | 2"1/2 BSP | **Z127840** | * |
| 3" | 3" BSP | **Z127848** | * |
| 4" | 4" BSP | **Z127864** | * |

***Ver precios en catálogo de inoxidable** / **Prices in Stainless Steel Catalogue* / **Prix dans le Catalogue Acier Inox* / **Prezzi in Acciaio Inossidabile*

## Macho BSPT soldar microfundido AISI-316 >2"

Micro-casting BSPT welding male AISI-316 >2"

Mâle BSPT à souder en acier moulé AISI-316 >2"

Maschio BSPT a saldare microfuso AISI-316 >2"



| DN | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|
| 2"1/2 | 2"1/2 BSPT | **ZM103240** | * |
| 3" | 3" BSPT | **ZM103248** | * |
| 4" | 4" BSPT | **ZM103264** | * |

***Ver precios en catálogo de inoxidable** / **Prices in Stainless Steel Catalogue* / **Prix dans le Catalogue Acier Inox* / **Prezzi in Acciaio Inossidabile*

## Tuercas BSP Microfundido AISI-316 >2"

Micro-casting BSP nuts AISI-316 >2"

Écrous BSP en acier moulé AISI-316 >2"

Dadi BSP microfusi AISI-316 >2"



| ROSCA THREAD | Referencia Part n° | € |
|---|---|---|
| 2" 1/2 BSP | **Z127040** | * |
| 3" BSP | **Z127048** | * |
| 4" BSP | **Z127064** | * |

***Ver precios en catálogo de inoxidable** / **Prices in Stainless Steel Catalogue* / **Prix dans le Catalogue Acier Inox* / **Prezzi in Acciaio Inossidabile*

# Bridas soldables

Welding flanges
Brides a souder
Flange a saldare

## Brida fija DIN 2633/EN-1092-1 PN 10/16

Fixed forged flange DIN 2633/EN-1092-1 PN 10/16

Bride fixe avec collerette DIN 2633/EN-1092-1 PN 10/16 à souder

Flangia fissa a saldare DIN 2633/EN-1092-1 PN 10/16



| DN | Referencia Part n° |
|---|---|
| 3/8" | BPN16263306 |
| 1/2" | BPN16263308 |
| 3/4" | BPN16263312 |
| 1" | BPN16263316 |
| 1"1/4 | BPN16263320 |
| 1"1/2 | BPN16263324 |
| 2" | BPN16263332 |
| 2"1/2 | BPN16263340 |
| 3" | BPN16263348 |
| 4" | BPN16263364 |

## Brida fija DIN 2635/EN-1092-1 PN 40

Fixed forged flange DIN 2635/EN-1092-1 PN 40

Bride fixe avec collerette DIN 2635/EN-1092-1 PN 40 à souder

Flangia fissa a saldare DIN 2635/EN-1092-1 PN 40



| DN | Referencia Part n° |
|---|---|
| 3/8" | BPN40263506 |
| 1/2" | BPN40263508 |
| 3/4" | BPN40263512 |
| 1" | BPN40263516 |
| 1"1/4 | BPN40263520 |
| 1"1/2 | BPN40263524 |
| 2" | BPN40263532 |
| 2"1/2 | BPN40263540 |
| 3" | BPN40263548 |
| 4" | BPN40263564 |

## Brida ANSI-ASA Neck 150 LBS

Flange ANSI-ASA w.Neck 150 LBS

Bride ANSI-ASA w. Neck 150 LBS

Flangia ANSI-ASA 150 LBS



| DN | Referencia Part n° |
|---|---|
| 1/2" | BANSAWN15008 |
| 3/4" | BANSAWN15012 |
| 1" | BANSAWN15016 |
| 1"1/4 | BANSAWN15020 |
| 1"1/2 | BANSAWN15024 |
| 2" | BANSAWN15032 |
| 2"1/2 | BANSAWN15040 |
| 3" | BANSAWN15048 |
| 4" | BANSAWN15064 |

## Brida ANSI-ASA Neck 300 LBS

Flange ANSI-ASA w.Neck 300 LBS

Bride ANSI-ASA w. Neck 300 LBS

Flangia ANSI-ASA Neck 300 LBS



| DN | Referencia Part n° |
|---|---|
| 1/2" | BANSAWN30008 |
| 3/4" | BANSAWN30012 |
| 1" | BANSAWN30016 |
| 1"1/4 | BANSAWN30020 |
| 1"1/2 | BANSAWN30024 |
| 2" | BANSAWN30032 |
| 2"1/2 | BANSAWN30040 |
| 3" | BANSAWN30048 |
| 4" | BANSAWN30064 |

TrAle®

# Bridas soldables

Welding flanges

Brides à souder

Flange a saldare



## Brida loca DIN 2642/EN-1092-1 PN 10/16

Swivel forged flange DIN 2642/EN-1092-1 PN 10/16

Bride plate tournante DIN 2642/EN-1092-1 PN 10/16 à souder

Flangia girevole a saldare DIN 2642/EN-1092-1 PN 10/16



| DN | Referencia Part n° |
|---|---|
| 3/8" | BPN10264206 |
| 1/2" | BPN10264208 |
| 3/4" | BPN10264212 |
| 1" | BPN10264216 |
| 1"1/4 | BPN10264220 |
| 1"1/2 | BPN10264224 |
| 2" | BPN10264232 |
| 2"1/2 | BPN10264240 |
| 3" | BPN10264248 |
| 4" | BPN10264264 |

## Tubo soldar brida ANSI-DIN

Tube for welding flanges ANSI-DIN

Tube à souder brides ANSI-DIN

Tubo per flangia a saldare ANSI-DIN



| DN | Referencia Part n° |
|---|---|
| 3/8" | ABTUB006 |
| 1/2" | ABTUB008 |
| 3/4" | ABTUB012 |
| 1" | ABTUB016 |
| 1"1/4 | ABTUB020 |
| 1"1/2 | ABTUB024 |
| 2" | ABTUB032 |
| 2"1/2 | ABTUB040 |
| 3" | ABTUB048 |
| 4" | ABTUB064 |

## Aro para brida DIN 2642/EN-1092-1

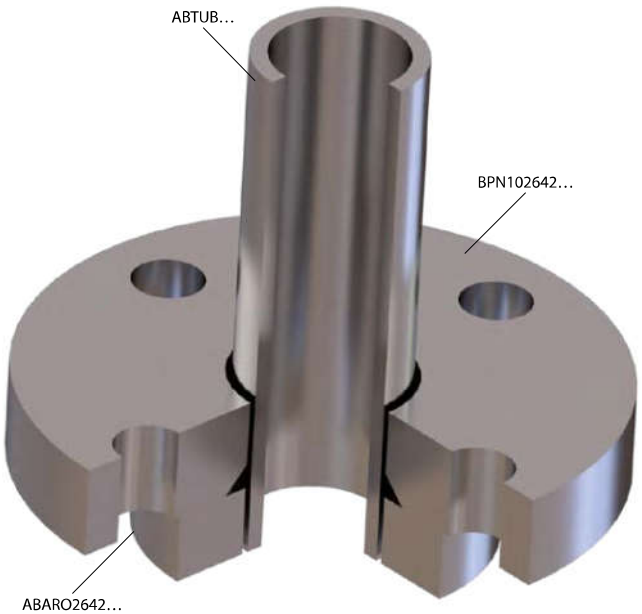
Ring for flange DIN 2642/EN-1092-1

Collet épais pour bride DIN 2642/EN-1092-1

Anello per flangia DIN 2642/EN-1092-1



| DN | Referencia Part n° |
|---|---|
| 3/8" | ABARO264206 |
| 1/2" | ABARO264208 |
| 3/4" | ABARO264212 |
| 1" | ABARO264216 |
| 1"1/4 | ABARO264220 |
| 1"1/2 | ABARO264224 |
| 2" | ABARO264232 |
| 2"1/2 | ABARO264240 |
| 3" | ABARO264248 |
| 4" | ABARO264264 |



# Bridas soldables

Welding flanges
Brides à souder
Flange a saldare

## Brida loca DIN 2642/EN-1092-1 PN 40

Swivel forged flange DIN 2656/EN-1092-1 PN 40

Bride plate tournante DIN 2656/EN-1092-1 PN 40 à souder

Flangia girevole a saldare DIN 2656/EN-1092-1 PN 40



| DN | Referencia Part n° |
|---|---|
| 3/8" | BPN40265606 |
| 1/2" | BPN40265608 |
| 3/4" | BPN40265612 |
| 1" | BPN40265616 |
| 1"1/4 | BPN40265620 |
| 1"1/2 | BPN40265624 |
| 2" | BPN40265632 |
| 2"1/2 | BPN40265640 |
| 3" | BPN40265648 |
| 4" | BPN40265664 |

## Tubo soldar brida ANSI-DIN

Tube for welding flanges ANSI-DIN

Tube à souder brides ANSI-DIN

Tubo per flangia a saldare ANSI-DIN



| DN | Referencia Part n° |
|---|---|
| 3/8" | ABTUB006 |
| 1/2" | ABTUB008 |
| 3/4" | ABTUB012 |
| 1" | ABTUB016 |
| 1"1/4 | ABTUB020 |
| 1"1/2 | ABTUB024 |
| 2" | ABTUB032 |
| 2"1/2 | ABTUB040 |
| 3" | ABTUB048 |
| 4" | ABTUB064 |

## Aro para brida DIN 2656/EN-1092-1

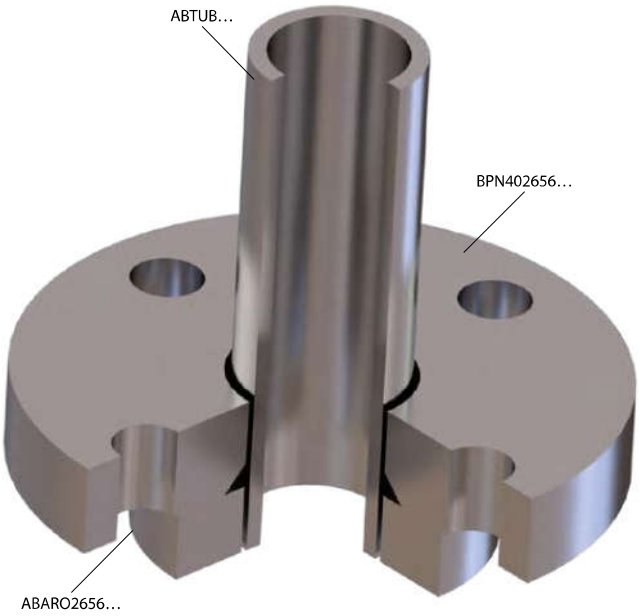
Ring for flange DIN 2656/EN-1092-1

Collet épais pour bride DIN 2656/EN-1092-1

Anello per flangia DIN 2656/EN-1092-1



| DN | Referencia Part n° |
|---|---|
| 3/8" | ABARO265606 |
| 1/2" | ABARO265608 |
| 3/4" | ABARO265612 |
| 1" | ABARO265616 |
| 1"1/4 | ABARO265620 |
| 1"1/2 | ABARO265624 |
| 2" | ABARO265632 |
| 2"1/2 | ABARO265640 |
| 3" | ABARO265648 |



# Bridas soldables

Welding flanges
Brides à souder
Flange a saldare

## Brida loca ANSI-ASA 150 LBS

Swivel flange ANSI-ASA 150 LBS

Bride tourn. ANSI-ASA 150 LBS

Flangia ANSI-ASA 150 LBS



| DN | Referencia Part n° |
|---|---|
| 1/2" | BANSASO15008 |
| 3/4" | BANSASO15012 |
| 1" | BANSASO15016 |
| 1"1/4 | BANSASO15020 |
| 1"1/2 | BANSASO15024 |
| 2" | BANSASO15032 |
| 2"1/2 | BANSASO15040 |
| 3" | BANSASO15048 |
| 4" | BANSASO15064 |

## Brida loca ANSI-ASA 300 LBS

Swivel flange ANSI-ASA 300 LBS

Bride tourn. ANSI-ASA 300 LBS

Flangia ANSI-ASA 300 LBS



| DN | Referencia Part n° |
|---|---|
| 1/2" | BANSASO30008 |
| 3/4" | BANSASO30012 |
| 1" | BANSASO30016 |
| 1"1/4 | BANSASO30020 |
| 1"1/2 | BANSASO30024 |
| 2" | BANSASO30032 |
| 2"1/2 | BANSASO30040 |
| 3" | BANSASO30048 |
| 4" | BANSASO30064 |

## Tubo soldar brida ANSI-DIN

Tube for welding flanges ANSI-DIN

Tube à souder brides ANSI-DIN

Tubo per flangia a saldare ANSI-DIN



| DN | Referencia Part n° |
|---|---|
| 3/8" | ABTUB006 |
| 1/2" | ABTUB008 |
| 3/4" | ABTUB012 |
| 1" | ABTUB016 |
| 1"1/4 | ABTUB020 |
| 1"1/2 | ABTUB024 |
| 2" | ABTUB032 |
| 2"1/2 | ABTUB040 |
| 3" | ABTUB048 |
| 4" | ABTUB064 |

## Aro para brida ANSI-ASA 150/300 LBS

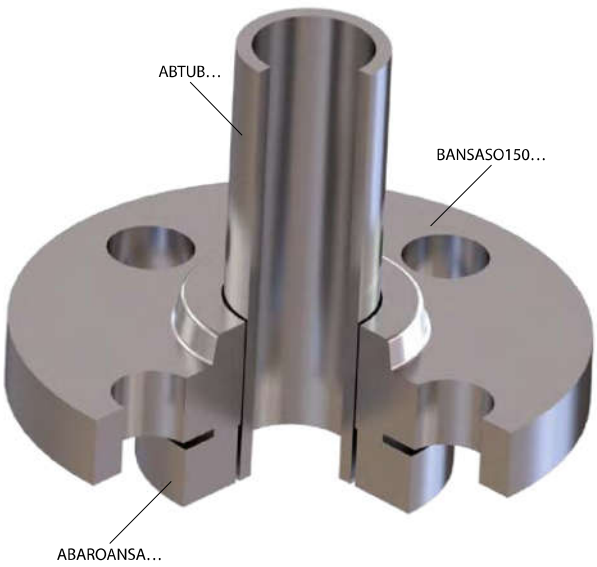
Ring for welding flanges ANSI-ASA 150/300 LBS

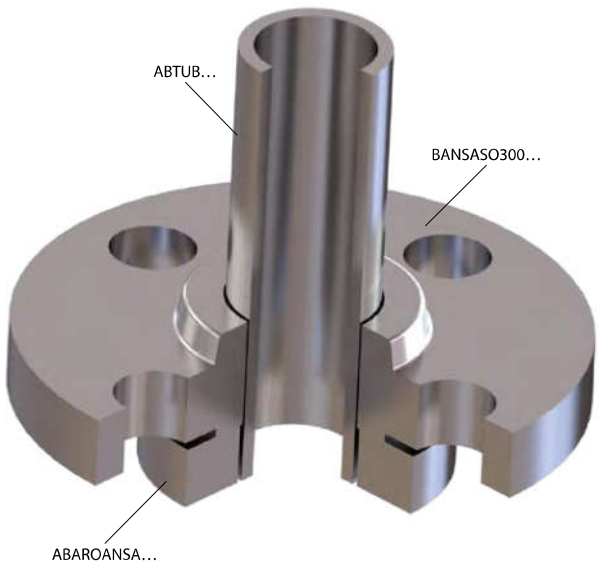
Collet épais pour bride ANSI-ASA 150/300 LBS

Anello per flangia ANSI-ASA 150/300 LBS



| DN | Referencia Part n° |
|---|---|
| 1/2" | ABAROANSA08 |
| 3/4" | ABAROANSA12 |
| 1" | ABAROANSA16 |
| 1"1/4 | ABAROANSA20 |
| 1"1/2 | ABAROANSA24 |
| 2" | ABAROANSA32 |
| 2"1/2 | ABAROANSA40 |
| 3" | ABAROANSA48 |
| 4" | ABAROANSA64 |



**Mangueras baja presión** 196
Low pressure hoses
Tuyaux basse pression
Tubi bassa pressione

**Racores baja presión** 197
Low pressure fittings
Raccords basse pression
Raccordi bassa pressione



# 04

## BAJA PRESIÓN

Low pressure

Basse pression

Tubi a bassa pressione

# Mangueras baja presión

Low pressure hoses
Tuyaux basse pression
Tubi bassa pressione

Mangueras de caucho sintético ▪ Synthetic rubber hoses (diesel oil) ▪ Tuyaux de caoutchouc synthétique (gas-oil) ▪ Tubi di caucciú sintetico (diesel)

196



M100 M110

# Racores baja presión

Low pressure fittings

Raccords basse pression

Casquillos (campanillas) ▪ Sleeves ▪ Jupes basse pression ▪ Boccole | 197



Conexiones BSP ▪ BSP Fttings ▪ Embouts BSP basse pression ▪ Raccordi BSP | 197



D5042 D5040 D5052 D5050 D5030 D5091

Conexiones Métricas ▪ Metric fittings ▪ Embouts Métriques basse pression ▪ Raccordi Metrici | 198



D5062 D5060 D5082 D5080 D5070 D5090 D5085 D5020

# Mangueras baja presión

Low pressure hoses
Tuyaux basse pression
Tubi bassa pressione

## Manguera de caucho sint. con una malla de ac. galvanizado (gasoil)

Synth. rubber hose with a galvanized steel braided (gasoil)
Tuyau de caoutchouc synthétique avec une tresse d'acier galvanisé (gasoil)
Tubo di caucciú sintetico con una treccia di acciaio galvanizzato (gasolio)



| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 5 | M10005 |
| 6 | M10006 |
| 7 | M10007 |
| 8 | M10008 |
| 9 | M10009 |
| 12 | M10012 |
| 14 | M10014 |
| 15 | M10015 |
| 18 | M10018 |
| 20 | M10020 |
| 22 | M10022 |
| 26 | M10025 |
| 30 | M10030 |
| 40 | M10040 |
| 50 | M10050 |

## Manguera de caucho sint. con una malla textil de alta tenacidad (gasoil y gasolina)

Synth. rubber hose with a textile braided high toughness (gasoil and gasoline)
Tuyau de caoutchouc synthétique avec une tresse textile d'haute tenacité (gasoil et essence)
Tubo di caucciú sintetico con una treccia tessile ad alta resistenza (gasolio e benzina)



| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 4 | M11004 |
| 5 | M11005 |
| 6 | M11006 |
| 7 | M11007 |
| 8 | M11008 |
| 9 | M11009 |
| 12 | M11012 |

## Máquina prensar baja presión | Low pressure crimping machine | Presse basse pression | Macchina pressatubi bassa pressione

**Mordazas incluidas** | Included dies | Mors inclus | Morsetti inclusi
Ø10-13-16 mm.

**Ø máx.** | Ø max. | Ø max. | Ø massimo
25 mm.

**Apertura** | Opening | Overture | Apertura
+21 mm.

**Peso** | Weight | Poids | Peso
12 kg.

**Dimensiones** | Dimensions | Dimensions | Dimensioni
500 x 180 x 310 mm.

**PBHP 25 N**



# Racores baja presión

Low pressure fittings
Raccords basse pression
Raccordi bassa pressione

## Campana acero para manguera de baja presión

Sleeves for low pressure hose (steel)

Jupe acier doux malléable pour tuyau basse pression

Boccola in acciaio sottile per tubo bassa pressione



| Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 11,6 | 10,5 | A50101050000 |
| 13,7 | 12,4 | A50101200000 |
| 14,7 | 13,5 | A50101350000 |
| 15,6 | 14,5 | A50101450000 |
| 16,5 | 15,5 | A50101550000 |
| 18,8 | 17,3 | A50101700000 |
| 19,5 | 18,5 | A50101850000 |
| 22,9 | 20,5 | A50102050000 |
| 23,9 | 22,5 | A50102250000 |
| 26,2 | 24,5 | A50102450000 |
| 28 | 26,4 | A50102600000 |
| 30 | 28 | A50102800000 |
| 32,2 | 30 | A50103000000 |
| 35,5 | 33,5 | A50103300000 |
| 38,2 | 36 | A50103600000 |
| 45,2 | 42,2 | A50104200000 |
| 60,8 | 56 | A50105600000 |
| 65,5 | 61 | A50106100000 |
| 70,3 | 66.5 | A50106650000 |
| 76,7 | 71 | A50107100000 |

## Campana aluminio para racor industrial - cierre 45°

Crimping ferrule 45° closure (aluminium)

Jupe aluminium pour raccord industriel – fermeture 45°

Boccola alluminio per raccordo industriale - chiusura 45°



| Ø INT. Ø INNER | Referencia Part n° | € |
|---|---|---|
| 11 | ALCA011000 | * |
| 12.9 | ALCA012900 | * |
| 13.4 | ALCA013400 | * |
| 14.5 | ALCA014500 | * |
| 15.5 | ALCA015500 | * |
| 17.5 | ALCA017500 | * |
| 18.5 | ALCA018500 | * |
| 20.5 | ALCA020500 | * |
| 21.5 | ALCA021500 | * |
| 24.5 | ALCA024500 | * |
| 26.5 | ALCA026500 | * |
| 27.5 | ALCA027500* | * |
| 28.5 | ALCA028500 | * |
| 30 | ALCA030000 | * |
| 33 | ALCA033000 | * |
| 36 | ALCA036000 | * |
| 39 | ALCA039000 | * |
| 46 | ALCA046000 | * |
| 43 | ALCA043000 | * |
| 48 | ALCA048000 | * |
| 50 | ALCA050000 | * |
| 54 | ALCA054000 | * |
| 56.5 | ALCA056500 | * |
| 63 | ALCA063000 | * |
| 67 | ALCA067000 | * |
| 84 | ALCA083000 | * |
| 98 | ALCA099000 | * |
| 123 | ALCA121000 | * |

**Ver precios en p.171** / *See prices in p.171* / Prix à la p.171 / *Vedere prezzi p.171*

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Macho BSP rosca cilíndrica asiento cónico 60°

BSP Cylindrical male low pressure 60° cone

Embout mâle fixe BSP cône 60° basse pression

Portagomma maschio cilindrico BSP 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5-6 | 1/4" | D50420405000 |
| 7-8 | 1/4" | D50420407000 |
| 8-9 | 1/4" | D50420408000* |
| 7-8 | 3/8" | D50420607000 |
| 9-10 | 3/8" | D50420609000 |
| 12-13 | 3/8" | D50420612000 |
| 12-13 | 1/2" | D50420812000 |
| 15-16 | 1/2" | D50420815000 |
| 15-16 | 3/4" | D50421216000 |
| 19-20 | 3/4" | D50421220000 |
| 19-20 | 1" | D50421620000 |
| 25 | 1" | D50421625000 |
| 30 | 1"1/4 | D50422030000 |
| 40 | 1"1/2 | D50422440000 |
| 50 | 2" | D50423250000 |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Macho BSP rosca cilíndrica asiento plano

Low pressure BSP cylindrical male flat seat

Embout mâle gaz fond plat basse pression

Portagomma maschio cilindrico BSP sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5-6 | 1/8" | D50400205000 |
| 5-6 | 1/4" | D50400405000 |
| 7-8 | 1/4" | D50400407000 |
| 7-8 | 3/8" | D50400607000 |
| 9-10 | 3/8" | D50400609000 |
| 12-13 | 1/2" | D50400812000 |
| 15-16 | 1/2" | D50400815000 |
| 15-16 | 3/4" | D50401216000 |
| 19-20 | 3/4" | D50401220000 |
| 19-20 | 1" | D50401620000 |
| 25 | 1" | D50401625000 |
| 30 | 1"1/4 | D50402030000 |
| 40 | 1"1/2 | D50402440000 |
| 50 | 2" | D50403250000 |

# Racores baja presión

Low pressure fittings

Raccordi bassa pressione

TrAle®

## Boquilla asiento cónico 60° (BSP) baja presión

BSP Nipple 60° cone low pressure

Nipple embout femelle BSP 60° basse pression

Portagomma cono 60° BSP



| DN | TUERCA NUT | Referencia Part n° |
|---|---|---|
| 5-6 | 1/4" | D50520405000 |
| 7-8 | 1/4" | D50520407000 |
| 7-8 | 3/8" | D50520607000 |
| 9-10 | 3/8" | D50520609000 |
| 12-13 | 1/2" | D50520812000 |
| 15-16 | 1/2" | D50520815000 |
| 15-16 | 3/4" | D50521216000 |
| 19-20 | 3/4" | D50521220000 |
| 19-20 | 1" | D50521620000 |
| 25 | 1" | D50521625000 |
| 30 | 1"1/4 | D50522030000 |
| 40 | 1"1/2 | D50522440000 |
| 50 | 2" | D50523250000 |

## Boquilla asiento plano (BSP) baja presión

BSP Nipple flat seat

Nipple embout femelle fond plat BSP basse pression

Portagomma sede piana BSP



| DN PIPE | TUERCA NUT | Referencia Part n° |
|---|---|---|
| 5-6 | 1/4" | D50500405000 |
| 7-8 | 1/4" | D50500407000 |
| 9-10 | 3/8" | D50500609000 |
| 12-13 | 1/2" | D50500812000 |
| 15-16 | 1/2" | D50500815000 |
| 15-16 | 3/4" | D50501216000 |
| 19-20 | 3/4" | D50501220000 |
| 19-20 | 1" | D50501620000 |
| 25 | 1" | D50501625000 |
| 30 | 1"1/4 | D50502030000 |
| 40 | 1"1/2 | D50502440000 |
| 50 | 2" | D50503250000 |

## Tuerca BSP

BSP Nut

Ecrou BSP

Dado BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | D50300400000 |
| 3/8" BSP | D50300600000 |
| 1/2" BSP | D50300800000 |
| 3/4" BSP | D50301200000 |
| 1" BSP | D50301600000 |
| 1"1/4 BSP | D50302000000 |
| 1"1/2 BSP | D50302400000 |
| 2" BSP | D50303200000 |

## Codo 90° baja gas cono 60°

90° BSP Swivel female 60° cone low pressure

Embout femelle 90° gaz cyl BSP 60° basse pression

Portagomma femmina 90° BSP 60°



| DN PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5-6 | 1/4" | D50910405000 |
| 7-8 | 1/4" | D50910407000 |
| 9-10 | 3/8" | D50910609000 |
| 12-13 | 1/2" | D50910812000 |
| 15-16 | 1/2" | D50910815000 |
| 15-16 | 3/4" | D50911216000 |
| 19-20 | 3/4" | D50911220000 |
| 19-20 | 1" | D50911620000 |
| 25 | 1" | D50911625000 |
| 30 | 1"1/4 | D50912030000 |

## Macho rosca métrica asiento cónico 60° baja presión

Metric cylindrical male 60° cone

Embout mâle DIN métrique cône 60° basse pression

Portagomma maschio metrico 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5-6 | 10X1 | D50621005000 |
| 7-8 | 12X1,5 | D50621207000 |
| 9-10 | 14X1,5 | D50621409000 |
| 9-10 | 16X1,5 | D50621609000 |
| 12-13 | 16X1,5 | D50621612000 |
| 9-10 | 18X1,5 | D50621810000 |
| 12-13 | 22X1,5 | D50622212000 |
| 15-16 | 22X1,5 | D50622215000 |
| 12-13 | 26X1,5 | D50622612000 |
| 15-16 | 26X1,5 | D50622615000 |

## Macho rosca métrica asiento plano baja presión

Metric cyl male flat seat low pressure

Embout mâle métrique fond plat basse pression

Portagomma maschio metrico sede piana



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5-6 | 10X1 | D50601005000 |
| 7-8 | 12X1,5 | D50601207000 |
| 9-10 | 14X1,5 | D50601409000 |
| 9-10 | 16X1,5 | D50601609000 |
| 12-13 | 16X1,5 | D50601612000 |
| 9-10 | 18X1,5 | D50601810000 |
| 12-13 | 22X1,5 | D50602212000 |
| 15-16 | 22X1,5 | D50602215000 |
| 12-13 | 26X1,5 | D50602612000 |
| 15-16 | 26X1,5 | D50602615000 |

# Racores baja presión

Low pressure fittings

Raccords basse pression

Raccordi bassa pressione

## Boquilla asiento cónico 60° (Métrica) baja presión

Metric nipple 60° cone low pressure

Nipple pour embout femelle DIN métrique cône 60° basse pression

Portagomma cono 60° metrico



| DN | TUERCA NUT | Referencia Part n° |
|---|---|---|
| 5-6 | 10X1 | D50821005000 |
| 7-8 | 12X1,5 | D50821207000 |
| 9-10 | 14X1,5 | D50821409000 |
| 9-10 | 16X1,5 | D50821609000 |
| 9-10 | 18X1,5 | D50821810000 |
| 12-13 | 22X1,5 | D50822212000 |
| 15-16 | 22X1,5 | D50822215000 |
| 12-13 | 26X1,5 | D50822612000 |
| 15-16 | 26X1,5 | D50822615000 |

## Boquilla asiento plano (Métrica) baja presión

Metric nipple flat seat low pressure

Nipple pour embout femelle métrique fond plat basse pression

Portagomma sede piana metrica



| DN | TUERCA NUT | Referencia Part n° |
|---|---|---|
| 5-6 | 10X1 | D50801005000 |
| 7-8 | 12X1,5 | D50801207000 |
| 9-10 | 14X1,5 | D50801409000 |
| 9-10 | 16X1,5 | D50801609000 |
| 9-10 | 18X1,5 | D50801810000 |
| 12-13 | 22X1,5 | D50802212000 |
| 15-16 | 22X1,5 | D50802215000 |
| 12-13 | 26X1,5 | D50802612000 |
| 15-16 | 26X1,5 | D50802615000 |

## Tuerca Métrica

Metric nut

Écrou métrique

Dado Metrico



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 10X1 | D50701000000 |
| 12X1,5 | D50701200000 |
| 14X1,5 | D50701400000 |
| 16X1,5 | D50701600000 |
| 18X1,5 | D50701800000 |
| 22X1,5 | D50702200000 |
| 26X1,5 | D50702600000 |

## Boquilla 90ª asiento cónico 60° (Métrica) baja presión

90° Swivel female Metric cylindrical 60° cone low pressure

Embout femelle 90° métrique cône 60° basse pression

Portagomma femmina 90° metrica 60°



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 7-8 | 12X1,5 | D50901207000 |
| 9-10 | 14X1,5 | D50901409000 |
| 9-10 | 16X1,5 | D50901609000 |

## Espiga lisa métrica baja presión

Metric standpipe low pressure

Embout lisse métrique basse pression

Estremitá tubolare Metrica bassa pressione



| DN | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 5-6 | 4 | D50850405000 |
| 5-6 | 6 | D50850606000 |
| 5-6 | 8 | D50850806000 |
| 7-8 | 8 | D50850808000 |
| 7-8 | 10 | D50851008000 |
| 9-10 | 10 | D50851010000 |
| 12-13 | 12 | D50851212000 |
| 15-16 | 15 | D50851515000 |
| 15-16 | 18 | D50851815000 |

## Orientable métrico baja presión

Low pressure metric banjo

Embout banjo métrique basse pression

Raccordo ad occhio Metrico bassa pressione



| DN | ø | Referencia Part n° |
|---|---|---|
| 5-6 | 8 | D50200805 |
| 7-8 | 8 | D50200807 |
| 5-6 | 10 | D50201005 |
| 7-8 | 10 | D50201007 |
| 9-10 | 10 | D50201009 |
| 5-6 | 12 | D50201205 |
| 7-8 | 12 | D50201207 |
| 9-10 | 12 | D50201209 |
| 5-6 | 14 | D50201405 |
| 7-8 | 14 | D50201407 |
| 9-10 | 14 | D50201409 |

**Manguera aire acondicionado** 204
Air conditioning hose
Tuyau Freon
Tubo Freon

**Racores aire acondicionado** 205
Air conditioning fittings
Raccords climatisation
Raccordi aria condizionata



# 05

# AIRE ACONDICIONADO

Air conditioning hoses and fittings

Climatisation

Aria condizionata

# Manguera aire acondicionado

Air conditioning hose
Tuyau Freon
Tubo Freon





MSB25

# Racores aire acondicionado

Air conditioning fittings

Raccords climatisation

Raccordi aria condizionata


Rotalock sin válvula ▪ Rotalock without valve ▪ Raccords Rotalock sans vanne ▪ Raccordi Rotalock senza valvola | 205



FXR FX90 FX45 FXA90

Rotalock con válvula ▪ Rotalock with valve ▪ Raccords Rotalock avec vanne ▪ Raccordi Rotalock con valvola | 205



FXRV FX45V FX90V FXAV90

Racores de unión ▪ Couplings ▪ Raccord union ▪ Raccordi di unione | 205



Hembras con junta tórica sin válvula ▪ Swivel female with green joint ▪ Femelles tournantes avec joint vert sans vanne ▪ Femmine con o´ring senza valvola | 206



FOR FO45 FO90

Hembras con junta tórica con válvula ▪ Swivel female with green joint with valve ▪ Femelles tournantes avec joint vert et avec vanne ▪ Femmine con o´ring e valvola | 206



FORV FO90V FO45V

Machos con junta tórica ▪ Males with green joint ▪ Mâles avec joint vert ▪ Maschi con o´ring | 206



Conexiones rosca SAE ▪ Swivel females SAE ▪ Femelles tournantes SAE ▪ Raccordi SAE | 207



FSR FS90 FS45

Conexiones con válvula para Freón 12 ▪ Fittings with valve for air conditioning 12 ▪ Embouts climatisation pour Freón 12 avec vanne ▪ Raccordi con valvola per Freon 12 | 207



FXRV FXAV90 URTV FX90V

Juntas tóricas ▪ Joints ▪ Joints toriques ▪ O´ring | 207



*FREON

# Manguera aire acondicionado

Air conditioning hose
Tuyau Freon
Tubo Freon

TrΔle®

## Freón TrΔle®

Air conditioning TrΔle®

Tuyaux Freon TrΔle®

Tubo Freon TrΔle®




| DN | | Referencia Part n° |
|---|---|---|
| 8 | 5/16" | **MSB2506** |
| 10.3 | 13/32" | **MSB2508** |
| 13 | 1/2" | **MSB2510** |
| 16 | 5/8" | **MSB2512** |

## Mangueras Freón Barrier N (polivalente)

*Air Conditioning Barrier N Hose Freon*

**SAE J51**
**SAE J2064-C**

**–30 / 95 °C**




**Está compuesta por Nitrilo, Nylon y Neopreno. Cubierta exterior de EPDM resistente al calor, abrasión y al exterior.**

*Tube: Nitrile, Nylon and Neoprene. Outer cover of EPDM, heat, abrasion and ozone resistant.*

**Refrigerantes** / *refrigerants*
**R134a-R404-R410**

## Prensa manual

*Manual crimping machine*



**Prensa Freón. Ref. V001040 (sin juegos de mordazas)**
*Air conditioning hose crimping machine (without clamps)*

**PM16ELBOW-8J** Die set

## Prensas eléctricas

*Electric crimping machine*




**Disponemos de garras de freón para las prensas**
**SE 25 - PE 25 / 28 / 32 / 38 / 50 / 58 / 4-50 - PE 180 - PES 50…**
*We have air conditioning clamps for the following machines*
*SE 25 - PE 25 / 28 / 32 / 38 / 50 / 58 / 4-50 - PE 180 - PES 50…*

# Racores aire acondicionado

Air conditioning fittings

Raccords climatisation

Raccordi aria condizionata



## Hembra recta con junta Rotalock

Straight female with Rotalock joint

Femelle climatisation droite Rotalock avec raccord tube "o" compresseur

Femmina diritta con guarnizione Rotalock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **FXR 1108** |
| 1/2" | 1" 14h UNS | **FXR 1110** |
| 5/8" | 1" 14h UNS | **FXR 1112** |

## Hembra 90° con junta Rotalock

90° Female with Rotalock joint

Femelle climatisation 90° Rotalock avec raccord tube 90° "o" compresseur

Femmina a 90° con guarnizione Rotalock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **FX90 1108** |
| 1/2" | 1" 14h UNS | **FX90 1110** |
| 5/8" | 1" 14h UNS | **FX90 1112** |

## Hembra 45° con junta Rotalock

45° Female with Rotalock joint

Femelle climatisation 45° Rotalock avec raccord tube 45° "o" compresseur

Femmina a 45° con guarnizione Rotalock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **FX45 1108** |
| 1/2" | 1" 14h UNS | **FX45 1110** |
| 5/8" | 1" 14h UNS | **FX45 1112** |

## Hembra especial 90° con junta Rotalock

90° Special female with Rotalock joint

Femelle climatisation spéciale 90° rotalock avec raccord tube 90° spécial "o" compresseur

Femmina a 90° speciale con guarnizione Rotalock



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **FXA90 1108** |
| 1/2" | 1" 14h UNS | **FXA90 1110** |

## Hembra recta con junta Rotalock y válvula 134

Straight female with Rotalock joint and 134 valve

Femelle droite Rotalock avec joint et vanne pour 134

Femmina diritta con guarnizione Rotalock e valvola 134



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **134 FXRV 1108** |
| 1/2" | 1" 14h UNS | **134 FXRV 1110** |
| 5/8" | 1" 14h UNS | **134 FXRV 1112** |

## Hembra 45° con junta Rotalock y válvula 134

45° Female with Rotalock joint and 134 valve

Femelle 45° Rotalock avec joint et vanne pour 134

Femmina a 45° con guarnizione Rotalock e valvola 134



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **134 FX45V 1108** |
| 1/2" | 1" 14h UNS | **134 FX45V 1110** |

## Hembra 90° con junta Rotalock y válvula 134

90° Female with Rotalock joint and 134 valve

Femelle 90° Rotalock avec joint et vanne pour 134

Femmina a 90° con guarnizione Rotalock e valvola 134



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **134 FX90V 1108** |
| 1/2" | 1" 14h UNS | **134 FX90V 1110** |
| 5/8" | 1" 14h UNS | **134 FX90V 1112** |

## Hembra especial 90° con junta Rotalock y válvula 134

90° special Female with Rotalock joint and 134 valve

Femelle climatisation spéciale 90° Rotalock avec joint et vanne pour 134

Femmina a 90° speciale con guarnizione Rotalock e valvola 134



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **134 FXAV90 1108** |
| 1/2" | 1" 14h UNS | **134 FXAV90 1110** |

## Racor de unión con válvula 134

134 valve coupling

Raccord d'union climatisation avec vanne pour splicer vanne pour 134

Raccordo di unione tubi con valvola 134



| DN | Referencia Part n° |
|---|---|
| 5/16" | **134 URTV 0006** |
| 13/32" | **134 URTV 0008** |
| 1/2" | **134 URTV 0010** |
| 5/8" | **134 URTV 0012** |

## Racor de unión

Hose-hose coupling

Raccord d'union climatisation splicer

Raccordo di unione tubo-tubo



| DN | Referencia Part n° |
|---|---|
| 5/16" | **URT 0006** |
| 13/32" | **URT 0008** |
| 1/2" | **URT 0010** |
| 5/8" | **URT 0012** |

# Racores aire acondicionado

Air conditioning fittings

Raccords climatisation

Raccordi aria condizionata

## Hembra giratoria recta con junta verde

Straight swivel female with green joint

Femelle tournante avec joint vert

Femmina diritta con o'ring verde



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FOR 0606** |
| 13/32" | 3/4" 16h UNF | **FOR 0808** |
| 1/2" | 7/8" 14h UNF | **FOR 1010** |
| 5/8" | 7/8" 14h UNF | **FOR 1012** |
| 5/8" | 1"1/16 12h UNF | **FOR 1212** |

## Hembra giratoria 45° con junta verde

45° swivel female with green joint

Femelle tournante 45° avec joint vert

Femmina a 45° con o'ring verde



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FO45 0606** |
| 13/32" | 3/4" 16h UNF | **FO45 0808** |
| 1/2" | 7/8" 14h UNF | **FO45 1010** |
| 5/8" | 7/8" 14h UNF | **FO45 1012** |
| 5/8" | 1"1/16 12h UNF | **FO45 1212** |

## Hembra giratoria 90° con junta verde

90° swivel female with green joint

Femelle tournante 90° avec joint vert

Femmina a 90° con o'ring verde



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FO90 0606** |
| 13/32" | 3/4" 16h UNF | **FO90 0808** |
| 1/2" | 7/8" 14h UNF | **FO90 1010** |
| 5/8" | 7/8" 14h UNF | **FO90 1012** |
| 5/8" | 1"1/16 12h UNF | **FO90 1212** |

## Hembra giratoria recta con válvula

Straight swivel female with green joint and valve

Femelle tournante avec joint vert et vanne pour 134

Femmina diritta con o'ring verde e valvola 134



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FORV 0606** |
| 13/32" | 3/4" 16h UNF | **FORV 0808** |
| 1/2" | 7/8" 14h UNF | **FORV 1010** |
| 5/8" | 7/8" 14h UNF | **FORV 1012** |
| 5/8" | 1"1/16 12h UNF | **FORV 1212** |

## Hembra giratoria 90° con válvula

90° Swivel female with green joint and valve

Femelle tournante 90° avec joint vert et vanne pour 134

Femmina a 90° con o'ring verde e valvola 134



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FO90V 0606** |
| 13/32" | 3/4" 16h UNF | **FO90V 0808** |
| 1/2" | 7/8" 14h UNF | **FO90V 1010** |
| 5/8" | 7/8" 14h UNF | **FO90V 1012** |
| 5/8" | 1"1/16 12h UNF | **FO90V 1212** |

## Hembra giratoria 45° con válvula

45° Swivel female with green joint and valve

Femelle tournante 45° avec joint vert et vanne pour 134

Femmina a 45° con o'ring verde e valvola 134



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FO45V 0606** |
| 13/32" | 3/4" 16h UNF | **FO45V 0808** |
| 1/2" | 7/8" 14h UNF | **FO45V 1010** |
| 5/8" | 7/8" 14h UNF | **FO45V 1012** |
| 5/8" | 1"1/16 12h UNF | **FO45V 1212** |

## Macho recto con junta tórica

Straight male with green joint

Mâle tournant avec joint vert

Maschio diritto con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **MOR 0606** |
| 13/32" | 3/4" 18h UNF | **MOR 0808** |
| 1/2" | 7/8" 18h UNF | **MOR 1010** |
| 5/8" | 7/8" 18h UNF | **MOR 1012** |
| 5/8" | 1"1/16 16h UNF | **MOR 1212** |

## Macho 45° con junta tórica

45° Male with green joint

Mâle tournant 45° avec joint vert

Maschio a 45° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **MO45 0606** |
| 13/32" | 3/4" 18h UNF | **MO45 0808** |
| 1/2" | 7/8" 18h UNF | **MO45 1010** |
| 5/8" | 7/8" 18h UNF | **MO45 1012** |
| 5/8" | 1"1/16 16h UNF | **MO45 1212** |

# Racores aire acondicionado

Air conditioning fittings

Raccords climatisation

Raccordi aria condizionata

## Macho 90° con junta tórica

90° Male with green joint

Mâle tournant 90° avec joint vert

Maschio a 90° con o'ring



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **MO90 0606** |
| 13/32" | 3/4" 18h UNF | **MO90 0808** |
| 1/2" | 7/8" 18h UNF | **MO90 1010** |
| 5/8" | 7/8" 18h UNF | **MO90 1012** |
| 5/8" | 1"1/16 16h UNF | **MO90 1212** |

## Hembra giratoria recta SAE

Straight swivel female SAE

Femelle tournante SAE droite

Femmina diritta SAE



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FSR 0606** |
| 13/32" | 3/4" 16h UNF | **FSR 0808** |
| 1/2" | 7/8" 14h UNF | **FSR 1010** |

## Codo 90° hembra giratoria SAE

90° Swivel female SAE

Femelle tournante 90° SAE

Femmina a 90° SAE



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FS90 0606** |
| 13/32" | 3/4" 16h UNF | **FS90 0808** |
| 1/2" | 7/8" 14h UNF | **FS90 1010** |

## Codo 45° hembra giratoria SAE

45° Swivel female SAE

Femelle tournante 45° SAE

Femmina a 45° SAE



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 5/16" | 5/8" 18h UNF | **FS45 0606** |
| 13/32" | 3/4" 16h UNF | **FS45 0808** |
| 1/2" | 7/8" 14h UNF | **FS45 1010** |

## Hembra recta con junta Rotalock y válvula

Straight female with Rotalock joint and valve

Femelle droite Rotalock avec joint et vanne pour R12

Femmina diritta con guarnizione Rotalock e valvola



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **FXRV 1108** |
| 1/2" | 1" 14h UNS | **FXRV 1110** |

## Hembra especial 90° con junta Rotalock y válvula

90° Special female with Rotalock joint and valve

Femelle spéciale 90° Rotalock avec joint et vanne pour R12

Femmina a 90° speciale con guarnizione Rotalock e valvola



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **FXAV90 1108** |
| 1/2" | 1" 14h UNS | **FXAV90 1110** |

## Racor de unión con válvula

Union fitting with valve

Raccord union avec vanne pour R14 splicer vanne pour R12

Raccordi de unione con valvola



| DN | Referencia Part n° |
|---|---|
| 5/16" | **URTV 0006** |
| 13/32" | **URTV 0008** |
| 1/2" | **URTV 0010** |

## Hembra 90° con junta Rotalock y válvula

90° Female with Rotalock joint and valve

Femelle 90° Rotalock avec joint et vanne pour R12

Femmina a 90° con guarnizione Rotalock e valvola



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13/32" | 1" 14h UNS | **FX90V 1108** |
| 1/2" | 1" 14h UNS | **FX90V 1110** |

## Junta tórica para racores Freón 134

Joints for air conditioning 134 fittings

Joint torique spécial pour Freon 134

O'ring per raccordi per Freon 134



| DN | Referencia Part n° |
|---|---|
| 5/16" | **7.65X1.78 FREON** |
| 13/32" | **10.82X1.78 FREON** |
| 1/2" | **14X1.78 FREON** |
| 5/8 | **18.77X1.78 FREON** |

# Tubo rígido

*Pipe connectors*
Connectique rigide
*Tubi*

TrAIe®



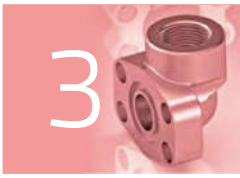
## TUBO RÍGIDO MÉTRICO TRΔLE®
Pipe EN 10305-4 TrΔle®
Tube rigide EN 10305-4 (Métrique) TrΔle®
Tubo rigido EN 10305-4 (metrico) TrΔle®




## RACORES DIN 2353 / RACORES JIC 37°
DIN 2353 Pipe fittings / JIC 37° fittings
Raccords à bague DIN 2353/Raccords JIC 37°
Raccordi ad anello DIN 2353 / Raccordi JIC 37°




## BRIDAS SAE
SAE Flanges
Brides de fixation SAE
Flange SAE




## ABRAZADERAS TRΔLE®
TrΔle® Clamps
Colliers TrΔle®
Collari fissatubo TrΔle®




## MÁQUINAS PARA PROCESAR EL TUBO RÍGIDO
Machines for processing rigid pipes
Machines pour travailler le tube rigide
Macchine per il trattamento del tubo rigido



# Tubo rígido métrico TrΔle®



Pipe EN 10305-4 (Metric) TrΔle®
Tube rigide EN 10305-4 (Métrique) TrΔle®
Tubo rigido EN 10305-4 (metrico) TrΔle®



# 01

## TUBO RÍGIDO TRΔLE®

TrΔle® Pipe

Tube rigide TrΔle®

Tubo rigido TrΔle®



# Tubo rígido métrico TrΔle®

Pipe EN 10305-4 (Metric) TrΔle®
Tube rigide EN 10305-4 (Métrique) TrΔle®
Tubo rigido EN 10305-4 (metrico) TrΔle®





TH0 THZ TH0_3 THZ_3

# Tubo rígido métrico TrΔle®

Pipe EN 10305-4 (Metric) TrΔle®
Tube rigide EN 10305-4 (Métrique) TrΔle®
Tubo rigido EN 10305-4 (metrico) TrΔle®

## Tubo rígido E235 (standard) - 6 mts

Pipe E235 (standard) - 6 mts

Tube rigide E235 (standard) - 6 mts

Tubo rigido E235 (standard) - 6 mts



| Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 6 | 4 | TH0060100* |
| 8 | 6 | TH0080100* |
| 8 | 5 | TH0080150 |
| 10 | 7 | TH0100150 |
| 12 | 9 | TH0120150 |
| 14 | 10 | TH0140200 |
| 15 | 12 | TH0150150 |
| 16 | 12 | TH0160200 |
| 18 | 14 | TH0180200 |
| 20 | 14 | TH0200300 |
| 22 | 18 | TH0220200 |
| 25 | 19 | TH0250300 |
| 28 | 24 | TH0280200 |
| 30 | 24 | TH0300300 |
| 35 | 29 | TH0350300 |
| 42 | 36 | TH0420300 |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Tubo rígido E235 (Cromo III) - 6 mts

Pipe E235 (Chrome III) - 6 mts

Tube rigide E235 (Chrome III) - 6 mts

Tubo rigido E235 (Cromo III) - 6 mts



| Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 6 | 4 | THZ060100 |
| 8 | 6 | THZ080100 |
| 8 | 5 | THZ080150 |
| 10 | 7 | THZ100150 |
| 12 | 9 | THZ120150 |
| 12 | 8 | THZ120200 |
| 14 | 10 | THZ140200 |
| 15 | 12 | THZ150150 |
| 15 | 11 | THZ150200 |
| 16 | 12 | THZ160200 |
| 18 | 15 | THZ180150 |
| 18 | 14 | THZ180200 |
| 20 | 14 | THZ200300 |
| 22 | 18 | THZ220200 |
| 25 | 19 | THZ250300 |
| 28 | 24 | THZ280200 |
| 30 | 22 | THZ300400 |
| 35 | 29 | THZ350300 |
| 38 | 30 | THZ380400 |
| 42 | 36 | THZ420300 |

## Tubo rígido E235 (standard) - 3 mts

Pipe E235 (standard) - 3 mts

Tube rigide E235 (standard) - 3 mts

Tubo rigido E235 (standard) - 3 mts



| Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 6 | 4 | TH0060100-3 |
| 8 | 6 | TH0080100-3 |
| 8 | 5 | TH0080150-3 |
| 10 | 7 | TH0100150-3 |
| 12 | 9 | TH0120150-3 |
| 14 | 10 | TH0140200-3 |
| 15 | 12 | TH0150150-3 |
| 16 | 12 | TH0160200-3 |
| 18 | 14 | TH0180200-3 |
| 20 | 14 | TH0200300-3 |
| 22 | 18 | TH0220200-3 |
| 25 | 19 | TH0250300-3 |
| 28 | 24 | TH0280200-3 |
| 30 | 24 | TH0300300-3 |
| 35 | 29 | TH0350300-3 |
| 42 | 36 | TH0420300-3 |

## Tubo rígido E235 (Cromo III) - 3 mts

Pipe E235 (Chrome III) - 3 mts

Tube rigide E235 (Chrome III) - 3 mts

Tubo rigido E235 (Cromo III) - 3 mts



| Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 6 | 4 | THZ060100-3 |
| 8 | 6 | THZ080100-3 |
| 8 | 5 | THZ080150-3 |
| 10 | 7 | THZ100150-3 |
| 12 | 9 | THZ120150-3 |
| 12 | 8 | THZ120200-3 |
| 14 | 10 | THZ140200-3 |
| 15 | 12 | THZ150150-3 |
| 15 | 11 | THZ150200-3 |
| 16 | 12 | THZ160200-3 |
| 18 | 15 | THZ180150-3 |
| 18 | 14 | THZ180200-3 |
| 20 | 14 | THZ200300-3 |
| 22 | 18 | THZ220200-3 |
| 25 | 19 | THZ250300-3 |
| 28 | 24 | THZ280200-3 |
| 30 | 22 | THZ300400-3 |
| 35 | 29 | THZ350300-3 |
| 38 | 30 | THZ380400-3 |
| 42 | 36 | THZ420300-3 |

**Racores DIN 2353** 222
DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

**Racores JIC 37°** 239
JIC 37° fittings
Raccords JIC 37°
Raccordi JIC 37°



02

# RACORES DIN 2353 / RACORES JIC 37°

Pipe Fittings DIN 2353 / Flare fittings JIC 37°

Raccords DIN 2353 / Adapteurs JIC 37°

Raccordi DIN 2353 / Raccordi JIC 37°

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

Tuercas y anillos ▪ Nuts and cutting rings ▪ Écrou et bagues ▪ Dadi e anelli | 222



Uniones tubo-tubo ▪ Straight couplings ▪ Unions doubles ▪ Raccordi intermedi | 224



Uniones rectas tubo-rosca ▪ Straight male stud couplings ▪ Unions simples mâle ▪ Raccordi di estremitá diritti | 226



Codos tubo-rosca ▪ Male stud elbows ▪ Coudes mâle gaz ▪ Raccordi di estremitá a 90° | 229



Uniones Métricas ▪ Metric unions ▪ Unions Métriques ▪ Raccordi di riduzione (Metrici) | 230



Racores regulables ▪ Adjustable stud couplings ▪ Raccords régulables ▪ Raccordi orientabili | 231



Tubo roscado (hembra giratoria) ▪ Adjustable straight stud ▪ Tube fileté ▪ Raccordi di estremitá per combinazioni | 232



ATL/ATS RAL/RAS-TLM METRICA RAL/RAS-TLM BSP

Soldables ▪ Welding couplings ▪ Raccords à souder ▪ Raccordi a saldare | 233



ASL/ASS ORIS ESVL/ESVS

Pasatabiques ▪ Bulkhead ▪ Passe cloison ▪ Raccordi di attraversamento | 234



SVL/SVS USVL/USVS TP L/S

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

Racor recto hembra ▪ Straight female coupling ▪ Raccord droit femelle ▪ Raccordi diritti con estremitá femmina | 235


GAIL/GAIS BSP


GAIL/GAIS METRICA


MAVL/MAVS BSP


MAFL/MAVS BSP


AM

Orientables ▪ Banjos ▪ Banjos ▪ Raccordi orientabili a occhio | 236


WSVL/WSVS BSP


WSVL/WSVS METRICA


STA WEE

Tapones ▪ Plugs ▪ Bouchons ▪ Tappi | 237


BUTZEN L/S


STA TML/TMS


STOPFEN BSP


STOPFEN METRICA

Válvulas antirretorno ▪ Non-return valves ▪ Clapet antiretour pour tube ▪ Valvole di ritegno | 238


RHDL/RHDS


RHVL/RHVS


RHZL/RHZS

# Racores JIC 37°

JIC 37° fittings
Raccords JIC 37°
Raccordi JIC 37°

Tuercas y férulas JIC 37° ▪ Nuts and Sleeves ▪ Écrous et Férules JIC 37° ▪ Dadi e Bussole JIC 37° | 239




Tapones JIC 37° ▪ JIC 37° Plugs ▪ Bouchons JIC 37° ▪ Tappi JIC 37° | 239




Uniones rectas JIC 37° ▪ JIC 37° Straight union ▪ Unions droites JIC 37° ▪ Adattatori diritti JIC 37° | 240




Uniones macho-hembra JIC 37° ▪ JIC 37° Male-female unions ▪ Unions mâle JIC 37° x femelle JIC 37° ▪ Adattatori maschio-femmina JIC 37° | 242




Codos JIC 37° ▪ JIC 37° Elbows ▪ Coudes JIC 37° ▪ Adattatori a 45° e 90° JIC 37° | 244



Codos Orientables JIC 37° ▪ JIC 37° Elbow ▪ Adapteur orientable coude JIC 37° ▪ Raccordo orientabile | 246




Tes JIC 37° ▪ JIC 37° Tees ▪ Tés JIC 37° ▪ Adattatori a T JIC 37° | 247



Tes orientable JIC 37° ▪ JIC 37° Adjustable Tees ▪ Tés orientables JIC 37° ▪ Adattatori a T orientabili | 248



FLUIDAL, S.L. Pº Ubarburu,79 20.115 Astigarraga (Gipuzkoa) Telf. 943 453 795 - 661 471 123 - www.fluidal.com - fluidal@fluidal.com

# INSTRUCCIONES DE MONTAJE DE RACOR DIN 2353 SOBRE EL TUBO RÍGIDO (SE RECOMIENDA EL USO DE HERRAMIENTAS DE PREMONTAJE)
ASSEMBLY OF THE PIPE FITTINGS DIN 2353 IN THE RIGID PIPE (IT IS RECOMMENDED TO USE PRE-ASSEMBLY TOOLS)

## 1 CORTE Y PREPARACIÓN DEL TUBO
PIPE SAW & PREPARATION



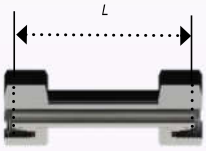

-Fija el tubo a dispositivos rígidos
-Corta el tubo recto y sin rebabas (max. ± 1° de desviación)
-No utilice cortatubos

- Clamp onto rigid fixtures
- Cut tube squarely and deburr thoroughly (max. ± 1° deviation)
-Do not use pipe cutters

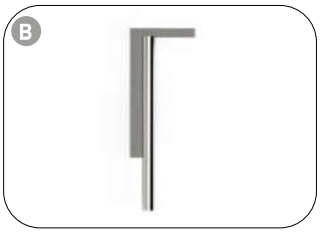
ALTURA MÍNIMA(H RECTA): DOS VECES LA LONGITUD DE LA TUERCA




LONGITUD MÍNIMA(L): 2,5 - 3 VECES LA LONGITUD DE LA TUERCA

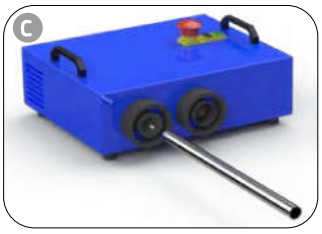



| Series Ø ext. Pipe | LL | | | | L | | | | | | | | | S | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 6 | 8 | 6 | 8 | 10 | 12 | 15 | 18 | 22 | 28 | 35 | 42 | 6 | 8 | 10 | 12 | 14 | 16 | 20 | 25 | 30 | 38 |
| **H min.** | LL | | | | L | | | | | | | | | | S | | | | | | | | | |
| | 24 | 25 | 25 | 26 | 31 | 31 | 33 | 33 | 36 | 38 | 42 | 42 | 48 | 48 | 35 | 35 | 37 | 37 | 43 | 43 | 50 | 54 | 58 | 66 |
| **L min.** | LL | | | | L | | | | | | | | | | S | | | | | | | | | |
| | 30 | 32 | 32 | 33 | 39 | 39 | 42 | 42 | 45 | 48 | 53 | 53 | 60 | 60 | 44 | 44 | 47 | 47 | 54 | 54 | 63 | 68 | 73 | 82 |




- Cortar el tubo a escuadra y eliminar rebabas.

- Rectangulary saw off the pipe and remove all burrs.




-Quita las rebabas interiores y exteriores
-Las rebabas grandes pueden dañar las juntas

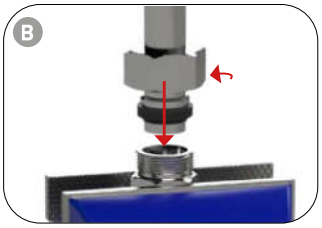
- Remove internal and external burrs
- Seal can be damaged by large burrs

## 2 MONTAJE EN BANCO
ASSEMBLY IN VICE



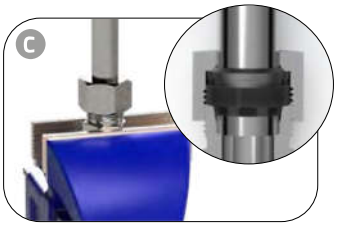

-Utiliza lubricantes específicos (GR ASW120)
-Lubricar las roscas de los racores inox adecuadamente.

- Use properly lubricants (GR ASW120)
- Threads of stainless steel fittings must be lubricated.




-Siga instrucciones de la imagen
-Utilizar el cuerpo del racor una única vez (use herramientas de montaje z vomo)
-Realiza el roscado de forma manual

-Follow picture instructions
- Fitting body may be used one time only (use preassembly tools Z VOMO)
- Screw on nut until finger-tight




- Presione firmemente el final del tubo en el cono de montaje.

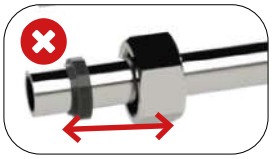
- Press tube-end firmly into the assembly cone.

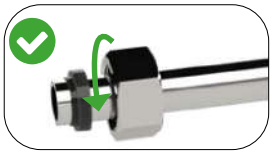



-Apriete hasta notar un fuerte incremento de resistencia (aprox. 1 ó 1,5 vueltas)

-Tighten until sharp increase of resistance (approx. 1 to 1 1/2 turns)

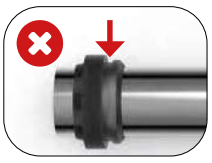
## 3 COMPROBACIÓN DEL MONTAJE - CONTROL
ASSEMBLY CHECK – CONTROL

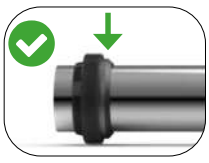




CONTROL ZACJ2/ACJ2: COMPROBAR EL ESPACIO ENTRE EL ANILLO DE ESTANQUEIDAD Y EL DE RETENCIÓN

ZACJ2/ACJ2 CONTROL: GAP BETWEEN SEALING RING AND RETAINING RING MUST BE CHECKED

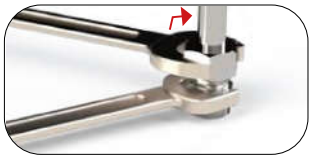




## 4 MONTAJE FINAL: INSTALACIÓN DEL SISTEMA DE TUBO
FINAL ASSEMBLY: INSTALLATION OF THE TUBE SYSTEM



- Repetir paso 2.A
- Repeat step 2. A



Monta el racor hasta que quede apretado usando la llave. Apriete fuertemente el racor 1 ó 1,5 vueltas, en giros de 60°-90°.

Assemble fitting until wrench-tight. Then tighten fitting firmly by min. 1/6 (max. 1/4) turns (1 1/2 flats)

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

## Tuerca Métrica DIN 3870

Nuts DIN 3870

Écrou Métrique DIN 3870

Dadi Metrici DIN 3870



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 4 | LL | M8x1 | **MLL 4 M 8X1** |
| 6 | LL | M10x1 | **MLL 6 M 10X1** |
| 8 | LL | M12x1 | **MLL 8 M 12X1** |
| 6 | L | M12x1,5 | **ML 6 M 12X1.5** |
| 8 | L | M14x1,5 | **ML 8 M 14X1.5** |
| 10 | L | M16x1,5 | **ML 10 M 16X1.5** |
| 12 | L | M18x1,5 | **ML 12 M 18X1.5** |
| 15 | L | M22x1,5 | **ML 15 M 22X1.5** |
| 18 | L | M26x1,5 | **ML 18 M 26X1.5** |
| 22 | L | M30x2 | **ML 22 M 30X2** |
| 28 | L | M36x2 | **ML 28 M 36X2** |
| 35 | L | M45x2 | **ML 35 M 45X2** |
| 42 | L | M52x2 | **ML 42 M 52X2** |
| 6 | S | M14x1,5 | **MS 6 M 14X1.5** |
| 8 | S | M16x1,5 | **MS 8 M 16X1.5** |
| 10 | S | M18x1,5 | **MS 10 M 18X1.5** |
| 12 | S | M20x1,5 | **MS 12 M 20X1.5** |
| 14 | S | M22x1,5 | **MS 14 M 22X1.5** |
| 16 | S | M24x1,5 | **MS 16 M 24X1.5** |
| 20 | S | M30x2 | **MS 20 M 30X2** |
| 25 | S | M36x2 | **MS 25 M 36X2** |
| 30 | S | M42x2 | **MS 30 M 42X2** |
| 38 | S | M52x2 | **MS 38 M 52X2** |

## Anillos de corte DIN 3861

Cutting rings DIN 3861

Bague Métrique DIN 3861

Anelli DIN 3861



| TUBO PIPE | SERIE SERIES | Referencia Part n° |
|---|---|---|
| 4 | LL | **ACLL 4** |
| 6 | LL | **ACLL 6** |
| 8 | LL | **ACLL 8** |
| 6 | L/S | **ACL 6** |
| 8 | L/S | **ACL 8** |
| 10 | L/S | **ACL 10** |
| 12 | L/S | **ACL 12** |
| 15 | L | **ACL 15** |
| 18 | L | **ACL 18** |
| 22 | L | **ACL 22** |
| 28 | L | **ACL 28** |
| 35 | L | **ACL 35** |
| 42 | L | **ACL 42** |
| 14 | S | **ACS 14** |
| 16 | S | **ACS 16** |
| 20 | S | **ACS 20** |
| 25 | S | **ACS 25** |
| 30 | S | **ACS 30** |
| 38 | S | **ACS 38** |

## Anillos de corte con junta plana + tórica

Cutting ring with captive seal & o´ring

Bague Métrique avec écrou + o´ring

Anello tagliente con guarnizione piana + O-ring



| TUBO PIPE | SERIE SERIES | Referencia Part n° |
|---|---|---|
| 6 | L | **ACJL 6** |
| 8 | L | **ACJL 8** |
| 10 | L | **ACJL 10** |
| 12 | L | **ACJL 12** |
| 15 | L | **ACJL 15** |
| 18 | L | **ACJL 18** |
| 22 | L | **ACJL 22** |
| 28 | L | **ACJL 28** |
| 35 | L | **ACJL 35** |
| 42 | L | **ACJL 42** |
| 6 | S | **ACJS 6** |
| 8 | S | **ACJS 8** |
| 10 | S | **ACJS 10** |
| 12 | S | **ACJS 12** |
| 14 | S | **ACJS 14** |
| 16 | S | **ACJS 16** |
| 20 | S | **ACJS 20** |
| 25 | S | **ACJS 25** |
| 30 | S | **ACJS 30** |
| 38 | S | **ACJS 38** |

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353



## Anillos de corte con junta ACJ2

NEW

Cutting ring with captive seal & o´ring ACJ2

Bague Métrique avec écrou + o´ring ACJ2

Anello tagliente con guarnizione piana + O-ring ACJ2



| TUBO PIPE | SERIE SERIES | Referencia Part n° |
|---|---|---|
| 6 | L | **ACJ2L 6** |
| 8 | L | **ACJ2L 8** |
| 10 | L | **ACJ2L 10** |
| 12 | L | **ACJ2L 12** |
| 15 | L | **ACJ2L 15** |
| 18 | L | **ACJ2L 18** |
| 22 | L | **ACJ2L 22** |
| 28 | L | **ACJ2L 28** |
| 35 | L | **ACJ2L 35** |
| 42 | L | **ACJ2L 42** |
| 6 | S | **ACJ2S 6** |
| 8 | S | **ACJ2S 8** |
| 10 | S | **ACJ2S 10** |
| 12 | S | **ACJ2S 12** |
| 14 | S | **ACJ2S 14** |
| 16 | S | **ACJ2S 16** |
| 20 | S | **ACJ2S 20** |
| 25 | S | **ACJ2S 25** |
| 30 | S | **ACJ2S 30** |
| 38 | S | **ACJ2S 38** |

## Tuerca equipada ACJ2

NEW

ACJ2 Equipped Nut

Écrou équipé ACJ2

Dado con O'ring ACJ2



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | L | M12x1,5 | **MJ2L 6** |
| 8 | L | M14x1,5 | **MJ2L 8** |
| 10 | L | M16x1,5 | **MJ2L 10** |
| 12 | L | M18x1,5 | **MJ2L 12** |
| 15 | L | M22x1,5 | **MJ2L 15** |
| 18 | L | M26x1,5 | **MJ2L 18** |
| 22 | L | M30x2 | **MJ2L 22** |
| 28 | L | M36x2 | **MJ2L 28** |
| 35 | L | M45x2 | **MJ2L 35** |
| 42 | L | M52x2 | **MJ2L 42** |
| 6 | S | M14x1,5 | **MJ2S 6** |
| 8 | S | M16x1,5 | **MJ2S 8** |
| 10 | S | M18x1,5 | **MJ2S 10** |
| 12 | S | M20x1,5 | **MJ2S 12** |
| 14 | S | M22x1,5 | **MJ2S 14** |
| 16 | S | M24x1,5 | **MJ2S 16** |
| 20 | S | M30x2 | **MJ2S 20** |
| 25 | S | M36x2 | **MJ2S 25** |
| 30 | S | M42x2 | **MJ2S 30** |
| 38 | S | M52x2 | **MJ2S 38** |

**PREVENTS LEAKS IN EQUIPMENT SUBJECT TO HIGH VIBRATIONS**

**EVITA FUGAS EN EQUIPAMIENTOS SOMETIDOS A ALTAS VIBRACIONES**



# ACJ2



- **‡ Pressure rating up to 800 bar (PN)**
- **‡ Reduction of tightening torques up to 25%**
- **‡ Easier assembly**
- **‡ Simple handling through functional nut**

‡ Hasta una presión nominal (PN) de 800 bar
‡ Reducción de los pares de apriete en hasta 25%
‡ Un montaje aún más sencillo
‡ Sencillo manejo mediante tuerca funcional

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

## Unión recta tubo-tubo

Straight coupling (pipe-pipe)

Union droite (tuyau-tuyau)

Raccordo intermedio diritto (tubo-tubo)



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 4 | LL | DLL 4 | STA DLL 4 |
| 6 | LL | DLL 6 | STA DLL 6 |
| 8 | LL | DLL 8 | STA DLL 8 |
| 6 | L | DL 6 | STA DL 6 |
| 8 | L | DL 8 | STA DL 8 |
| 10 | L | DL 10 | STA DL 10 |
| 12 | L | DL 12 | STA DL 12 |
| 15 | L | DL 15 | STA DL 15 |
| 18 | L | DL 18 | STA DL 18 |
| 22 | L | DL 22 | STA DL 22 |
| 28 | L | DL 28 | STA DL 28 |
| 35 | L | DL 35 | STA DL 35 |
| 42 | L | DL 42 | STA DL 42 |
| 6 | S | DS 6 | STA DS 6 |
| 8 | S | DS 8 | STA DS 8 |
| 10 | S | DS 10 | STA DS 10 |
| 12 | S | DS 12 | STA DS 12 |
| 14 | S | DS 14 | STA DS 14 |
| 16 | S | DS 16 | STA DS 16 |
| 20 | S | DS 20 | STA DS 20 |
| 25 | S | DS 25 | STA DS 25 |
| 30 | S | DS 30 | STA DS 30 |
| 38 | S | DS 38 | STA DS 38 |

## Unión recta en reducción tubo-tubo

Straight reducing coupling (pipe-pipe)

Union double en réduction (tuyau-tuyau)

Raccordo intermedio di riduzione (tubo-tubo)



| TUBO PIPE | TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 8 | 6 | L | DL 8-6 | STA DL 8-6 |
| 10 | 6 | L | DL 10-6 | STA DL 10-6 |
| 10 | 8 | L | DL 10-8 | STA DL 10-8 |
| 12 | 8 | L | DL 12-8 | STA DL 12-8 |
| 12 | 10 | L | DL 12-10 | STA DL 12-10 |
| 15 | 10 | L | DL 15-10 | STA DL 15-10 |
| 15 | 12 | L | DL 15-12 | STA DL 15-12 |
| 18 | 12 | L | DL 18-12 | STA DL 18-12 |
| 18 | 15 | L | DL 18-15 | STA DL 18-15 |
| 22 | 15 | L | DL 22-15 | STA DL 22-15 |
| 22 | 18 | L | DL 22-18 | STA DL 22-18 |
| 28 | 22 | L | DL 28-22 | STA DL 28-22 |
| 35 | 22 | L | DL 35-22 | STA DL 35-22 |
| 35 | 28 | L | DL 35-28 | STA DL 35-28 |
| 8 | 6 | S | DS 8-6 | STA DS 8-6 |
| 10 | 6 | S | DS 10-6 | STA DS 10-6 |
| 10 | 8 | S | DS 10-8 | STA DS 10-8 |
| 12 | 6 | S | DS 12-6 | STA DS 12-6 |
| 12 | 8 | S | DS 12-8 | STA DS 12-8 |
| 12 | 10 | S | DS 12-10 | STA DS 12-10 |
| 14 | 10 | S | DS 14-10 | STA DS 14-10 |
| 14 | 12 | S | DS 14-12 | STA DS 14-12 |
| 16 | 12 | S | DS 16-12 | STA DS 16-12 |
| 16 | 14 | S | DS 16-14 | STA DS 16-14 |
| 20 | 12 | S | DS 20-12 | STA DS 20-12 |
| 20 | 16 | S | DS 20-16 | STA DS 20-16 |
| 25 | 16 | S | DS 25-16 | STA DS 25-16 |
| 25 | 20 | S | DS 25-20 | STA DS 25-20 |
| 30 | 20 | S | DS 30-20 | STA DS 30-20 |
| 30 | 25 | S | DS 30-25 | STA DS 30-25 |
| 38 | 30 | S | DS 38-30 | STA DS 38-30 |

# Racores DIN 2353

DIN 2353 Pipe fittings

Raccords à bague DIN 2353



## Unión en codo tubo-tubo

Equal elbow coupling (pipe-pipe)

Union en coude égal (tuyau-tuyau)

Raccordo intermedio a 90° (tubo-tubo)



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 4 | LL | ELL 4 | STA ELL 4 |
| 6 | LL | ELL 6 | STA ELL 6 |
| 8 | LL | ELL 8 | STA ELL 8 |
| 6 | L | EL 6 | STA EL 6 |
| 8 | L | EL 8 | STA EL 8 |
| 10 | L | EL 10 | STA EL 10 |
| 12 | L | EL 12 | STA EL 12 |
| 15 | L | EL 15 | STA EL 15 |
| 18 | L | EL 18 | STA EL 18 |
| 22 | L | EL 22 | STA EL 22 |
| 28 | L | EL 28 | STA EL 28 |
| 35 | L | EL 35 | STA EL 35 |
| 42 | L | EL 42 | STA EL 42 |
| 6 | S | ES 6 | STA ES 6 |
| 8 | S | ES 8 | STA ES 8 |
| 10 | S | ES 10 | STA ES 10 |
| 12 | S | ES 12 | STA ES 12 |
| 14 | S | ES 14 | STA ES 14 |
| 16 | S | ES 16 | STA ES 16 |
| 20 | S | ES 20 | STA ES 20 |
| 25 | S | ES 25 | STA ES 25 |
| 30 | S | ES 30 | STA ES 30 |
| 38 | S | ES 38 | STA ES 38 |

## Unión en te tubo-tubo

Equal Tee union (pipe-pipe-pipe)

Union en Té égal (tuyau-tuyau)

Raccordo intermedio a T (tubo-tubo)



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 4 | LL | TLL 4 | STA TLL 4 |
| 6 | LL | TLL 6 | STA TLL 6 |
| 8 | LL | TLL 8 | STA TLL 8 |
| 6 | L | TL 6 | STA TL 6 |
| 8 | L | TL 8 | STA TL 8 |
| 10 | L | TL 10 | STA TL 10 |
| 12 | L | TL 12 | STA TL 12 |
| 15 | L | TL 15 | STA TL 15 |
| 18 | L | TL 18 | STA TL 18 |
| 22 | L | TL 22 | STA TL 22 |
| 28 | L | TL 28 | STA TL 28 |
| 35 | L | TL 35 | STA TL 35 |
| 42 | L | TL 42 | STA TL 42 |
| 6 | S | TS 6 | STA TS 6 |
| 8 | S | TS 8 | STA TS 8 |
| 10 | S | TS 10 | STA TS 10 |
| 12 | S | TS 12 | STA TS 12 |
| 14 | S | TS 14 | STA TS 14 |
| 16 | S | TS 16 | STA TS 16 |
| 20 | S | TS 20 | STA TS 20 |
| 25 | S | TS 25 | STA TS 25 |
| 30 | S | TS 30 | STA TS 30 |
| 38 | S | TS 38 | STA TS 38 |

## Unión en cruz tubo-tubo

Equal cross union (pipe-pipe-pipe-pipe)

Union en croix égale (tuyau-tuyau)

Raccordo intermedio a croce (tubo-tubo)



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 6 | L | KVL 6 | STA KVL 6 |
| 8 | L | KVL 8 | STA KVL 8 |
| 10 | L | KVL 10 | STA KVL 10 |
| 12 | L | KVL 12 | STA KVL 12 |
| 15 | L | KVL 15 | STA KVL 15 |
| 18 | L | KVL 18 | STA KVL 18 |
| 22 | L | KVL 22 | STA KVL 22 |
| 28 | L | KVL 28 | STA KVL 28 |
| 35 | L | KVL 35 | STA KVL 35 |
| 42 | L | KVL 42 | STA KVL 42 |
| 6 | S | KVS 6 | STA KVS 6 |
| 8 | S | KVS 8 | STA KVS 8 |
| 10 | S | KVS 10 | STA KVS 10 |
| 12 | S | KVS 12 | STA KVS 12 |
| 14 | S | KVS 14 | STA KVS 14 |
| 16 | S | KVS 16 | STA KVS 16 |
| 20 | S | KVS 20 | STA KVS 20 |
| 25 | S | KVS 25 | STA KVS 25 |
| 30 | S | KVS 30 | STA KVS 30 |
| 38 | S | KVS 38 | STA KVS 38 |

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

## Racor recto rosca cónica BSPT

Straight male stud coupling BSPT tapered

Union simple mâle conique

Raccordo di estremitá diritto conico BSPT



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 4 | LL | 1/8" BSPT | **AKLL 4 R 1/8** | **STA AKLL 4 R 1/8** |
| 6 | LL | 1/8" BSPT | **AKLL 6 R 1/8** | **STA AKLL 6 R 1/8** |
| 8 | LL | 1/8" BSPT | **AKLL 8 R 1/8** | **STA AKLL 8 R 1/8** |
| 8 | LL | 1/4" BSPT | **AKLL 8 R 1/4** | **STA AKLL 8 R 1/4** |
| 6 | L | 1/8" BSPT | **AKL 6 R 1/8** | **STA AKL 6 R 1/8** |
| 6 | L | 1/4" BSPT | **AKL 6 R 1/4** | **STA AKL 6 R 1/4** |
| 8 | L | 1/4" BSPT | **AKL 8 R 1/4** | **STA AKL 8 R 1/4** |
| 10 | L | 1/4" BSPT | **AKL 10 R 1/4** | **STA AKL 10 R 1/4** |
| 10 | L | 3/8" BSPT | **AKL 10 R 3/8** | **STA AKL 10 R 3/8** |
| 12 | L | 1/4" BSPT | **AKL 12 R 1/4** | **STA AKL 12 R 1/4** |
| 12 | L | 3/8" BSPT | **AKL 12 R 3/8** | **STA AKL 12 R 3/8** |
| 12 | L | 1/2" BSPT | **AKL 12 R 1/2** | **STA AKL 12 R 1/2** |
| 15 | L | 3/8" BSPT | **AKL 15 R 3/8** | **STA AKL 15 R 3/8** |
| 15 | L | 1/2" BSPT | **AKL 15 R 1/2** | **STA AKL 15 R 1/2** |
| 18 | L | 1/2" BSPT | **AKL 18 R 1/2** | **STA AKL 18 R 1/2** |
| 22 | L | 3/4" BSPT | **AKL 22 R 3/4** | **STA AKL 22 R 3/4** |
| 6 | S | 1/4" BSPT | **AKS 6 R 1/4** | **STA AKS 6 R 1/4** |
| 8 | S | 1/4" BSPT | **AKS 8 R 1/4** | **STA AKS 8 R 1/4** |
| 10 | S | 3/8" BSPT | **AKS 10 R 3/8** | **STA AKS 10 R 3/8** |
| 12 | S | 3/8" BSPT | **AKS 12 R 3/8** | **STA AKS 12 R 3/8** |
| 16 | S | 1/2" BSPT | **AKS 16 R 1/2** | **STA AKS 16 R 1/2** |
| 20 | S | 3/4" BSPT | **AKS 20 R 3/4** | **STA AKS 20 R 3/4** |

## Racor recto rosca cilíndrica BSP 60°

Straight male stud coupling BSP cyl. 60°

Union simple mâle gaz cylindrique 60°

Raccordo di estremitá diritto BSP cono 60°



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° | € |
|---|---|---|---|---|---|
| 6 | L | 1/8" BSP | **AL 6 RC 1/8** | **STA AL 6 RC 1/8** | |
| 6 | L | 1/4" BSP | **AL 6 RC 1/4** | **STA AL 6 RC 1/4** | |
| 6 | L | 1/2" BSP | **AL 6 RC 1/2** | **STA AL 6 RC 1/2** | |
| 6 | L | 3/8" BSP | **AL 6 RC 3/8** | **STA AL 6 RC 3/8** | |
| 8 | L | 1/8" BSP | **AL 8 RC 1/8** | **STA AL 8 RC 1/8** | |
| 8 | L | 1/4" BSP | **AL 8 RC 1/4** | **STA AL 8 RC 1/4** | |
| 8 | L | 3/8" BSP | **AL 8 RC 3/8** | **STA AL 8 RC 3/8** | |
| 8 | L | 1/2" BSP | **AL 8 RC 1/2** | **STA AL 8 RC 1/2** | |
| 10 | L | 1/8" BSP | **AL 10 RC 1/8** | **STA AL 10 RC 1/8** | |
| 10 | L | 1/4" BSP | **AL 10 RC 1/4** | **STA AL 10 RC 1/4** | |
| 10 | L | 3/8" BSP | **AL 10 RC 3/8** | **STA AL 10 RC 3/8** | |
| 10 | L | 1/2" BSP | **AL 10 RC 1/2** | **STA AL 10 RC 1/2** | |
| 12 | L | 1/4" BSP | **AL 12 RC 1/4** | **STA AL 12 RC 1/4** | |
| 12 | L | 3/8" BSP | **AL 12 RC 3/8** | **STA AL 12 RC 3/8** | |
| 12 | L | 1/2" BSP | **AL 12 RC 1/2** | **STA AL 12 RC 1/2** | |
| 12 | L | 3/4" BSP | **AL 12 RC 3/4** | **STA AL 12 RC 3/4** | |
| 15 | L | 3/8" BSP | **AL 15 RC 3/8** | **STA AL 15 RC 3/8** | |
| 15 | L | 1/2" BSP | **AL 15 RC 1/2** | **STA AL 15 RC 1/2** | |
| 15 | L | 3/4" BSP | **AL 15 RC 3/4** | **STA AL 15 RC 3/4** | |
| 18 | L | 3/8" BSP | **AL 18 RC 3/8** | **STA AL 18 RC 3/8** | |
| 18 | L | 1/2" BSP | **AL 18 RC 1/2** | **STA AL 18 RC 1/2** | |
| 18 | L | 3/4" BSP | **AL 18 RC 3/4** | **STA AL 18 RC 3/4** | |
| 22 | L | 1/2" BSP | **AL 22 RC 1/2** | **STA AL 22 RC 1/2** | |
| 22 | L | 3/4" BSP | **AL 22 RC 3/4** | **STA AL 22 RC 3/4** | |
| 22 | L | 1" BSP | **AL 22 RC 1** | **STA AL 22 RC 1** | |
| 28 | L | 3/4" BSP | **AL 28 RC 3/4** | **STA AL 28 RC 3/4** | |
| 28 | L | 1" BSP | **AL 28 RC 1** | **STA AL 28 RC 1** | |
| 35 | L | 1" BSP | **AL 35 RC 1** | **STA AL 35 RC 1** | |
| 35 | L | 1" 1/4 BSP | **AL 35 RC 1 1/4** | **STA AL 35 RC 1 1/4** | |
| 42 | L | 1" 1/2 BSP | **AL 42 RC 1 1/2** | **STA AL 42 RC 1 1/2** | |
| 6 | S | 1/4" BSP | **AS 6 RC 1/4** | **STA AS 6 RC 1/4** | |
| 8 | S | 1/4" BSP | **AS 8 RC 1/4** | **STA AS 8 RC 1/4** | |
| 8 | S | 3/8" BSP | **AS 8 RC 3/8** | **STA AS 8 RC 3/8** | |
| 10 | S | 1/4" BSP | **AS 10 RC 1/4** | **STA AS 10 RC 1/4** | |
| 10 | S | 3/8" BSP | **AS 10 RC 3/8** | **STA AS 10 RC 3/8** | |
| 10 | S | 1/2" BSP | **AS 10 RC 1/2** | **STA AS 10 RC 1/2** | |
| 12 | S | 1/4" BSP | **AS 12 RC 1/4** | **STA AS 12 RC 1/4** | |
| 12 | S | 3/8" BSP | **AS 12 RC 3/8** | **STA AS 12 RC 3/8** | |
| 12 | S | 1/2" BSP | **AS 12 RC 1/2** | **STA AS 12 RC 1/2** | |
| 14 | S | 3/8" BSP | **AS 14 RC 3/8** | **STA AS 14 RC 3/8** | |
| 14 | S | 1/2" BSP | **AS 14 RC 1/2** | **STA AS 14 RC 1/2** | |
| 16 | S | 3/8" BSP | **AS 16 RC 3/8** | **STA AS 16 RC 3/8** | |
| 16 | S | 1/2" BSP | **AS 16 RC 1/2** | **STA AS 16 RC 1/2** | |
| 16 | S | 3/4" BSP | **AS 16 RC 3/4** | **STA AS 16 RC 3/4** | |
| 20 | S | 1/2" BSP | **AS 20 RC 1/2** | **STA AS 20 RC 1/2** | |
| 20 | S | 3/4" BSP | **AS 20 RC 3/4** | **STA AS 20 RC 3/4** | |
| 25 | S | 3/4" BSP | **AS 25 RC 3/4** | **STA AS 25 RC 3/4** | |
| 25 | S | 1" BSP | **AS 25 RC 1** | **STA AS 25 RC 1** | |
| 30 | S | 1" BSP | **AS 30 RC 1** | **STA AS 30 RC 1** | |
| 30 | S | 1" 1/4 BSP | **AS 30 RC 1 1/4** | **STA AS 30 RC 1 1/4** | |
| 38 | S | 1" 1/4 BSP | **AS 38 RC 1 1/4** | **STA AS 38 RC 1 1/4** | |
| 38 | S | 1" 1/2 BSP | **AS 38 RC 1 1/2** | **STA AS 38 RC 1 1/2** | |

TrAle®

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353



## Racor recto rosca cilíndrica BSP con junta

Straight male stud coupling with captive seal BSP cyl

Union simple mâle gaz cyl avec joint plat

Raccordo di estremitá diritto BSP con guarnizione



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part nº | Referencia Part nº |
|---|---|---|---|---|
| 6 | L | 1/8" BSP | AL 6 R 1/8 WD | STA AL 6 R 1/8 WD |
| 6 | L | 1/4" BSP | AL 6 R 1/4 WD | STA AL 6 R 1/4 WD |
| 6 | L | 3/8" BSP | AL 6 R 3/8 WD | STA AL 6 R 3/8 WD |
| 8 | L | 1/8" BSP | AL 8 R 1/8 WD | STA AL 8 R 1/8 WD |
| 8 | L | 1/4" BSP | AL 8 R 1/4 WD | STA AL 8 R 1/4 WD |
| 8 | L | 3/8" BSP | AL 8 R 3/8 WD | STA AL 8 R 3/8 WD |
| 8 | L | 1/2" BSP | AL 8 R 1/2 WD | STA AL 8 R 1/2 WD |
| 10 | L | 1/8" BSP | AL 10 R 1/8 WD | STA AL 10 R 1/8 WD |
| 10 | L | 1/4" BSP | AL 10 R 1/4 WD | STA AL 10 R 1/4 WD |
| 10 | L | 3/8" BSP | AL 10 R 3/8 WD | STA AL 10 R 3/8 WD |
| 10 | L | 1/2" BSP | AL 10 R 1/2 WD | STA AL 10 R 1/2 WD |
| 12 | L | 1/4" BSP | AL 12 R 1/4 WD | STA AL 12 R 1/4 WD |
| 12 | L | 3/8" BSP | AL 12 R 3/8 WD | STA AL 12 R 3/8 WD |
| 12 | L | 1/2" BSP | AL 12 R 1/2 WD | STA AL 12 R 1/2 WD |
| 12 | L | 3/4" BSP | AL 12 R 3/4 WD | STA AL 12 R 3/4 WD |
| 15 | L | 3/8" BSP | AL 15 R 3/8 WD | STA AL 15 R 3/8 WD |
| 15 | L | 1/2" BSP | AL 15 R 1/2 WD | STA AL 15 R 1/2 WD |
| 15 | L | 3/4" BSP | AL 15 R 3/4 WD | STA AL 15 R 3/4 WD |
| 18 | L | 3/8" BSP | AL 18 R 3/8 WD | STA AL 18 R 3/8 WD |
| 18 | L | 1/2" BSP | AL 18 R 1/2 WD | STA AL 18 R 1/2 WD |
| 18 | L | 3/4" BSP | AL 18 R 3/4 WD | STA AL 18 R 3/4 WD |
| 22 | L | 1/2" BSP | AL 22 R 1/2 WD | STA AL 22 R 1/2 WD |
| 22 | L | 3/4" BSP | AL 22 R 3/4 WD | STA AL 22 R 3/4 WD |
| 22 | L | 1" BSP | AL 22 R 1 WD | STA AL 22 R 1 WD |
| 28 | L | 3/4" BSP | AL 28 R 3/4 WD | STA AL 28 R 3/4 WD |
| 28 | L | 1" BSP | AL 28 R 1 WD | STA AL 28 R 1 WD |
| 35 | L | 1" 1/4 BSP | AL 35 R 1 1/4 WD | STA AL 35 R 1 1/4 WD |
| 42 | L | 1"1/2 BSP | AL 42 R 1 1/2 WD | STA AL 42 R 1 1/2 WD |
| 6 | S | 1/4" BSP | AS 6 R 1/4 WD | STA AS 6 R 1/4 WD |
| 8 | S | 1/4" BSP | AS 8 R 1/4 WD | STA AS 8 R 1/4 WD |
| 8 | S | 3/8" BSP | AS 8 R 3/8 WD | STA AS 8 R 3/8 WD |
| 10 | S | 1/4" BSP | AS 10 R 1/4 WD | STA AS 10 R 1/4 WD |
| 10 | S | 3/8" BSP | AS 10 R 3/8 WD | STA AS 10 R 3/8 WD |
| 10 | S | 1/2" BSP | AS 10 R 1/2 WD | STA AS 10 R 1/2 WD |
| 12 | S | 1/4" BSP | AS 12 R 1/4 WD | STA AS 12 R 1/4 WD |
| 12 | S | 3/8" BSP | AS 12 R 3/8 WD | STA AS 12 R 3/8 WD |
| 12 | S | 1/2" BSP | AS 12 R 1/2 WD | STA AS 12 R 1/2 WD |
| 14 | S | 3/8" BSP | AS 14 R 3/8 WD | STA AS 14 R 3/8 WD |
| 14 | S | 1/2" BSP | AS 14 R 1/2 WD | STA AS 14 R 1/2 WD |
| 16 | S | 3/8" BSP | AS 16 R 3/8 WD | STA AS 16 R 3/8 WD |
| 16 | S | 1/2" BSP | AS 16 R 1/2 WD | STA AS 16 R 1/2 WD |
| 16 | S | 3/4" BSP | AS 16 R 3/4 WD | STA AS 16 R 3/4 WD |
| 20 | S | 1/2" BSP | AS 20 R 1/2 WD | STA AS 20 R 1/2 WD |
| 20 | S | 3/4" BSP | AS 20 R 3/4 WD | STA AS 20 R 3/4 WD |
| 25 | S | 3/4" BSP | AS 25 R 3/4 WD | STA AS 25 R 3/4 WD |
| 25 | S | 1" BSP | AS 25 R 1 WD | STA AS 25 R 1 WD |
| 30 | S | 1" BSP | AS 30 R 1 WD | STA AS 30 R 1 WD |
| 30 | S | 1"1/4 BSP | AS 30 R 1 1/4 WD | STA AS 30 R 1 1/4 WD |
| 38 | S | 1" 1/4 BSP | AS 38 R 1 1/4 WD | STA AS 38 R 1 1/4 WD |
| 38 | S | 1"1/2 BSP | AS 38 R 1 1/2 WD | STA AS 38 R 1 1/2 WD |

## Racor recto rosca cónica NPT

Straight male stud coupling NPT

Union simple mâle NPT

Raccordo di estremitá diritto conico NPT



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part nº | Referencia Part nº |
|---|---|---|---|---|
| 6 | LL | 1/8" NPT | AKLL 6 1/8 NPT | STA AKLL 6 1/8 NPT |
| 8 | LL | 1/8" NPT | AKLL 8 1/8 NPT | STA AKLL 8 1/8 NPT |
| 6 | L | 1/8" NPT | AKL 6 1/8 NPT | STA AKL 6 1/8 NPT |
| 6 | L | 1/4" NPT | AKL 6 1/4 NPT | STA AKL 6 1/4 NPT |
| 8 | L | 1/4" NPT | AKL 8 1/4 NPT | STA AKL 8 1/4 NPT |
| 10 | L | 1/4" NPT | AKL 10 1/4 NPT | STA AKL 10 1/4 NPT |
| 10 | L | 3/8" NPT | AKL 10 3/8 NPT | STA AKL 10 3/8 NPT |
| 12 | L | 1/4" NPT | AKL 12 1/4 NPT | STA AKL 12 1/4 NPT |
| 12 | L | 3/8" NPT | AKL 12 3/8 NPT | STA AKL 12 3/8 NPT |
| 12 | L | 1/2" NPT | AKL 12 1/2 NPT | STA AKL 12 1/2 NPT |
| 15 | L | 1/2" NPT | AKL 15 1/2 NPT | STA AKL 15 1/2 NPT |
| 18 | L | 1/2" NPT | AKL 18 1/2 NPT | STA AKL 18 1/2 NPT |
| 22 | L | 3/4" NPT | AKL 22 3/4 NPT | STA AKL 22 3/4 NPT |
| 28 | L | 1" NPT | AKL 28 1 NPT | STA AKL 28 1 NPT |
| 35 | L | 1"1/4 NPT | AKL 35 1 1/4 NPT | STA AKL 35 1 1/4 NPT |
| 42 | L | 1"1/2 NPT | AKL 42 1 1/2 NPT | STA AKL 42 1 1/2 NPT |
| 6 | S | 1/4" NPT | AKS 6 1/4 NPT | STA AKS 6 1/4 NPT |
| 8 | S | 1/4" NPT | AKS 8 1/4 NPT | STA AKS 8 1/4 NPT |
| 10 | S | 1/4" NPT | AKS 10 1/4 NPT | STA AKS 10 1/4 NPT |
| 10 | S | 3/8" NPT | AKS 10 3/8 NPT | STA AKS 10 3/8 NPT |
| 12 | S | 3/8" NPT | AKS 12 3/8 NPT | STA AKS 12 3/8 NPT |
| 12 | S | 1/2" NPT | AKS 12 1/2 NPT | STA AKS 12 1/2 NPT |
| 14 | S | 1/2" NPT | AKS 14 1/2 NPT | STA AKS 14 1/2 NPT |
| 16 | S | 1/2" NPT | AKS 16 1/2 NPT | STA AKS 16 1/2 NPT |
| 20 | S | 3/4" NPT | AKS 20 3/4 NPT | STA AKS 20 3/4 NPT |
| 25 | S | 1" NPT | AKS 25 1 NPT | STA AKS 25 1 NPT |
| 30 | S | 1"1/4 NPT | AKS 30 1 1/4 NPT | STA AKS 30 1 1/4 NPT |
| 38 | S | 1"1/2 NPT | AKS 38 1 1/2 NPT | STA AKS 38 1 1/2 NPT |

## Racor recto rosca cilíndrica UNF

Straight male stud coupling UNF

Union simple mâle UNF

Raccordo di estremitá diritto UNF



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part nº | Referencia Part nº |
|---|---|---|---|---|
| 10 | L | 7/16" UNF | AL 10 7/16 UNF* | STA AL 10 7/16 UNF |
| 12 | L | 3/4" UNF | AL 12 3/4 UNF | STA AL 12 3/4 UNF |
| 12 | L | 7/8" UNF | AL 12 7/8 UNF | STA AL 12 7/8 UNF |
| 15 | L | 3/4" UNF | AL 15 3/4 UNF | STA AL 15 3/4 UNF |
| 18 | L | 3/4" UNF | AL 18 3/4 UNF* | STA AL 18 3/4 UNF |
| 18 | L | 7/8" UNF | AL 18 7/8 UNF | STA AL 18 7/8 UNF |
| 22 | L | 7/8" UNF | AL 22 7/8 UNF* | STA AL 22 7/8 UNF |
| 22 | L | 1" 1/16 UNF | AL 22 1 1/16 UN | STA AL 22 1 1/16 UNF |
| 22 | L | 1" 5/16 UNF | AL 22 1 5/16 UN | STA AL 22 1 5/16 UNF |
| 28 | L | 1"1/16 UNF | AL 28 1 1/16 UN | STA AL 28 1 1/16 UNF |
| 28 | L | 1" 5/16 UNF | AL 28 1 5/16 UN | STA AL 28 1 5/16 UNF |
| 35 | L | 1" 5/16 UNF | AL 35 1 5/16 UN | STA AL 35 1 5/16 UNF |
| 35 | L | 1" 5/8 UNF | AL 35 1 5/8 UNF | STA AL 35 1 5/8 UNF |
| 8 | S | 7/16" UNF | AS 8 7/16 UNF* | STA AS 8 7/16 UNF |
| 10 | S | 9/16" UNF | AS 10 9/16 UNF | STA AS 10 9/16 UNF |
| 12 | S | 9/16" UNF | AS 12 9/16 UNF | STA AS 12 9/16 UNF |
| 20 | S | 3/4" UNF | AS 20 3/4 UNF | STA AS 20 3/4 UNF |
| 20 | S | 7/8" UNF | AS 20 7/8 UNF | STA AS 20 7/8 UNF |
| 20 | S | 1" 1/16 UNF | AS 20 1 1/16 UN | STA AS 20 1 1/16 UNF |
| 25 | S | 1" 5/16 UNF | AS 25 1 5/16 UNF | STA AS 25 1 5/16 UNF |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fi / *Fino ad esaurimento*

***Consultar** / On request**/ Sur demande** / Su richiesta

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

## Racor recto rosca cilíndrica Métrica con junta

Straight male stud coupling with captive seal Metrical cyl

Union simple mâle Métrique cyl + joint plat

Raccordo di estremità diritto metrico con guarnizione



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | M10x1 | **AL 6 M 10X1 WD** | **STA AL 6 M 10X1 WD** |
| 8 | L | M12x1,5 | **AL 8 M 12X1.5 WD** | **STA AL 8 M 12X1.5 WD** |
| 10 | L | M14x1,5 | **AL 10 M 14X1.5 WD** | **STA AL 10 M 14X1.5 WD** |
| 10 | L | M16x1,5 | **AL 10 M 16X1.5 WD** | **STA AL 10 M 16X1.5 WD** |
| 10 | L | M18x1,5 | **AL 10 M 18X1.5 WD** | **STA AL 10 M 18X1.5 WD** |
| 10 | L | M22x1,5 | **AL 10 M 22X1.5 WD** | **STA AL 10 M 22X1.5 WD** |
| 12 | L | M16x1,5 | **AL 12 M 16X1.5 WD** | **STA AL 12 M 16X1.5 WD** |
| 12 | L | M22x1,5 | **AL 12 M 22X1.5 WD** | **STA AL 12 M 22X1.5 WD** |
| 15 | L | M18x1,5 | **AL 15 M 18X1.5 WD** | **STA AL 15 M 18X1.5 WD** |
| 15 | L | M22x1,5 | **AL 15 M 22X1.5 WD** | **STA AL 15 M 22X1.5 WD** |
| 18 | L | M18x1,5 | **AL 18 M 18X1.5 WD** | **STA AL 18 M 18X1.5 WD** |
| 18 | L | M22x1,5 | **AL 18 M 22X1.5 WD** | **STA AL 18 M 22X1.5 WD** |
| 22 | L | M26x1,5 | **AL 22 M 26X1.5 WD** | **STA AL 22 M 26X1.5 WD** |
| 28 | L | M33x2 | **AL 28 M 33X2 WD** | **STA AL 28 M 33X2 WD** |
| 35 | L | M42x2 | **AL 35 M 42X2 WD** | **STA AL 35 M 42X2 WD** |
| 42 | L | M48x2 | **AL 42 M 48X2 WD** | **STA AL 42 M 48X2 WD** |
| 6 | S | M12x1,5 | **AS 6 M 12X1.5 WD** | **STA AS 6 M 12X1.5 WD** |
| 8 | S | M14x1,5 | **AS 8 M 14X1.5 WD** | **STA AS 8 M 14X1.5 WD** |
| 10 | S | M16x1,5 | **AS 10 M 16X1.5 WD** | **STA AS 10 M 16X1.5 WD** |
| 12 | S | M18x1,5 | **AS 12 M 18X1.5 WD** | **STA AS 12 M 18X1.5 WD** |
| 14 | S | M20x1,5 | **AS 14 M 20X1.5 WD** | **STA AS 14 M 20X1.5 WD** |
| 16 | S | M22x1,5 | **AS 16 M 22X1.5 WD** | **STA AS 16 M 22X1.5 WD** |
| 25 | S | M33x2 | **AS 25 M 33X2 WD** | **STA AS 25 M 33X2 WD** |
| 30 | S | M42x2 | **AS 30 M 42X2 WD** | **STA AS 30 M 42X2 WD** |
| 38 | S | M48x2 | **AS 38 M 48X2 WD** | **STA AS 38 M 48X2 WD** |

## Racor recto rosca cónica Métrica

Straight male stud coupling metrical tapered

Union simple mâle métrique type A

Raccordo di estremità diritto metrico conico



| TUBO PIPE | ROSCA THREAD | SERIE SERIES | Referencia Part n° | € | Referencia Part n° |
|---|---|---|---|---|---|
| 4 | M 8x1 | LL | **AKLL 4 M 8X1** | | **STA AKLL 4 M 8X1** |
| 6 | M 10x1 | LL | **AKLL 6 M 10X1** | | **STA AKLL 6 M 10X1** |
| 8 | M 10x1 | LL | **AKLL 8 M 10X1** | | **STA AKLL 8 M 10X1** |

## Reducción con rosca M-HF BSP con junta

Male-female reducing adaptor BSP cyl with captive seal

Réduction mâle gaz-femelle gaz avec joint plat

Riduzione filettata maschio con guarnizione - femmina fissa BSP



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/8"BSP | 1/4"BSP | **RI-R 1/8 R 1/4WD** |
| 1/8"BSP | 3/8"BSP | **RI-R 1/8 R 3/8WD** |
| 1/4"BSP | 1/8"BSP | **RI-R 1/4 R 1/8WD** |
| 1/4"BSP | 3/8"BSP | **RI-R 1/4 R 3/8WD** |
| 1/4"BSP | 1/2"BSP | **RI-R 1/4 R 1/2 WD** |
| 1/4"BSP | 3/4"BSP | **RI-R 1/4 R 3/4 WD** |
| 3/8"BSP | 1/8"BSP | **RI-R 3/8 R 1/8WD** |
| 3/8"BSP | 1/4"BSP | **RI-R 3/8 R 1/4 WD** |
| 3/8"BSP | 1/2"BSP | **RI-R 3/8 R 1/2WD** |
| 3/8"BSP | 3/4"BSP | **RI-R 3/8 R 3/4WD** |
| 1/2" BSP | 1/8"BSP | **RI-R 1/2 R 1/8WD** |
| 1/2" BSP | 1/4"BSP | **RI-R 1/2 R 1/4WD** |
| 1/2" BSP | 3/8"BSP | **RI-R 1/2 R 3/8WD** |
| 1/2" BSP | 3/4"BSP | **RI-R 1/2 R 3/4WD** |
| 1/2" BSP | 1"BSP | **RI-R 1/2 R 1WD** |
| 1/2" BSP | 1"1/4 BSP | **RI-R 1/2 R 1 1/4WD** |
| 3/4"BSP | 1/4"BSP | **RI-R 3/4 R 1/4WD** |
| 3/4"BSP | 3/8"BSP | **RI-R 3/4 R 3/8WD** |
| 3/4"BSP | 1/2"BSP | **RI-R 3/4 R 1/2WD** |
| 3/4"BSP | 1"BSP | **RI-R 3/4 R 1WD** |
| 3/4"BSP | 1"1/4 BSP | **RI-R 3/4 R 1 1/4WD** |
| 3/4"BSP | 1"1/2 BSP | **RI-R 3/4 R 1 1/2WD** |
| 1"BSP | 1/4"BSP | **RI-R 1 R 1/4WD** |
| 1"BSP | 3/8"BSP | **RI-R 1 R 3/8WD** |
| 1"BSP | 1/2"BSP | **RI-R 1 R 1/2WD** |
| 1"BSP | 3/4"BSP | **RI-R 1 R 3/4WD** |
| 1"BSP | 1"1/4BSP | **RI-R 1 R 1 1/4WD** |
| 1"BSP | 1"1/2 BSP | **RI-R 1 R 1 1/2WD** |
| 1"1/4 BSP | 1/2"BSP | **RI-R 1 1/4 R 1/2WD** |
| 1"1/4 BSP | 3/4"BSP | **RI-R 1 1/4 R 3/4WD** |
| 1"1/4 BSP | 1"BSP | **RI-R 1 1/4 R 1WD** |
| 1"1/4 BSP | 1"1/2 BSP | **RI-R 1 1/4 R 1 1/2WD** |
| 1"1/2 BSP | 1/2"BSP | **RI-R 1 1/2 R 1/2WD** |
| 1"1/2 BSP | 3/4"BSP | **RI-R 1 1/2 R 3/4WD** |
| 1"1/2 BSP | 1" BSP | **RI-R 1 1/2 R 1WD** |
| 1"1/2 BSP | 1"1/4 BSP | **RI-R 1 1/2 R 1 1/4WD** |

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353



## Racor en codo rosca cónica BSPT

Male stud elbow BSPT conical

Union coude mâle conique BSPT

Raccordo di estremità 90° maschio conico BSPT



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 4 | LL | 1/8" BSPT | CKLL 4 R 1/8 | STA CKLL 4 R 1/8 |
| 6 | LL | 1/8" BSPT | CKLL 6 R 1/8 | STA CKLL 6 R 1/8 |
| 8 | LL | 1/8" BSPT | CKLL 8 R 1/8 | STA CKLL 8 R 1/8 |
| 6 | L | 1/8" BSPT | CKL 6 R 1/8 | STA CKL 6 R 1/8 |
| 6 | L | 1/4" BSPT | CKL 6 R 1/4 | STA CKL 6 R 1/4 |
| 8 | L | 1/8" BSPT | CKL 8 R 1/8 | STA CKL 8 R 1/8 |
| 8 | L | 1/4" BSPT | CKL 8 R 1/4 | STA CKL 8 R 1/4 |
| 8 | L | 3/8" BSPT | CKL 8 R 3/8 | STA CKL 8 R 3/8 |
| 10 | L | 1/4" BSPT | CKL 10 R 1/4 | STA CKL 10 R 1/4 |
| 10 | L | 3/8" BSPT | CKL 10 R 3/8 | STA CKL 10 R 3/8 |
| 10 | L | 1/2" BSPT | CKL 10 R 1/2 | STA CKL 10 R 1/2 |
| 12 | L | 1/4" BSPT | CKL 12 R 1/4 | STA CKL 12 R 1/4 |
| 12 | L | 3/8" BSPT | CKL 12 R 3/8 | STA CKL 12 R 3/8 |
| 12 | L | 1/2" BSPT | CKL 12 R 1/2 | STA CKL 12 R 1/2 |
| 15 | L | 3/8" BSPT | CKL 15 R 3/8 | STA CKL 15 R 3/8 |
| 15 | L | 1/2" BSPT | CKL 15 R 1/2 | STA CKL 15 R 1/2 |
| 18 | L | 1/2" BSPT | CKL 18 R 1/2 | STA CKL 18 R 1/2 |
| 22 | L | 3/4" BSPT | CKL 22 R 3/4 | STA CKL 22 R 3/4 |
| 28 | L | 1" BSPT | CKL 28 R 1 | STA CKL 28 R 1 |
| 35 | L | 1"1/4 BSPT | CKL 35 R 1 1/4 | STA CKL 35 R 1 1/4 |
| 42 | L | 1"1/2 BSPT | CKL 42 R 1 1/2 | STA CKL 42 R 1 1/2 |
| 6 | S | 1/4" BSPT | CKS 6 R 1/4 | STA CKS 6 R 1/4 |
| 8 | S | 1/4" BSPT | CKS 8 R 1/4 | STA CKS 8 R 1/4 |
| 10 | S | 3/8" BSPT | CKS 10 R 3/8 | STA CKS 10 R 3/8 |
| 12 | S | 3/8" BSPT | CKS 12 R 3/8 | STA CKS 12 R 3/8 |
| 12 | S | 1/2" BSPT | CKS 12 R 1/2 | STA CKS 12 R 1/2 |
| 14 | S | 1/2" BSPT | CKS 14 R 1/2 | STA CKS 14 R 1/2 |
| 16 | S | 1/2" BSPT | CKS 16 R 1/2 | STA CKS 16 R 1/2 |
| 20 | S | 3/4" BSPT | CKS 20 R 3/4 | STA CKS 20 R 3/4 |
| 25 | S | 1" BSPT | CKS 25 R 1 | STA CKS 25 R 1 |
| 30 | S | 1"1/4 BSPT | CKS 30 R 1 1/4 | STA CKS 30 R 1 1/4 |
| 38 | S | 1"1/2 BSPT | CKS 38 R 1 1/2 | STA CKS 38 R 1 1/2 |

## Racor en codo rosca cónica Métrica

Male stud elbow Metrical conical

Union coude mâle conique Métrique

Raccordo di estremità 90° maschio conico metrico



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 4 | LL | M8x1 | CKLL 4 M 8X1 | STA CKLL 4 M 8X1 |
| 6 | LL | M10x1 | CKLL 6 M 10X1 | STA CKLL 6 M 10X1 |
| 8 | LL | M10x1 | CKLL 8 M 10X1 | STA CKLL 8 M 10X1 |
| 6 | L | M10x1 | CKL 6 M 10X1 | STA CKL 6 M 10X1 |
| 8 | L | M12x1,5 | CKL 8 M 12X1.5 | STA CKL 8 M 12X1.5 |
| 10 | L | M14x1,5 | CKL 10 M 14X1.5 | STA CKL 10M 14X1.5 |
| 12 | L | M16x1,5 | CKL 12 M 16X1.5 | STA CKL 12 M 16X1.5 |
| 15 | L | M18x1,5 | CKL 15 M 18X1.5 | STA CKL 15 M 18X1.5 |
| 6 | S | M12x1,5 | CKS 6 M 12X1.5 | STA CKS 6 M 12X1.5 |
| 8 | S | M14x1,5 | CKS 8 M 14X1.5 | STA CKS 8 M 14X1.5 |
| 10 | S | M16x1,5 | CKS 10 M 16X1.5 | STA CKS 10 M 16X1.5 |
| 14 | S | M20x1,5 | CKS 14 M 20X1.5 | STA CKS 14 M 20X1.5 |
| 16 | S | M22x1,5 | CKS 16 M 22X1.5 | STA CKS 16 M 22X1.5 |

## Racor en codo rosca cónica NPT

Male stud elbow NPTconical

Union coude mâle gaz conique NPT

Raccordo di estremità 90° maschio conico NPT



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | LL | 1/8" NPT | CKLL 6 1/8 NPT | STA CKLL 6 1/8 NPT |
| 6 | L | 1/8" NPT | CKL 6 1/8 NPT | STA CKL 6 1/8 NPT |
| 6 | L | 1/4" NPT | CKL 6 1/4 NPT | STA CKL 6 1/4 NPT |
| 8 | L | 1/4" NPT | CKL 8 1/4 NPT | STA CKL 8 1/4 NPT |
| 10 | L | 1/4" NPT | CKL 10 1/4 NPT | STA CKL 10 1/4 NPT |
| 12 | L | 1/4" NPT | CKL 12 1/4 NPT | STA CKL 12 1/4 NPT |
| 12 | L | 3/8" NPT | CKL 12 3/8 NPT | STA CKL 12 3/8 NPT |
| 12 | L | 1/2" NPT | CKL 12 1/2 NPT | STA CKL 12 1/2 NPT |
| 15 | L | 1/2" NPT | CKL 15 1/2 NPT | STA CKL 15 1/2 NPT |
| 18 | L | 1/2" NPT | CKL 18 1/2 NPT | STA CKL 18 1/2 NPT |
| 22 | L | 3/4" NPT | CKL 22 3/4 NPT | STA CKL 22 3/4 NPT |
| 28 | L | 1" NPT | CKL 28 1 NPT | STA CKL 28 1 NPT |
| 35 | L | 1 1/4" NPT | CKL 35 1 1/4 NPT | STA CKL 35 1 1/4 NPT |
| 42 | L | 1 1/2" NPT | CKL 42 1 1/2 NPT | STA CKL 42 1 1/2 NPT |
| 6 | S | 1/4" NPT | CKS 6 1/4 NPT | STA CKS 6 1/4 NPT |
| 8 | S | 1/4" NPT | CKS 8 1/4 NPT | STA CKS 8 1/4 NPT |
| 10 | S | 3/8" NPT | CKS 10 3/8 NPT | STA CKS 10 3/8 NPT |
| 12 | S | 3/8" NPT | CKS 12 3/8 NPT | STA CKS 12 3/8 NPT |
| 14 | S | 1/2" NPT | CKS 14 1/2 NPT | STA CKS 14 1/2 NPT |
| 16 | S | 1/2" NPT | CKS 16 1/2 NPT | STA CKS 16 1/2 NPT |
| 20 | S | 3/4" NPT | CKS 20 3/4 NPT | STA CKS 20 3/4 NPT |
| 25 | S | 1" NPT | CKS 25 1 NPT | STA CKS 25 1 NPT |
| 30 | S | 1 1/4" NPT | CKS 30 1 1/4 NPT | STA CKS 30 1 1/4 NPT |
| 38 | S | 1 1/2" NPT | CKS 38 1 1/2 NPT | STA CKS 38 1 1/2 NPT |

*Consultar / On request/ Sur demande / Su richiesta

# Racores DIN 2353

DIN 2353 Pipe fittings

Raccords à bague DIN 2353

Raccordi ad anello DIN 2353

TrAle®

## Racor de reducción TL Métrica (serie ligera)

Standpipe reducer swivel femelle (light series)

Union simple femelle tournante Métrique (L)

Raccordo di riduzione dado pre-montato + O'ring - serie L



| TUBO PIPE | TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 8 | 6 | L | KORL 8-6TLM | STA KORL 8-6TLM |
| 10 | 6 | L | KORL 10-6TLM | STA KORL 10-6 TLM |
| 10 | 8 | L | KORL 10-8 TLM | STA KORL 10-8 TLM |
| 12 | 6 | L | KORL 12-6TLM | STA KORL 12-6 TLM |
| 12 | 8 | L | KORL 12-8TLM | STA KORL 12-8 TLM |
| 12 | 10 | L | KORL 12-10TLM | STA KORL 12-10 TLM |
| 15 | 6 | L | KORL 15-6TLM | STA KORL 15-6 TLM |
| 15 | 8 | L | KORL 15-8TLM | STA KORL 15-8 TLM |
| 15 | 10 | L | KORL 15-10TLM | STA KORL 15-10 TLM |
| 15 | 12 | L | KORL 15-12TLM | STA KORL 15-12 TLM |
| 18 | 6 | L | KORL 18-6TLM | STA KORL 18-6 TLM |
| 18 | 8 | L | KORL 18-8TLM | STA KORL 18-8 TLM |
| 18 | 10 | L | KORL 18-10TLM | STA KORL 18-10 TLM |
| 18 | 12 | L | KORL 18-12TLM | STA KORL 18-12 TLM |
| 18 | 15 | L | KORL 18-15TLM | STA KORL 18-15 TLM |
| 22 | 10 | L | KORL 22-10TLM | STA KORL 22-10 TLM |
| 22 | 12 | L | KORL 22-12TLM | STA KORL 22-12 TLM |
| 22 | 15 | L | KORL 22-15TLM | STA KORL 22-15 TLM |
| 22 | 18 | L | KORL 22-18TLM | STA KORL 22-18 TLM |
| 28 | 6 | L | KORL 28-6TLM* | STA KORL 28-6 TLM |
| 28 | 12 | L | KORL 28-12TLM | STA KORL 28-12 TLM |
| 28 | 15 | L | KORL 28-15TLM | STA KORL 28-15 TLM |
| 28 | 18 | L | KORL 28-18TLM | STA KORL 28-18 TLM |
| 28 | 22 | L | KORL 28-22TLM | STA KORL 28-22 TLM |
| 35 | 15 | L | KORL 35-15TLM | STA KORL 35-15 TLM |
| 35 | 18 | L | KORL 35-18TLM | STA KORL 35-18 TLM |
| 35 | 22 | L | KORL 35-22TLM | STA KORL 35-22 TLM |
| 35 | 28 | L | KORL 35-28TLM | STA KORL 35-28 TLM |
| 42 | 18 | L | KORL 42-18TLM | STA KORL 42-18 TLM |
| 42 | 22 | L | KORL 42-22TLM | STA KORL 42-22 TLM |
| 42 | 28 | L | KORL 42-28TLM | STA KORL 42-28 TLM |
| 42 | 35 | L | KORL 42-35TLM | STA KORL 42-35 TLM |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´ ock / *Fino ad esaurimento*

## Racor de reducción TL Métrica (serie pesada)

Standpipe reducer swivel femelle (heavy series)

Union simple femelle tournante Métrique (S)

Raccordo di riduzione dado pre-montato + O'ring - serie S



| TUBO PIPE | TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | 8 | S | KORS 8-6TLM | STA KORS 8-6 TLM |
| 6 | 10 | S | KORS 10-6TLM | STA KORS 10-6 TLM |
| 8 | 10 | S | KORS 10-8TLM | STA KORS 10-8 TLM |
| 6 | 12 | S | KORS 12-6TLM | STA KORS 12-6 TLM |
| 8 | 12 | S | KORS 12-8TLM | STA KORS 12-8 TLM |
| 10 | 12 | S | KORS 12-10TLM | STA KORS 12-10 TLM |
| 6 | 14 | S | KORS 14-6TLM | STA KORS 14-6 TLM |
| 8 | 14 | S | KORS 14-8TLM | STA KORS 14-8 TLM |
| 10 | 14 | S | KORS 14-10TLM | STA KORS 14-10 TLM |
| 12 | 14 | S | KORS 14-12TLM | STA KORS 14-12 TLM |
| 8 | 16 | S | KORS 16-8TLM | STA KORS 16-8 TLM |
| 10 | 16 | S | KORS 16-10TLM | STA KORS 16-10 TLM |
| 12 | 16 | S | KORS 16-12TLM | STA KORS 16-12 TLM |
| 14 | 16 | S | KORS 16-14TLM | STA KORS 16-14 TLM |
| 6 | 20 | S | KORS 20-6TLM | STA KORS 20-6 TLM |
| 8 | 20 | S | KORS 20-8TLM | STA KORS 20-8 TLM |
| 10 | 20 | S | KORS 20-10TLM | STA KORS 20-10 TLM |
| 12 | 20 | S | KORS 20-12TLM | STA KORS 20-12 TLM |
| 14 | 20 | S | KORS 20-14TLM | STA KORS 20-14 TLM |
| 16 | 20 | S | KORS 20-16TLM | STA KORS 20-16 TLM |
| 6 | 25 | S | KORS 25-6TLM | STA KORS 25-6 TLM |
| 8 | 25 | S | KORS 25-8TLM | STA KORS 25-8 TLM |
| 10 | 25 | S | KORS 25-10TLM | STA KORS 25-10 TLM |
| 12 | 25 | S | KORS 25-12TLM | STA KORS 25-12 TLM |
| 14 | 25 | S | KORS 25-14TLM | STA KORS 25-14 TLM |
| 16 | 25 | S | KORS 25-16TLM | STA KORS 25-16 TLM |
| 20 | 25 | S | KORS 25-20TLM | STA KORS 25-20 TLM |
| 12 | 30 | S | KORS 30-12TLM* | STA KORS 30-12 TLM |
| 16 | 30 | S | KORS 30-16TLM | STA KORS 30-16 TLM |
| 20 | 30 | S | KORS 30-20TLM | STA KORS 30-20 TLM |
| 25 | 30 | S | KORS 30-25TLM | STA KORS 30-25 TLM |
| 16 | 38 | S | KORS 38-16TLM* | STA KORS 38-16 TLM |
| 20 | 38 | S | KORS 38-20TLM | STA KORS 38-20 TLM |
| 25 | 38 | S | KORS 38-25TLM | STA KORS 38-25 TLM |
| 30 | 38 | S | KORS 38-30TLM | STA KORS 38-30 TLM |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à / *Fino ad esaurimento*



***Consultar** / On request / **Sur demande** / Su richiesta

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353



## Racor en codo tubo-TL Métrica

Adjustable stud elbow with o'ring

Coude orientable Métrique + o'ring

Raccordo orientabile a 90° con o'ring



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | M12x1,5 | **EEL 6 TLM** | **STA EEL 6 TLM** |
| 8 | L | M14x1,5 | **EEL 8 TLM** | **STA EEL 8 TLM** |
| 10 | L | M16x1,5 | **EEL 10 TLM** | **STA EEL 10 TLM** |
| 12 | L | M18x1,5 | **EEL 12 TLM** | **STA EEL 12 TLM** |
| 15 | L | M22x1,5 | **EEL 15 TLM** | **STA EEL 15 TLM** |
| 18 | L | M26x1,5 | **EEL 18 TLM** | **STA EEL 18 TLM** |
| 22 | L | M30x2 | **EEL 22 TLM** | **STA EEL 22 TLM** |
| 28 | L | M36x2 | **EEL 28 TLM** | **STA EEL 28 TLM** |
| 35 | L | M45x2 | **EEL 35 TLM** | **STA EEL 35 TLM** |
| 42 | L | M52x2 | **EEL 42 TLM** | **STA EEL 42 TLM** |
| 6 | S | M14x1,5 | **EES 6 TLM** | **STA EES 6 TLM** |
| 8 | S | M16x1,5 | **EES 8 TLM** | **STA EES 8 TLM** |
| 10 | S | M18x1,5 | **EES 10 TLM** | **STA EES 10 TLM** |
| 12 | S | M20x1,5 | **EES 12 TLM** | **STA EES 12 TLM** |
| 14 | S | M22x1,5 | **EES 14 TLM** | **STA EES 14 TLM** |
| 16 | S | M24x1,5 | **EES 16 TLM** | **STA EES 16 TLM** |
| 20 | S | M30x2 | **EES 20 TLM** | **STA EES 20 TLM** |
| 25 | S | M36x2 | **EES 25 TLM** | **STA EES 25 TLM** |
| 30 | S | M42x2 | **EES 30 TLM** | **STA EES 30 TLM** |
| 38 | S | M52x2 | **EES 38 TLM** | **STA EES 38 TLM** |

## Racor en codo 45 tubo-TL Métrica

Adjustable stud 45 elbow with o'ring

Coude 45 orientable Métrique + o'ring

Raccordo orientabile a 45° con o'ring



| TUBO PIPE | SERIE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | L | M12X1.5 | **STA FEL 6 TLM** |
| 8 | L | M14X1.5 | **STA FEL 8 TLM** |
| 10 | L | M16X1.5 | **STA FEL 10 TLM** |
| 12 | L | M18X1.5 | **STA FEL 12 TLM** |
| 15 | L | M22X1.5 | **STA FEL 15 TLM** |
| 18 | L | M26X1.5 | **STA FEL 18 TLM** |
| 22 | L | M30X2 | **STA FEL 22 TLM** |
| 28 | L | M36X2 | **STA FEL 28 TLM** |
| 35 | L | M45X2 | **STA FEL 35 TLM** |
| 42 | L | M52X2 | **STA FEL 42 TLM** |
| 6 | S | M14X1.5 | **STA FES 6 TLM** |
| 8 | S | M16X1.5 | **STA FES 8 TLM** |
| 10 | S | M18X1.5 | **STA FES 10 TLM** |
| 12 | S | M20X1.5 | **STA FES 12 TLM** |
| 14 | S | M22X1.5 | **STA FES 14 TLM** |
| 16 | S | M24X1.5 | **STA FES 16 TLM** |
| 20 | S | M30X2 | **STA FES 20 TLM** |
| 25 | S | M36X2 | **STA FES 25 TLM** |
| 30 | S | M42X2 | **STA FES 30 TLM** |
| 38 | S | M52X2 | **STA FES 38 TLM** |

## Racor en T tubo-TL Métrica

Adjustable stud branch TEE with o'ring

Té Orientable Métrique + o'ring

Raccordo a T orientabile centrale



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | € | Referencia Part n° |
|---|---|---|---|---|---|
| 6 | L | M12x1,5 | **TEL 6 TLM** | | **STA TEL 6 TLM** |
| 8 | L | M14x1,5 | **TEL 8 TLM** | | **STA TEL 8 TLM** |
| 10 | L | M16x1,5 | **TEL 10 TLM** | | **STA TEL 10 TLM** |
| 12 | L | M18x1,5 | **TEL 12 TLM** | | **STA TEL 12 TLM** |
| 15 | L | M22x1,5 | **TEL 15 TLM** | | **STA TEL 15 TLM** |
| 18 | L | M26x1,5 | **TEL 18 TLM** | | **STA TEL 18 TLM** |
| 22 | L | M30x2 | **TEL 22 TLM** | | **STA TEL 22 TLM** |
| 28 | L | M36x2 | **TEL 28 TLM** | | **STA TEL 28 TLM** |
| 35 | L | M45x2 | **TEL 35 TLM** | | **STA TEL 35 TLM** |
| 42 | L | M52x2 | **TEL 42 TLM** | | **STA TEL 42 TLM** |
| 6 | S | M14x1,5 | **TES 6 TLM** | | **STA TES 6 TLM** |
| 8 | S | M16x1,5 | **TES 8 TLM** | | **STA TES 8 TLM** |
| 10 | S | M18x1,5 | **TES 10 TLM** | | **STA TES 10 TLM** |
| 12 | S | M20x1,5 | **TES 12 TLM** | | **STA TES 12 TLM** |
| 14 | S | M22x1,5 | **TES 14 TLM** | | **STA TES 14 TLM** |
| 16 | S | M24x1,5 | **TES 16 TLM** | | **STA TES 16 TLM** |
| 20 | S | M30x2 | **TES 20 TLM** | | **STA TES 20 TLM** |
| 25 | S | M36x2 | **TES 25 TLM** | | **STA TES 25 TLM** |
| 30 | S | M42x2 | **TES 30 TLM** | | **STA TES 30 TLM** |
| 38 | S | M52x2 | **TES 38 TLM** | | **STA TES 38 TLM** |

## Racor en L tubo-TL Métrica

Adjustable stud barrel L with o'ring

L Orientable renversé Métrique + o'ring

Raccordo a T orientabile laterale



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | € | Referencia Part n° |
|---|---|---|---|---|---|
| 6 | L | M12x1,5 | **LEL 6 TLM** | | **STA LEL 6 TLM** |
| 8 | L | M14x1,5 | **LEL 8 TLM** | | **STA LEL 8 TLM** |
| 10 | L | M16x1,5 | **LEL 10 TLM** | | **STA LEL 10 TLM** |
| 12 | L | M18x1,5 | **LEL 12 TLM** | | **STA LEL 12 TLM** |
| 15 | L | M22x1,5 | **LEL 15 TLM** | | **STA LEL 15 TLM** |
| 18 | L | M26x1,5 | **LEL 18 TLM** | | **STA LEL 18 TLM** |
| 22 | L | M30x2 | **LEL 22 TLM** | | **STA LEL 22 TLM** |
| 28 | L | M36x2 | **LEL 28 TLM** | | **STA LEL 28 TLM** |
| 35 | L | M45x2 | **LEL 35 TLM** | | **STA LEL 35 TLM** |
| 42 | L | M52x2 | **LEL 42 TLM** | | **STA LEL 42 TLM** |
| 6 | S | M14x1,5 | **LES 6 TLM** | | **STA LES 6 TLM** |
| 8 | S | M16x1,5 | **LES 8 TLM** | | **STA LES 8 TLM** |
| 10 | S | M18x1,5 | **LES 10 TLM** | | **STA LES 10 TLM** |
| 12 | S | M20x1,5 | **LES 12 TLM** | | **STA LES 12 TLM** |
| 14 | S | M22x1,5 | **LES 14 TLM** | | **STA LES 14 TLM** |
| 16 | S | M24x1,5 | **LES 16 TLM** | | **STA LES 16 TLM** |
| 20 | S | M30x2 | **LES 20 TLM** | | **STA LES 20 TLM** |
| 25 | S | M36x2 | **LES 25 TLM** | | **STA LES 25 TLM** |
| 30 | S | M42x2 | **LES 30 TLM** | | **STA LES 30 TLM** |
| 38 | S | M52x2 | **LES 38 TLM** | | **STA LES 38 TLM** |

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353

## Racor unión TL-TL Métrica

Straight connection with o'ring

Union tournante Métrique égale

Diritto intermedio con dado girevole e O'ring



| TUBO PIPE | SERIE SERIES | Referencia Part n° |
|---|---|---|
| 6 | L | **ATL 6** |
| 8 | L | **ATL 8** |
| 10 | L | **ATL 10** |
| 12 | L | **ATL 12** |
| 15 | L | **ATL 15** |
| 18 | L | **ATL 18** |
| 22 | L | **ATL 22** |
| 28 | L | **ATL 28** |
| 35 | L | **ATL 35** |
| 42 | L | **ATL 42** |
| 6 | S | **ATS 6** |
| 8 | S | **ATS 8** |
| 10 | S | **ATS 10** |
| 12 | S | **ATS 12** |
| 14 | S | **ATS 14** |
| 16 | S | **ATS 16** |
| 20 | S | **ATS 20** |
| 25 | S | **ATS 25** |
| 30 | S | **ATS 30** |
| 38 | S | **ATS 38** |

## Tubo roscado recto métrico TLM con junta

Straight stud metric standpipe adpt.w/captive seal-o'ring Met. cyl

Adapteur tube lisse x mâle met.a/écrou Met.+o'ring

Adattatore diritto metrico con dado girevole e guarnizione piana



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | L | M10X1 | **RAL 6 TLM M 10X1** |
| 8 | L | M12X1.5 | **RAL 8 TLM M 12X1.5** |
| 8 | L | 14X1,5 | **RAL 8 TLM M 14X1.5*** |
| 10 | L | M14X1.5 | **RAL 10 TLM M 14X1.5** |
| 12 | L | M16X1.5 | **RAL 12 TLM M 16X1.5** |
| 15 | L | M18X1.5 | **RAL 15 TLM M 18X1.5** |
| 18 | L | M22X1.5 | **RAL 18 TLM M 22X1.5** |
| 22 | L | M26X1.5 | **RAL 22 TLM M 26X1.5** |
| 28 | L | M33X2 | **RAL 28 TLM M 33X2** |
| 35 | L | M42X2 | **RAL 35 TLM M 42X2** |
| 42 | L | M48X2 | **RAL 42 TLM M 48X2** |
| 6 | S | M12X1.5 | **RAS 6 TLM M 12X1.5** |
| 8 | S | M14X1.5 | **RAS 8 TLM M 14X1.5** |
| 10 | S | M16X1.5 | **RAS 10 TLM M 16X1.5** |
| 12 | S | M18X1.5 | **RAS 12 TLM M 18X1.5** |
| 14 | S | M20X1.5 | **RAS 14 TLM M 20X1.5** |
| 16 | S | M22X1.5 | **RAS 16 TLM M 22X1.5** |
| 20 | S | M27X2 | **RAS 20 TLM M 27X2** |
| 25 | S | M33X2 | **RAS 25 TLM M 33X2** |
| 30 | S | M42X2 | **RAS 30 TLM M 42X2** |
| 38 | S | M48X2 | **RAS 38 TLM M 48X2** |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu´à la fin du stock / *Fino ad esaurimento*

## Tubo roscado recto BSP TLM con junta

Straight stud standpipe adpt. w/captive seal & o'ring BSP cyl

Adapteur tube lisse x mâle gaz a/écrou + o'ring

Adattatore diritto BSP con dado girevole e guarnizione piana



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|---|
| 6 | L | 1/8"BSP | **RAL 6 TLM R 1/8** | |
| 8 | L | 1/4"BSP | **RAL 8 TLM R 1/4** | |
| 10 | L | 1/4"BSP | **RAL 10 TLM R 1/4** | |
| 10 | L | 3/8"BSP | **RAL 10 TLM R 3/8** | |
| 12 | L | 1/4"BSP | **RAL 12 TLM R 1/4** | |
| 12 | L | 3/8"BSP | **RAL 12 TLM R 3/8** | |
| 12 | L | 1/2"BSP | **RAL 12 TLM R 1/2** | |
| 15 | L | 3/8"BSP | **RAL 15 TLM R 3/8** | |
| 15 | L | 1/2"BSP | **RAL 15 TLM R 1/2** | |
| 18 | L | 1/2"BSP | **RAL 18 TLM R 1/2** | |
| 18 | L | 3/4"BSP | **RAL 18 TLM R 3/4** | |
| 22 | L | 3/4"BSP | **RAL 22 TLM R 3/4** | |
| 28 | L | 1"BSP | **RAL 28 TLM R 1** | |
| 35 | L | 1"1/4BSP | **RAL 35 TLM R 1 1/4** | |
| 42 | L | 1"1/2 BSP | **RAL 42 TLM R 1 1/2** | |
| 6 | S | 1/4"BSP | **RAS 6 TLM R 1/4** | |
| 8 | S | 1/4"BSP | **RAS 8 TLM R 1/4** | |
| 10 | S | 3/8"BSP | **RAS 10 TLM R 3/8** | |
| 12 | S | 3/8"BSP | **RAS 12 TLM R 3/8** | |
| 14 | S | 1/2"BSP | **RAS 14 TLM R 1/2** | |
| 16 | S | 1/2"BSP | **RAS 16 TLM R 1/2** | |
| 20 | S | 3/4"BSP | **RAS 20 TLM R 3/4** | |
| 25 | S | 1"BSP | **RAS 25 TLM R 1** | |
| 30 | S | 1"1/4BSP | **RAS 30 TLM R 1 1/4** | |
| 38 | S | 1"1/2BSP | **RAS 38 TLM R 1 1/2** | |

# Racores DIN 2353

DIN 2353 Pipe fittings

Raccords à bague DIN 2353

Raccordi ad anello DIN 2353



## Racor recto para soldar

Welding straight coupling

Mamelon hexagonal à souder Métrique (DIN 2353) équipé avec bague et écrou

Raccordo diritto a saldare



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 6 | L | ASL 6 | STA ASL 6 |
| 8 | L | ASL 8 | STA ASL 8 |
| 10 | L | ASL 10 | STA ASL 10 |
| 12 | L | ASL 12 | STA ASL 12 |
| 15 | L | ASL 15 | STA ASL 15 |
| 18 | L | ASL 18 | STA ASL 18 |
| 22 | L | ASL 22 | STA ASL 22 |
| 28 | L | ASL 28 | STA ASL 28 |
| 35 | L | ASL 35 | STA ASL 35 |
| 42 | L | ASL 42 | STA ASL 42 |
| 6 | S | ASS 6 | STA ASS 6 |
| 8 | S | ASS 8 | STA ASS 8 |
| 10 | S | ASS 10 | STA ASS 10 |
| 12 | S | ASS 12 | STA ASS 12 |
| 14 | S | ASS 14 | STA ASS 14 |
| 16 | S | ASS 16 | STA ASS 16 |
| 20 | S | ASS 20 | STA ASS 20 |
| 25 | S | ASS 25 | STA ASS 25 |
| 30 | S | ASS 30 | STA ASS 30 |
| 38 | S | ASS 38 | STA ASS 38 |

## Racor pasatabique para soldar

Weldable bulkhead coupling

Union double passe cloison Métrique à souder

Raccordo passaparete a saldare



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 6 | L | ESVL 6 | STA ESVL 6 |
| 8 | L | ESVL 8 | STA ESVL 8 |
| 10 | L | ESVL 10 | STA ESVL 10 |
| 12 | L | ESVL 12 | STA ESVL 12 |
| 15 | L | ESVL 15 | STA ESVL 15 |
| 18 | L | ESVL 18 | STA ESVL 18 |
| 22 | L | ESVL 22 | STA ESVL 22 |
| 28 | L | ESVL 28 | STA ESVL 28 |
| 35 | L | ESVL 35 | STA ESVL 35 |
| 42 | L | ESVL 42 | STA ESVL 42 |
| 6 | S | ESVS 6 | STA ESVS 6 |
| 8 | S | ESVS 8 | STA ESVS 8 |
| 10 | S | ESVS 10 | STA ESVS 10 |
| 12 | S | ESVS 12 | STA ESVS 12 |
| 14 | S | ESVS 14 | STA ESVS 14 |
| 16 | S | ESVS 16 | STA ESVS 16 |
| 20 | S | ESVS 20 | STA ESVS 20 |
| 25 | S | ESVS 25 | STA ESVS 25 |
| 30 | S | ESVS 30 | STA ESVS 30 |
| 38 | S | ESVS 38 | STA ESVS 38 |

## Boquilla para soldar

Welding nipple

Collet cône Métrique (DIN 2353) à souder (BW) o'ring

Ogiva 24° a saldare con O'ring



| TUBO PIPE | SERIE SERIES | Referencia Part n° |
|---|---|---|
| 15X2.5 | L | ORIL 15 |
| 18X2.5 | L | ORIL 18 |
| 22X2.5 | L | ORIL 22 |
| 28X3 | L | ORIL 28 |
| 35X4 | L | ORIL 35 |
| 42X3 | L | ORIL 42 |
| 6X2 | L/S | ORIS 6 |
| 8X2 | L/S | ORIS 8 |
| 8X1.5 | L/S | ORIS 8X1.5* |
| 10X2 | L/S | ORIS 10X2 |
| 12X2 | L/S | ORIS 12 |
| 12X2.5 | L/S | ORIS 12X2.5 |
| 14X2 | L/S | ORIS 14X2* |
| 14X3 | S | ORIS 14X3 |
| 16X3 | S | ORIS 16X3 |
| 20X2.5 | S | ORIS 20X2.5 |
| 20X3 | S | ORIS 20X3 |
| 20X4 | S | ORIS 20X4 |
| 25X4 | S | ORIS 25X4 |
| 30x4 | S | ORIS 30X4 |
| 30x5 | S | ORIS 30X5 |
| 38x5 | S | ORIS 38X5 |

*** Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

# Racores DIN 2353

DIN 2353 Pipe fittings

Raccords à bague DIN 2353

Raccordi ad anello DIN 2353

## Racor recto pasatabiques con tuerca

Straight bulkhead coupling

Union double passe cloison

Raccordo intermedio passaparete



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° | € |
|---|---|---|---|---|
| 6 | L | SVL 6 | STA SVL 6 | |
| 8 | L | SVL 8 | STA SVL 8 | |
| 10 | L | SVL 10 | STA SVL 10 | |
| 12 | L | SVL 12 | STA SVL 12 | |
| 15 | L | SVL 15 | STA SVL 15 | |
| 18 | L | SVL 18 | STA SVL 18 | |
| 22 | L | SVL 22 | STA SVL 22 | |
| 28 | L | SVL 28 | STA SVL 28 | |
| 35 | L | SVL 35 | STA SVL 35 | |
| 42 | L | SVL 42 | STA SVL 42 | |
| 6 | S | SVS 6 | STA SVS 6 | |
| 8 | S | SVS 8 | STA SVS 8 | |
| 10 | S | SVS 10 | STA SVS 10 | |
| 12 | S | SVS 12 | STA SVS 12 | |
| 14 | S | SVS 14 | STA SVS 14 | |
| 16 | S | SVS 16 | STA SVS 16 | |
| 20 | S | SVS 20 | STA SVS 20 | |
| 25 | S | SVS 25 | STA SVS 25 | |
| 30 | S | SVS 30 | STA SVS 30 | |
| 38 | S | SVS 38 | STA SVS 38 | |

## Racor en codo pasatabiques con tuerca

Elbow bulkhead coupling

Coude égal passe cloison

Raccordo intermedio passaparete 90°



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 6 | L | USVL 6 | STA USVL 6 |
| 8 | L | USVL 8 | STA USVL 8 |
| 10 | L | USVL 10 | STA USVL 10 |
| 12 | L | USVL 12 | STA USVL 12 |
| 15 | L | USVL 15 | STA USVL 15 |
| 18 | L | USVL 18 | STA USVL 18 |
| 22 | L | USVL 22 | STA USVL 22 |
| 28 | L | USVL 28 | STA USVL 28 |
| 35 | L | USVL 35 | STA USVL 35 |
| 42 | L | USVL 42 | STA USVL 42 |
| 8 | S | USVS 8 | STA USVS 8 |
| 10 | S | USVS 10 | STA USVS 10 |
| 12 | S | USVS 12 | STA USVS 12 |
| 14 | S | USVS 14 | STA USVS 14 |
| 16 | S | USVS 16 | STA USVS 16 |
| 20 | S | USVS 20 | STA USVS 20 |
| 25 | S | USVS 25 | STA USVS 25 |
| 30 | S | USVS 30 | STA USVS 30 |
| 38 | S | USVS 38 | STA USVS 38 |

## Tuerca pasatabiques Métrica

Metric nut bulkhead

Ecrou passe cloison Métrique

Dado passaparete Metrico



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M 12x1,5 | TP 06 L |
| M 14x1,5 | TP 08 L |
| M 16x1,5 | TP 10 L |
| M 18x1,5 | TP 12 L |
| M 22x1,5 | TP 15 L |
| M 26x1,5 | TP 18 L |
| M 30x2 | TP 22 L |
| M 36x2 | TP 28 L |
| M45x2 | TP 35 L |
| M 52x2 | TP 42 L |
| M 20x1,5 | TP 12 S |
| M 24x1,5 | TP 16 S |
| M 42x2 | TP 30 S |

TrAle®

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353



## Racor recto hembra rosca BSP

Female stud coupling

Union simple femelle gaz

Raccordo di estremità femmina fissa BSP



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | 1/8" BSP | GAIL 6 R 1/8 | STA GAIL 6 R 1/8 |
| 8 | L | 1/4" BSP | GAIL 8 R 1/4 | STA GAIL 8 R 1/4 |
| 10 | L | 1/4" BSP | GAIL 10 R 1/4 | STA GAIL 10 R 1/4 |
| 10 | L | 3/8" BSP | GAIL 10 R 3/8 | STA GAIL 10 R 3/8 |
| 10 | L | 1/2" BSP | GAIL 10 R 1/2 | STA GAIL 10 R 1/2 |
| 12 | L | 3/8" BSP | GAIL 12 R 3/8 | STA GAIL 12 R 3/8 |
| 12 | L | 1/2" BSP | GAIL 12 R 1/2 | STA GAIL 12 R 1/2 |
| 15 | L | 1/2" BSP | GAIL 15 R 1/2 | STA GAIL 15 R 1/2 |
| 18 | L | 1/2" BSP | GAIL 18 R 1/2 | STA GAIL 18 R 1/2 |
| 22 | L | 3/4" BSP | GAIL 22 R 3/4 | STA GAIL 22 R 3/4 |
| 28 | L | 1" BSP | GAIL 28 R 1 | STA GAIL 28 R 1 |
| 35 | L | 1"1/4 BSP | GAIL 35 R 1 1/4 | STA GAIL 35 R 1 1/4 |
| 42 | L | 1"1/2 BSP | GAIL 42 R 1 1/2 | STA GAIL 42 R 1 1/2 |
| 6 | S | 1/4" BSP | GAIS 6 R 1/4 | STA GAIS 6 R 1/4 |
| 8 | S | 1/4" BSP | GAIS 8 R 1/4 | STA GAIS 8 R 1/4 |
| 10 | S | 3/8" BSP | GAIS 10 R 3/8 | STA GAIS 10 R 3/8 |
| 12 | S | 3/8" BSP | GAIS 12 R 3/8 | STA GAIS 12 R 3/8 |
| 14 | S | 1/2" BSP | GAIS 14 R 1/2 | STA GAIS 14 R 1/2 |
| 16 | S | 1/2" BSP | GAIS 16 R 1/2 | STA GAIS 16 R 1/2 |
| 20 | S | 3/4" BSP | GAIS 20 R 3/4 | STA GAIS 20 R 3/4 |
| 25 | S | 1" BSP | GAIS 25 R 1 | STA GAIS 25 R 1 |
| 30 | S | 1"1/4 BSP | GAIS 30 R 1 1/4 | STA GAIS 30 R 1 1/4 |
| 38 | S | 1"1/2 BSP | GAIS 38 R 1 1/2 | STA GAIS 38 R 1 1/2 |

## Racor recto hembra rosca Métrica

Female stud coupling Metric cyl

Union simple femelle Métrique

Raccordo di estremità femmina fissa metrica



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | M10x1 | GAIL 6 M 10X1 | STA GAIL 6 M 10X1 |
| 8 | L | M12x1,5 | GAIL 8 M 12X1.5 | STA GAIL 8 M 12X1.5 |
| 10 | L | M14X1.5 | GAIL 10 M14X1.5 | STA GAIL 10 M 14X1.5 |
| 12 | L | M16X1.5 | GAIL 12 M16X1.5 | STA GAIL 12 M 16X1.5 |
| 15 | L | M18X1.5 | GAIL 15 M18X1.5 | STA GAIL 15 M 18X1.5 |
| 18 | L | M22X1.5 | GAIL 18 M22X1.5 | STA GAIL 18 M 22X1.5 |
| 22 | L | M26X1.5 | GAIL 22 M26X1.5 | STA GAIL 22 M 26X1.5 |
| 6 | S | M12x1,5 | GAIS 6 M 12X1.5 | STA GAIS 6 M 12X1.5 |
| 8 | S | M14x1,5 | GAIS 8 M 14X1.5 | STA GAIS 8 M 14X1.5 |
| 10 | S | M16X1.5 | GAIS 10 M16X1.5 | STA GAIS 10 M 16X1.5 |
| 12 | S | M18X1.5 | GAIS 12 M18X1.5 | STA GAIS 12 M 18X1.5 |
| 14 | S | M20X1.5 | GAIS 14 M20X1.5 | STA GAIS 14 M 20X1.5 |
| 16 | S | M22x1,5 | GAIS 16 M 22X1.5 | STA GAIS 16 M 22X1.5 |
| 20 | S | M27x2 | GAIS 20 M 27X2 | STA GAIS 20 M 27X2 |

## Racor para manómetro BSP

Gauge coupling BSP cyl

Union pour manomètre gaz

Raccordo per manometri BSP



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | 1/4" BSP | MAVL 6 R 1/4 | STA MAVL 6 R 1/4 |
| 8 | L | 1/4" BSP | MAVL 8 R 1/4 | STA MAVL 8 R 1/4 |
| 10 | L | 1/4" BSP | MAVL 10 R 1/4 | STA MAVL 10 R 1/4 |
| 12 | L | 1/4" BSP | MAVL 12 R 1/4 | STA MAVL 12 R 1/4 |
| 6 | S | 1/2" BSP | MAVS 6 R 1/2 | --- |
| 8 | S | 1/2" BSP | MAVS 8 R 1/2 | --- |
| 10 | S | 1/2" BSP | MAVS 10 R 1/2 | --- |
| 12 | S | 1/2" BSP | MAVS 12 R 1/2 | --- |

## Racor para manómetro DKOL/DKOS

NEW

Gauge coupling DKOL/DKOS

Raccord union pour manomètre DKOL/DKOS

Raccordo per manometro DKOL/DKOS



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|---|
| 6 | L | 1/4 | MAFL 6 R 1/4 | |
| 8 | L | 1/4 | MAFL 8 R 1/4 | |
| 10 | L | 1/4 | MAFL 10 R 1/4 | |
| 12 | L | 1/4 | MAFL 12 R 1/4 | |
| 6 | S | 1/2 | MAFS 6 R 1/2 | |
| 8 | S | 1/2 | MAFS 8 R 1/2 | |
| 10 | S | 1/2 | MAFS 10 R 1/2 | |
| 12 | S | 1/2 | MAFS 12 R 1/2 | |

## Arandela para manómetros

Seal for gauge coupling

Bague pour manomètres

Guarnizioni per manometri



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | AM 1/4 |
| 1/2" BSP | AM 1/2 |

*Consultar / On request/ Sur demande / Su richiesta

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

## Racor en codo orientable sin estrangulador rosca BSP

Elbow banjo coupling with captive seal and o-ring BSP cyl
Equerre orientable sans étrangleur gaz BSP (passage total)
Raccordo orientabile a 90° ad occhio BSP con guarnizione



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | LL | 1/8" BSP | **WSVLL 6 R 1/8** | **STA WSVLL 6 R 1/8** |
| 8 | LL | 1/8" BSP | **WSVLL 8 R 1/8** | **STA WSVLL 8 R 1/8** |
| 6 | L | 1/8" BSP | **WSVL 6 R 1/8** | **STA WSVL 6 R 1/8** |
| 8 | L | 1/4" BSP | **WSVL 8 R 1/4** | **STA WSVL 8 R 1/4** |
| 10 | L | 1/4" BSP | **WSVL 10 R 1/4** | **STA WSVL 10 R 1/4** |
| 12 | L | 1/4" BSP | **WSVL 12 R 1/4** | **STA WSVL 12 R 1/4** |
| 12 | L | 3/8" BSP | **WSVL 12 R 3/8** | **STA WSVL 12 R 3/8** |
| 15 | L | 1/2" BSP | **WSVL 15 R 1/2** | **STA WSVL 15 R 1/2** |
| 18 | L | 1/2" BSP | **WSVL 18 R 1/2** | **STA WSVL 18 R 1/2** |
| 22 | L | 3/4" BSP | **WSVL 22 R 3/4** | **STA WSVL 22 R 3/4** |
| 28 | L | 1" BSP | **WSVL 28 R 1** | **STA WSVL 28 R 1** |
| 35 | L | 1"1/4 BSP | **WSVL 35 R 1 1/4** | **STA WSVL 35 R 1 1/4** |
| 42 | L | 1"1/2 BSP | **WSVL 42 R 1 1/2** | **STA WSVL 42 R 1 1/2** |
| 6 | S | 1/4" BSP | **WSVS 6 R 1/4** | **STA WSVS 6 R 1/4** |
| 8 | S | 1/4" BSP | **WSVS 8 R 1/4** | **STA WSVS 8 R 1/4** |
| 10 | S | 3/8" BSP | **WSVS 10 R 3/8** | **STA WSVS 10 R 3/8** |
| 12 | S | 3/8" BSP | **WSVS 12 R 3/8** | **STA WSVS 12 R 3/8** |
| 14 | S | 1/2" BSP | **WSVS 14 R 1/2** | **STA WSVS 14 R 1/2** |
| 16 | S | 1/2" BSP | **WSVS 16 R 1/2** | **STA WSVS 16 R 1/2** |
| 20 | S | 3/4" BSP | **WSVS 20 R 3/4** | **STA WSVS 20 R 3/4** |
| 25 | S | 1" BSP | **WSVS 25 R 1** | **STA WSVS 25 R 1** |
| 30 | S | 1"1/4 BSP | **WSVS 30 R 1 1/4** | **STA WSVS 30 R 1 1/4** |
| 38 | S | 1"1/2 BSP | **WSVS 38 R 1 1/2** | **STA WSVS 38 R 1 1/2** |

## Racor en codo orientable sin estrangulador rosca Métrica

Elbow banjo coupling with captive seal and o'ring metric cyl
Equerre orientable sans étrangleur métrique (passage total)
Raccordo orientabile a 90° ad occhio Metrico con guarnizione



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° | € |
|---|---|---|---|---|---|
| 6 | LL | M10X1 | **WSVLL 6 M 10X1** | **STA WSVLL 6 M 10X1** | |
| 8 | LL | M10X1 | **WSVLL 8 M 10X1** | **STA WSVLL 8 M 10X1** | |
| 6 | L | M10X1 | **WSVL 6 M 10X1** | **STA WSVL 6 M 10X1** | |
| 8 | L | M12X1.5 | **WSVL 8 M 12X1.5** | **STA WSVL 8 M 12X15** | |
| 10 | L | M14X1.5 | **WSVL 10 M 14X1.5** | **STA WSVL 10 M 14X1.5** | |
| 12 | L | M16X1.5 | **WSVL 12 M 16X1.5** | **STA WSVL 12 M 16X1.5** | |
| 15 | L | M18X1.5 | **WSVL 15 M 18X1.5** | **STA WSVL 15 M 18X1.5** | |
| 18 | L | M22X1.5 | **WSVL 18 M 22X1.5** | **STA WSVL 18 M 22X1.5** | |
| 22 | L | M26X1.5 | **WSVL 22 M 26X1.5** | **STA WSVL 22 M 26X1.5** | |
| 28 | L | M33X2 | **WSVL 28 M 33X2** | **STA WSVL 28 M 33X2** | |
| 42 | L | M48X2 | **WSVL 42 M 48X2** | **STA WSVL 42 M 48X2** | |
| 8 | S | M14X1.5 | **WSVS 8 M 14X1.5** | **STA WSVS 8 M 14X1.5** | |
| 10 | S | M16X1.5 | **WSVS 10 M 16X1.5** | **STA WSVS 10 M 16X1.5** | |
| 12 | S | M18X1.5 | **WSVS 12 M 18X1.5** | **STA WSVS 12 M 18X1.5** | |
| 16 | S | M22X1.5 | **WSVS 16 M 22X1.5** | **STA WSVS 16 M 22X1.5** | |
| 20 | S | M27X2 | **WSVS 20 M 27X2** | **STA WSVS 20 M 27X2** | |
| 30 | S | M42X2 | **WSVS 30 M 42X2** | **STA WSVS 30 M 42X2** | |
| 38 | S | M48x2 | **WSVS 38 M 48X2** | **STA WSVS 38 M 48X2** | |

## Racor en codo orientable BSP-Métrico

90° Adjustable male stud elbow BSP - Metric
Coude régulable mâle BSP - Métrique
Raccordo di estremità 90° maschio orientabile BSP



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | M12X1,5 | 1/8" BSP | **STA WEE 6L R 1/8** |
| 8 | L | M14X1,5 | 1/4" BSP | **STA WEE 8L R 1/4** |
| 10 | L | M16X1,5 | 1/4" BSP | **STA WEE 10L R 1/4** |
| 12 | L | M18X1,5 | 3/8" BSP | **STA WEE 12L R 3/8** |
| 15 | L | M22X1,5 | 1/2" BSP | **STA WEE 15L R 1/2** |
| 18 | L | M26X1,5 | 1/2" BSP | **STA WEE 18L R 1/2** |
| 22 | L | M30X2 | 3/4" BSP | **STA WEE 22L R 3/4** |
| 16 | S | M24X1,5 | 1/2" BSP | **STA WEE 16S R 1/2** |
| 20 | S | M30X2 | 3/4" BSP | **STA WEE 20S R 3/4** |
| 25 | S | M36X2 | 1" BSP | **STA WEE 25S R 1** |

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353



## Tapón de cierre para tubo

Blanking plug with o'ring

Bouchon de fermeture avec o'ring

Tappo di chiusura con o'ring



| TUBO PIPE | SERIE SERIES | Referencia Part n° |
|---|---|---|
| 6 | L/S | **BUTZEN L 6** |
| 8 | L/S | **BUTZEN L 8** |
| 10 | L/S | **BUTZEN L 10** |
| 12 | L/S | **BUTZEN L 12** |
| 15 | L | **BUTZEN L 15** |
| 18 | L | **BUTZEN L 18** |
| 22 | L | **BUTZEN L 22** |
| 28 | L | **BUTZEN L 28** |
| 35 | L | **BUTZEN L 35** |
| 42 | L | **BUTZEN L 42** |
| 14 | S | **BUTZEN S 14** |
| 16 | S | **BUTZEN S 16** |
| 20 | S | **BUTZEN S 20** |
| 25 | S | **BUTZEN S 25** |
| 30 | S | **BUTZEN S 30** |
| 38 | S | **BUTZEN S 38** |

## Tapón macho métrico 24°

24° Metric Plug

Bouchon mâle métrique 24°

Tappo metrico 24°



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | € |
|---|---|---|---|---|
| 6 | L | 12x1.5 | **STA TML 6** | |
| 8 | L | 14x1.5 | **STA TML 8** | |
| 10 | L | 16x1.5 | **STA TML 10** | |
| 12 | L | 18x1.5 | **STA TML 12** | |
| 15 | L | 22x1.5 | **STA TML 15** | |
| 18 | L | 26x1.5 | **STA TML 18** | |
| 22 | L | 30x2 | **STA TML 22** | |
| 28 | L | 36x2 | **STA TML 28** | |
| 35 | L | 45x2 | **STA TML 35** | |
| 42 | L | 52x2 | **STA TML 42** | |
| 6 | S | 14x1.5 | **STA TMS 6** | |
| 8 | S | 16x1.5 | **STA TMS 8** | |
| 10 | S | 18x1.5 | **STA TMS 10** | |
| 12 | S | 20x1.5 | **STA TMS 12** | |
| 14 | S | 22x1.5 | **STA TMS 14** | |
| 16 | S | 24x1.5 | **STA TMS 16** | |
| 20 | S | 30x2 | **STA TMS 20** | |
| 25 | S | 36x2 | **STA TMS 25** | |
| 30 | S | 42x2 | **STA TMS 30** | |
| 38 | S | 52x2 | **STA TMS 38** | |

## Tapón de cierre Allen rosca BSP con junta

Blanking plug with captive seal BSP cyl

Bouchon Allen gaz avec o'ring

Tappo cilindrico BSP esagono incassato con guarnizione



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | **STOPFEN 1/8** |
| 1/4" BSP | **STOPFEN 1/4** |
| 3/8" BSP | **STOPFEN 3/8** |
| 1/2" BSP | **STOPFEN 1/2** |
| 3/4" BSP | **STOPFEN 3/4** |
| 1" BSP | **STOPFEN 1** |
| 1"1/4 BSP | **STOPFEN 1 1/4** |
| 1"1/2 BSP | **STOPFEN 1 1/2** |
| 2" BSP | **STOPFEN 2** |

## Tapón de cierre Allen rosca Métrica con junta

Blanking plug with captive seal Metric cyl

Bouchon Allen Métrique avec o'ring

Tappo cilindrico Metrico esagono incassato con guarnizione



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M8x1 | NEW | **STOPFEN M 8x1 L8** |
| M8x1 | NEW | **STOPFEN M 8x1** |
| M10X1 | | **STOPFEN M 10X1** |
| M12X1.5 | | **STOPFEN M 12X1.5** |
| M14X1.5 | | **STOPFEN M 14X1.5** |
| M16X1.5 | | **STOPFEN M 16X1.5** |
| M18X1.5 | | **STOPFEN M 18X1.5** |
| M20X1.5 | | **STOPFEN M 20X1.5** |
| M22X1.5 | | **STOPFEN M 22X1.5** |
| M26X1.5 | | **STOPFEN M 26X1.5** |
| M27X2 | | **STOPFEN M 27X2** |
| M33X2 | | **STOPFEN M 33X2** |
| M42X2 | | **STOPFEN M 42X2** |
| M48X2 | | **STOPFEN M 48X2** |

# Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi ad anello DIN 2353

## Antirretorno tubo-tubo

Non-return valve tube-tube

Clapet antiretour tube-tube

Valvola di ritegno tubo-tubo



| TUBO PIPE | SERIE SERIES | Referencia Part n° | Referencia Part n° |
|---|---|---|---|
| 6 | L | **RHDL 6** | **STA RHDL 6** |
| 8 | L | **RHDL 8** | **STA RHDL 8** |
| 10 | L | **RHDL 10** | **STA RHDL 10** |
| 12 | L | **RHDL 12** | **STA RHDL 12** |
| 15 | L | **RHDL 15** | **STA RHDL 15** |
| 18 | L | **RHDL 18** | **STA RHDL 18** |
| 22 | L | **RHDL 22** | **STA RHDL 22** |
| 28 | L | **RHDL 28** | **STA RHDL 28** |
| 35 | L | **RHDL 35** | **STA RHDL 35** |
| 42 | L | **RHDL 42** | **STA RHDL 42** |
| 6 | S | **RHDS 6** | **STA RHDS 6** |
| 8 | S | **RHDS 8** | **STA RHDS 8** |
| 10 | S | **RHDS 10** | **STA RHDS 10** |
| 12 | S | **RHDS 12** | **STA RHDS 12** |
| 14 | S | **RHDS 14** | **STA RHDS 14** |
| 16 | S | **RHDS 16** | **STA RHDS 16** |
| 20 | S | **RHDS 20** | **STA RHDS 20** |
| 25 | S | **RHDS 25** | **STA RHDS 25** |
| 30 | S | **RHDS 30** | **STA RHDS 30** |
| 38 | S | **RHDS 38** | **STA RHDS 38** |

**Taraje 1 bar. Para otras presiones de tarado esta** *pressures, consult us. /* Tarage 1 bar. Pour d'autres pre *taratura standard, consultare.*

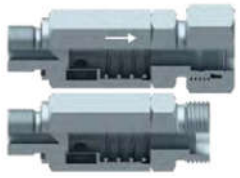
**ultar.** */ Setting 1 bar. For other standa* standard, consultez-nous. */ Per altr*

## Antirretorno rosca BSP - tubo

Non-return valve flow from male stud end BSP cyl

Clapet antiretour unidir. à gauche mâle BSP-tube

Valvola di ritegno a sinistra



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | 1/8" BSP | **RHVL 6 R1/8** | **STA RHVL 6 R 1/8** |
| 8 | L | 1/4" BSP | **RHVL 8 R 1/4** | **STA RHVL 8 R 1/4** |
| 10 | L | 1/4" BSP | **RHVL 10 R 1/4** | **STA RHVL 10 R 1/4** |
| 12 | L | 3/8" BSP | **RHVL 12 R3/8** | **STA RHVL 12 R 3/8** |
| 15 | L | 1/2" BSP | **RHVL 15 R 1/2** | **STA RHVL 15 R 1/2** |
| 18 | L | 1/2" BSP | **RHVL 18 R1/2** | **STA RHVL 18 R 1/2** |
| 22 | L | 3/4" BSP | **RHVL 22 R3/4** | **STA RHVL 22 R 3/4** |
| 28 | L | 1" BSP | **RHVL 28 R1** | **STA RHVL 28 R 1** |
| 35 | L | 1"1/4 BSP | **RHVL 35 R1 1/4** | **STA RHVL 35 R 1 1/4** |
| 42 | L | 1"1/2 BSP | **RHVL 42 R1 1/2** | **STA RHVL 42 R 1 1/2** |
| 6 | S | 1/4" BSP | **RHVS 6 R1/4** | **STA RHVS 6 R 1/4** |
| 8 | S | 1/4" BSP | **RHVS 8 R1/4** | **STA RHVS 8 R 1/4** |
| 10 | S | 3/8" BSP | **RHVS 10 R3/8** | **STA RHVS 10 R 3/8** |
| 12 | S | 3/8" BSP | **RHVS 12 R3/8** | **STA RHVS 12 R 3/8** |
| 14 | S | 1/2" BSP | **RHVS 14 R 1/2** | **STA RHVS 14 R 1/2** |
| 16 | S | 1/2" BSP | **RHVS 16 R1/2** | **STA RHVS 16 R 1/2** |
| 20 | S | 3/4" BSP | **RHVS 20 R3/4** | **STA RHVS 20 R 3/4** |
| 25 | S | 1" BSP | **RHVS 25 R1** | **STA RHVS 25 R 1** |
| 30 | S | 1"1/4 BSP | **RHVS 30 R1 1/4** | **STA RHVS 30 R 1 1/4** |
| 38 | S | 1"1/2 BSP | **RHVS 38 R 1 1/2** | **STA RHVS 38 R 1 1/2** |

**Taraje 1 bar. Para otras presiones de tarado estandard,** *pressures, consult u /* Tarage 1 bar. Pour d'autres pressions re *taratura standard, consultare.*

*/ Setting 1 bar. For other standard sp* ard, consultez-nous. */ Per altre press*

## Antirretorno tubo - rosca BSP

Non-return valve flow towards male stud end BSP cyl

Clapet antiretour unidir. à droite tube-mâle BSP

Valvola di ritegno a destra



| TUBO PIPE | SERIE SERIES | ROSCA THREAD | Referencia Part n° | Referencia Part n° |
|---|---|---|---|---|
| 6 | L | 1/8" BSP | **RHZL 6 R 1/8** | **STA RHZL 6 R 1/8** |
| 8 | L | 1/4" BSP | **RHZL 8 R1/4** | **STA RHZL 8 R 1/4** |
| 10 | L | 1/4" BSP | **RHZL 10 R1/4** | **STA RHZL 10 R 1/4** |
| 12 | L | 3/8" BSP | **RHZL 12 R3/8** | **STA RHZL 12 R 3/8** |
| 15 | L | 1/2" BSP | **RHZL 15 R1/2** | **STA RHZL 15 R 1/2** |
| 18 | L | 1/2" BSP | **RHZL 18 R1/2** | **STA RHZL 18 R 1/2** |
| 22 | L | 3/4" BSP | **RHZL 22 R 3/4** | **STA RHZL 22 R 3/4** |
| 28 | L | 1" BSP | **RHZL 28 R1** | **STA RHZL 28 R 1** |
| 35 | L | 1"1/4 BSP | **RHZL 35 R1 1/4** | **STA RHZL 35 R 1 1/4** |
| 42 | L | 1"1/2 BSP | **RHZL 42 R1 1/2** | **STA RHZL 42 R 1 1/2** |
| 6 | S | 1/4" BSP | **RHZS 6 R 1/4** | **STA RHZS 6 R 1/4** |
| 8 | S | 1/4" BSP | **RHZS 8 R1/4** | **STA RHZS 8 R 1/4** |
| 10 | S | 3/8" BSP | **RHZS 10 R 3/8** | **STA RHZS 10 R 3/8** |
| 12 | S | 3/8" BSP | **RHZS 12 R3/8** | **STA RHZS 12 R 3/8** |
| 14 | S | 1/2" BSP | **RHZS 14 R 1/2** | **STA RHZS 14 R 1/2** |
| 16 | S | 1/2" BSP | **RHZS 16 R1/2** | **STA RHZS 16 R 1/2** |
| 20 | S | 3/4" BSP | **RHZS 20 R3/4** | **STA RHZS 20 R 3/4** |
| 25 | S | 1" BSP | **RHZS 25 R1** | **STA RHZS 25 R 1** |
| 30 | S | 1"1/4 BSP | **RHZS 30 R1 1/4** | **STA RHZS 30 R 1 1/4** |
| 38 | S | 1"1/2 BSP | **RHZS 38 R1 1/2** | **STA RHZS 38 R 1 1/2** |

**Taraje 1 bar. Para otras presiones de tarado estandard,** *pressures, consult us. /* Tarage 1 bar. Pour d'autres pressions *taratura standard, consultare.*

**r.** */ Setting 1 bar. For other standard sp* ndard, consultez-nous. */ Per altre pres*



***Consultar /** On request **/ Sur demande /** Su richiesta

# Racores JIC 37°

JIC 37° fittings
Raccords JIC 37°
Raccordi JIC 37°



## Tuercas JIC 37°

JIC 37° Nuts

Écrous JIC 37°

Dado JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S11006** |
| 8 | 5/16 | 1/2" 20h UNF | **S11008** |
| 10 | 3/8 | 9/16" 18h UNF | **S11010** |
| 12 | 1/2 | 3/4" 16h UNF | **S11012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S11016** |
| 18-20 | - | 1"1/16 12h UNF | **S11020** |
| - | 3/4 | 1"1/16 12h UNF | **S11020W** |
| 25 | 1 | 1"5/16 12h UNF | **S11025** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S11032** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S11038** |
| 50 | 2 | 2" 1/2 12h UNF | **S11050** |

## Férulas JIC 37° (Tubo Métrico)

JIC 37° sleeves Metric tube

Férules JIC 37° pour tube Métrique

Bussola JIC 37° (tubo Metrico)



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6 | **S12006** |
| 8 | **S12008** |
| 10 | **S12010** |
| 12 | **S12012** |
| 14 | **S12014** |
| 15 | **S12015** |
| 16 | **S12016** |
| 18 | **S12018** |
| 20 | **S12020** |
| 25 | **S12025** |
| 30 | **S12030** |
| 32 | **S12032** |
| 38 | **S12038** |

## Tapón hembra JIC 37°

37° JIC Cap

Obturateur femelle JIC 37° pour raccord

Tappo femmina girevole JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S13006** |
| 8 | 5/16 | 1/2" 20h UNF | **S13008** |
| 10 | 3/8 | 9/16" 18h UNF | **S13010** |
| 12 | 1/2 | 3/4" 16h UNF | **S13012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S13016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S13020** |
| 25 | 1 | 1"5/16 12h UNF | **S13025** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S13032** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S13038** |

## Tapón macho JIC 37°

37° JIC Male plug

Bouchon mâle JIC 37°

Tappo maschio JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S14006** |
| 8 | 5/16 | 1/2" 20h UNF | **S14008** |
| 10 | 3/8 | 9/16" 18h UNF | **S14010** |
| 12 | 1/2 | 3/4" 16h UNF | **S14012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S14016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S14020** |
| 25 | 1 | 1"5/16 12h UNF | **S14025** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S14032** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S14038** |

# Racores JIC 37°

JIC 37° fittings
Raccords JIC 37°
Raccordi JIC 37°

## Racor macho-macho JIC 37°

Straight union JIC 37°

Adapteur droit mâle JIC x mâle JIC

Niples di giunzione maschio-maschio JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S26006** |
| 8 | 5/16 | 1/2" 20h UNF | **S26008** |
| 10 | 3/8 | 9/16" 18h UNF | **S26010** |
| 12 | 1/2 | 3/4" 16h UNF | **S26012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S26016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S26020** |
| 25 | 1 | 1"5/16 12h UNF | **S26025** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S26032** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S26038** |

## Racor reducción macho-macho JIC 37°

Reducer adaptor male JIC 37°

Adapteur réduction mâle JIC 37°

Nipples di riduzione maschio-maschio JIC 37°



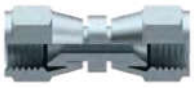
| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/2"-20 UNF | 7/16"-20 UNF | **S2600806** |
| 9/16"-18 UNF | 7/16"-20 UNF | **S2601006** |
| 9/16"-18 UNF | 1/2"-20 UNF | **S2601008** |
| 3/4"-16 UNF | 9/16"-18 UNF | **S2601210** |
| 7/8"-14 UNF | 3/4"-16 UNF | **S2601612** |
| 1 1/16"-12 UN | 7/8"-14 UNF | **S2602016** |
| 1 5/16"-12 UN | 1 1/16"-12 UN | **S2602520** |
| 1 5/8"-12 UN | 1 5/16"-12 UN | **S2603225** |
| 1 7/8"-12 UN | 1 5/8"-12 UN | **S2603832** |

## Racor hembra giratoria-hembra giratoria JIC 37°

Straight swivel female JIC 37°

Adapteur femelle tournante JIC x femelle tournante JIC 37°

Adattatore femmina girevole JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S73006** |
| 8 | 5/16 | 1/2" 20h UNF | **S73008** |
| 10 | 3/8 | 9/16" 18h UNF | **S73010** |
| 12 | 1/2 | 3/4" 16h UNF | **S73012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S73016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S73020** |
| 25 | 1 | 1"5/16 12h UNF | **S73025** |

## Racor macho JIC 37° - macho NPT

Straight adaptor male JIC-male NPT

Adapteur mâle JIC x mâle NPT

Niples di giunzione JIC 37°-NPT



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 1/8" NPT | 7/16" 20h UNF | **S2000610** |
| 6 | 1/4 | 1/4" NPT | 7/16" 20h UNF | **S2000613** |
| 8 | 5/16 | 1/8" NPT | 1/2" 20h UNF | **S2000810** |
| 8 | 5/16 | 1/4" NPT | 1/2" 20h UNF | **S2000813** |
| 10 | 3/8 | 1/4" NPT | 9/16" 18h UNF | **S2001013** |
| 10 | 3/8 | 3/8" NPT | 9/16" 18h UNF | **S2001017** |
| 10 | 3/8 | 1/2" NPT | 9/16" 18h UNF | **S2001021** |
| 12 | 1/2 | 3/8" NPT | 3/4" 16h UNF | **S2001217** |
| 12 | 1/2 | 1/2" NPT | 3/4" 16h UNF | **S2001221** |
| 12 | 1/2 | 3/4" NPT | 3/4" 16h UNF | **S2001226** |
| 14-15-16 | 5/8 | 1/2" NPT | 7/8" 14h UNF | **S2001621** |
| 14-15-16 | 5/8 | 3/4" NPT | 7/8" 14h UNF | **S2001626** |
| 18-20 | 3/4 | 1/2" NPT | 1"1/16 12h UNF | **S2002021** |
| 18-20 | 3/4 | 3/4" NPT | 1"1/16 12h UNF | **S2002026** |
| 18-20 | 3/4 | 1" NPT | 1"1/16 12h UNF | **S2002033** |
| 25 | 1 | 3/4" NPT | 1"5/16 12h UNF | **S2002526** |
| 25 | 1 | 1" NPT | 1"5/16 12h UNF | **S2002533** |
| 32 | 1 1/4 | 1" NPT | 1"5/8 12h UNF | **S2003233** |
| 32 | 1 1/4 | 1"1/4 NPT | 1"5/8 12h UNF | **S2003242** |
| 38 | 1 1/2 | 1"1/4 NPT | 1"7/8 12h UNF | **S2003842** |
| 38 | 1 1/2 | 1"1/2 NPT | 1"7/8 12h UNF | **S2003848** |

## Racor macho JIC 37° - macho BSP

Straight adaptor male JIC-male BSP

Adapteur mâle JIC x mâle gaz cyl équipé

Niples di giunzione JIC37° -BSP



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/8" BSP | **S2300610** |
| 6 | 1/4 | 7/16" 20h UNF | 1/4" BSP | **S2300613** |
| 6 | 1/4 | 7/16" 20h UNF | 3/8" BSP | **S2300617** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSP | **S2300813** |
| 8 | 5/16 | 1/2" 20h UNF | 3/8" BSP | **S2300817** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSP | **S2301013** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" BSP | **S2301017** |
| 10 | 3/8 | 9/16" 18h UNF | 1/2" BSP | **S2301021** |
| 12 | 1/2 | 3/4" 16h UNF | 1/4" BSP | **S2301213** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSP | **S2301217** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" BSP | **S2301221** |
| 12 | 1/2 | 3/4" 16h UNF | 3/4" BSP | **S2301226** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 3/8" BSP | **S2301617** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSP | **S2301621** |
| 14-15-16 | 5/8 | 7/8" 14 h UNF | 3/4" BSP | **S2301626** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1/2" BSP | **S2302021** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" BSP | **S2302026** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1" BSP | **S2302033** |
| 25 | 1 | 1"5/16 12h UNF | 3/4" BSP | **S2302526** |
| 25 | 1 | 1"5/16 12h UNF | 1" BSP | **S2302533** |
| 25 | 1 | 1"5/16 12h UNF | 1"1/4 BSP | **S2302542** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1"1/4 BSP | **S2303242** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/4 BSP | **S2303842** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/2 BSP | **S2303848** |

TrAle®

# Racores JIC 37°

JIC 37° fittings

Raccords JIC 37°

Raccordi JIC 37°



## Racor macho JIC 37° - macho BSPT

Straight adaptor male JIC-male BSPT

Adapteur mâle JIC x mâle gaz conique

Niples di giunzione JIC 37°-BSPT



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 1/8" BSPT | 7/16" 20h UNF | **S2100610** |
| 6 | 1/4 | 1/4" BSPT | 7/16" 20h UNF | **S2100613** |
| 8 | 5/16 | 1/8" BSPT | 1/2" 20h UNF | **S2100810** |
| 8 | 5/16 | 1/4" BSPT | 1/2" 20h UNF | **S2100813** |
| 10 | 3/8 | 1/4" BSPT | 9/16" 18h UNF | **S2101013** |
| 10 | 3/8 | 3/8" BSPT | 9/16" 18h UNF | **S2101017** |
| 10 | 3/8 | 1/2" BSPT | 9/16" 18h UNF | **S2101021** |
| 12 | 1/2 | 1/4" BSPT | 3/4" 16h UNF | **S2101213** |
| 12 | 1/2 | 3/8" BSPT | 3/4" 16h UNF | **S2101217** |
| 12 | 1/2 | 1/2" BSPT | 3/4" 16h UNF | **S2101221** |
| 14-15-16 | 5/8 | 3/8" BSPT | 7/8" 14h UNF | **S2101617** |
| 14-15-16 | 5/8 | 1/2" BSPT | 7/8" 14h UNF | **S2101621** |
| 14-15-16 | 5/8 | 3/4" BSPT | 7/8" 14h UNF | **S2101626** |
| 18-20 | 3/4 | 1/2" BSPT | 1"1/16 12h UNF | **S2102021** |
| 18-20 | 3/4 | 3/4" BSPT | 1"1/16 12h UN | **S2102026** |
| 18-20 | 3/4 | 1" BSPT | 1"1/16 12M UNF | **S2102033** |
| 25 | 1 | 3/4" BSPT | 1"5/16 12h UNF | **S2102526** |
| 25 | 1 | 1" BSPT | 1"5/16 12h UNF | **S2102533** |
| 30-32 | 1 1/4 | 1" BSPT | 1"5/8 12h UNF | **S2103233** |
| 30-32 | 1 1/4 | 1"1/4 BSPT | 1"5/8 12h UNF | **S2103242** |
| 38 | 1 1/2 | 1"1/2 BSPT | 1"7/8 12h UNF | **S2103848** |

## Racor macho JIC 37° - macho UNF

Straight adaptor male JIC-male UNF

Adapteur mâle JIC x mâle UNF équipé

Niples di giunzione JIC 37°-UNF



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h JIC | 7/16" 20h UNF | **S2200611** |
| 6 | 1/4 | 7/16" 20h JIC | 1/2" 20h UNF | **S2200612** |
| 6 | 1/4 | 7/16" 20h JIC | 9/16" 18h UNF | **S2200614** |
| 8 | 5/16 | 1/2" 20h JIC | 1/2" 20h UNF | **S2200812** |
| 10 | 3/8 | 9/16" 18h JIC | 9/16" 18h UNF | **S2201014** |
| 10 | 3/8 | 9/16" 18h JIC | 3/4" 16h UNF | **S2201019** |
| 12 | 1/2 | 3/4" 16h JIC | 3/4" 16h UNF | **S2201219** |
| 12 | 1/2 | 3/4" 16h JIC | 7/8" 14h UNF | **S2201222** |
| 14-15-16 | 5/8 | 7/8" 14h JIC | 7/8" 14h UNF | **S2201622** |
| 14-15-16 | 5/8 | 7/8" 14h JIC | 1"1/16 12h UNF | **S2201627** |
| 18-20 | 3/4 | 1"1/16 12h JIC | 3/4" 16h UNF | **S2202019** |
| 14-15-16 | 5/8 | 7/8" 14h JIC | 3/4" 16h UNF | **S2201619** |
| 18-20 | 3/4 | 1"1/16 12h JIC | 7/8" 14h UNF | **S2202022** |
| 18-20 | 3/4 | 1"1/16 12h JIC | 1"1/16 12h UNF | **S2202027** |
| 18-20 | 3/4 | 1"1/16 12h JIC | 1"5/16 12h UNF | **S2202033** |
| 25 | 1 | 1"5/16 12h JIC | 1"1/16 12h UNF | **S2202527** |
| 25 | 1 | 1"5/16 12h JIC | 1"5/16 12h UNF | **S2202533** |
| 25 | 1 | 1"5/16 12h JIC | 1"5/8 12h UNF | **S2202541** |
| 30-32 | 1 1/4 | 1"5/8 12h JIC | 1"5/8 12h UNF | **S2203241** |
| 38 | 1 1/2 | 1"7/8 12h JIC | 1"7/8 12h UNF | **S2203848** |

## Racor pasatabiques JIC 37°

Straight bulkhead fitting JIC 37°

Union passe cloison droite mâle JIC x mâle JIC équipé

Niples passaparete JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S25006** |
| 8 | 5/16 | 1/2" 20h UNF | **S25008** |
| 10 | 3/8 | 9/16" 18h UNF | **S25010** |
| 12 | 1/2 | 3/4" 16h UNF | **S25012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S25016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S25020** |
| 25 | 1 | 1"5/16 12h UNF | **S25025** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S25032** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S25038** |

## Racor macho JIC 37° - macho Métrico

Metric adaptor male-male JIC 37°

Adapteur mâle JIC x mâle Métrique équipé

Niples di giunzione JIC 37°-Metrico



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | M10X1 | **S2400610** |
| 8 | 5/16 | 1/2" 20h UNF | M12X1,5 | **S2400812** |
| 10 | 3/8 | 9/16" 18h UNF | M14X1,5 | **S2401014** |
| 12 | 1/2 | 3/4" 16h UNF | M16X1,5 | **S2401216** |
| 12 | 1/2 | 3/4" 16h UNF | M18X1,5 | **S2401218** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | M18X1,5 | **S2401418** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | M22X1,5 | **S2401622** |
| 20 | 3/4 | 1"1/16 12h UNF | M18X1,5 | **S2402018** |
| 18-20 | 3/4 | 1"1/16 12h UNF | M22X1,5 | **S2402022** |
| 18-20 | 3/4 | 1"1/16 12h UNF | M27X2 | **S2402027** |
| 25 | 1 | 1"5/16 12h UNF | M33X2 | **S2402533** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | M42X2 | **S2403242** |

# Racores JIC 37°

JIC 37° fittings
Raccords JIC 37°
Raccordi JIC 37°

TrAle®

## Racor macho BSP - hembra giratoria JIC 37°

Adaptor swivel female JIC-male BSP

Adapteur femelle tournante JIC x mâle gaz cyl équipé

Adattatore maschio BSP - femmina girevole JIC 37°



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 1/8" BSP | 7/16" 20h UNF | **S1800610** |
| 8 | 5/16 | 1/4" BSP | 1/2" 20h UNF | **S1800813** |
| 8 | 5/16 | 3/8" BSP | 1/2" 20h UNF | **S1800817** |
| 10 | 3/8 | 1/4" BSP | 9/16" 18h UNF | **S1801013** |
| 10 | 3/8 | 3/8" BSP | 9/16" 18h UNF | **S1801017** |
| 12 | 1/2 | 3/8" BSP | 3/4" 16h UNF | **S1801217** |
| 14-15-16 | 5/8 | 1/2" BSP | 7/8" 14h UNF | **S1801621** |
| 18-20 | 3/4 | 3/4" BSP | 1"1/16 12h UNF | **S1802026** |
| 25 | 1 | 1" BSP | 1"5/16 12h UNF | **S1802533** |
| 30-32 | 1 1/4 | 1"1/4 BSP | 1"5/8 12h UNF | **S1803242** |
| 38 | 1 1/2 | 1"1/2 BSP | 1"7/8 12h UNF | **S1803848** |

## Racor unión macho-hembra fija JIC 37°

Reducer adaptor male JIC -fixed female JIC 37°

Reducteur mâle JIC x femelle fixe JIC 37°

Adattatore di riduzione maschio-femmina fissa JIC 37°



| TUBO PIPE | | ROSCA (H) THREAD (F) | ROSCA (M) THREAD (M) | Referencia Part n° |
|---|---|---|---|---|
| 10 | 6 | 7/16" 20h UNF | 9/16" 18h UNF | **S2900610** |
| 10 | 6 | 9/16" 18h UNF | 7/16" 20h UNF | **S2901006** |
| 12 | 6 | 3/4" 16h UNF | 7/16" 20h UNF | **S2901206** |
| 8 | 12 | 3/4" 16h UNF | 1/2" 20h UNF | **S2901208** |
| 12 | 10 | 3/4" 16h UNF | 9/16" 18h UNF | **S2901210** |
| 14-15-16 | 6 | 7/8" 14h UNF | 7/16" 20h UNF | **S2901606** |
| 14-15-16 | 10 | 7/8" 14h UNF | 9/16" 18h UNF | **S2901610** |
| 14-15-16 | 12 | 7/8" 14h UNF | 3/4" 16h UNF | **S2901612** |
| 18-20 | 6 | 1"1/16 12h UNF | 7/16" 20h UNF | **S2902006** |
| 18-20 | 12 | 1"1/16 12h UNF | 3/4" 16h UNF | **S2902012** |
| 25 | 18-20 | 1"5/16 12h UNF | 1"1/16 12h UNF | **S2902520** |
| 30-32 | 25 | 1"5/8 12h UNF | 1"5/16 12h UNF | **S2903225** |
| 38 | 30-32 | 1"7/8 12h UNF | 1"5/8 12h UNF | **S2903832** |

## Racor macho JIC 37° - hembra fija BSP

Adaptor male JIC 37°-fixed female BSP

Adapteur mâle JIC x femelle gaz cyl

Adattatore maschio JIC 37° - femmina fissa BSP



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/8" BSP | **S2800610** |
| 6 | 1/4 | 7/16" 20h UNF | 1/4" BSP | **S2800613** |
| 8 | 5/16 | 1/2" 20h UNF | 1/8" BSP | **S2800810** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSP | **S2800813** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSP | **S2801013** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" BSP | **S2801017** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSP | **S2801217** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" BSP | **S2801221** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSP | **S2801621** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1/2" BSP | **S2802021** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" BSP | **S2802026** |
| 25 | 1 | 1"5/16 12h UNF | 1" BSP | **S2802533** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1"1/4 BSP | **S2803242** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/2 BSP | **S2803848** |

## Racor unión macho-hembra giratoria JIC 37°

Reducer adaptor male JIC -swivel female JIC 37° swivel female

Reducteur mâle JIC x femelle tournante JIC 37°

Adattatore di riduzione maschio-femmina girevole JIC 37°



| TUBO PIPE | | ROSCA (H) THREAD (F) | ROSCA (M) THREAD (M) | Referencia Part n° |
|---|---|---|---|---|
| 10 | 6 | 7/16" 20h UNF | 9/16" 18h UNF | **S2911006** |
| 12 | 6 | 3/4" 16h UNF | 7/16" 20h UNF | **S2911206** |
| 12 | 8 | 3/4" 16h UNF | 1/2" 20h UNF | **S2911208** |
| 12 | 10 | 3/4" 16h UNF | 9/16" 18h UNF | **S2911210** |
| 14-15-16 | 6 | 7/8" 14h UNF | 7/16" 20h UNF | **S2911606** |
| 14-15-16 | 10 | 7/8" 14h UNF | 9/16" 18h UNF | **S2911610** |
| 14-15-16 | 12 | 7/8" 14h UNF | 3/4" 16h UNF | **S2911612** |
| 18-20 | 6 | 1"1/16 12h UNF | 7/16" 20h UNF | **S2912006** |
| 18-20 | 12 | 1"1/16 12h UNF | 3/4" 16h UNF | **S2912012** |
| 25 | 18-20 | 1"5/16 12h UNF | 1"1/16 12h UNF | **S2912520** |
| 30-32 | 25 | 1"5/8 12h UNF | 1"5/16 12h UNF | **S2913225** |
| 38 | 30-32 | 1"7/8 12h UNF | 1"5/8 12h UNF | **S2913832** |

## Racor macho BSPT - hembra giratoria JIC 37°

Adaptor male BSPT-swivel female JIC 37°

Adapteur femelle tournante JIC x mâle gaz conique

Adattatore maschio BSPT - femmina girevole JIC 37°



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 1/4" BSPT | 7/16" 20h UNF | **S1500613** |
| 8 | 5/16 | 1/4" BSPT | 1/2" 20h UNF | **S1500813** |
| 10 | 3/8 | 1/4" BSPT | 9/16" 18h UNF | **S1501013** |
| 12 | 1/2 | 1/4" BSPT | 3/4" 16h UNF | **S1501213** |
| 12 | 1/2 | 3/8" BSPT | 3/4" 16h UNF | **S1501217** |
| 16 | 5/8 | 1//2" BSPT | 7/8" 14h UNF | **S1501621** |
| 20 | 3/4 | 1/2" BSPT | 1"1/16 12h UNF | **S1502021** |
| 20 | 3/4 | 3/4" BSPT | 1"1/16 12h UNF | **S1502026** |
| 25 | 1 | 3/4" BSPT | 1"5/16 12h UNF | **S1502526** |
| 25 | 1 | 1" BSPT | 1"5/16 12h UNF | **S1502533** |
| 32 | 1 1/4 | 1"1/4 BSPT | 1"5/8 12h UNF | **S1503242** |

## Adaptador hembra giratoria JIC - Macho BSP (60°)

Adaptor swivel female JIC 37° - BSP male 60°

Adapteur femelle tournante JIC x mâle BSP 60°

Adattatore maschio BSP 60° - femmina girevole JIC 37°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 7/16" UNF | **S2150604** |
| 1/4" BSP | 1/2" UNF | **S2150804** |
| 1/4" BSP | 9/16" UNF | **S2151004** |
| 3/8" BSP | 9/16" UNF | **S2151006** |
| 1/2" BSP | 9/16" UNF | **S2151008** |
| 3/8" BSP | 3/4" UNF | **S2151206** |
| 1/2" BSP | 3/4" UNF | **S2151208** |
| 1/2" BSP | 7/8" UNF | **S2151608** |
| 3/4" BSP | 1" 1/16 UNF | **S2152012** |
| 1" BSP | 1"5/16 UNF | **S2152516** |

TrAle®

# Racores JIC 37°

JIC 37° fittings

Raccords JIC 37°



## Adaptador Macho JIC - hembra giratoria JIC 37°

Adaptor male JIC - swivel female JIC

Adapteur mâle JIC x femelle tournante JIC

Adattatore maschio-femmina girevole JIC 37°



| ROSCA<br>THREAD | Referencia<br>Part n° |
|---|---|
| 7/16" 20h UNF | **S7400606** |
| 1/2" 20h UNF | **S7400808** |
| 9/16" 18h UNF | **S7401010** |
| 3/4" 16h UNF | **S7401212** |
| 7/8" 14h UNF | **S7401616** |
| 1" 1/16 12 h UNF | **S7402020** |
| 1" 5/16 12 h UNF | **S7402525** |

## Adaptador hembra giratoria JIC - Macho NPT (60°)

Adaptor swivel female JIC 37° - NPT male 60°

Adapteur femelle tournante JIC x mâle NPT 60°

Adattatore maschio NPT 60° - femmina girevole JIC 37°



| ROSCA<br>THREAD | | |
|---|---|---|
| 7/16" 20h UNF | 1/4" NPT | **S1600604** |
| 1/2" 20h UNF | 1/4" NPT | **S1600804** |
| 9/16" 18h UNF | 1/4" NPT | **S1601004** |
| 9/16" 18h UNF | 3/8" NPT | **S1601006** |
| 3/4" 16h UNF | 3/8" NPT | **S1601206** |
| 3/4" 16h UNF | 1/2" NPT | **S1601208** |
| 7/8" 14h UNF | 1/2" NPT | **S1601608** |
| 1" 1/16 12 h UNF | 3/4" NPT | **S1602012** |
| 1" 5/16 12 h UNF | 1" NPT | **S1602516** |

# Racores JIC 37°

JIC 37° fittings
Raccords JIC 37°
Raccordi JIC 37°

## Codo 90° macho - macho JIC 37°

90° Male elbow male JIC 37°-male JIC 37°

Adapteur coude 90° mâle JIC 37° x mâle JIC 37°

Adattatore a 90° maschio-maschio JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S50006** |
| 8 | 5/16 | 1/2" 20h UNF | **S50008** |
| 10 | 3/8 | 9/16" 18h UNF | **S50010** |
| 12 | 1/2 | 3/4" 16h UNF | **S50012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S50016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S50020** |
| 25 | 1 | 1"5/16 12h UNF | **S50025** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S50032** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S50038** |

## Codo 90° pasatabiques JIC 37°

90° Bulkhead coupling male JIC 37°-male JIC 37°

Adapteur coude 90° passe cloison mâle JIC 37° x mâle JIC 37° équipé

Adattatore a 90° passaparete maschio-maschio JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 6 | 7/16" 20h UNF | **S65006** |
| 8 | 8 | 1/2" 20h UNF | **S65008** |
| 10 | 10 | 9/16" 18h UNF | **S65010** |
| 12 | 12 | 3/4" 16h UNF | **S65012** |
| 14-15-16 | 14-15-16 | 7/8" 14h UNF | **S65016** |
| 18-20 | 18-20 | 1"1/16 12h UNF | **S65020** |
| 25 | 25 | 1"5/16 12h UNF | **S65025** |

## Codo 90° macho JIC 37° - macho BSPT

90° Male elbow male JIC 37° -male BSPT

Adapteur coude 90° mâle JIC 37° x mâle gaz conique

Adattatore a 90° maschio-maschio JIC 37°-BSPT



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/8" BSPT | **S5500610** |
| 6 | 1/4 | 7/16" 20h UNF | 1/4" BSPT | **S5500613** |
| 8 | 5/16 | 1/2" 20h UNF | 1/8" BSPT | **S5500810** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSPT | **S5500813** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSPT | **S5501013** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" BSPT | **S5501017** |
| 10 | 3/8 | 9/16" 18h UNF | 1/2" BSPT | **S5501021** |
| 12 | 1/2 | 3/4" 16h UNF | 1/4" BSPT | **S5501213** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSPT | **S5501217** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" BSPT | **S5501221** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 3/8" BSPT | **S5501617** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSPT | **S5501621** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 3/4" BSPT | **S5501626** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1/2" BSPT | **S5502021** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" BSPT | **S5502026** |
| 25 | 1 | 1"5/16 12h UNF | 3/4" BSPT | **S5502526** |
| 25 | 1 | 1"5/16 12h UNF | 1" BSPT | **S5502533** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1" BSPT | **S5503233** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1"1/4 BSPT | **S5503242** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/2 BSPT | **S5503848** |

## Codo 90° macho JIC 37° - macho NPT

90° Male elbow male JIC 37°-male NPT

Adapteur coude 90° mâle JIC 37° x mâle NPT

Adattatore a 90° maschio-maschio JIC 37°-NPT



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/8" NPT | **S5250610** |
| 6 | 1/4 | 7/16" 20h UNF | 1/4" NPT | **S5250613** |
| 8 | 5/16 | 1/2" 20h UNF | 1/8" NPT | **S5250810** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" NPT | **S5250813** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" NPT | **S5251013** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" NPT | **S5251017** |
| 10 | 3/8 | 9/16" 18h UNF | 1/2" NPT | **S5251021** |
| 12 | 1/2 | 3/4" 16h UNF | 1/4" NPT | **S5251213** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" NPT | **S5251217** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" NPT | **S5251221** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 3/8" NPT | **S5251617** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" NPT | **S5251621** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 3/4" NPT | **S5251626** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1/2" NPT | **S5252021** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" NPT | **S5252026** |
| 25 | 1 | 1"5/16 12h UNF | 3/4" NPT | **S5252526** |
| 25 | 1 | 1"5/16 12h UNF | 1" NPT | **S5252533** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1" NPT | **S5253233** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1" 1/4 NPT | **S5253242** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/2 NPT | **S5253848** |

# Racores JIC 37°

JIC 37° fittings

Raccords JIC 37°

Raccordi JIC 37°



## Codo 90° macho - hembra giratoria JIC 37°

90° Elbow male JIC 37° - swivel female JIC 37°

Adapteur coude 90° mâle JIC 37° x femelle tournante JIC 37°

Adattatore a 90° maschio-femmina girevole JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S67506** |
| 8 | 5/16 | 1/2" 20h UNF | **S67508** |
| 10 | 3/8 | 9/16" 18h UNF | **S67510** |
| 12 | 1/2 | 3/4" 16h UNF | **S67512** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S67516** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S67520** |
| 25 | 1 | 1"5/16 12h UNF | **S67525** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S67532** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S67538** |

## Codo 45° macho - hembra giratoria JIC 37°

45° Elbow male JIC 37°-swivel female JIC 37°

Adapteur coude 45° mâle JIC 37° x femelle tournante JIC 37°

Adattatore a 45° maschio-femmina girevole JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S69006** |
| 8 | 5/16 | 1/2" 20h UNF | **S69008** |
| 10 | 3/8 | 9/16" 18h UNF | **S69010** |
| 12 | 1/2 | 3/4" 16h UNF | **S69012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S69016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S69020** |
| 25 | 1 | 1"5/16 12h UNF | **S69025** |

## Codo 90° hembra giratoria JIC 37° - Macho NPT (60°)

90° Elbow NPT male (60°)- swivel female JIC 37°

Adapteur coude 90° femelle tournante JIC 37° x mâle NPT (60°)

Adattatore a 90° femmina girevole JIC 37°-maschio NPT (60°)



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/4" NPT | **S5950604** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" NPT | **S5950804** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" NPT | **S5951004** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" NPT | **S5951006** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" NPT | **S5951206** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" NPT | **S5951208** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" NPT | **S5951608** |
| 18-20 | 3/4 | 1" 1/16 12 h UNF | 3/4" NPT | **S5952012** |
| 25 | 1 | 1" 5/16 12 h UNF | 1" NPT | **S5952516** |

## Codo 90° hembra giratoria JIC 37° - hembra giratoria JIC 37°

90° Elbow swivel female JIC 37°-swivel female JIC 37°

Adapteur coude 90° femelle tournante JIC 37° x femelle tournante JIC 37°

Adattatore a 90° femmina girevole JIC 37°-femmina girevole JIC 37°



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 7/16" 20h UNF | **S6650606** |
| 8 | 1/2" 20h UNF | **S6650808** |
| 10 | 9/16" 18h UNF | **S6651010** |
| 12 | 3/4" 16h UNF | **S6651212** |
| 14-15-16 | 7/8" 14h UNF | **S6651616** |
| 18-20 | 1" 1/16 12 h UNF | **S6652020** |
| 25 | 1" 5/16 12 h UNF | **S6652525** |

# Racores JIC 37°

JIC 37° fittings

Raccordi JIC 37°

TrAle®

## Codo 90° macho JIC 37° - macho BSP orientable

90° Elbow male JIC 37°-BSP adjustable male

Adapteur orientable coude 90° mâle JIC 37° x mâle gaz cyl + o'ring équipé

Adattatore 90° maschio JIC 37° - maschio orientabile BSP



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/8" BSP | **S6000610** |
| 6 | 1/4 | 7/16" 20h UNF | 1/4" BSP | **S6000613** |
| 8 | 5/16 | 1/2" 20h UNF | 1/8" BSP | **S6000810** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSP | **S6000813** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSP | **S6001013** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" BSP | **S6001017** |
| 10 | 3/8 | 9/16" 18h UNF | 1/2" BSP | **S6001021** |
| 12 | 1/2 | 3/4" 16h UNF | 1/4" BSP | **S6001213** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSP | **S6001217** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" BSP | **S6001221** |
| 16 | 5/8 | 7/8" 14h UNF | 3/8" BSP | **S6001617** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSP | **S6001621** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1/2" BSP | **S6002021** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" BSP | **S6002026** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1" BSP | **S6002033** |
| 25 | 1 | 1"5/16 12h UNF | 3/4" BSP | **S6002526** |
| 25 | 1 | 1"5/16 12h UNF | 1" BSP | **S6002533** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1" BSP | **S6003233** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1"1/4 BSP | **S6003242** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/4 BSP | **S6003842** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/2 BSP | **S6003848** |

## Codo 45° macho JIC 37° - macho BSP orientable

45° Elbow male JIC 37°-BSP adjustable male

Adapteur coude 45° mâle JIC 37° x mâle gaz cyl + o'ring équipé

Adattatore 45° maschio JIC 37° - maschio orientabile BSP



| TUBO PIPE | | ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/4" BSP | NEW | **S6150613** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSP | | **S6150813** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSP | | **S6151013** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" BSP | NEW | **S6151017** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSP | | **S6151217** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" BSP | | **S6151221** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSP | | **S6151621** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 1/2" BSP | | **S6152021** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" BSP | | **S6152026** |
| 25 | 1 | 1"5/16 12h UNF | 1" BSP | | **S6152533** |

## Codo 90° macho JIC 37° - macho UNF orientable

90° Elbow male JIC 37°-unf adjustable male

Adapteur orientable coude 90° mâle JIC 37° x mâle UNF + o'ring équipé

Adattatore 90° maschio JIC 37° - maschio orientabile UNF



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h JIC | 7/16" 20h UNF | **S5750611** |
| 6 | 1/4 | 7/16" 20h JIC | 1/2" 20h UNF | **S5750612** |
| 8 | 5/16 | 1/2" 20h JIC | 1/2" 20h UNF | **S5750812** |
| 10 | 3/8 | 9/16" 18h JIC | 9/16" 18h UNF | **S5751014** |
| 10 | 3/8 | 9/16" 18h JIC | 3/4" 16h UNF | **S5751019** |
| 12 | 1/2 | 3/4" 16h JIC | 3/4" 16h UNF | **S5751219** |
| 12 | 1/2 | 3/4" 16h JIC | 7/8" 14h UNF | **S5751222** |
| 14-15-16 | 5/8 | 7/8" 14h JIC | 3/4" 16h UNF | **S5751619** |
| 14-15-16 | 5/8 | 7/8" 14h JIC | 7/8" 14h UNF | **S5751622** |
| 18-20 | 3/4 | 1"1/16 12h JIC | 7/8" 14h UNF | **S5752022** |
| 18-20 | 3/4 | 1"1/16 12h JIC | 1"1/16 12h UNF | **S5752027** |
| 25 | 1 | 1"5/16 12h JIC | 1"1/16 12h UNF | **S5752527** |
| 25 | 1 | 1"5/16 12h JIC | 1"5/16 12h UNF | **S5752533** |
| 30-32 | 1 1/4 | 1"5/8 12h JIC | 1"5/8 12h UNF | **S5753241** |
| 38 | 1 1/2 | 1"7/8 12h JIC | 1"7/8 12h UNF | **S5753848** |

## Codo 90° macho JIC 37° - macho métrico orientable

90° Elbow male JIC 37°-Metric adjustable male

Adapteur orientable coude 90° mâle JIC 37° x mâle Métrique + o'ring équipé

Adattatore 90° maschio JIC 37° - maschio orientabile metrico



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | M10x1 | **S6250610** |
| 8 | 5/16 | 1/2" 20h UNF | M12x1,5 | **S6250812** |
| 10 | 3/8 | 9/16" 18h UNF | M14x1,5 | **S6251014** |
| 12 | 1/2 | 3/4" 16h UNF | M16x1,5 | **S6251216** |
| 12 | 1/2 | 3/4" 16h UNF | M18x1,5 | **S6251218** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | M18x1,5 | **S6251618** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | M22x1,5 | **S6251622** |
| 18-20 | 3/4 | 1"1/16 12h UNF | M22x1,5 | **S6252022** |
| 18-20 | 3/4 | 1"1/16 12h UNF | M27x2 | **S6252027** |
| 25 | 1 | 1"5/16 12h UNF | M33x2 | **S6252533** |

## Codo 45° macho JIC 37° - macho UNF orientable

45° Elbow male JIC 37°-UNF adjustable male

Adapteur coude 45° mâle JIC 37° x mâle gaz UNF + o'ring équipé

Adattatore 45° maschio JIC 37° - maschio orientabile UNF



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h JIC | 7/16" 20h UNF | **S7750611** |
| 8 | 5/16 | 1/2" 20h JIC | 1/2" 20h UNF | **S7750812** |
| 10 | 3/8 | 9/16" 18h JIC | 9/16" 18h UNF | **S7751014** |
| 12 | 1/2 | 3/4" 16h JIC | 3/4" 16h UNF | **S7751219** |
| 14-15-16 | 5/8 | 7/8" 14h JIC | 7/8" 14h UNF | **S7751622** |
| 18-20 | 3/4 | 1"1/16 12h JIC | 1"1/16 12h UNF | **S7752027** |
| 25 | 1 | 1"5/16 12h JIC | 1"5/16 12h UNF | **S7752533** |

# Racores JIC 37°

Raccords JIC 37°
Raccordi JIC 37°



## Tes macho JIC 37°

Union Tee male JIC 37°

Tés égaux mâle JIC 37°

Adattatore a T maschio JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S50506** |
| 8 | 5/16 | 1/2" 20h UNF | **S50508** |
| 10 | 3/8 | 9/16" 18h UNF | **S50510** |
| 12 | 1/2 | 3/4" 16h UNF | **S50512** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S50516** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S50520** |
| 25 | 1 | 1"5/16 12h UNF | **S50525** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S50532** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S50538** |

## Tes macho-macho-hembra giratoria JIC 37°

Swivel barrel tee male JIC 37°- male JIC 37°- swivel female JIC 37°

Tés égaux tournantes JIC 37° au latéral

Adattatore a T maschio JIC 37° - femmina girevole laterale JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S68006** |
| 8 | 5/16 | 1/2" 20h UNF | **S68008** |
| 10 | 3/8 | 9/16" 18h UNF | **S68010** |
| 12 | 1/2 | 3/4" 16h UNF | **S68012** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S68016** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S68020** |
| 25 | 1 | 1"5/16 12h UNF | **S68025** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S68032** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S68038** |

## Tes macho-hembra giratoria-macho JIC 37°

Swivel brunch tee male JIC 37°-swivel female JIC 37°- male JIC 37°

Tés égaux tournantes JIC 37° au centre

Adattatore a T maschio JIC 37° - femmina girevole centrale JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S68506** |
| 8 | 5/16 | 1/2" 20h UNF | **S68508** |
| 10 | 3/8 | 9/16" 18h UNF | **S68510** |
| 12 | 1/2 | 3/4" 16h UNF | **S68512** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S68516** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S68520** |
| 25 | 1 | 1"5/16 12h UNF | **S68525** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | **S68532** |
| 38 | 1 1/2 | 1"7/8 12h UNF | **S68538** |

## Te H.G. JIC 37°

Tee swivel female JIC 37°

Té femelle tournante JIC

Adattatore a T femmina girevole JIC 37°



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S6700606** |
| 8 | 5/16 | 1/2" 20h UNF | **S6700808** |
| 10 | 3/8 | 9/16" 18h UNF | **S6701010** |
| 12 | 1/2 | 3/4" 16h UNF | **S6701212** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S6701616** |
| 18-20 | 3/4 | 1" 1/16 12 h UNF | **S6702020** |
| 25 | 1 | 1" 5/16 12 h UNF | **S6702525** |

## Te Macho JIC 37° - Macho BSPT (60°) - Macho JIC 37°

Brunch tee male JIC 37°-BSPT male 60° -male JIC 37°

Té mâle JIC 37° - mâle BSPT 60° - mâle JIC 37°

Adattatore a T maschio JIC 37° - maschio centrale BSPT



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/4" BSPT | **S6810604** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSPT | **S6810804** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSPT | **S6811004** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" BSPT | **S6811006** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSPT | **S6811206** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" BSPT | **S6811208** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSPT | **S6811608** |
| 18-20 | 3/4 | 1" 1/16 12 h UNF | 3/4" BSPT | **S6812012** |
| 25 | 1 | 1" 5/16 12 h UNF | 1" BSPT | **S6812516** |

## Te Macho JIC 37° - Macho NPT (60°) - Macho JIC 37°

Brunch tee male JIC 37°-NPT male 60° -male JIC 37°

Té mâle JIC 37° - mâle NPT 60° - mâle JIC 37°

Adattatore a T maschio JIC 37° - maschio centrale NPT



| TUBO PIPE | | ROSCA THREAD | R2 | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/4" NPT | **S6950604** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" NPT | **S6950804** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" NPT | **S6951004** |
| 10 | 3/8 | 9/16" 18h UNF | 3/8" NPT | **S6951006** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" NPT | **S6951206** |
| 12 | 1/2 | 3/4" 16h UNF | 1/2" NPT | **S6951208** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" NPT | **S6951608** |
| 18-20 | 3/4 | 1" 1/16 12 h UNF | 3/4" NPT | **S6952012** |
| 25 | 1 | 1" 5/16 12 h UNF | 1" NPT | **S6952516** |

# Racores JIC 37°

JIC 37° fittings

Raccords JIC 37°

Raccordi JIC 37°

## Te macho JIC37° - macho orientable BSP - macho JIC37°

Tee male JIC 37°-BSP adjustable brunch male-male JIC 37°

Té mâle JIC 37° - mâle orientable BSP - mâle JIC 37°

Adattatore a T maschio JIC 37° - maschio centrale orientabile BSP



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | 1/4" BSP | **S6100613** |
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSP | **S6100813** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSP | **S6101013** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSP | **S6101217** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSP | **S6101621** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" BSP | **S6102026** |
| 25 | 1 | 1"5/16 12h UNF | 1" BSP | **S6102533** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1"1/4 BSP | **S6103242** |

## Te macho JIC 37° - macho orientable UNF-macho JIC37°

Tee male JIC 37°-adjustable brunch UNF-male JIC 37°

Té mâle JIC 37° - mâle orientable UNF - mâle JIC 37°

Adattatore a T maschio JIC 37° - maschio centrale orientabile UNF



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 1/4 | 7/16" 20h UNF | **S5850611** |
| 8 | 5/16 | 1/2" 20h UNF | **S5850812** |
| 10 | 3/8 | 9/16" 18h UNF | **S5851014** |
| 12 | 1/2 | 3/4" 16h UNF | **S5851219** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | **S5851622** |
| 18-20 | 3/4 | 1"1/16 12h UNF | **S5852027** |
| 25 | 1 | 1"5/16 12h UNF | **S5852533** |

## Te macho JIC 37° - macho orientable métrico-macho JIC37°

Tee male JIC 37°-metric adjustable brunch male-male JIC 37°

Té mâle JIC 37° - mâle orientable Métrique - mâle JIC 37°

Adattatore a T maschio JIC 37° - maschio centrale orientabile metrico



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 8 | 5/16 | 1/2" JIC | M12X1.5 | **S6350812** |
| 10 | 3/8 | 9/16" JIC | M14X1.5 | **S6351014** |
| 12 | 1/2 | 3/4" JIC | M18x1.5 | **S6351218** |
| 14-15-16 | 5/8 | 7/8" JIC | M18X1.5 | **S6351618** |
| 14-15-16 | 5/8 | 7/8" JIC | M22X1.5 | **S6351622** |
| 18-20 | 3/4 | 1"1/16 JIC | M27X2 | **S6352027** |
| 25 | 1 | 1"5/16 JIC | M33X2 | **S6352533** |

## Te macho JIC 37° - macho JIC37° - macho orientable BSP

Tee male JIC 37°-male JIC 37°-male BSP adjustable barrel

Té mâle JIC 37° - mâle JIC 37° - mâle orientable BSP

Adattatore a T maschio JIC 37° - maschio laterale orientabile BSP



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 8 | 5/16 | 1/2" 20h UNF | 1/4" BSP | **S6050813** |
| 10 | 3/8 | 9/16" 18h UNF | 1/4" BSP | **S6051013** |
| 12 | 1/2 | 3/4" 16h UNF | 3/8" BSP | **S6051217** |
| 14-15-16 | 5/8 | 7/8" 14h UNF | 1/2" BSP | **S6051621** |
| 18-20 | 3/4 | 1"1/16 12h UNF | 3/4" BSP | **S6052026** |
| 25 | 1 | 1"5/16 12h UNF | 1" BSP | **S6052533** |
| 30-32 | 1 1/4 | 1"5/8 12h UNF | 1"1/4 BSP | **S6053242** |
| 38 | 1 1/2 | 1"7/8 12h UNF | 1"1/2 BSP | **S6053848** |

## Te macho JIC 37° - macho JIC37° - macho orientable UNF

Tee male JIC 37°-male JIC37° - adjustable barrel UNF

Té mâle JIC 37° - mâle JIC 37° - mâle orientable UNF

Adattatore a T maschio JIC 37° - maschio laterale orientabile UNF



| TUBO PIPE | | ROSCA THREAD | | Referencia Part n° |
|---|---|---|---|---|
| 6 | 1/4 | 7/16" JIC | 7/16" UNF | **S5800611** |
| 8 | 5/16 | 1/2" JIC | 1/2" UNF | **S5800812** |
| 10 | 3/8 | 9/16" JIC | 9/16" UNF | **S5801014** |
| 16 | 5/8 | 7/8" JIC | 7/8" UNF | **S5801622** |
| 20 | 3/4 | 1"1/16 JIC | 1"1/16 UNF | **S5802027** |
| 25 | 1 | 1"5/16 JIC | 1"5/16 UNF | **S5802533** |

# Bridas SAE



SAE Flanges
Brides de fixation SAE
Flange SAE



# 03

# BRIDAS SAE

SAE Flanges

Brides de fixation SAE

Flange SAE

# Bridas SAE

SAE Flanges
Brides de fixation SAE
Flange SAE

Bridas Roscadas ▪ Threaded flanges ▪ Brides taraudées ▪ Flangia filettate | 254



Bridas soldables tubo gas ▪ Welding flanges for gas tube ▪ Brides à souder pour tube gaz ▪ Flangia a saldare per tubo gas | 255



BBSG BCSG B90SG

Bridas soldables tubo métrico ▪ Welding flanges for metric tube ▪ Brides à souder pour tube métrique ▪ Flangia a saldare per tubo Metrico | 256



Bridas soldables macho ▪ Male welding flanges ▪ Brides à souder mâle ▪ Flangia a saldare maschio | 257



Accesorios bridas ▪ Flange accessories ▪ Accessoires pour brides ▪ Accesori flangia | 258



Bridas roscadas macho ▪ Male threaded flanges ▪ Brides taraudées mâle ▪ Flangia filettate maschio | 259



BMRG BMRM

Bridas ciegas ▪ Blind flanges ▪ Brides avec obturateur fermé ▪ Flangia cieche | 259



Bridas para flexibles ▪ SAE Flanges for hoses ▪ Brides SAE pour flexibles ▪ Flangia SAE per tubi flessibili | 260



Conos soldar ▪ Welding adaptors for flanges ▪ Collets à souder ▪ Codoli a saldare | 261



BSM31/61 BSM30/60

# Bridas SAE

SAE Flanges

Brides de fixation SAE

Flange SAE



Bridas Cetop ▪ Cetop flanges ▪ Brides Cetop ▪ Flangia Cetop | 261



BCTS



BCT

# Bridas SAE

SAE Flanges

Brides de fixation SAE

Flange SAE

TrAle®

## Brida roscada hembra BSP

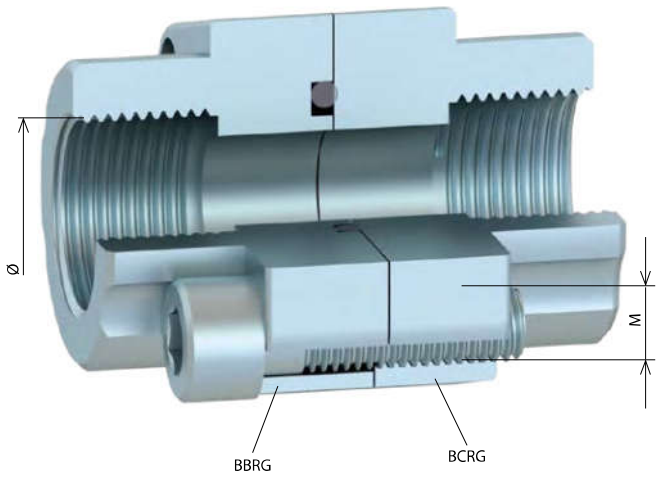
BSP Female threaded flange

Bride taraudée femelle BSP

Flangia filettata femmina BSP



| SERIE | ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 1/2" BSP | 1/2" | **BBRG30808** |
| 3000 PSI | 3/8" BSP | 1/2" | **BBRG30806** |
| 3000 PSI | 3/4" BSP | 3/4" | **BBRG31212** |
| 3000 PSI | 1/2" BSP | 3/4" | **BBRG31208** |
| 3000 PSI | 1" BSP | 1" | **BBRG31616** |
| 3000 PSI | 3/4" BSP | 1" | **BBRG31612** |
| 3000 PSI | 1"1/4 BSP | 1"1/4 | **BBRG32020** |
| 3000 PSI | 1" BSP | 1"1/4 | **BBRG32016** |
| 3000 PSI | 1"1/2 BSP | 1"1/2 | **BBRG32424** |
| 3000 PSI | 1"1/4 BSP | 1"1/2 | **BBRG32420** |
| 3000 PSI | 2" BSP | 2" | **BBRG33232** |
| 3000 PSI | 1"1/2 BSP | 2" | **BBRG33224** |
| 3000 PSI | 2"1/2 BSP | 2"1/2 | **BBRG34040** |
| 3000 PSI | 2" BSP | 2"1/2 | **BBRG34032** |
| 3000 PSI | 2"1/2 BSP | 3" | **BBRG34840** |
| 3000 PSI | 3" BSP | 3" | **BBRG34848** |
| 3000 PSI | 3"1/2 BSP | 3"1/2 | **BBRG35656** |
| 3000 PSI | 3" BSP | 3"1/2 | **BBRG35648** |
| 3000 PSI | 4" BSP | 4" | **BBRG36464** |
| 3000 PSI | 3"1/2 BSP | 4" | **BBRG36456** |
| 6000 PSI | 1/2" BSP | 1/2" | **BBRG60808** |
| 6000 PSI | 3/8" BSP | 1/2" | **BBRG60806** |
| 6000 PSI | 3/4" BSP | 3/4" | **BBRG61212** |
| 6000 PSI | 1/2" BSP | 3/4" | **BBRG61208** |
| 6000 PSI | 1" BSP | 1" | **BBRG61616** |
| 6000 PSI | 3/4" BSP | 1" | **BBRG61612** |
| 6000 PSI | 1"1/4 BSP | 1"1/4 | **BBRG62020** |
| 6000 PSI | 1" BSP | 1"1/4 | **BBRG62016** |
| 6000 PSI | 1"1/4 BSP | 1"1/2 | **BBRG62420** |
| 6000 PSI | 1"1/2 BSP | 1"1/2 | **BBRG62424** |
| 6000 PSI | 2" BSP | 2" | **BBRG63232** |
| 6000 PSI | 1"1/2 BSP | 2" | **BBRG63224** |




## Contrabrida roscada hembra BSP

BSP Female threaded counter-flange

Contre-bride taraudée femelle BSP

Controflangia filettata femmina BSP



| SERIE | ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 1/2" BSP | 1/2" | **BCRG30808** |
| 3000 PSI | 3/8" BSP | 1/2" | **BCRG30806** |
| 3000 PSI | 3/4" BSP | 3/4" | **BCRG31212** |
| 3000 PSI | 1/2" BSP | 3/4" | **BCRG31208** |
| 3000 PSI | 1" BSP | 1" | **BCRG31616** |
| 3000 PSI | 3/4" BSP | 1" | **BCRG31612** |
| 3000 PSI | 1"1/4 BSP | 1"1/4 | **BCRG32020** |
| 3000 PSI | 1" BSP | 1"1/4 | **BCRG32016** |
| 3000 PSI | 1"1/2 BSP | 1"1/2 | **BCRG32424** |
| 3000 PSI | 1"1/4 BSP | 1"1/2 | **BCRG32420** |
| 3000 PSI | 2" BSP | 2" | **BCRG33232** |
| 3000 PSI | 1"1/2 BSP | 2" | **BCRG33224** |
| 3000 PSI | 2"1/2 BSP | 2"1/2 | **BCRG34040** |
| 3000 PSI | 2" BSP | 2"1/2 | **BCRG34032** |
| 3000 PSI | 3" BSP | 3" | **BCRG34848** |
| 3000 PSI | 2"1/2 BSP | 3" | **BCRG34840** |
| 3000 PSI | 3"1/2 BSP | 3"1/2 | **BCRG35656** |
| 3000 PSI | 3" BSP | 3"1/2 | **BCRG35648** |
| 3000 PSI | 4" BSP | 4" | **BCRG36464** |
| 3000 PSI | 3"1/2 BSP | 4" | **BCRG36456** |
| 6000 PSI | 1/2" BSP | 1/2" | **BCRG60808** |
| 6000 PSI | 3/8" BSP | 1/2" | **BCRG60806** |
| 6000 PSI | 3/4" BSP | 3/4" | **BCRG61212** |
| 6000 PSI | 1/2" BSP | 3/4" | **BCRG61208** |
| 6000 PSI | 1" BSP | 1" | **BCRG61616** |
| 6000 PSI | 3/4" BSP | 1" | **BCRG61612** |
| 6000 PSI | 1"1/4 BSP | 1"1/4 | **BCRG62020** |
| 6000 PSI | 1" BSP | 1"1/4 | **BCRG62016** |
| 6000 PSI | 1"1/2 BSP | 1"1/2 | **BCRG62424** |
| 6000 PSI | 1"1/4 BSP | 1"1/2 | **BCRG62420** |
| 6000 PSI | 2" BSP | 2" | **BCRG63232** |
| 6000 PSI | 1"1/2 BSP | 2" | **BCRG63224** |

## Brida codo 90° roscada hembra BSP

90° BSP female threaded flange

Bride 90° taraudée femelle BSP

Flangia a 90° filettata femmina BSP



| SERIE | ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 1/2" BSP | 1/2" | **B90RG30808** |
| 3000 PSI | 3/8" BSP | 1/2" | **B90RG30806** |
| 3000 PSI | 3/4" BSP | 3/4" | **B90RG31212** |
| 3000 PSI | 1" BSP | 1" | **B90RG31616** |
| 3000 PSI | 1"1/4 BSP | 1"1/4 | **B90RG32020** |
| 3000 PSI | 1"1/2 BSP | 1"1/2 | **B90RG32424** |
| 3000 PSI | 2" BSP | 2" | **B90RG33232** |
| 6000 PSI | 1/2" BSP | 1/2" | **B90RG60808** |
| 6000 PSI | 3/8" BSP | 1/2" | **B90RG60806** |
| 6000 PSI | 3/4" BSP | 3/4" | **B90RG61212** |
| 6000 PSI | 1" BSP | 1" | **B90RG61616** |
| 6000 PSI | 1"1/4 BSP | 1"1/4 | **B90RG62020** |
| 6000 PSI | 1"1/2 BSP | 1"1/2 | **B90RG62424** |

# Bridas SAE

SAE Flanges

Brides de fixation SAE



## Brida soldable hembra tubo gas

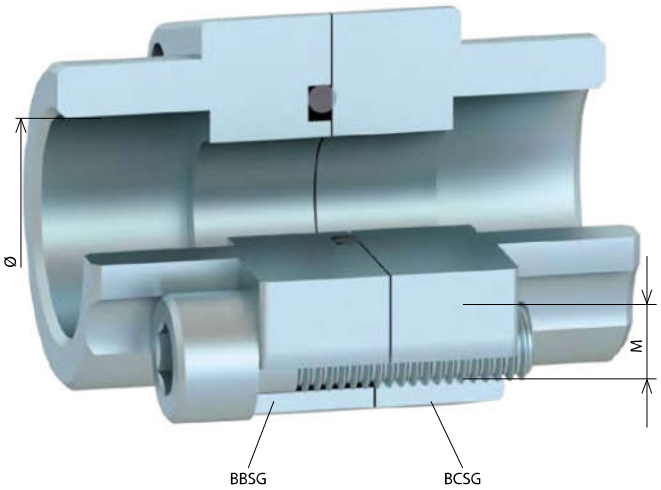
Welding female flange for gas tube

Bride à souder femelle tube gaz

Flangia a saldare di tasca per tubo gas



| SERIE | Ø INT. Ø INNER | TAMAÑO SIZE | Referencia Part nº |
|---|---|---|---|
| 3000 PSI | 21.6 | 1/2" | **BBSG308216** |
| 3000 PSI | 17.5 | 1/2" | **BBSG308175** |
| 3000 PSI | 27.2 | 3/4" | **BBSG312272** |
| 3000 PSI | 34 | 1" | **BBSG316340** |
| 3000 PSI | 42.8 | 1"1/4 | **BBSG320428** |
| 3000 PSI | 48.6 | 1"1/2 | **BBSG324486** |
| 3000 PSI | 61 | 2" | **BBSG332610** |
| 3000 PSI | 76.6 | 2"1/2 | **BBSG340766** |
| 3000 PSI | 90.5 | 3" | **BBSG348905** |
| 3000 PSI | 103 | 3"1/2 | **BBSG3561030** |
| 3000 PSI | 115.5 | 4" | **BBSG341155** |
| 6000 PSI | 17.5 | 1/2" | **BBSG608175** |
| 6000 PSI | 21.6 | 1/2" | **BBSG608216** |
| 6000 PSI | 27.2 | 3/4" | **BBSG612272** |
| 6000 PSI | 34 | 1" | **BBSG621612** |
| 6000 PSI | 42.8 | 1"1/4 | **BBSG620428** |
| 6000 PSI | 48.6 | 1"1/2 | **BBSG624486** |
| 6000 PSI | 61 | 2" | **BBSG632610** |




## Contrabrida soldable hembra tubo gas

Welding female counter-flange for gas tube

Contre-bride à souder femelle tube gaz

Controflangia a saldare di tasca per tubo gas



| SERIE | Ø INT. Ø INNER | TAMAÑO SIZE | Referencia Part nº |
|---|---|---|---|
| 3000 PSI | 21.6 | 1/2" | **BCSG308216** |
| 3000 PSI | 17.5 | 1/2" | **BCSG308175** |
| 3000 PSI | 27.2 | 3/4" | **BCSG312272** |
| 3000 PSI | 34 | 1" | **BCSG316340** |
| 3000 PSI | 42.8 | 1"1/4 | **BCSG320428** |
| 3000 PSI | 48.6 | 1"1/2 | **BCSG324486** |
| 3000 PSI | 61 | 2" | **BCSG332610** |
| 3000 PSI | 76.6 | 2"1/2 | **BCSG340766** |
| 3000 PSI | 90.5 | 3" | **BCSG348905** |
| 3000 PSI | 103 | 3"1/2 | **BCSG3561030** |
| 3000 PSI | 115.5 | 4" | **BCSG3641155** |
| 6000 PSI | 21.6 | 1/2" | **BCSG608216** |
| 6000 PSI | 27.2 | 3/4" | **BCSG612272** |
| 6000 PSI | 34 | 1" | **BCSG616340** |
| 6000 PSI | 42.8 | 1"1/4 | **BCSG620428** |
| 6000 PSI | 48.6 | 1"1/2 | **BCSG624486** |
| 6000 PSI | 61 | 2" | **BCSG632610** |

## Brida codo 90° soldable hembra tubo gas

90° welding female flange for gas tube

Bride 90° à souder femelle tube gaz

Flangia a 90° a saldare di tasca per tubo gas



| SERIE | Ø INT. Ø INNER | TAMAÑO SIZE | Referencia Part nº |
|---|---|---|---|
| 3000 PSI | 21.6 | 1/2" | **B90SG308216** |
| 3000 PSI | 17.5 | 1/2" | **B90SG308175** |
| 3000 PSI | 27.2 | 3/4" | **B90SG312272** |
| 3000 PSI | 34 | 1" | **B90SG316340** |
| 3000 PSI | 42.8 | 1"1/4 | **B90SG320428** |
| 3000 PSI | 48.6 | 1"1/2 | **B90SG324486** |
| 3000 PSI | 61 | 2" | **B90SG332610** |
| 6000 PSI | 21.6 | 1/2" | **B90SG608216** |
| 6000 PSI | 17.5 | 1/2" | **B90SG608175** |
| 6000 PSI | 27.2 | 3/4" | **B90SG612272** |
| 6000 PSI | 34 | 1" | **B90SG616340** |
| 6000 PSI | 42.8 | 1"1/4 | **B90SG620428** |
| 6000 PSI | 48.6 | 1"1/2 | **B90SG624486** |

# Bridas SAE

SAE Flanges
Brides de fixation SAE
Flange SAE

## Brida soldable hembra tubo métrico

Female welding flange for metric tube

Bride à souder femelle tube métrique

Flangia a saldare di tasca per tubo Metrico



| SERIE | Ø INT. Ø INNER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 20.3 | 1/2" | **BBSM308203** |
| 3000 PSI | 25.3 | 3/4" | **BBSM312253** |
| 3000 PSI | 30.3 | 1" | **BBSM316303** |
| 3000 PSI | 38.3 | 1"1/4 | **BBSM320383** |
| 3000 PSI | 50.5 | 1"1/2 | **BBSM324505** |
| 6000 PSI | 20.3 | 1/2" | **BBSM608203** |
| 6000 PSI | 25.3 | 3/4" | **BBSM612253** |
| 6000 PSI | 30.3 | 1" | **BBSM616303** |
| 6000 PSI | 38.3 | 1"1/4 | **BBSM620383** |
| 6000 PSI | 50.5 | 1"1/2 | **BBSM624505** |

## Brida codo 90° soldable hembra tubo métrico

90° female welding flange for metric tube

Bride 90° à souder femelle tube métrique

Flangia a 90° a saldare di tasca per tubo Metrico



| SERIE | Ø INT. Ø INNER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 20.3 | 1/2" | **B90SM308203** |
| 3000 PSI | 25.3 | 3/4" | **B90SM312253** |
| 3000 PSI | 30.3 | 1" | **B90SM316303** |
| 3000 PSI | 38.3 | 1"1/4 | **B90SM320383** |
| 3000 PSI | 50.5 | 1"1/2 | **B90SM324505** |
| 6000 PSI | 20.3 | 1/2" | **B90SM608203** |
| 6000 PSI | 25.3 | 3/4" | **B90SM612253** |
| 6000 PSI | 30.3 | 1" | **B90SM616303** |
| 6000 PSI | 38.3 | 1"1/4 | **B90SM620383** |
| 6000 PSI | 50.3 | 1"1/2 | **B90SM624503** |

## Contrabrida soldable hembra tubo métrico

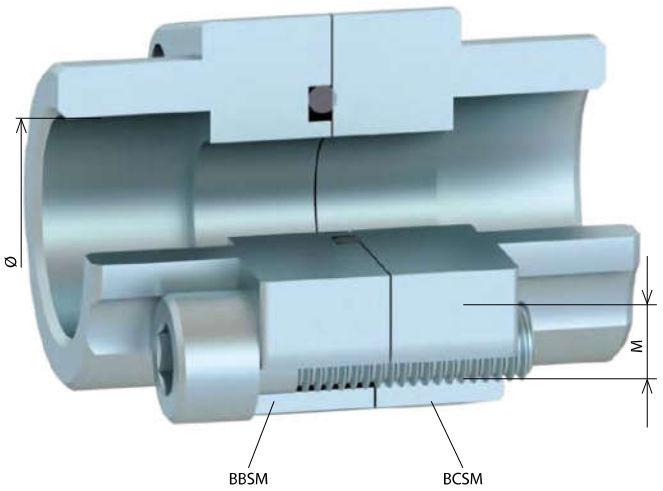
Female welding counter-flange for metric tube

Contre-bride à souder femelle tube métrique

Controflangia a saldare di tasca per tubo Metrico



| SERIE | Ø INT. Ø INNER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 20.3 | 1/2" | **BCSM308203** |
| 3000 PSI | 25.3 | 3/4" | **BCSM312253** |
| 3000 PSI | 30.3 | 1" | **BCSM316303** |
| 3000 PSI | 38.3 | 1"1/4 | **BCSM320383** |
| 6000 PSI | 20.3 | 1/2" | **BCSM608203** |
| 6000 PSI | 25.3 | 3/4" | **BCSM612253** |
| 6000 PSI | 30.3 | 1" | **BCSM616303** |
| 6000 PSI | 38.3 | 1"1/4 | **BCSM620383** |
| 6000 PSI | 50.5 | 1"1/2 | **BCSM624505** |



# Bridas SAE

SAE Flanges

Flange SAE

## Brida soldable macho tubo gas

Male welding flange for gas tube

Bride à souder mâle tube gaz

Flangia a saldare di testa tubo gas



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | |
|---|---|---|---|
| 3000 PSI | 21.5 | 1/2" | **BMSG308215** |
| 3000 PSI | 17.5 | 1/2" | **BMSG308175** |
| 3000 PSI | 28 | 3/4" | **BMSG312280** |
| 3000 PSI | 34 | 1" | **BMSG316340** |
| 3000 PSI | 42.8 | 1"1/4 | **BMSG320428** |
| 3000 PSI | 48.6 | 1"1/2 | **BMSG324486** |
| 3000 PSI | 61 | 2" | **BMSG332610** |
| 3000 PSI | 77 | 2"1/2 | **BMSG340770** |
| 3000 PSI | 92 | 3" | **BMSG348920** |
| 3000 PSI | 103 | 3"1/2 | **BMSG356103** |
| 6000 PSI | 21.5 | 1/2" | **BMSG608215** |
| 6000 PSI | 17.5 | 1/2" | **BMSG608175** |
| 6000 PSI | 28 | 3/4" | **BMSG612280** |
| 6000 PSI | 34 | 1" | **BMSG616340** |
| 6000 PSI | 42.8 | 1"1/4 | **BMSG620428** |
| 6000 PSI | 48.6 | 1"1/2 | **BMSG624486** |
| 6000 PSI | 61 | 2" | **BMSG632610** |

## Contrabrida soldable macho tubo gas

Male welding counter-flange for gas tube

Contre-bride à souder mâle tube gaz

Controflangia a saldare di testa tubo gas



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 21.5 | 1/2" | **BCMSG308215** |
| 3000 PSI | 17.5 | 1/2" | **BCMSG308175** |
| 3000 PSI | 28 | 3/4" | **BCMSG312280** |
| 3000 PSI | 34 | 1" | **BCMSG316340** |
| 3000 PSI | 42.8 | 1"1/4 | **BCMSG320428** |
| 3000 PSI | 48.6 | 1"1/2 | **BCMSG324486** |
| 3000 PSI | 61 | 2" | **BCMSG332610** |
| 3000 PSI | 77 | 2"1/2 | **BCMSG340770** |
| 3000 PSI | 92 | 3" | **BCMSG348920** |
| 3000 PSI | 103 | 3"1/2 | **BCMSG561030** |
| 3000 PSI | 115.5 | 4" | **BCMSG3641155** |
| 6000 PSI | 21.5 | 1/2" | **BCMSG608215** |
| 6000 PSI | 17.5 | 1/2" | **BCMSG608175** |
| 6000 PSI | 28 | 3/4" | **BCMSG612280** |
| 6000 PSI | 34 | 1" | **BCMSG616340** |
| 6000 PSI | 42.8 | 1"1/4 | **BCMSG620428** |
| 6000 PSI | 48.6 | 1"1/2 | **BCMSG624486** |
| 6000 PSI | 61 | 2" | **BCMSG632610** |

## Brida soldable macho tubo métrico

Male welding flange for metric tube

Bride à souder mâle tube métrique

Flangia a saldare di testa tubo Metrico



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 25 | 3/4" | **BMSM31225** |
| 3000 PSI | 30 | 1" | **BMSM31630** |
| 3000 PSI | 38 | 1"1/4 | **BMSM32038** |
| 3000 PSI | 42 | 1"1/2 | **BMSM32442** |
| 3000 PSI | 61 | 2" | **BMSM33261** |
| 3000 PSI | 49 | 2" | **BMSM33249** |
| 3000 PSI | 77 | 3" | **BMSM34877** |
| 3000 PSI | 77 | 3"1/2 | **BMSM35677** |
| 3000 PSI | 90 | 3"1/2 | **BMSM35690** |
| 3000 PSI | 77 | 4" | **BMSM36477** |
| 3000 PSI | 90 | 4" | **BMSM36490** |
| 6000 PSI | 20 | 1/2" | **BMSM60820** |
| 6000 PSI | 20 | 3/4" | **BMSM61220** |
| 6000 PSI | 25 | 3/4" | **BMSM61225** |
| 6000 PST | 25 | 1" | **BMSM61625** |
| 6000 PSI | 30 | 1" | **BMSM61630** |
| 6000 PSI | 38 | 1"1/4 | **BMSM62038** |
| 6000 PSI | 38 | 1"1/2 | **BMSM62438** |
| 6000 PSI | 61 | 2" | **BMSM63261** |

## Contrabrida soldable macho tubo métrico

Male welding counter-flange for metric tube

Contre-bride à souder mâle tube métrique

Controflangia a saldare di testa tubo Metrico



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 25 | 3/4" | **BCMSM31225** |
| 3000 PSI | 30 | 1" | **BCMSM31630** |
| 3000 PSI | 38 | 1"1/4 | **BCMSM32038** |
| 3000 PSI | 42 | 1"1/2 | **BCMSM32442** |
| 3000 PSI | 49 | 1"1/2 | **BCMSM32449** |
| 3000 PSI | 61 | 2" | **BCMSM33261** |
| 3000 PSI | 49 | 2" | **BCMSM33249** |
| 3000 PSI | 77 | 2"1/2 | **BCMSM34077** |
| 3000 PSI | 77 | 3" | **BCMSM34877** |
| 3000 PSI | 77 | 3"1/2 | **BCMSM35677** |
| 3000 PSI | 90 | 3"1/2 | **BCMSM35690** |
| 3000 PSI | 90 | 4" | **BCMSM36490** |
| 6000 PSI | 20 | 1/2" | **BCMSM60820** |
| 6000 PSI | 20 | 3/4" | **BCMSM61220** |
| 6000 PSI | 25 | 3/4" | **BCMSM61225** |
| 6000 PSI | 25 | 1" | **BCMSM61625** |
| 6000 PSI | 30 | 1" | **BCMSM61630** |
| 6000 PSI | 38 | 1"1/4 | **BCMSM62038** |
| 6000 PSI | 38 | 1"1/2 | **BCMSM62438** |
| 6000 PSI | 61 | 2" | **BCMSM63261** |

# Bridas SAE

SAE Flanges
Brides de fixation SAE
Flange SAE

## Brida soldable macho serie L tubo métrico

Male welding flange L serie for metric tube

Bride à souder mâle série L tube métrique

Flangia a saldare di testa serie L tubo Metrico



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 20 | 1/2" | **BMSLM30820** |
| 3000 PSI | 22 | 1/2" | **BMSLM30822** |
| 3000 PSI | 28 | 3/4" | **BMSLM31228** |
| 3000 PSI | 35 | 1" | **BMSLM31635** |
| 3000 PSI | 43 | 1"1/4 | **BMSLM32043** |
| 3000 PSI | 49 | 1"1/2 | **BMSLM32449** |
| 3000 PSI | 61 | 2" | **BMSLM33261** |
| 3000 PSI | 77 | 2"1/2 | **BMSLM34077** |
| 3000 PSI | 90 | 3" | **BMSLM34890** |
| 3000 PSI | 115 | 4" | **BMSLM364115** |

## Contrabrida soldable macho serie L tubo métrico

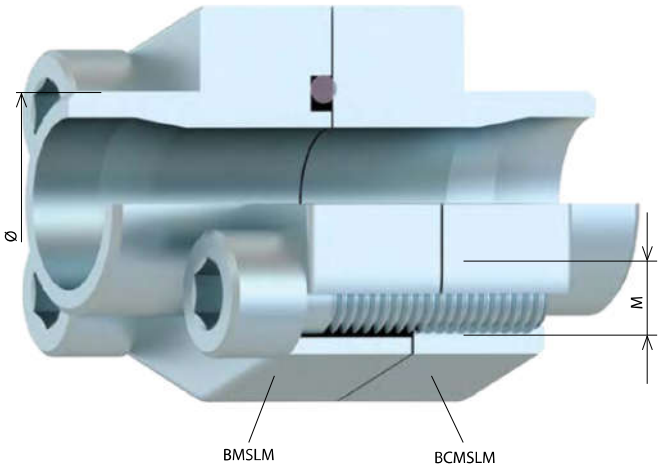
Male welding counter-flange L serie for metric tube

Contre-bride à souder mâle série L tube métrique

Controflangia a saldare di testa serie L tubo Metrico



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 20 | 1/2" | **BCMSLM30820** |
| 3000 PSI | 22 | 1/2" | **BCMSLM30822** |
| 3000 PSI | 28 | 3/4" | **BCMSLM31228** |
| 3000 PSI | 35 | 1" | **BCMSLM31635** |
| 3000 PSI | 43 | 1"1/4 | **BCMSLM32043** |
| 3000 PSI | 49 | 1"1/2 | **BCMSLM32449** |
| 3000 PSI | 61 | 2" | **BCMSLM33261** |
| 3000 SPI | 77 | 2"1/2 | **BCMSLM34077** |
| 3000 PSI | 90 | 3" | **BCMSLM34890** |
| 3000 PSI | 115 | 4" | **BCMSLM364115** |




## Tornillos para bridas SAE

Screws for SAE flanges

Vis pour brides SAE

Vite per flangia SAE



| ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|
| M8X30 | 3000-6000 PSI 1/2" | **TB8X30** |
| M10X35 | 3000 PSI 3/4"-1" | **TB10X35** |
| M10X40 | 3000 PSI 1" 1/4 - 6000 PSI 3/4" | **TB10X40** |
| M12X45 | 3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1" | **TB12X45** |
| M14X45 | 6000 PSI 1"1/4 | **TB14X45** |
| M16X50 | 3000 PSI 3"-3" 1/2-4"- 6000 PSI 1" 1/2 | **TB16X50** |
| M20X70 | 6000 PSI 2" | **TB20X70** |

## Juntas para bridas SAE 3000/6000 PSI

Seals for 3000/6000 PSI flange

Joints pour bride série 3000/6000

Guarnizioni per flangia SAE 3000/6000 PSI



| TAMAÑO SIZE | Ø INT. Ø INNER | Ø EXT. Ø OUTER | Referencia Part n° |
|---|---|---|---|
| 1/2" | 17.02 | 25.40 | **JBR08** |
| 3/4" | 23.36 | 31.72 | **JBR12** |
| 1" | 31.24 | 39.62 | **JBR16** |
| 1"1/4 | 36.07 | 44.45 | **JBR20** |
| 1"1/2 | 45.34 | 53.98 | **JBR24** |
| 2" | 54.86 | 63.50 | **JBR32** |

***Ver precios en p.64** / **See prices page 64* / **Voir les prix page 64* / **Vedere prezzi p.64*

## Juntas tóricas para bridas SAE 3000/6000 PSI

O´rings for 3000/6000 PSI flange

O´rings pour bride série 3000/6000 PSI

O´rings per flangia SAE 3000/6000 PSI



| TAMAÑO SIZE | Ø INT. Ø INNER | Referencia Part n° |
|---|---|---|
| 1/2" | 18.64 | **18.64X3.53** |
| 3/4" | 24.99 | **24.99X3.53** |
| 1" | 32.92 | **32.92X3.53** |
| 1"1/4 | 37.70 | **37.70X3.53** |
| 1"1/2 | 47.22 | **47.22X3.53** |
| 2" | 56.74 | **56.74X3.53** |

***Ver precios en p.64** / **See prices page 64* / **Voir les prix page 64* / **Vedere prezzi p.64*

TrAle®

# Bridas SAE

SAE Flanges
Brides de fixation SAE
Flange SAE



## Brida roscada macho BSP

BSP Male threaded flange

Brides taraudées mâle BSP

Flangia filettata maschio BSP



| SERIE | ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 3/8" BSP | 1/2" | **BMRG30806** |
| 3000 PSI | 1/2" BSP | 1/2" | **BMRG30808** |
| 3000 PSI | 3/4" BSP | 3/4" | **BMRG31212** |
| 3000 PSI | 1/2" BSP | 3/4" | **BMRG31208** |
| 3000 PSI | 1" BSP | 1" | **BMRG31616** |
| 3000 PSI | 3/4" BSP | 1" | **BMRG31612** |
| 3000 PSI | 1"1/4 BSP | 1"1/4 | **BMRG32020** |
| 3000 PSI | 1" BSP | 1"1/4 | **BMRG32016** |
| 3000 PSI | 1"1/2 BSP | 1"1/2 | **BMRG32424** |
| 3000 PSI | 1"1/4 BSP | 1"1/2 | **BMRG32420** |
| 6000 PSI | 1/2" BSP | 1/2" | **BMRG60808** |
| 6000 PSI | 3/8" BSP | 1/2" | **BMRG60806** |
| 6000 PSI | 3/4" BSP | 3/4" | **BMRG61212** |
| 6000 PSI | 1/2" BSP | 3/4" | **BMRG61208** |
| 6000 PSI | 1" BSP | 1" | **BMRG61616** |
| 6000 PSI | 3/4" BSP | 1" | **BMRG61612** |
| 6000 PSI | 1"1/4 BSP | 1"1/4 | **BMRG62020** |
| 6000 PSI | 1" BSP | 1"1/4 | **BMRG62016** |
| 6000 PSI | 1"1/2 BSP | 1"1/2 | **BMRG62424** |
| 6000 PSI | 1"1/4 BSP | 1"1/2 | **BMRG62420** |

## Brida roscada macho métrico

Metric Male threaded flange

Brides taraudées mâle Métrique

Flangia filettata maschio metrico



| SERIE | ROSCA THREAD | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | M22x1,5 | 1/2" | **BMRM30822** |
| 3000 PSI | M30x2 | 3/4" | **BMRM31230** |
| 3000 PSI | M36x2 | 1" | **BMRM31636** |
| 3000 PSI | M45x2 | 1"1/4 | **BMRM32045** |
| 3000 PSI | M52x2 | 1"1/2 | **BMRM32452** |
| 6000 PSI | M24x1.5 | 1/2" | **BMRM60824** |
| 6000 PSI | M36X2 | 3/4" | **BMRM61236** |
| 6000 PSI | M42x2 | 1" | **BMRM61642** |
| 6000 PSI | M52x2 | 1"1/4 | **BMRM62052** |
| 6000 PSI | M52x2 | 1"1/2 | **BMRM62452** |

## Bridas ciegas

Blind flanges

Brides avec obturateur fermé

Flangia cieca



| SERIE | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|
| 3000 PSI | 1/2" | **BBC308** |
| 3000 PSI | 3/4" | **BBC312** |
| 3000 PSI | 1" | **BBC316** |
| 3000 PSI | 1"1/4 | **BBC320** |
| 3000 PSI | 1"1/2 | **BBC324** |
| 3000 PSI | 2" | **BBC332** |
| 3000 PSI | 2"1/2 | **BBC340** |
| 3000 PSI | 3" | **BBC348** |
| 3000 PSI | 3"1/2 | **BBC356** |
| 3000 PSI | 4" | **BBC364** |
| 3000 PSI | 5" | **BBC380** |
| 6000 PSI | 1/2" | **BBC608** |
| 6000 PSI | 3/4" | **BBC612** |
| 6000 PSI | 1" | **BBC616** |
| 6000 PSI | 1"1/4 | **BBC620** |
| 6000 PSI | 1"1/2 | **BBC624** |
| 6000 PSI | 2" | **BBC632** |

## Contrabridas ciegas

Blind counter-flanges

Contre-brides avec obturateur fermé

Controflangia cieca



| SERIE | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|
| 3000 PSI | 1/2" | **BCC308** |
| 3000 PSI | 3/4" | **BCC312** |
| 3000 PSI | 1" | **BCC316** |
| 3000 PSI | 1"1/4 | **BCC320** |
| 3000 PSI | 1"1/2 | **BCC324** |
| 3000 PSI | 2" | **BCC332** |
| 3000 PSI | 2"1/2 | **BCC340** |
| 3000 PSI | 3" | **BCC348** |
| 3000 PSI | 3"1/2 | **BCC356** |
| 3000 PSI | 4" | **BCC364** |
| 3000 PSI | 5" | **BCC380** |
| 6000 PSI | 1/2" | **BCC608** |
| 6000 PSI | 3/4" | **BCC612** |
| 6000 PSI | 1" | **BCC616** |
| 6000 PSI | 1"1/4 | **BCC620** |
| 6000 PSI | 1"1/2 | **BCC624** |
| 6000 PSI | 2" | **BCC632** |

# Bridas SAE

Brides de fixation SAE
Flange SAE

## Brida partida pasante

SAE Split flange

Demi-bride SAE passage total

Semiflangia SAE



| SERIE<br>SERIES | TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|---|
| 3000 PSI | 1/2" | **BBP308** |
| 3000 PSI | 3/4" | **BBP312** |
| 3000 PSI | 1" | **BBP316** |
| 3000 PSI | 1"1/4 | **BBP320** |
| 3000 PSI | 1"1/2 | **BBP324** |
| 3000 PSI | 2" | **BBP332** |
| 3000 PSI | 2"1/2 | **BBP340** |
| 3000 PSI | 3" | **BBP348** |
| 3000 PSI | 3"1/2 | **BBP356** |
| 3000 PSI | 4" | **BBP364** |
| 6000 PSI | 1/2" | **BBP608** |
| 6000 PSI | 3/4" | **BBP612** |
| 6000 PSI | 1" | **BBP616** |
| 6000 PSI | 1"1/4 | **BBP620** |
| 6000 PSI | 1"1/2 | **BBP624** |
| 6000 PSI | 2" | **BBP632** |

***Ver precios en p.64** / **See prices page 64 / *Voir les prix page 64 / *Vedere prezzi p.64*

## Brida entera pasante

SAE Flange

Bride SAE monobloc passage total

Flangia monoblocco



| SERIE<br>SERIES | TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|---|
| 3000 PSI | 1/2" | **BBE308** |
| 3000 PSI | 3/4" | **BBE312** |
| 3000 PSI | 1" | **BBE316** |
| 3000 PSI | 1"1/4 | **BBE320** |
| 3000 PSI | 1"1/2 | **BBE324** |
| 3000 PSI | 2" | **BBE332** |
| 3000 PSI | 2"1/2 | **BBE340** |
| 3000 PSI | 3" | **BBE348** |
| 3000 PSI | 3"1/2 | **BBE356** |
| 3000 PSI | 4" | **BBE364** |
| 3000 PSI | 5" | **BBE380** |
| 6000 PSI | 1/2" | **BBE608** |
| 6000 PSI | 3/4" | **BBE612** |
| 6000 PSI | 1" | **BBE616** |
| 6000 PSI | 1"1/4 | **BBE620** |
| 6000 PSI | 1"1/2 | **BBE624** |
| 6000 PSI | 2" | **BBE632** |

***Ver precios en p.64 (Conexiones Standard)** / **See prices in p.64 (Standard Serie Fittings) / *Vedere prezzi p.64 (Raccordi Serie Standard)* uts

## Contrabrida rosca Métrica

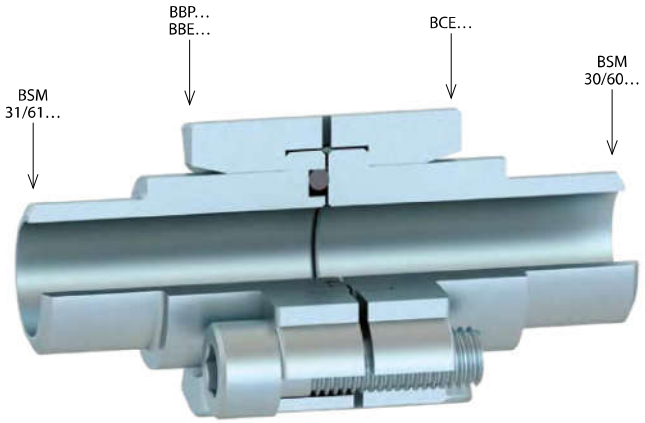
Metric threaded counter-flange

Contre-bride métrique

Controflangia monoblocco



| SERIE<br>SERIES | TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|---|
| 3000 PSI | 1/2" | **BCE308** |
| 3000 PSI | 3/4" | **BCE312** |
| 3000 PSI | 1" | **BCE316** |
| 3000 PSI | 1"1/4 | **BCE320** |
| 3000 PSI | 1"1/2 | **BCE324** |
| 3000 PSI | 2" | **BCE332** |
| 3000 PSI | 2"1/2 | **BCE340** |
| 3000 PSI | 3" | **BCE348** |
| 3000 PSI | 3"1/2 | **BCE356** |
| 3000 PSI | 4" | **BCE364** |
| 3000 PSI | 5" | **BCE380** |
| 6000 PSI | 1/2" | **BCE608** |
| 6000 PSI | 3/4" | **BCE612** |
| 6000 PSI | 1" | **BCE616** |
| 6000 PSI | 1"1/4 | **BCE620** |
| 6000 PSI | 1"1/2 | **BCE624** |
| 6000 PSI | 2" | **BCE632** |



# Bridas SAE

SAE Flanges

Brides de fixation SAE

Flange SAE

## Brida cono soldable tubo métrico

Flange welding adaptor for metric tube

Bride collet à souder tube métrique

Flangia adattatore a saldare per tubo Metrico



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 16 | 1/2" | **BSM310816** |
| 3000 PSI | 25 | 3/4" | **BSM311225** |
| 3000 PSI | 30 | 1" | **BSM311630** |
| 3000 PSI | 38 | 1"1/4 | **BSM3132038** |
| 3000 PSI | 45 | 1"1/2 | **BSM312445** |
| 3000 PSI | 60 | 2" | **BSM313260** |
| 3000 PSI | 70 | 2"1/2 | **BSM314070** |
| 3000 PSI | 80 | 3" | **BSM314880** |
| 3000 PSI | 100 | 3"1/2 | **BSM3156100** |
| 3000 PSI | 114.3 | 4" | **BSM31641143** |
| 3000 PSI | 139.7 | 5" | **BSM31801397** |
| 6000 PSI | 16 | 1/2" | **BSM610816** |
| 6000 PSI | 25 | 3/4" | **BSM611225** |
| 6000 PSI | 30 | 1" | **BSM611630** |
| 6000 PSI | 38 | 1"1/4 | **BSM612038** |
| 6000 PSI | 45 | 1"1/2 | **BSM612445** |
| 6000 PSI | 60 | 2" | **BSM613260** |

## Contrabrida cono soldable tubo métrico

Counter-flange welding adaptor for metric tube

Contrebride collet à souder tube métrique

Controflangia adattatore a saldare per tubo Metrico



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 16 | 1/2" | **BSM300816** |
| 3000 PSI | 25 | 3/4" | **BSM301225** |
| 3000 PSI | 30 | 1" | **BSM301630** |
| 3000 PSI | 38 | 1"1/4 | **BSM302038** |
| 3000 PSI | 45 | 1"1/2 | **BSM302445** |
| 3000 PSI | 60 | 2" | **BSM303260** |
| 3000 PSI | 70 | 2"1/2 | **BSM304070** |
| 3000 PSI | 80 | 3" | **BSM304880** |
| 3000 PSI | 100 | 3"1/2 | **BSM3056100** |
| 3000 PSI | 114.3 | 4" | **BSM30641143** |
| 3000 PSI | 139.7 | 5" | **BSM30801397** |
| 6000 PSI | 16 | 1/2" | **BSM600816** |
| 6000 PSI | 25 | 3/4" | **BSM601225** |
| 6000 PSI | 30 | 1" | **BSM601630** |
| 6000 PSI | 38 | 1"1/4 | **BSM602038** |
| 6000 PSI | 45 | 1"1/2 | **BSM602445** |
| 6000 PSI | 60 | 2" | **BSM603260** |

## Cono Cetop soldable exterior

Cetop welding adaptor

Collet Cetop à souder

Adattatore a saldare Cetop



| SERIE | Ø EXT. Ø OUTER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 18 | 3/8" | **BCTS30618** |
| 6000 PSI | 18 | 3/8" | **BCTS60618** |

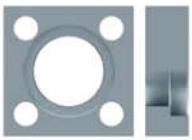
**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Bridas Cetop

Cetop flanges

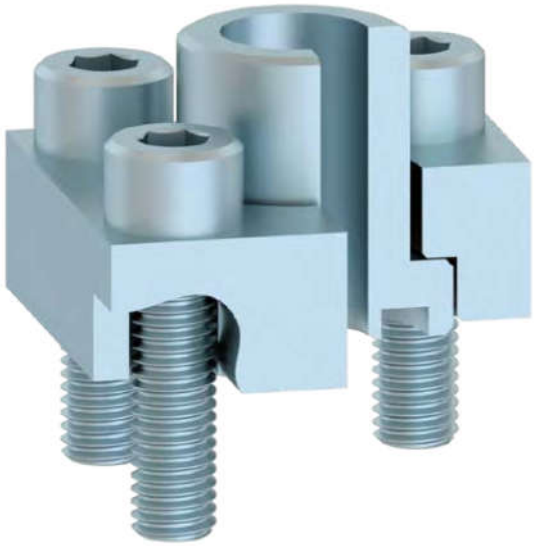
Brides Cetop

Flangia Cetop



| SERIE | Ø INT. Ø INNER | TAMAÑO SIZE | Referencia Part n° |
|---|---|---|---|
| 3000 PSI | 31 | 1/2" | **BCT30831** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*



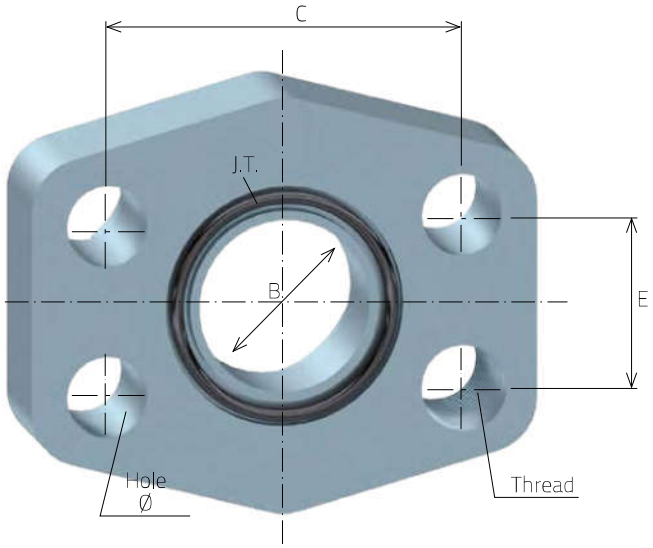
# Bridas SAE

SAE Flanges

Flange SAE

TrAle®

## Características comunes
Common characteristics
Données communes
Caratteristiche comuni




## Bridas 3000 PSI
Flanges 3000 PSI
Brides 3000 PSI
Flangia 3000 PSI

| Tamaño | Max. pre. | B | C | E | O'ring NBR | Junta PU | Ø | Tornillo * | Rosca |
|---|---|---|---|---|---|---|---|---|---|
| 1/2" | 345 bar | 13 | 38,1 | 17,48 | 18,64 x 3,53 | JBR08 | 9 | TB8X30 | M8 |
| 3/4" | 345 bar | 19 | 47,63 | 22,23 | 24,99 x 3,53 | JBR12 | 11 | TB10X35 | M10 |
| 1" | 345 bar | 25 | 52,37 | 26,19 | 32,92 x 3,53 | JBR16 | 11 | TB10X35 | M10 |
| 1 1/4" | 276 bar | 32 | 58,72 | 30,18 | 37,70 x 3,53 | JBR20 | 11,5 | TB10X40 | M10 |
| 1 1/2" | 207 bar | 38 | 69,85 | 35,71 | 47,22 x 3,53 | JBR24 | 13,5 | TB12X45 | M12 |
| 2" | 207 bar | 51 | 77,77 | 42,88 | 56,74 x 3,53 | JBR32 | 13,5 | TB12X45 | M12 |
| 2 1/2" | 172 bar | 63 | 88,9 | 50,8 | 66,27 x 3,53 | | 13,5 | TB12X45 | M12 |
| 3" | 138 bar | 73 | 106,38 | 61,93 | 85,32 x 3,53 | | 17,5 | TB16X50 | M16 |
| 3 1/2" | 34 bar | 89 | 120,65 | 69,85 | 98,02 x 3,53 | | 17,5 | TB16X50 | M16 |
| 4" | 34 bar | 99 | 130,18 | 77,77 | 110,72 x 3,53 | | 17,5 | TB16X50 | M16 |

## Bridas 6000 PSI
Flanges 6000 PSI
Brides 6000 PSI
Flangia 6000 PSI

| Tamaño | Max. pre. | B | C | E | O'ring NBR | Junta PU | Ø | Tornillo * | Rosca |
|---|---|---|---|---|---|---|---|---|---|
| 1/2" | 414 bar | 13 | 40,49 | 18,24 | 18,64 x 3,53 | JBR08 | 9 | TB8X30 | M8 |
| 3/4" | 414 bar | 19 | 50,8 | 23,8 | 24,99 x 3,53 | JBR12 | 11 | TB10X40 | M10 |
| 1" | 414 bar | 25 | 57,15 | 27,76 | 32,92 x 3,53 | JBR16 | 13 | TB12X45 | M12 |
| 1 1/4" | 414 bar | 32 | 66,68 | 31,75 | 37,70 x 3,53 | JBR20 | 15 | TB14X45 | M14 |
| 1 1/2" | 414 bar | 38 | 79,38 | 36,5 | 47,22 x 3,53 | JBR24 | 17 | TB16X50 | M16 |
| 2" | 414 bar | 51 | 98,82 | 44,45 | 56,74 x 3,53 | JBR32 | 21 | TB20X70 | M20 |

* Tornillos en acero carbono. Para tornillos en acero inoxidable, pedir ZTB...
Screws are in carbon steel. For Stainless Steel screws, ask for ZTB... part number.
Les vis sont en acier carbone. Pour vis en acier inoxydable, veuillez demander les références ZTB ...
Le viti sono in acciaio al carbonio. Per viti in acciaio inox, ordinare con codice ZTB...

**Abrazaderas Serie ligera TrΔle®** 268
Clamps for pipe – TrΔle®
Colliers de fixation TrΔle®
Collari Serie leggera TrΔle®

**Abrazaderas Serie doble TrΔle®** 273
Clamps double Series – TrΔle®
Colliers Serie double TrΔle®
Collari Serie doppi TrΔle®

**Abrazaderas Serie pesada TrΔle®** 276
Clamps heavy Series – TrΔle®
Colliers Série lourde TrΔle®
Collari Serie pesante TrΔle®

**Accesorios abrazaderas TrΔle®** 279
Accessories for clamps – TrΔle®
Accessoires colliers TrΔle®
Accessori per collari TrΔle®



# 04

## ABRAZADERAS TRΔLE®

TrΔle® Clamps

Colliers TrΔle®

Collari fissatubo TrΔle®

# Abrazaderas Serie ligera TrΔle®

Clamps for pipe - TrΔle®
Colliers de fixation TrΔle®
Collari Serie leggera TrΔle®

Completas ▪ Light serie clamp ▪ Colliers de fixation série légère ▪ Collari fissatubo serie leggera | 268


A40AZ


A40AZPL


A41AZ


A41AZPL


A40AL


A41AL


A40BL


A41BL

Componentes ▪ Parts ▪ Composants ▪ Accessori | 270


A..C


AL..C


A...AL


A...BL


AML


APIN


AVTE


APS


AVTC

Accesorios ▪ Accessories ▪ Accessoires ▪ Accessori | 271


APAG


AVTA


APT


APA

# Abrazaderas Serie doble TrΔle®

Clamps double Series - TrΔle®
Colliers Serie double TrΔle®
Collari Serie doppi TrΔle®

Completas ▪ Double ▪ Complets ▪ Doppio | 273


AZCFS


AZCBL

Componentes ▪ Parts ▪ Composants ▪ Accessori | 273


AD..C


AD..BL


AZCAB


AD..AB


ADPIN


ADPS


ADVTE

Accesorios ▪ Accessories ▪ Accessories ▪ Accessori | 275


ADPAG


ADPA

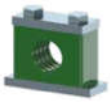

ADVTA

# Abrazaderas Serie pesada TrΔle®

Clamps heavy Series – TrΔle®

Collari Serie pesante TrΔle®

Completas ▪ Complete ▪ Complètes ▪ Completo | 276


AZCPS


AZALPS

Componentes ▪ Parts ▪ Accessoires ▪ Accessori | 277


AMPP C


AMS


AMPP L


APVTA


AVTEP


APINP


APSP


APAP

# Accesorios abrazaderas TrΔle®

Accessories for clamps – TrΔle®

Accessoires colliers TrΔle®

Accessori per collari TrΔle®

Accesorios carril ▪ Accessories for lane ▪ Accessories pour lane ▪ Accessori per binario | 279


TC/TS

# Abrazaderas Serie ligera TrΔle®

Clamps for pipe - TrΔle®
Colliers de fixation TrΔle®
Collari Serie leggera TrΔle®

## Abrazadera simple completa, serie ligera

Light series simple clamp

Collier de fixation complet simple, série légère

Collare singolo completo verde - serie leggera



| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | **A40AZ06** |
| 8 | 1 | 10 | **A40AZ08** |
| 10 | 1 | 10 | **A40AZ10** |
| 12 | 1 | 10 | **A40AZ12** |
| 1/4" | 2 | 10 | **A40AZ13.2** |
| 14 | 2 | 10 | **A40AZ14** |
| 15 | 2 | 10 | **A40AZ15** |
| 16 | 2 | 10 | **A40AZ16** |
| 3/8" | 2 | 10 | **A40AZ16.7** |
| 18 | 2 | 10 | **A40AZ18** |
| 19 | 3 | 10 | **A40AZ19** |
| 20 | 3 | 10 | **A40AZ20** |
| 1/2" | 3 | 10 | **A40AZ21.3** |
| 22 | 3 | 10 | **A40AZ22** |
| 25 | 3 | 10 | **A40AZ25** |
| 3/4" | 4 | 10 | **A40AZ26.7** |
| 28 | 4 | 10 | **A40AZ28** |
| 30 | 4 | 10 | **A40AZ30** |
| 32 | 5 | 10 | **A40AZ32** |
| 1" | 5 | 10 | **A40AZ33.3** |
| 35 | 5 | 10 | **A40AZ35** |
| 38 | 5 | 10 | **A40AZ38** |
| 40 | 5 | 10 | **A40AZ40** |
| 42-1" 1/4 | 5 | 10 | **A40AZ42** |
| 1"1/2 | 6 | 10 | **A40AZ48.3** |
| 50.8 | 6 | 10 | **A40AZ50.8** |

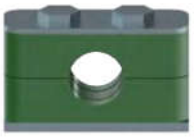
**Consultar plásticos en poliamida** / *Polyamide plastics on request* / Plastique polyamide sur deman *polyamide su richiesta*

## Abrazadera completa, serie ligera reforzada

Light series reinforced clamp

Colliers de fixation simple série légère renforcés

Collare singolo completo verde - serie leggera rinforzata



| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | **A41AZ06** |
| 8 | 1 | 10 | **A41AZ08** |
| 10 | 1 | 10 | **A41AZ10** |
| 12 | 1 | 10 | **A41AZ12** |
| 1/4" | 2 | 10 | **A41AZ13.2** |
| 14 | 2 | 10 | **A41AZ14** |
| 15 | 2 | 10 | **A41AZ15** |
| 16 | 2 | 10 | **A41AZ16** |
| 3/8" | 2 | 10 | **A41AZ16.7** |
| 18 | 2 | 10 | **A41AZ18** |
| 20 | 3 | 10 | **A41AZ20** |
| 1/2" | 3 | 10 | **A41AZ21.3** |
| 22 | 3 | 10 | **A41AZ22** |
| 25 | 3 | 10 | **A41AZ25** |
| 3/4" | 4 | 10 | **A41AZ26.7** |
| 28 | 4 | 10 | **A41AZ28** |
| 30 | 4 | 10 | **A41AZ30** |
| 1" | 5 | 10 | **A41AZ33.7** |
| 35 | 5 | 10 | **A41AZ35** |
| 38 | 5 | 10 | **A41AZ38** |
| 40 | 5 | 10 | **A41AZ40** |
| 42-1" 1/4 | 5 | 10 | **A41AZ42** |
| 44.5 | 6 | 10 | **A41AZ44.5** |
| 1"1/2 | 6 | 10 | **A41AZ48.3** |
| 50.8 | 6 | 10 | **A41AZ50.8** |

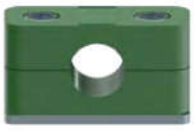
**Consultar plásticos en poliamida** / *Polyamide plastics on request* / Plastique polyamide sur deman *polyamide su richiesta*

## Abrazadera simple completa, serie ligera, plásticos perfil liso

Light series simple clamp, plastic smooth profile

Collier de fixation complet simple, série légère, plastique profil lisse

Collare singolo completo verde - serie leggera (profilo liscio)



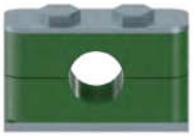
| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 8 | 1 | 10 | **A40AZ08PL** |
| 10 | 1 | 10 | **A40AZ10PL** |
| 12 | 1 | 10 | **A40AZ12PL** |
| 1/4" | 2 | 10 | **A40AZ13,2PL** |
| 15 | 2 | 10 | **A40AZ15PL** |
| 3/8" | 2 | 10 | **A40AZ16.7PL** |
| 18 | 2 | 10 | **A40AZ18PL** |
| 20 | 3 | 10 | **A40AZ20PL** |
| 1/2" | 3 | 10 | **A40AZ21.3PL** |
| 22 | 3 | 10 | **A40AZ22PL** |
| 25 | 3 | 10 | **A40AZ25PL** |
| 3/4" | 4 | 10 | **A40AZ26.7PL** |
| 28 | 4 | 10 | **A40AZ28PL** |
| 30 | 4 | 10 | **A40AZ30PL** |
| 1" | 5 | 10 | **A40AZ33.3PL** |
| 35 | 5 | 10 | **A40AZ35PL** |
| 38 | 5 | 10 | **A40AZ38PL** |
| 42-1" 1/4 | 5 | 10 | **A40AZ42PL** |

## Abrazadera completa, serie ligera reforzada, plásticos perfil liso

Light series reinforced clamp, plastic smooth profile

Colliers de fixation simple série légère renforcés, plastique profil lisse

Collare singolo completo verde - serie leggera rinforzata (profilo liscio)



| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 8 | 1 | 10 | **A41AZ08PL** |
| 10 | 1 | 10 | **A41AZ10PL** |
| 12 | 1 | 10 | **A41AZ12PL** |
| 1/4" | 2 | 10 | **A41AZ13,2PL** |
| 15 | 2 | 10 | **A41AZ15PL** |
| 3/8" | 2 | 10 | **A41AZ16.7PL** |
| 18 | 2 | 10 | **A41AZ18PL** |
| 20 | 3 | 10 | **A41AZ20PL** |
| 1/2" | 3 | 10 | **A41AZ21.3PL** |
| 22 | 3 | 10 | **A41AZ22PL** |
| 25 | 3 | 10 | **A41AZ25PL** |
| 3/4" | 4 | 10 | **A41AZ26.7PL** |
| 28 | 4 | 10 | **A41AZ28PL** |
| 30 | 4 | 10 | **A41AZ30PL** |
| 1" | 5 | 10 | **A41AZ33.3PL** |
| 35 | 5 | 10 | **A41AZ35PL** |
| 38 | 5 | 10 | **A41AZ38PL** |
| 42-1" 1/4 | 5 | 10 | **A41AZ42PL** |

# Abrazaderas Serie ligera TrΔle®

Clamps for pipe – TrΔle®
Colliers de fixation TrΔle®
Collari Serie leggera TrΔle®



## Abrazadera simple completa, serie ligera, Aluminio

Complete simple clamp, light series, aluminium

Collier simple complet, série légère, aluminium

Collare singolo completo in alluminio - serie leggera



| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | **A40AL06** |
| 8 | 1 | 10 | **A40AL08** |
| 10 | 1 | 10 | **A40AL10** |
| 12 | 1 | 10 | **A40AL12** |
| 1/4" | 2 | 10 | **A40AL13.5** |
| 14 | 2 | 10 | **A40AL14** |
| 15 | 2 | 10 | **A40AL15** |
| 16 | 2 | 10 | **A40AL16** |
| 3/8" | 2 | 10 | **A40AL17.2** |
| 18 | 2 | 10 | **A40AL18** |
| 19 | 3 | 10 | **A40AL19** |
| 20 | 3 | 10 | **A40AL20** |
| 1/2" | 3 | 10 | **A40AL21.3** |
| 22 | 3 | 10 | **A40AL22** |
| 25 | 3 | 10 | **A40AL25** |
| 3/4" | 4 | 10 | **A40AL26.9** |
| 28 | 4 | 10 | **A40AL28** |
| 30 | 4 | 10 | **A40AL30** |
| 32 | 5 | 10 | **A40AL32** |
| 1" | 5 | 10 | **A40AL33.7** |
| 35 | 5 | 10 | **A40AL35** |
| 38 | 5 | 10 | **A40AL38** |
| 40 | 5 | 10 | **A40AL40** |
| 42-1" 1/4 | 5 | 10 | **A40AL42** |
| 1"1/2 | 6 | 10 | **A40AL48.3** |
| 50.8 | 6 | 10 | **A40AL50.8** |

## Abrazadera completa, serie ligera reforzada, Aluminio

Complete simple clamp, light series reinforced, aluminium

Collier complet, série légère renforcée, aluminium

Collare singolo completo in alluminio - serie leggera rinforzata



| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | **A41AL06** |
| 8 | 1 | 10 | **A41AL08** |
| 10 | 1 | 10 | **A41AL10** |
| 12 | 1 | 10 | **A41AL12** |
| 1/4" | 2 | 10 | **A41AL13.5** |
| 14 | 2 | 10 | **A41AL14** |
| 15 | 2 | 10 | **A41AL15** |
| 16 | 2 | 10 | **A41AL16** |
| 3/8" | 2 | 10 | **A41AL17.2** |
| 18 | 2 | 10 | **A41AL18** |
| 19 | 3 | 10 | **A41AL19** |
| 20 | 3 | 10 | **A41AL20** |
| 1/2" | 3 | 10 | **A41AL21.3** |
| 22 | 3 | 10 | **A41AL22** |
| 25 | 3 | 10 | **A41AL25** |
| 3/4" | 4 | 10 | **A41AL26.9** |
| 28 | 4 | 10 | **A41AL28** |
| 30 | 4 | 10 | **A41AL30** |
| 32 | 5 | 10 | **A41AL32** |
| 1" | 5 | 10 | **A41AL33.7** |
| 35 | 5 | 10 | **A41AL35** |
| 38 | 5 | 10 | **A41AL38** |
| 40 | 5 | 10 | **A41AL40** |
| 42-1" 1/4 | 5 | 10 | **A41AL42** |
| 1"1/2 | 6 | 10 | **A41AL48.3** |
| 50.8 | 6 | 10 | **A41AL50.8** |

## Abrazadera simple completa, serie ligera, plásticos azules

Light series simple clamp, blue plastic

Collier de fixation complet simple, série légère, plastique bleu

Collare singolo completo blu - serie leggera



| DN | GRUPO GROUP | UNIDADES POR BOLSA UNITS PER BAG | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | **A40BL06** |
| 8 | 1 | 10 | **A40BL08** |
| 10 | 1 | 10 | **A40BL10** |
| 12 | 1 | 10 | **A40BL12** |
| 1/4" | 2 | 10 | **A40BL13.5** |
| 15 | 2 | 15 | **A40BL15** |
| 16 | 2 | 10 | **A40BL16** |
| 18 | 2 | 10 | **A40BL18** |
| 20 | 3 | 10 | **A40BL20** |
| 1/2" | 3 | 10 | **A40BL21.3** |
| 22 | 3 | 10 | **A40BL22** |
| 25 | 3 | 10 | **A40BL25** |
| 3/4" | 4 | 10 | **A40BL26.9** |
| 28 | 4 | 10 | **A40BL28** |
| 30 | 4 | 10 | **A40BL30** |
| 1" | 5 | 10 | **A40BL33.7** |
| 1"1/2 | 6 | 10 | **A40BL48.3** |

## Abrazadera completa, serie ligera reforzada, plásticos azules

Light series reinforced clamp, blue plastic

Colliers de fixation simple série légère renforcés, plastique bleu

Collare singolo completo blu - serie leggera rinforzata



| DN | GRUPO GROUP | UNIDADES POR BOLSA UNITS PER BAG | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | **A41BL06** |
| 8 | 1 | 10 | **A41BL08** |
| 10 | 1 | 10 | **A41BL10** |
| 12 | 1 | 10 | **A41BL12** |
| 1/4" | 2 | 10 | **A41BL13.5** |
| 15 | 2 | 10 | **A41BL15** |
| 16 | 2 | 10 | **A41BL16** |
| 18 | 2 | 10 | **A41BL18** |
| 20 | 3 | 10 | **A41BL20** |
| 1/2" | 3 | 10 | **A41BL21.3** |
| 22 | 3 | 10 | **A41BL22** |
| 25 | 3 | 10 | **A41BL25** |
| 3/4" | 4 | 10 | **A41BL26.9** |
| 28 | 4 | 10 | **A41BL28** |
| 30 | 4 | 10 | **A41BL30** |
| 1" | 5 | 10 | **A41BL33.7** |
| 1"1/2 | 6 | 10 | **A41BL48.3** |

# Abrazaderas Serie ligera TrΔle®

Clamps for pipe - TrΔle®
Colliers de fixation TrΔle®
Collari Serie leggera TrΔle®

## Plásticos polipropileno, serie ligera

Plastics polypropylene simple, light series

Plastique polypropylene, série légère

Collare singolo polipropilene verde - serie leggera



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | A106C |
| 8 | 1 | A108C |
| 10 | 1 | A110C |
| 12 | 1 | A112C |
| 1/4" | 2 | A213.2C |
| 14 | 2 | A214C |
| 15 | 2 | A215C |
| 3/8" | 2 | A216.7C |
| 16 | 2 | A216C |
| 18 | 2 | A218C |
| 19 | 3 | A319C |
| 20 | 3 | A320C |
| 1/2" | 3 | A321.3C |
| 22 | 3 | A322C |
| 23 | 3 | A323C |
| 25 | 3 | A325C |
| 3/4" | 4 | A426.7C |
| 28 | 4 | A428C |
| 30 | 4 | A430C |
| 32 | 5 | A532C |
| 1" | 5 | A533.7C |
| 35 | 5 | A535C |
| 38 | 5 | A538C |
| 40 | 5 | A540C |
| 42-1"1/4 | 5 | A542C |
| 44.5 | 6 | A644.5C |
| 1"1/2 | 6 | A648.3C |
| 50.8 | 6 | A650.8C |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Plásticos perfil liso, serie ligera

Plastics smooth profile, light series

Plastique profil lisse, série légère

Collare singolo polipropilene verde - serie leggera (profilo liscio)



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 8 | 1 | AL108C |
| 10 | 1 | AL110C |
| 12 | 1 | AL112C |
| 1/4" | 2 | AL213.2C |
| 15 | 2 | AL215C |
| 3/8" | 2 | AL216.7C |
| 18 | 2 | AL218C |
| 20 | 3 | AL320C |
| 1/2" | 3 | AL321.3C |
| 22 | 3 | AL322C |
| 25 | 3 | AL325C |
| 3/4" | 4 | AL426.7C |
| 28 | 4 | AL428C |
| 30 | 4 | AL430C |
| 1" | 5 | AL533.3C |
| 35 | 5 | AL535C |
| 38 | 5 | AL538C |
| 42-1"1/4 | 5 | AL542C |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Cuerpo abrazadera Aluminio, serie ligera

Aluminium clamp body, light series

Corps collier aluminium, série légère

Collare singolo alluminio - serie leggera



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | A106AL |
| 8 | 1 | A108AL |
| 10 | 1 | A110AL |
| 12 | 1 | A112AL |
| 1/4" | 2 | A213.5AL |
| 14 | 2 | A214AL |
| 15 | 2 | A215AL |
| 16 | 2 | A216AL |
| 3/8" | 2 | A217.2AL |
| 18 | 2 | A218AL |
| 19 | 3 | A319AL |
| 20 | 3 | A320AL |
| 1/2" | 3 | A321.3AL |
| 22 | 3 | A322AL |
| 25 | 3 | A325AL |
| 3/4" | 4 | A426.9AL |
| 28 | 4 | A428AL |
| 30 | 4 | A430AL |
| 32 | 5 | A532AL |
| 1" | 5 | A533.7AL |
| 35 | 5 | A535AL |
| 38 | 5 | A538AL |
| 40 | 5 | A540AL |
| 42-1"1/4 | 5 | A542AL |
| 1"1/2 | 6 | A648.3AL |
| 50.8 | 6 | A650.8AL |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Plásticos Polipropileno Serie Ligera Azul

Blue Plastics polypropylene, light serie

Plastique polypropylene, série légère Bleu

Collare singolo polipropilene blu - serie leggera



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | A106BL |
| 8 | 1 | A108BL |
| 10 | 1 | A110BL |
| 12 | 1 | A112BL |
| 1/4" | 2 | A213.5BL |
| 15 | 2 | A215BL |
| 16 | 2 | A216BL |
| 18 | 2 | A218BL |
| 20 | 3 | A320BL |
| 1/2" | 3 | A321.3BL |
| 22 | 3 | A322BL |
| 25 | 3 | A325BL |
| 3/4" | 4 | A426.9BL |
| 28 | 4 | A428BL |
| 30 | 4 | A430BL |
| 1" | 5 | A533.7BL |
| 1"1/2 | 6 | A648.3BL |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

# Abrazaderas Serie ligera TrΔle®

Clamps for pipe - TrΔle®
Colliers de fixation TrΔle®
Collari Serie leggera TrΔle®



## Plásticos para abrazaderas anti-vibración

Plastic for anti-vibration clamps

Plastiques pour colliers de fixation anti-vibratoire

Plastici per collari fissatubo anti-vibrazioni



| DN | SERIE | GRUPO GROUP | Referencia Part n° |
|---|---|---|---|
| 12.7 | L | 4 | **AML401270** |
| 14 | L | 4 | **AML401400** |
| 19 | L | 4 | **AML401900** |
| 22 | L | 6 | **AML602200** |
| 28 | L | 6 | **AML602800** |
| 30 | L | 6 | **AML603000** |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Tornillos cabeza Allen, serie ligera

Simple Allen bolt, light series

Vis tête six pans creux Allen série légère

Vite a brugola per collare singolo serie leggera



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M6 | 1 | **AVTC1** |
| M6 | 2 | **AVTC2** |
| M6 | 3 | **AVTC3** |
| M6 | 4 | **AVTC4** |
| M6 | 5 | **AVTC5** |
| M6 | 6 | **AVTC6** |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Chapas inferiores, serie ligera

Lower plate simple, light series

Plaques inférieures à souder série légère

Piastra inferiore per collare singolo serie leggera



| GRUPO GROUP | Referencia Part n° |
|---|---|
| 1 | **APIN1** |
| 2 | **APIN2** |
| 3 | **APIN3** |
| 4 | **APIN4** |
| 5 | **APIN5** |
| 6 | **APIN6** |

## Chapa agrupar abrazaderas simples

Jointed plate for simple clamp

Plaque à joindre pour collier simple

Piastra inferiore multipla per collare singolo serie leggera



| GRUPO GROUP | N° ABRAZ CLAMP QTY. | | Referencia Part n° |
|---|---|---|---|
| 1 | 10 | | **APAG1** |
| 2 | 10 | | **APAG2** |
| 3 | 10 | | **APAG3** |
| 4 | 10 | NEW | **APAG4** |
| 5 | 10 | NEW | **APAG5** |
| 6 | 10 | NEW | **APAG6** |

## Tornillos cabeza hexagonal, serie ligera reforzada

Hexagonal bolt, light series reinforced

Vis hexagonale, série légère renforcée

Vite esagonale per collare singolo serie leggera rinforzata



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M6 | 1 | **AVTE1** |
| M6 | 2 | **AVTE2** |
| M6 | 3 | **AVTE3** |
| M6 | 4 | **AVTE4** |
| M6 | 5 | **AVTE5** |
| M6 | 6 | **AVTE6** |

## Tornillo apilar ligera

Light serie screw to pile up

Vis pour empiler série légère

Vite per collari singoli componibili serie leggera



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M6 | 1 | **AVTA1** |
| M6 | 2 | **AVTA2** |
| M6 | 3 | **AVTA3** |
| M6 | 4 | **AVTA4** |
| M6 | 5 | **AVTA5** |
| M6 | 6 | **AVTA6** |

## Chapas superiores, serie ligera reforzada

Upper plate, light series reinforced

Plaques supérieures de protection, série légère renforcée

Piastra superiore - serie leggera rinforzata



| GRUPO GROUP | Referencia Part n° |
|---|---|
| 1 | **APS1** |
| 2 | **APS2** |
| 3 | **APS3** |
| 4 | **APS4** |
| 5 | **APS5** |
| 6 | **APS6** |

## Chapa atornillar Abr. Simples

Elongated weld plate

Plaque à visser

Piastra inferiore con fori di fissaggio - serie leggera



| GRUPO GROUP | Referencia Part n° |
|---|---|
| 1 | **APT1** |
| 2 | **APT2** |
| 3 | **APT3** |
| 4 | **APT4** |
| 5 | **APT5** |
| 6 | **APT6** |

# Abrazaderas Serie ligera TrΔle®

Clamps for pipe – TrΔle®
Colliers de fixation TrΔle®
Collari Serie leggera TrΔle®

## Chapa apilar ligera

Light serie plate to pile up

Plaque pour empiler série légère



Piastra intermedia per collari componibili serie leggera

| GRUPO<br>GROUP | Referencia<br>Part n° |
|---|---|
| 1 | APA1 |
| 2 | APA2 |
| 3 | APA3 |
| 4 | APA4 |
| 5 | APA5 |
| 6 | APA6 |

| PROPIEDADES DE MATERIALES \| *MATERIAL PROPERTIES* | | | | |
|---|---|---|---|---|
| | POLIPROPILENO<br>Polypropilene (PP) | POLIAMIDA<br>Polyamide (PA) | ALUMINIO<br>Aluminium (AL) | ELASTOMEROS TERMOPLASTICOS<br>Thermoplastic elastomer (TPE) |
| PROPIEDADES MECÁNICAS \| Mechanical properties | | | | |
| ENSAYO IZOD (Mellado,23ºC)<br>Izod Impact Strength (Notched,23ºC) | >40 KJ/m2<br>ISO 180 | >5 KJ/m2<br>ISO 180 | | |
| ENSAYO IZOD (Mellado,-30ºC)<br>Izod Impact Strength (Notched,-30ºC) | >6 KJ/m2<br>ISO 180 | >2 KJ/m2<br>ISO 180 | | |
| MÓDULO DE ELASTICIDAD<br>Modulus of elasticity | 1200-1250 N/mm2<br>ISO 527-2 | >2000 N/mm2<br>ISO 527-2 | 70.000 N/mm2 | 3,6 N/mm2 (MODULUS@100)<br>ASTM D 412 |
| RESISTENCIA A LA TRACCIÓN<br>Tensile stength | >23 N/mm2<br>ISO 527-2 | >60 N/mm2<br>ISO 527-2 | >160 N/mm2<br>DIN EN 10002 | >3,95 N/mm2<br>ASTM D 412 |
| DUREZA<br>HARDNESS | >80<br>ISO 2039-2 (Rockwell-R) | >70<br>ISO 868 (Shore D) | >80<br>Brinell hardness | >85<br>ASTM D 2240 (Shore A) |
| **RANGO DE TEMPERATURAS<br>temperature range** | **-30ºC/90ºC** | **-40ºC/120ºC** | **Max. 300ºC** | **-40ºC/120ºC** |
| PROPIEDADES QUÍMICAS \| Chemical properties | | | | |
| ÁCIDOS, DISOLVENTES<br>Acids, Solvents | RESISTENTE (según concentración)<br>Conditionally Consistent | RESISTENTE (según concentración)<br>Conditionally Consistent | RESISTENTE (según concentración)<br>Conditionally Consistent | RESISTENTE (según concentración)<br>Conditionally Consistent |
| HIDROCARBUROS, ACEITES MINERALES<br>Hydrocarbons,Mineral oils | RESISTENTE (según concentración)<br>Conditionally Consistent | RESISTENTE<br>Consistent | RESISTENTE<br>Consistent | RESISTENTE<br>Consistent |
| ALCOHOL, AGUA DE MAR, OTROS ACEITES<br>Alcohol, Seawater, Other oils | RESISTENTE<br>Consistent | RESISTENTE<br>Consistent | RESISTENTE<br>Consistent | RESISTENTE<br>Consistent |

# Abrazaderas Serie doble TrΔle®

Clamps double Series – TrΔle®
Colliers Serie double TrΔle®
Collari Serie doppi TrΔle®

## Abrazaderas dobles completas

Double clamp - parallel

Colliers de fixation doubles complets

Collare doppio completo verde



| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | **AZCFS06** |
| 8 | 1 | 10 | **AZCFS08** |
| 10 | 1 | 10 | **AZCFS10** |
| 12 | 1 | 10 | **AZCFS12** |
| 1/4" | 2 | 10 | **AZCFS13.2** |
| 14 | 2 | 10 | **AZCFS14** |
| 15 | 2 | 10 | **AZCFS15** |
| 16 | 2 | 10 | **AZCFS16** |
| 3/8" | 2 | 10 | **AZCFS16.7** |
| 18 | 2 | 10 | **AZCFS18** |
| 19 | 3 | 10 | **AZCFS19** |
| 20 | 3 | 10 | **AZCFS20** |
| 1/2" | 3 | 10 | **AZCFS21.3** |
| 22 | 3 | 10 | **AZCFS22** |
| 25 | 3 | 10 | **AZCFS25** |
| 3/4" | 4 | 10 | **AZCFS26.7** |
| 28 | 4 | 10 | **AZCFS28** |
| 30 | 4 | 10 | **AZCFS30** |
| 32 | 5 | 10 | **AZCFS32** |
| 1" | 5 | 10 | **AZCFS33.3** |
| 35 | 5 | 10 | **AZCFS35** |
| 38 | 5 | 10 | **AZCFS38** |
| 40 | 5 | 10 | **AZCFS40** |
| 42 | 5 | 10 | **AZCFS42** |

**Consultar plásticos en poliamida y aluminio** */ Polyamide and aluminium plastics, on request /* Pl mide et aluminium, sur demande */ Plastica polyamide e alluminio, su richiesta*

## Abrazaderas dobles completas, plástico azul

Double clamp - parallel, blue

Colliers de fixation doubles complets, bleu

Collare doppio completo blu



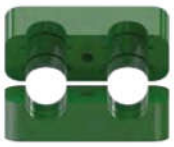
| DN | GRUPO GROUP | UNIDADES POR BOLSA UNITS PER BAG | Referencia Part n° |
|---|---|---|---|
| 8 | 1 | 10 | **AZCBL08** |
| 10 | 1 | 10 | **AZCBL10** |
| 12 | 1 | 10 | **AZCBL12** |
| 14 | 2 | 10 | **AZCBL14** |
| 15 | 2 | 10 | **AZCBL15** |
| 16 | 2 | 10 | **AZCBL16** |
| 18 | 2 | 10 | **AZCBL18** |
| 20 | 3 | 10 | **AZCBL20** |
| 22 | 3 | 10 | **AZCBL22** |
| 25 | 3 | 10 | **AZCBL25** |

## Plásticos polipropileno dobles

Double plastics polypropylene

Double plastiques polypropylene

Collare doppio polipropilene verde



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | **AD106C** |
| 8 | 1 | **AD108C** |
| 10 | 1 | **AD110C** |
| 12 | 1 | **AD112C** |
| 1/4" | 2 | **AD213.2C** |
| 14 | 2 | **AD214C** |
| 15 | 2 | **AD215C** |
| 3/8" | 2 | **AD216.7C** |
| 16 | 2 | **AD216C** |
| 18 | 2 | **AD218C** |
| 19 | 3 | **AD319C** |
| 20 | 3 | **AD320C** |
| 1/2" | 3 | **AD321.3C** |
| 22 | 3 | **AD322C** |
| 25 | 3 | **AD325C** |
| 3/4" | 4 | **AD426.7C** |
| 28 | 4 | **AD428C** |
| 30 | 4 | **AD430C** |
| 32 | 5 | **AD532C** |
| 1" | 5 | **AD533.3C** |
| 35 | 5 | **AD535C** |
| 38 | 5 | **AD538C** |
| 40 | 5 | **AD540C** |
| 42 | 5 | **AD542C** |

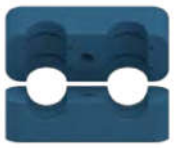
**Precio por pareja** */ Price per couple /* Prix par paire */ Prezzo per coppia*

## Plástico Polipropileno Doble Azul

Blue Double plastics polypropylene

Plastiques polypropylene doubles Bleu

Collare doppio polipropilene blu



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 8 | 1 | **AD108BL** |
| 10 | 1 | **AD110BL** |
| 12 | 1 | **AD112BL** |
| 14 | 2 | **AD214BL** |
| 15 | 2 | **AD215BL** |
| 16 | 2 | **AD216BL** |
| 18 | 2 | **AD218BL** |
| 20 | 3 | **AD320BL** |
| 22 | 3 | **AD322BL** |
| 25 | 3 | **AD325BL** |

**Precio por pareja** */ Price per couple /* Prix par paire */ Prezzo per coppia*

# Abrazaderas Serie doble TrΔle®

Clamps double Series – TrΔle®
Colliers Serie double TrΔle®
Collari Serie doppi TrΔle®

## Abrazaderas dobles completas anti-rotatorias

Full anti-rotational double clamps

Pinces doubles anti-rotation complètes

Collare doppio completo verde - antirotatorio



| DN | GRUPO GROUP | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|
| 6 | 1 | 10 | AZCAR06 |
| 8 | 1 | 10 | AZCAR08 |
| 10 | 1 | 10 | AZCAR10 |
| 12 | 1 | 10 | AZCAR12 |
| 1/4" | 2 | 10 | AZCAR13.2 |
| 14 | 2 | 10 | AZCAR14 |
| 15 | 2 | 10 | AZCAR15 |
| 16 | 2 | 10 | AZCAR16 |
| 3/8" | 2 | 10 | AZCAR16.7 |
| 18 | 2 | 10 | AZCAR18 |
| 19 | 3 | 10 | AZCAR19 |
| 20 | 3 | 10 | AZCAR20 |
| 1/2" | 3 | 10 | AZCAR21.3 |
| 22 | 3 | 10 | AZCAR22 |
| 25 | 3 | 10 | AZCAR25 |
| 3/4" | 4 | 10 | AZCAR26.7 |
| 28 | 4 | 10 | AZCAR28 |
| 30 | 4 | 10 | AZCAR30 |
| 32 | 5 | 10 | AZCAR32 |
| 1" | 5 | 10 | AZCAR33.3 |
| 35 | 5 | 10 | AZCAR35 |
| 38 | 5 | 10 | AZCAR38 |
| 40 | 5 | 10 | AZCAR40 |
| 42 | 5 | 10 | AZCAR42 |

## Plásticos polipropileno dobles anti-rotatorios

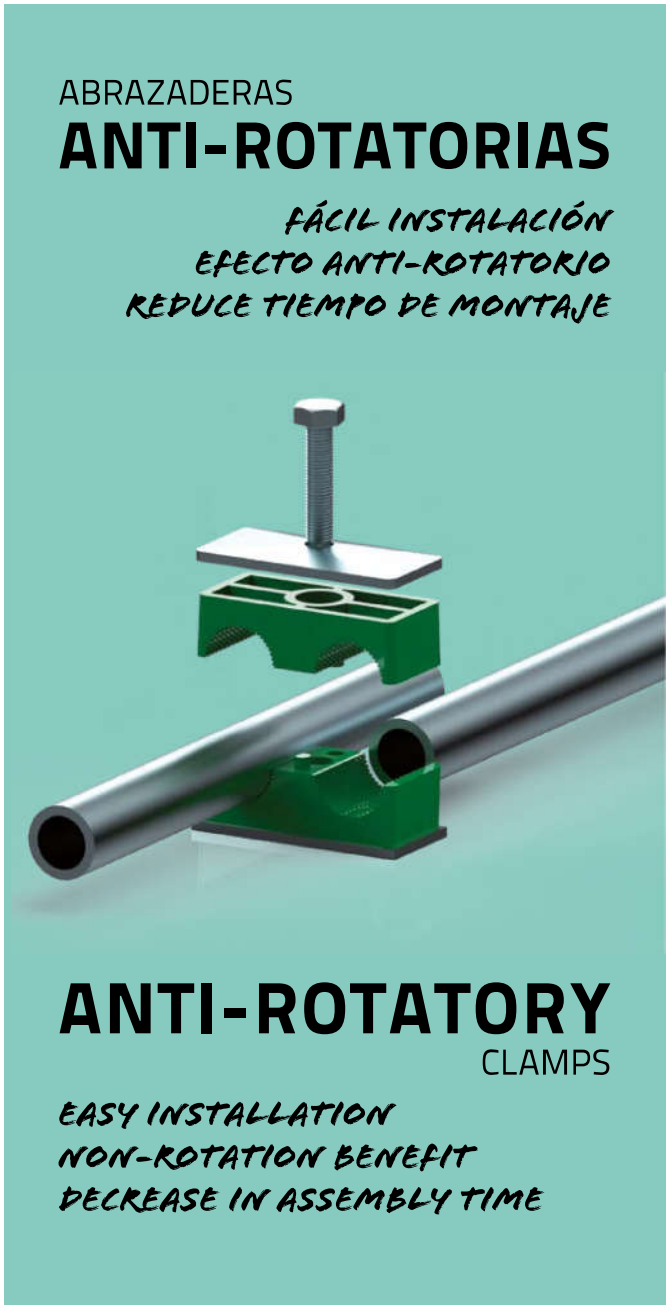
Double anti-rotational polypropylene plastics

Plastiques polypropylène double anti-rotation

Collare doppio polipropilene verde - antirotatorio



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | AD106AR |
| 8 | 1 | AD108AR |
| 10 | 1 | AD110AR |
| 12 | 1 | AD112AR |
| 1/4" | 2 | AD213.2AR |
| 14 | 2 | AD214AR |
| 15 | 2 | AD215AR |
| 3/8" | 2 | AD216.7AR |
| 16 | 2 | AD216AR |
| 18 | 2 | AD218AR |
| 19 | 3 | AD319AR |
| 20 | 3 | AD320AR |
| 1/2" | 3 | AD321.3AR |
| 22 | 3 | AD322AR |
| 25 | 3 | AD325AR |
| 3/4" | 4 | AD426.7AR |
| 28 | 4 | AD428AR |
| 30 | 4 | AD430AR |
| 32 | 5 | AD532AR |
| 1" | 5 | AD533.3AR |
| 35 | 5 | AD535AR |
| 38 | 5 | AD538AR |
| 40 | 5 | AD540AR |
| 42 | 5 | AD542AR |



# Abrazaderas Serie doble TrΔle®

Clamps double Series – TrΔle®
Colliers Serie double TrΔle®
Collari Serie doppi TrΔle®



## Chapas inferiores

Double lower plate

Plaques inférieures à souder doubles

Piastra inferiore per collare doppio



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M6 | 1 | **ADPIN1** |
| M8 | 2 | **ADPIN2** |
| M8 | 3 | **ADPIN3** |
| M8 | 4 | **ADPIN4** |
| M8 | 5 | **ADPIN5** |

## Chapas superiores

Double upper plate

Plaques supérieures de protection doubles

Piastra superiore per collare doppio



| GRUPO GROUP | Referencia Part n° |
|---|---|
| 1 | **ADPS1** |
| 2 | **ADPS2** |
| 3 | **ADPS3** |
| 4 | **ADPS4** |
| 5 | **ADPS5** |

## Tornillos cabeza hexagonal

Double hexagonal bolt

Vis hexagonale

Vite esagonale per collare doppio



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M6 | 1 | **ADVTE1** |
| M8 | 2 | **ADVTE2** |
| M8 | 3 | **ADVTE3** |
| M8 | 4 | **ADVTE4** |
| M8 | 5 | **ADVTE5** |

## Chapa agrupar abrazaderas dobles

Jointed plate for double clamp

Plaque à joindre pour collier double

Piastra inferiore multipla per collare doppio



| ROSCA THREAD | GRUPO GROUP | N° ABRAZADERAS CLAMP QTY. | Referencia Part n° |
|---|---|---|---|
| M6 | 1 | 5 | **ADPAG1** |
| M8 | 2 | 2 | **A2DPIN2** |
| M8 | 2 | 3 | **A3DPIN2** |
| M8 | 2 | 5 | **ADPAG2** |
| M8 | 3 | 3 | **A3DPIN3** |
| M8 | 3 | 5 | **ADPAG3** |

## Chapa apilar doble

Double series plate to pile up

Plaque pour empiler série double

Piastra intermedia per collari doppi componibili



| GRUPO GROUP | Referencia Part n° |
|---|---|
| 1 | **ADPA1** |
| 2/3/4/5 | **ADPA2** |

## Tornillo apilar doble

Double series screw to pile up

Vis pour empiler série double

Vite a brugola per collari doppi componibili



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M8 | 2 | **ADVTA2** |
| M8 | 3 | **ADVTA3** |
| M8 | 4 | **ADVTA4** |
| M8 | 5 | **ADVTA5** |

**Para Grupo 1: AVTA1 (ligera)** / *For Group 1: AVTA1 (Light)* / Pour le Groupe 1: AVTA1 (légère) / *Pe* *AVTA1*
*(leggera)*

# Abrazaderas Serie pesada TrΔle®

Clamps heavy Series - TrΔle®
Colliers Série lourde TrΔle®
Collari Serie pesante TrΔle®

## Abrazadera completa, serie pesada

Heavy clamp, heavy series

Collier de fixation simple complet, série lourde

Collare singolo completo verde - serie pesante



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | **AZCPS06** |
| 8 | 1 | **AZCPS08** |
| 10 | 1 | **AZCPS10** |
| 12 | 1 | **AZCPS12** |
| 1/4" | 1 | **AZCPS13.2** |
| 14 | 1 | **AZCPS14** |
| 15 | 1 | **AZCPS15** |
| 16 | 1 | **AZCPS16** |
| 3/8" | 1 | **AZCPS17.2** |
| 18 | 1 | **AZCPS18** |
| 20 | 2 | **AZCPS20** |
| 1/2" | 2 | **AZCPS21.3** |
| 22 | 2 | **AZCPS22** |
| 25 | 2 | **AZCPS25** |
| 3/4" | 2 | **AZCPS26.7** |
| 28 | 2 | **AZCPS28** |
| 30 | 2 | **AZCPS30** |
| 32 | 3 | **AZCPS32** |
| 1" | 3 | **AZCPS33.3** |
| 35 | 3 | **AZCPS35** |
| 38 | 3 | **AZCPS38** |
| 40 | 3 | **AZCPS40** |
| 42 | 3 | **AZCPS42** |
| 1"1/4 | 4 | **AZCPS42.4** |
| 45 | 4 | **AZCPS45** |
| 48-1" 1/2 | 4 | **AZCPS48** |
| 1"1/2 | 4 | **AZCPS48.4** |
| 50 | 4 | **AZCPS50** |
| 55 | 4 | **AZCPS55** |
| 60 | 4 | **AZCPS60** |
| 60-2" | 4 | **AZCPS60.3** |
| 65 | 4 | **AZCPS65** |
| 70 | 4 | **AZCPS70** |

**Consultar plásticos en poliamida** */ Polyamide plastics on request /* Plastique polyamide sur de *polyamide su richiesta*

## Abrazadera completa aluminio, serie pesada

Aluminium Heavy clamp, heavy series

Collier de fixation en aluminium, série lourde

Collare singolo completo alluminio - serie pesante



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | **AZALPS06** |
| 8 | 1 | **AZALPS08** |
| 10 | 1 | **AZALPS10** |
| 12 | 1 | **AZALPS12** |
| 1/4" | 1 | **AZALPS13.2** |
| 14 | 1 | **AZALPS14** |
| 15 | 1 | **AZALPS15** |
| 16 | 1 | **AZALPS16** |
| 3/8 | 1 | **AZALPS17.2** |
| 18 | 1 | **AZALPS18** |
| 20 | 2 | **AZALPS20** |
| 1/2" | 2 | **AZALPS21.3** |
| 22 | 2 | **AZALPS22** |
| 25 | 2 | **AZALPS25** |
| 3/4" | 2 | **AZALPS26.7** |
| 28 | 2 | **AZALPS28** |
| 30 | 2 | **AZALPS30** |
| 32 | 3 | **AZALPS32** |
| 1" | 3 | **AZALPS33.3** |
| 35 | 3 | **AZALPS35** |
| 38 | 3 | **AZALPS38** |
| 42 - 1" 1/4 | 3 | **AZALPS42** |
| 42 - 1" 1/4 | 4 | **AZALPS42.4** |
| 45 | 4 | **AZALPS45** |
| 48-1" 1/2 | 4 | **AZALPS48** |
| 50 | 4 | **AZALPS50** |
| 55 | 4 | **AZALPS55** |
| 2" | 4 | **AZALPS60.3** |
| 65 | 4 | **AZALPS65** |
| 70 | 4 | **AZALPS70** |
| 2" 1/2 | 5 | **AZALPS76.1** |

# Abrazaderas Serie pesada TrΔle®

Clamps heavy Series – TrΔle®
Colliers Série lourde TrΔle®
Collari Serie pesante TrΔle®



## Plásticos polipropileno, serie pesada

Plastics polypropylene, heavy series

Plastique polypropylene, série lourde

Collare singolo polipropilene verde – serie pesante



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | AMPP106C |
| 8 | 1 | AMPP108C |
| 10 | 1 | AMPP110C |
| 12 | 1 | AMPP112C |
| 1/4" | 1 | AMPP113.2C |
| 14 | 1 | AMPP114C |
| 15 | 1 | AMPP115C |
| 16 | 1 | AMPP116C |
| 3/8" | 1 | AMPP117.2C |
| 18 | 1 | AMPP118C |
| 20 | 2 | AMPP220C |
| 1/2" | 2 | AMPP221.3C |
| 22 | 2 | AMPP222C |
| 25 | 2 | AMPP225C |
| 3/4" | 2 | AMPP226.7C |
| 28 | 2 | AMPP228C |
| 30 | 2 | AMPP230C |
| 30 | 3 | AMPP330C |
| 32 | 3 | AMPP332C |
| 1" | 3 | AMPP333.3C |
| 35 | 3 | AMPP335C |
| 38 | 3 | AMPP338C |
| 40 | 3 | AMPP340C |
| 42 | 3 | AMPP342C |
| 38 | 4 | AMPP438C |
| 42- 1" 1/4 | 4 | AMPP442C |
| 45 | 4 | AMPP445C |
| 48-1" 1/2 | 4 | AMPP448C |
| 50 | 4 | AMPP450C |
| 55 | 4 | AMPP455C |
| 2" | 4 | AMPP460.3C |
| 65 | 4 | AMPP465C |
| 70 | 4 | AMPP470C |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Plásticos para abrazaderas anti-vibración

Plastic for anti-vibration clamps

Plastiques pour colliers de fixation antivibratoire

Plastici per collari fissatubo anti-vibrazioni, serie pesante



| DN | SERIE | GRUPO GROUP | Referencia Part n° |
|---|---|---|---|
| 35 | S | 4 | AMS403500 |
| 38 | S | 4 | AMS403800 |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Cuerpo abrazaderas Aluminio

Aluminium clamps body

Corps aluminium colliers

Collare singolo alluminio – serie pesante



| DN | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| 6 | 1 | AMPP106L |
| 8 | 1 | AMPP108L |
| 10 | 1 | AMPP110L |
| 12 | 1 | AMPP112L |
| 1/4" | 1 | AMPP113.2L |
| 14 | 1 | AMPP114L |
| 15 | 1 | AMPP115L |
| 16 | 1 | AMPP116L |
| 3/8" | 1 | AMPP117.2L |
| 18 | 1 | AMPP118L |
| 20 | 2 | AMPP220L |
| 1/2" | 2 | AMPP221.3L |
| 22 | 2 | AMPP222L |
| 25 | 2 | AMPP225L |
| 3/4" | 2 | AMPP226.7L |
| 28 | 2 | AMPP228L |
| 30 | 2 | AMPP230L |
| 30 | 3 | AMPP330L |
| 32 | 3 | AMPP332L |
| 1" | 3 | AMPP333.3L |
| 35 | 3 | AMPP335L |
| 38 | 3 | AMPP338L |
| 40 | 3 | AMPP340L |
| 42 | 3 | AMPP342L |
| 38 | 4 | AMPP438L |
| 42- 1" 1/4 | 4 | AMPP442L |
| 45 | 4 | AMPP445L |
| 48-1" 1/2 | 4 | AMPP448L |
| 50 | 4 | AMPP450L |
| 55 | 4 | AMPP455L |
| 2" | 4 | AMPP460.3L |
| 65 | 4 | AMPP465L |
| 70 | 4 | AMPP470L |

**Precio por pareja** / *Price per couple* / Prix par paire / *Prezzo per coppia*

## Tornillo para serie pesada apilable

Screw to pile up heavy series

Vis à empiler série lourde

Vite a brugola per collari componibili serie pesante



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M10 | 1 | APVTA1 |
| M10 | 2 | APVTA2 |
| M10 | 3 | APVTA3 |
| M12 | 4 | APVTA4 |

# Abrazaderas Serie pesada TrΔle®

Clamps heavy Series – TrΔle®
Colliers Série lourde TrΔle®
Collari Serie pesante TrΔle®

## Tornillos cabeza hexagonal, serie pesada

Hexagonal bolt, heavy series

Vis hexagonale, série lourde

Vite esagonale – serie pesante



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M10 | 1 | AVTEP1 |
| M10 | 2 | AVTEP2 |
| M10 | 3 | AVTEP3 |
| M12 | 4 | AVTEP4 |

## Chapas inferiores, serie pesada

Lower plate, heavy series

Plaques inférieures à souder, série lourde

Piastra inferiore – serie pesante



| ROSCA THREAD | GRUPO GROUP | Referencia Part n° |
|---|---|---|
| M10 | 1 | APINP1 |
| M10 | 2 | APINP2 |
| M10 | 3 | APINP3 |
| M12 | 4 | APINP4 |

## Chapas superiores, serie pesada

Upper plate, heavy series

Plaques supérieures de protection, série lourde

Piastra superiore – serie pesante



| GRUPO GROUP | Referencia Part n° |
|---|---|
| 1 | APSP1 |
| 2 | APSP2 |
| 3 | APSP3 |
| 4 | APSP4 |

## Chapa apilar Pesada

Heavy series plate to pile up

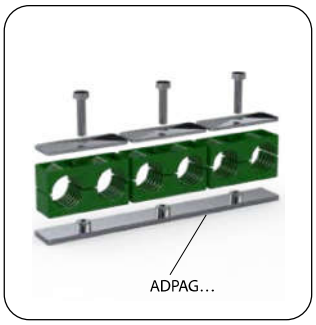
Plaque pour empiler série lourde

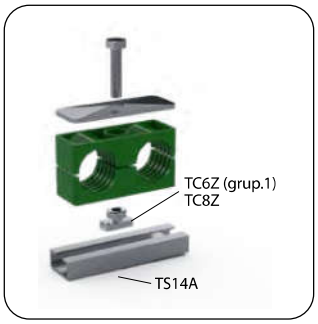
Piastra intermedia collari componibili serie pesante

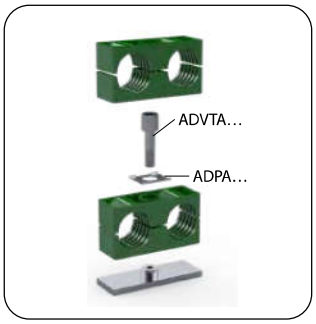


| GRUPO GROUP | Referencia Part n° |
|---|---|
| 1 | APAP1 |
| 2 | APAP2 |
| 3 | APAP3 |
| 4 | APAP4 |



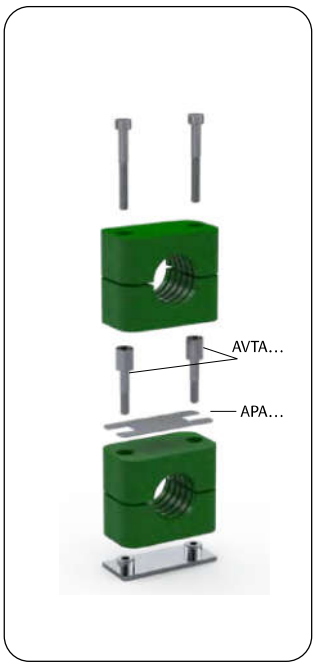









# Accesorios abrazaderas TrΔle®

Accessories for clamps - TrΔle®
Accessoires colliers TrΔle®
Accessori per collari TrΔle®



## Accesorios carril

Accessories for lane

Accessories pour lane

Accessori per binario



| ROSCA THREAD | TAMAÑO SIZE | DESCRIPCION DESCRIPTION | Referencia Part n° |
|---|---|---|---|
| M6 | -- | RAIL NUT | **TC6A** |
| M8 | -- | RAIL NUT | **TC8A** |
| M10 | -- | RAIL NUT | **TC10A** |
| M12 | -- | RAIL NUT | **TC12A** |
| -- | 11x28 | RAIL | **TS11A** |
| -- | 14x28 | RAIL | **TS14A** |
| -- | 22x40 | RAIL | **TSP22** |

SERIE LIGERA
*LIGHT SERIES*










SERIE DOBLE
*DOUBLE SERIES*













SERIE PESADA
*HEAVY SERIES*





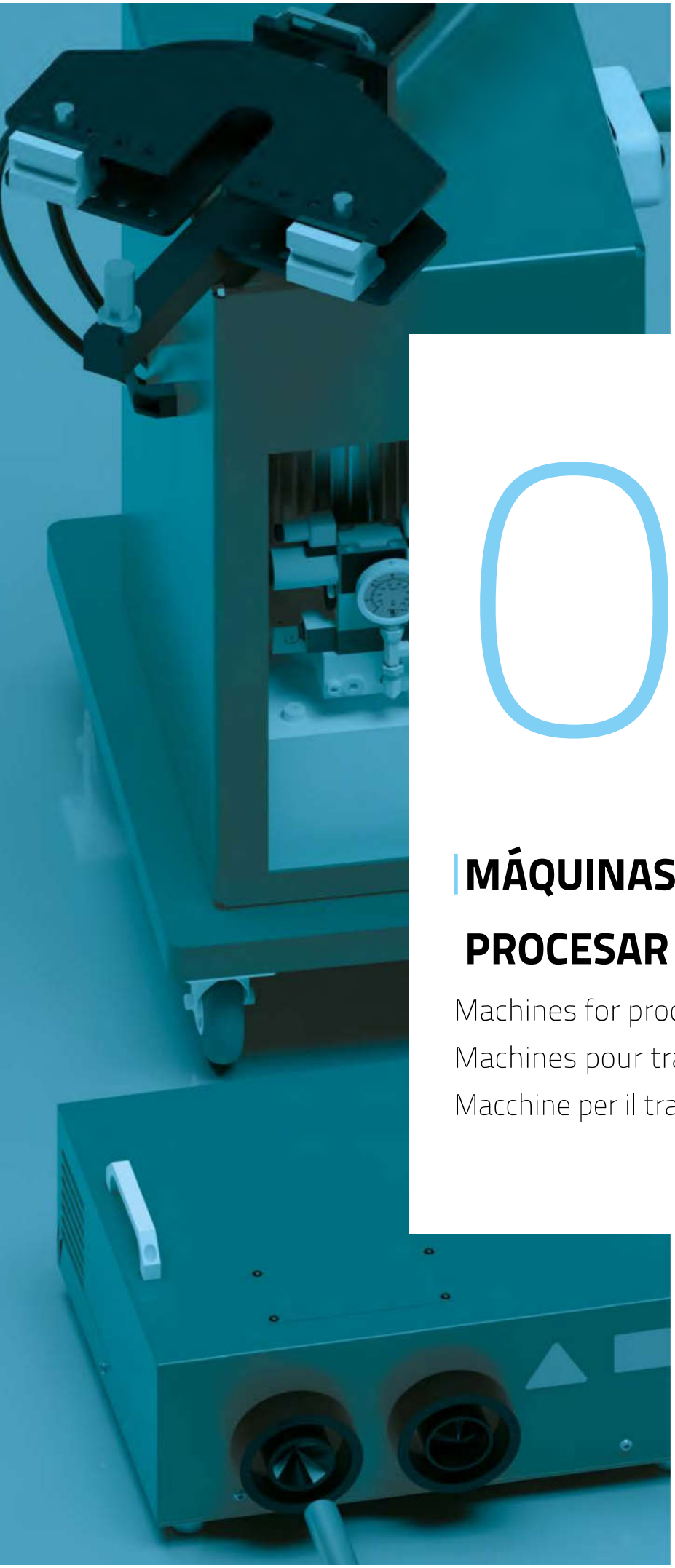




# Máquinas para procesar el tubo rígido



Machines for processing rigid pipes
Machines pour travailler le tube rigide
Macchine per il trattamento del tubo rigido



# 05

## MÁQUINAS PARA PROCESAR EL TUBO RÍGIDO

Machines for processing rigid pipes

Machines pour travailler le tube rigide

Macchine per il trattamento del tubo rigido

TrAle®

# MÁQUINAS TUBO RÍGIDO

Machines For Processing Rigid Pipes
Machines Pour Travailler Le Tube Rigide
Macchine Per Il Trattamento Del Tubo Rigido

## PIPE · TUBO RÍGIDO

### DEBURRING MACHINE · DESBARBADORA

#### DEBUR01

R.P.M 75 · 0.18 Kw · Ø 6- 42 mm · 30 kg



*Útiles de desbarbado incluidos*
*Deburring tools included*

### ASSEMBLY MACHINE · MONTAJE

#### USFL/01 MAN

6 → 42 x 4 mm



DIN 2353 · JIC 37°

#### TUBE2437

6 → 42 x 4 mm · 0,75 Kw



DIN 2353 · JIC 37°

### BENDING MACHINES · DOBLADORAS

#### M18 6-18

6 → 18 mm



#### CMS42

6 → 42 x 4 mm



*Con soporte*
*With tool-holder cabinet.*

#### BENDER642

6 → 42 x 4 mm · 1.1 Kw

*Dobladora eléctrica con mueble.*
*Electric bending machine with cabinet*




### Bending & Assembly Machine Tools · Útiles para las máquinas de doblado y montaje de racores

#### CUC42



Matrices de doblado
*Bending tools*

#### TOOLHOLDER37




Matrices JIC 37°
*Tools JIC 37°*

#### BL

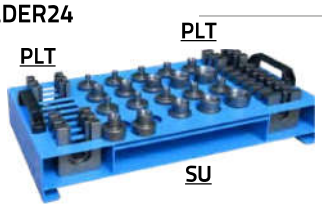
JIC 37°



Bloque BL JIC 37°
*BL Block JIC 37°*

#### TOOLHOLDER24

DIN 2353




Machos y matrices DIN 2353
*Sockets & plates DIN 2353*

### WORK BENCH · BANCOS DE TRABAJO

#### CEN-MINI

1.7 Kw max.
210 kg.



*Pequeño y económico*
*Small & inexpensive*

**Mini**
*Mini*

#### CEN-JU

4.6 Kw max.
300 kg.
Max. Ø 100 mm.
220 l/min.
AIR

**Completo**
*Complete*



*Con corte & aire comprimido*
*With cutting & compressed air*





**ADAPTADORES**
Adaptors
Adapteurs
Adattatori




**ENCHUFES RÁPIDOS**
Quick-release couplings
Coupleurs rapides
Innesti rapidi




**LLAVES DE PASO**
Ball valves
Robinets
Rubinetti




**DESVIADORES**
Diverters
Déviateurs
Deviatori di flusso




**RACORES GIRATORIOS**
Swivel fittings
Raccords tournants
Raccordi girevoli




**MULTIENCHUFES**
Multi-way couplings
Multi-coupleur
Multinnesti rapidi




**PROTECCIONES**
Protections
Protections
Protezioni



**Adaptadores BSP , BSPT y Métricos** 290
Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

**Adaptadores NPT** 307
NPT Adaptors
Adapteurs NPT
Adattatori NPT

**Adaptadores ORFS** 311
ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS



# 01

# ADAPTADORES

Adaptors

Adapteurs

Adattatori

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

Uniones rectas macho ▪ Straight adaptors male ▪ Adapteur droit mâle-mâle ▪ Adattatori diritti maschio | 290



A1010 A1020 A1010_WD A1020_WD S1014 S1012 A1022 A1024 A1016 S1016 S1018

Uniones rectas macho-hembra ▪ Adaptors male-female ▪ Adapteur mâle-femelle ▪ Adattatori diritti maschio-femmina | 292



A1170 A1173 A1050 S10610 S106218 A1172 A1060 A1061 A1150 A1171 A1074

Tapones ▪ Plugs & Caps ▪ Bouchons adapteur ▪ Tappi | 294



A1072 A1070 A1076 A1075 A1073 A1071

Uniones hembra y pasatabiques ▪ Adaptors female and bulkheads ▪ Unions femelle et passe cloison ▪ Adattatori femmina e passaparete | 295



A1310 S10310 S10310 A1160 A1272 A1162

Orientables ▪ Banjos ▪ Adapteurs banjo ▪ Adattatori a occhio | 296



A1090 A1094 A1092 A1093 S1092 A1096 A1140 A1112 A1111 A1113

Soldables ▪ Weldable adaptors ▪ Adapteurs à souder ▪ Adattatori a saldare | 297



A1290 A1030 A1031 A1141 A1311

Codos accesoriales (tubo) ▪ Accessorial elbows ▪ Adapteurs coudes ▪ Adattatori a 90° tubolari | 298



A1194 A1196 A1195

Codos en forja ▪ Forging elbows ▪ Adapteurs coudes en forge ▪ Adattatori a 90° forgiati | 299



S1190 S1192 S1195 S1188 S860 S1194 S1193 S1199 S1183 S1191

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico


S1185


S1196


S1197


S1186


S1198


S1181


S1187


S1182

Te en forja y cruz ▪ Forging Tees and croos ▪ Adapteurs Tés en forge et des croix ▪ Adattatori a T forgiati e croce | 302


S1220


S1224


S1225


S1223


S865


S1226


S1229


S1228


S1227

Codos, Te en bloque (cuadrado) y cruz ▪ Square elbows, Tees and cross ▪ Adapteurs coudes. Tés en bloque et des croix ▪ Adattatori a 90°, T da quadro senza saldatura e croce | 304


A1192


A2190


A2193


A2220


A2224


A2222


A2223

Juntas metal Buna y arandelas ▪ Bonded seals ▪ Bague BS ▪ Rondelle e rondelle Bonded | 306


T210


T320


A1332


A1330


A1333

# Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

Uniones rectas macho-macho ▪ Straight adaptors male ▪ Unions mâle ▪ Adattatori diritti maschio - maschio | 307


A1015

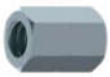

A1015

Uniones rectas macho-hembra ▪ Adaptors male-female ▪ Unions mâle-femelle ▪ Adattatori diritti maschio - femmina | 307


N1170


N1060

Uniones hembra ▪ Adaptors female ▪ Unions femelle ▪ Adattori femmina | 307


N10310

Tapones ▪ Plugs & Caps ▪ Bouchons ▪ Tappi | 308


N1072


N1071


N1070

Codos en forja ▪ Forging elbows ▪ Adapteurs coude en forge ▪ Adattatori a 90° e 45° forgiati | 308


N1196


N1190


N1193


N1196


N1393


N1198

Tes en forja ▪ Forging tees ▪ Adapteurs Té en forge ▪ Adattatori a T forgiati | 309


N1220


N1226

# Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS

ORFS Rectos ▪ Straight ORFS ▪ ORFS Droits ▪ Raccordi diritti ORFS | 311


OR102


OR104


OR200


OR1273


OR105


OR301


OR202


OR302


OR1017


OR204


OR106


OR303


OR313


OR304


OR305

Codos 45° ORFS ▪ ORFS 45° Elbows ▪ Coude 45° ORFS ▪ Raccordi a 45° ORFS | 313


OR501


OR601

Codos 90° ORFS ▪ ORFS 90° Elbows ▪ Coude 90° ORFS ▪ Raccordi a 90° ORFS | 314


OR405


OR600


OR403


OR401


OR404

Te ORFS ▪ ORFS Tees ▪ Tés ORFS ▪ Raccordi a T ORFS | 315


OR700


OR701


OR702


OR703


OR704

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Adaptador macho-macho BSP (60°)

Adaptor BSP male-BSP male (60°)

Adapteur mâle BSP x mâle BSP (60°)

Adattatore maschio-maschio BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | A101002 |
| 1/4" BSP | 1/4" BSP | A101004 |
| 1/4" BSP | 1/4" BSP | A101004H19 |
| 3/8" BSP | 3/8" BSP | A101006 |
| 1/2" BSP | 1/2" BSP | A101008 |
| 5/8" BSP | 5/8" BSP | A101010 |
| 3/4" BSP | 3/4" BSP | A101012 |
| 1" BSP | 1" BSP | A101016 |
| 1"1/4 BSP | 1"1/4 BSP | A101020 |
| 1"1/2 BSP | 1"1/2 BSP | A101024 |
| 2" BSP | 2" BSP | A101032 |
| 2" 1/2 BSP | 2" 1/2 BSP | A101040 |
| 3" BSP | 3" BSP | A101048 |

## Reductor macho-macho BSP (60°)

Reducer adaptor BSP male-BSP male (60°)

Reducteur mâle BSP x mâle BSP (60°)

Riduzione maschio-maschio BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/4" BSP | A10200204 |
| 1/8" BSP | 3/8" BSP | A10200206 |
| 1/4" BSP | 3/8" BSP | A10200406 |
| 1/4" BSP | 1/2" BSP | A10200408 |
| 3/8" BSP | 1/2" BSP | A10200608 |
| 3/8" BSP | 3/4" BSP | A10200612 |
| 1/2" BSP | 3/4" BSP | A10200812 |
| 1/2" BSP | 1" BSP | A10200816 |
| 5/8" BSP | 1/2" BSP | A10201008 |
| 5/8" BSP | 3/4" BSP | A10201012 |
| 3/4" BSP | 1" BSP | A10201216 |
| 3/4" BSP | 1"1/4 BSP | A10201220 |
| 1" BSP | 1"1/4 BSP | A10201620 |
| 1" BSP | 1"1/2 BSP | A10201624 |
| 1"1/4 BSP | 1"1/2 BSP | A10202024 |
| 1"1/4 BSP | 2" BSP | A10202032 |
| 1"1/2 BSP | 2" BSP | A10202432 |
| 2" BSP | 2" 1/2 BSP | A10203240 |
| 2" BSP | 3" BSP | A10203248 |
| 2" 1/2 BSP | 3" BSP | A10204048 |

## Adaptador macho-macho BSP (60°) WD

Adaptor male BSP 60° - male BSP 60° ED

Adapteur mâle BSP - mâle BSP cône 60°

Adattatore maschio-maschio BSP 60° con guarnizione



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | A101004WD |
| 3/8" BSP | 3/8" BSP | A101006WD |
| 1/2" BSP | 1/2" BSP | A101008WD |
| 3/4" BSP | 3/4" BSP | A101012WD |
| 1" BSP | 1" BSP | A101016WD |

## Reductor macho-macho BSP (60°) WD

Reducer male adaptor BSP 60° - male BSP 60° ED

Réducteur mâle BSP - mâle BSP cône 60° WD

Riduzione maschio-maschio BSP 60° con guarnizione



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 3/8" BSP | A10200406WD |
| 1/4" BSP | 1/2" BSP | A10200408WD |
| 3/8" BSP | 1/2" BSP | A10200608WD |
| 1/2" BSP | 3/4" BSP | A10200812WD |
| 3/4" BSP | 1" BSP | A10201216WD |

## Adaptador macho BSP (60°) - macho NPT

Adaptor BSP male (60°)-NPT male

Adapteur mâle BSP (60°) x mâle briggs (NPT)

Adattatore maschio BSP 60° - maschio NPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" NPT | S101402 |
| 1/4" BSP | 1/4" NPT | S101404 |
| 3/8" BSP | 3/8" NPT | S101406 |
| 1/2" BSP | 1/2" NPT | S101408 |
| 3/4" BSP | 3/4" NPT | S101412 |
| 1" BSP | 1" NPT | S101416 |
| 1"1/4 BSP | 1"1/4 NPT | S101420 |
| 1"1/2 BSP | 1"1/2 NPT | S101424 |
| 2" BSP | 2" NPT | S101432 |

## Adaptador macho BSP (60°) - macho BSPT

Adaptor BSP male- 60° BSPT male

Adapteur mâle BSP (60°) x mâle gaz conique (BSPT)

Adattatore maschio BSP 60° - maschio BSPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSPT | S101202 |
| 1/4" BSP | 1/4" BSPT | S101204 |
| 3/8" BSP | 3/8" BSPT | S101206 |
| 1/2" BSP | 1/2" BSPT | S101208 |
| 3/4" BSP | 3/4" BSPT | S101212 |
| 1" BSP | 1" BSPT | S101216 |
| 1"1/4 BSP | 1"1/4 BSPT | S101220 |
| 1"1/2 BSP | 1"1/2 BSPT | S101224 |
| 2" BSP | 2" BSPT | S101232 |

TrAle®

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico



## Reductor macho BSP (60°) - macho BSPT

Reducer adaptor BSP male (60°)-BSPT male

Reducteur mâle BSP (60°) x mâle gaz conique (BSPT)

Riduzione maschio BSP 60° - maschio BSPT



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/4" BSP | 3/8" BSPT | | **A10220406** |
| 3/8" BSP | 1/4" BSPT | NEW | **A10220604** |
| 3/8" BSP | 1/2" BSPT | | **A10220608** |
| 3/8" BSP | 3/4" BSPT | | **A10220612** |
| 1/2" BSP | 1/4" BSPT | | **A10220804** |
| 1/2" BSP | 3/8" BSPT | NEW | **A10220806** |
| 1/2" BSP | 3/4" BSPT | | **A10220812** |
| 3/4" BSP | 1/2" BSPT | NEW | **A10221208** |
| 3/4" BSP | 1" BSPT | | **A10221216** |
| 1" BSP | 3/4" BSPT | NEW | **A10221612** |
| 1"1/4 BSP | 1" BSPT | | **A10222016** |
| 1"1/2 BSP | 2" BSPT | | **A10222432** |

## Reductor macho BSP (60°) - macho NPT

Reducer adaptor BSP male (60°)-NPT male

Reducteur mâle BSP (60°) x mâle briggs (NPT)

Riduzione maschio BSP 60° - maschio NPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/8" NPT | **A10240402** |
| 1/4" BSP | 3/8" NPT | **A10240406** |
| 1/4" BSP | 1/2" NPT | **A10240408** |
| 3/8" BSP | 1/2" NPT | **A10240608** |
| 1/2" BSP | 3/8" NPT | **A10240806** |
| 1/2" BSP | 3/4" NPT | **A10240812** |
| 3/4" BSP | 1/2" NPT | **A10241208** |
| 3/4" BSP | 1" NPT | **A10241216** |

## Adaptador macho-macho BSPT

Adaptor BPST male-BSPT male

Adapteur mâle gaz conique (BSPT) x mâle gaz conique (BSPT)

Adattatore maschio-maschio BSPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSPT | 1/4" BSPT | **A10160404** |
| 3/8" BSPT | 3/8" BSPT | **A10160606** |
| 1/2" BSPT | 1/2" BSPT | **A10160808** |
| 3/4" BSPT | 3/4" BSPT | **A10161212** |
| 1" BSPT | 1" BSPT | **A10161616** |

## Adaptador macho-macho Métrico (60°)

Adaptor Metric male-male (60°)

Adapteur mâle DIN x mâle DIN Métrique (60°)

Adattatore maschio-maschio metrico 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M12x1.5 | M12x1.5 | **S101612** |
| M14x1.5 | M14x1.5 | **S101614** |
| M16x1.5 | M16x1.5 | **S101616** |
| M18x1.5 | M18x1.5 | **S101618** |
| M22x1.5 | M22x1.5 | **S101622** |
| M26x1.5 | M26x1.5 | **S101626** |

## Adaptador macho BSP (60°) - macho métrico

Adaptor BSP male (60°) - metric male

Adapteur mâle BSP (60°) x mâle briggs (métrique)

Adattatore maschio BSP 60° - maschio metrico



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | M10X1 | **S10180210** |
| 1/8" BSP | M12X1.5 | **S10180212** |
| 1/4" BSP | M14X1.5 | **S10180414** |
| 1/4" BSP | M16X1.5 | **S10180416** |
| 3/8" BSP | M16X1.5 | **S10180616** |
| 3/8" BSP | M18X1.5 | **S10180618** |
| 1/2" BSP | M18X1.5 | **S10180818** |
| 1/2" BSP | M22X1.5 | **S10180822** |
| 3/4" BSP | M22X1.5 | **S10181222** |
| 3/4" BSP | M27X2 | **S10181227** |
| 1" BSP | M27X2 | **S10181627** |
| 1" 1/4 BSP | M42X2 | **S10182042** |
| 1" 1/2 BSP | M48X2 | **S10182448** |

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Adap. macho - hembra giratoria BSP (60°)

Adaptor BSP male-BSP swivel female (60°)

Adapteur mâle BSP x femelle tournante BSP (60°)

Adattatore maschio-femmina girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | A117002 |
| 1/4" BSP | 1/4" BSP | A117004 |
| 3/8" BSP | 3/8" BSP | A117006 |
| 1/2" BSP | 1/2" BSP | A117008 |
| 3/4" BSP | 3/4" BSP | A117012 |
| 1" BSP | 1" BSP | A117016 |
| 1"1/4 BSP | 1"1/4 BSP | A117020 |
| 1"1/2 BSP | 1"1/2 BSP | A117024 |
| 2" BSP | 2" BSP | A117032 |

## Reductor macho - hembra giratoria BSP (60°)

Reducer BSP male-BSP swivel female (60°)

Reducteur mâle BSP x femelle tournante BSP (60°)

Riduzione maschio-femmina girevole BSP 60°



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/4" BSP | A11730204 |
| 1/4" BSP | 1/8" BSP | A11730402 |
| 1" BSP | 3/4" BSP | A11731612 |
| 1/4" BSP | 3/8" BSP | A11730406 |
| 3/8" BSP | 1/4" BSP | A11730604 |
| 3/8" BSP | 1/2" BSP | A11730608 |
| 1/2" BSP | 3/8" BSP | A11730806 |
| 1/2" BSP | 3/4" BSP | A11730812 |
| 3/4" BSP | 1/2" BSP | A11731208 |
| 3/4" BSP | 1" BSP | A11731216 |
| 3/4" BSP | 1"1/4 BSP | A11731220 |
| 1" BSP | 1"1/4 BSP | A11731620 |
| 1"1/4 BSP | 1"1/2 BSP | A11732024 |
| 1"1/2 BSP | 2" BSP | A11732432 |

## Prolongador macho (60°) - hembra fija BSP

Adaptor BSP male (60°) - BSP fixed female

Prolongateur mâle BSP (60°) x femelle gaz fixe

Prolunga maschio BSP 60° - femmina BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | A105002 |
| 1/8" BSP | 1/8" BSP | A105002L38 |
| 1/4" BSP | 1/4" BSP | A105004 |
| 1/4" BSP | 1/4" BSP | A105004L46 |
| 1/4" BSP | 1/4" BSP | A105004L56 |
| 3/8" BSP | 3/8" BSP | A105006 |
| 3/8" BSP | 3/8" BSP | A105006L44 |
| 3/8" BSP | 3/8" BSP | A105006L54 |
| 1/2" BSP | 1/2" BSP | A105008 |
| 1/2" BSP | 1/2" BSP | A105008L50 |
| 1/2" BSP | 1/2" BSP | A105008L60 |
| 3/4" BSP | 3/4" BSP | A105012 |
| 3/4" BSP | 3/4" BSP | A105012L72 |
| 1" BSP | 1" BSP | A105016 |
| 1" BSP | 1" BSP | A105016L84 |
| 1"1/4 BSP | 1"1/4 BSP | A105020 |
| 1"1/4 BSP | 1"1/4 BSP | A105020L92 |
| 1"1/2 BSP | 1"1/2 BSP | A105024 |
| 1"1/2 BSP | 1"1/2 BSP | A105024L100 |
| 2" BSP | 2" BSP | A105032 |
| 2" BSP | 2" BSP | A105032L100 |

## Reductor macho BSP (60°) - hembra fija Métrica

Reducer adaptor BSP male (60°) - Metric fixed female

Reducteur mâle BSP (60°) x femelle fixe Métrique

Prolunga maschio BSP 60° - femmina fissa metrica



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 3/8" BSP | M14x1.5 | S10610614 |
| 3/8" BSP | M18x1.5 | S10610618 |
| 1/2" BSP | M18x1.5 | S10610818 |
| 1/2" BSP | M22x1.5 | S10610822 |

## Reductor macho métrico (60°) - hembra fija BSP

Reducer adaptor Metric male - BSP fixed female

Reducteur mâle Métrique (60°) x femelle fixe gaz

Prolunga maschio metrico 60° - femmina fissa BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M18x1.5 | 1/4" BSP | S10621804 |
| M18x1.5 | 3/8" BSP | S10621806 |
| M18x1.5 | 1/2" BSP | S10621808 |

TrAle®

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

## Adap. hembra giratoria - hembra giratoria BSP (60°)

Adaptor BSP swivel female - BSP swivel female (60°)

Adapteur femelle tournante BSP x femelle tournante BSP (60°)

Adattatore femmina girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | A117204 |
| 3/8" BSP | 3/8" BSP | A117206 |
| 1/2" BSP | 1/2" BSP | A117208 |
| 3/4" BSP | 3/4" BSP | A117212 |
| 1" BSP | 1" BSP | A117216 |
| 1"1/4 BSP | 1"1/4 BSP | A117220 |
| 1"1/2 BSP | 1"1/2 BSP | A117224 |
| 2" BSP | 2" BSP | A117232 |

## Reductor macho BSP (60°) - hembra fija BSP

Reducer adaptor BSP male (60°) - BSP fixed female

Prolongateur reducteur mâle BSP (60°) x femelle gaz fixe

Prolunga di riduzione maschio BSP 60° - femmina BSP



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/4" BSP | A10600204 |
| 1/8" BSP | 3/8" BSP | A10600206 |
| 1/4" BSP | 1/8" BSP | A10600402 |
| 1/4" BSP | 3/8" BSP | A10600406 |
| 1/4" BSP | 1/2" BSP | A10600408 |
| 3/8" BSP | 1/8" BSP | A10600602 |
| 3/8" BSP | 1/4" BSP | A10600604 |
| 3/8" BSP | 1/2" BSP | A10600608 |
| 3/8" BSP | 3/4" BSP | A10600612 |
| 1/2" BSP | 1/4" BSP | A10600804 |
| 1/2" BSP | 3/8" BSP | A10600806 |
| 1/2" BSP | 3/4" BSP | A10600812 |
| 1/2" BSP | 1" BSP | A10600816 |
| 3/4" BSP | 3/8" BSP | A10601206 |
| 3/4" BSP | 1/2" BSP | A10601208 |
| 3/4" BSP | 1" BSP | A10601216 |
| 3/4" BSP | 1"1/4 BSP | A10601220 |
| 1" BSP | 1/2" BSP | A10601608 |
| 1" BSP | 3/4" BSP | A10601612 |
| 1" BSP | 1"1/4 BSP | A10601620 |
| 1"1/4 BSP | 1" BSP | A10602016 |
| 1"1/4 BSP | 1"1/2 BSP | A10602024 |
| 1"1/2 BSP | 1"1/4 BSP | A10602420 |
| 1"1/2 BSP | 2" BSP | A10602432 |

## Prolongador macho BSPT - hembra fija BSP

NEW

Adaptor BSPT male - BSP fixed female

Prolongateur reducteur mâle BSPT x femelle gaz fixe BSP

Prolunga maschio BSPT - femmina BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" | 1/4" | A106104 |
| 3/8" | 3/8" | A106106 |
| 1/2" | 1/2" | A106108 |
| 3/4" | 3/4" | A106112 |
| 1" | 1" | A106116 |

## Tapón reductor macho (60°) - hembra fija BSP

Reducer plug BSP male (60°) - BSP fixed female

Bouchon reducteur mâle BSP (60°) x femelle gaz fixe

Tappo di riduzione maschio BSP 60° - femmina BSP



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/8" BSP | A11500402 |
| 3/8" BSP | 1/8" BSP | A11500602 |
| 3/8" BSP | 1/4" BSP | A11500604 |
| 1/2" BSP | 1/4" BSP | A11500804 |
| 1/2" BSP | 3/8" BSP | A11500806 |
| 3/4" BSP | 3/8" BSP | A11501206 |
| 3/4" BSP | 1/2" BSP | A11501208 |
| 1" BSP | 1/2" BSP | A11501608 |
| 1" BSP | 3/4" BSP | A11501612 |
| 1"1/4 BSP | 3/4" BSP | A11502012 |
| 1"1/4 BSP | 1" BSP | A11502016 |
| 1"1/2 BSP | 1"1/4 BSP | A11502420 |
| 2" BSP | 1"1/4 BSP | A11503220 |
| 2" BSP | 1"1/2 BSP | A11503224 |

## Adaptador macho BSPT - hembra giratoria BSP (60°)

Adaptor BSPT male - BSP swivel female (60°)

Adapteur mâle BSPT - femelle tournante BSP (60°)

Adattatore maschio BSPT - femmina girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSPT | 1/4" BSP | A11710404 |
| 3/8" BSPT | 3/8" BSP | A11710606 |
| 1/2" BSPT | 1/2" BSP | A11710808 |
| 3/4" BSPT | 3/4" BSP | A11711212 |
| 1" BSPT | 1" BSP | A11711616 |

## Adaptador macho BSP (60°) - Hembra Fija NPT

Adaptor BSP male (60°) - NPT fixed female

Adapteur mâle BSP (60°) x femelle fixe NPT

Adattatore maschio BSP 60° - femmina fissa NPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" NPT | A107404 |
| 3/8" BSP | 3/8" NPT | A107406 |
| 1/2" BSP | 1/2" NPT | A107408 |
| 3/4" BSP | 3/4" NPT | A107412 |
| 1" BSP | 1" NPT | A107416 |

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Tapón hembra hexagonal rosca BSP

BSP fixed cap

Bouchon femelle gaz

Tappo femmina fissa BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | A107202 |
| 1/4" BSP | A107204 |
| 3/8" BSP | A107206 |
| 1/2" BSP | A107208 |
| 3/4" BSP | A107212 |
| 1" BSP | A107216 |
| 1"1/4 BSP | A107220 |
| 1"1/2 BSP | A107224 |
| 2" BSP | A107232 |

## Tapón macho hexagonal rosca BSP (60°)

BSP hexagonal male plug (60°)

Bouchon mâle BSP (60°)

Tappo maschio BSP 60° (testa esagonale)



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | A107002 |
| 1/4" BSP | A107004 |
| 1/4" BSP | A107004H19 |
| 3/8" BSP | A107006 |
| 1/2" BSP | A107008 |
| 5/8" BSP | A107010 |
| 3/4" BSP | A107012 |
| 1" BSP | A107016 |
| 1"1/4 BSP | A107020 |
| 1"1/2 BSP | A107024 |
| 2" BSP | A107032 |

## Tapón macho hexagonal rosca BSP macizo

BSP solid male cap

Bouchon mâle BSP plein

Tappo maschio BSP pieno (testa esagonale)



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | A107602 |
| 1/2" BSP | A107608 |
| 3/4" BSP | A107612 |
| 1" BSP | A107616 |
| 1"1/4 BSP | A107620 |
| 2" BSP | A107632 |

**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Tapón hembra giratoria BSP (60°)

BSP swivel female cap (60°)

Bouchon femelle tournante BSP (60°)

Tappo femmina girevole BSP (60°)



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | A107504 |
| 3/8" BSP | A107506 |
| 1/2" BSP | A107508 |
| 3/4" BSP | A107512 |
| 1" BSP | A107516 |
| 1"1/4 BSP | A107520 |
| 1"1/2 BSP | A107524 |
| 2" BSP | A107532 |

## Tapón macho hexagonal rosca Métrica

Metric hexagonal male plug

Bouchon mâle Métrique

Tappo maschio metrico (testa esagonale)



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M10x1 | A10731001 |
| M12x1.5 | A10731215 |
| M14x1.5 | A10731415 |
| M16x1.5 | A10731615 |
| M18x1.5 | A10731815 |
| M20x1.5 | A10732015 |
| M22x1,5 | A10732215 |

## Tapón Allen BSPT sin cabeza

BSPT blanking plug

Bouchon Allen BSPT

Tappo conico a brugola BSPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSPT | A107102 |
| 1/4" BSPT | A107104 |
| 3/8" BSPT | A107106 |
| 1/2" BSPT | A107108 |
| 3/4" BSPT | A107112 |
| 1" BSPT | A107116 |

TrAle®

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico



## Manguito roscado hembra BSP redondo soldable

Welding adaptor BSP female fixed-BSP female fixed

Manchon femelle à souder gaz x femelle gaz ronde

Manicotto a saldare femmina BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | **A131002** |
| 1/4" BSP | **A131004** |
| 3/8" BSP | **A131006** |
| 1/2" BSP | **A131008** |
| 3/4" BSP | **A131012** |
| 1" BSP | **A131016** |
| 1"1/4 BSP | **A131020** |
| 1"1/2 BSP | **A131024** |
| 2" BSP | **A131032** |

## Manguito roscado hembra BSP hexagonal

Hexagonal adaptor BSP fixed female-BSP fixed female

Manchon femelle gaz x femelle gaz hexagonal

Prolunga esagonale femmina-femmina BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | **S1031004** |
| 3/8" BSP | **S1031006** |
| 1/2" BSP | **S1031008** |
| 3/4" BSP | **S1031012** |
| 1" BSP | **S1031016** |
| 1"1/4 BSP | **S1031020** |
| 1"1/2 BSP | **S1031024** |

## Manguito reducción roscado hembra BSP hexagonal

Hexagonal reducer BSP fixed female-BSP fixed female

Reducteur femelle gaz x femelle gaz hexagonal

Prolunga esagonale di riduzione femmina-femmina BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 3/8" BSP | 1/4" BSP | **S10310604** |
| 1/2" BSP | 1/4" BSP | **S10310804** |
| 1/2" BSP | 3/8" BSP | **S10310806** |
| 3/4" BSP | 1/2" BSP | **S10311208** |
| 1" BSP | 3/4" BSP | **S10311612** |

## Pasatabiques sin tuerca BSP cono 60°

Straight bulkhead adaptor without nuts (60°)

Passe-cloison mâle BSP x mâle BSP sans équiper (60°)

Adattatore passaparete BSP 60° (senza controdado)



| ROSCA THREAD | | Referencia Part n° | € |
|---|---|---|---|
| 1/4" BSP | 1/4" BSP | **A116004** | **1,88** |
| 3/8" BSP | 3/8" BSP | **A116006** | **2,45** |
| 1/2" BSP | 1/2" BSP | **A116008** | **3,70** |
| 3/4" BSP | 3/4" BSP | **A116012** | **5,44** |
| 1" BSP | 1" BSP | **A116016** | **10,58** |
| 1"1/4 BSP | 1"1/4 BSP | **A116020** | **16,29** |
| 1"1/2 BSP | 1"1/2 BSP | **A116024** | **18,62** |

## Tuerca pasatabiques BSP

Counter nut for bulkhead screw-joints

Contre-écrou passe-cloison gaz

Controdado per passaparete BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | **A127202** |
| 1/4" BSP | **A127204** |
| 3/8" BSP | **A127206** |
| 1/2" BSP | **A127208** |
| 3/4" BSP | **A127212** |
| 1" BSP | **A127216** |
| 1" 1/4 BSP | **A127220** |
| 1" 1/2 BSP | **A127224** |

## Pasatabiques con tuerca BSP cono 60°

Straight bulkhead adaptor with nut (60°)

Passe-cloison mâle BSP x mâle BSP avec équiper (60°)

Adattatore passaparete BSP 60° (con controdado)



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | **A116204** |
| 3/8" BSP | 3/8" BSP | **A116206** |
| 1/2" BSP | 1/2" BSP | **A116208** |
| 3/4" BSP | 3/4" BSP | **A116212** |
| 1" BSP | 1" BSP | **A116216** |
| 1"1/4 BSP | 1"1/4 BSP | **A116220** |
| 1"1/2 BSP | 1"1/2 BSP | **A116224** |

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Tornillo orientable simple BSP

BSP Bolt for banjo

Vis creuse simple pour banjo filetage gaz

Bullone forato BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | A109002 |
| 1/4" BSP | A109004 |
| 3/8" BSP | A109006 |
| 1/2" BSP | A109008 |
| 5/8" BSP | A109010 |
| 3/4" BSP | A109012 |
| 1" BSP | A109016 |
| 1"1/4 BSP | A109020 |

## Tornillo orientable doble BSP

BSP Double bolt for banjo

Vis creuse double pour banjo filetage gaz

Bullone forato doppio BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | A109404 |
| 3/8" BSP | A109406 |
| 1/2" BSP | A109408 |
| 3/4" BSP | A109412 |
| 1" BSP | A109416 |

## Tornillo orientable prolongado BSP

BSP Extended bolt for banjo

Vis creuse simple prolongée pour banjo

Bullone forato prolungato BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | A109204 |
| 3/8" BSP | 3/8" BSP | A109206 |
| 1/2" BSP | 1/2" BSP | A109208 |
| 3/4" BSP | 3/4" BSP | A109212 |
| 1" BSP | 1" BSP | A109216 |

## Tornillo orientable reductor BSP

BSP Reducer bolt for banjo

Vis creuse simple reduite pour banjo x mâle BSP

Bullone forato di riduzione BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 3/8" BSP | A10930406 |
| 3/8" BSP | 1/2" BSP | A10930608 |
| 1/2" BSP | 3/4" BSP | A10930812 |
| 3/4" BSP | 1" BSP | A10931216 |

## Tornillo orientable simple rosca Métrica

Metric bolt for banjo

Vis creuse simple pour banjo filetage Métrique

Bullone forato Metrico



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M8x1 | | S109208 |
| M10x1 | | S109210 |
| M12x1 | NEW | S10921210 |
| M12x1.5 | | S109212 |
| M14x1.5 | | S109214 |
| M16x1.5 | | S109216 |
| M18x1.5 | | S109218 |
| M22x1.5 | | S109222 |
| M26x1.5 | | S109226 |
| M30x1.5 | | S109230 |

## Tornillo orientable doble rosca Métrica

Metric double bolt for banjo

Vis creuse double pour banjo filetage Métrique

Bullone forato doppio Metrico



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M8x1 | A10960801 |
| M10x1 | A10961001 |
| M12x1.5 | A10961215 |
| M14x1.5 | A10961415 |
| M18x1,5 | A10961815 |

## Esférico BSP - macho BSP (60°)

BSP Banjo-BSP male (60°)

Banjo passage gaz x mâle BSP (60°)

Adattatore ad occhio filettato BSP 60°



| ROSCA THREAD | ø | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" | A114002 |
| 1/4" BSP | 1/4" | A114004 |
| 3/8" BSP | 3/8" | A114006 |
| 1/2" BSP | 1/2" | A114008 |
| 3/4" BSP | 3/4" | A114012 |
| 1" BSP | 1" | A114016 |

## Esférico BSP con alargadera-macho BSP (60°)

BSP Banjo with extension-BSP male 60°

Banjo prolongé passage gaz x mâle BSP 60°

Adattatore ad occhio con prolunga maschio BSP 60°



| ROSCA THREAD | ø | Referencia Part n° |
|---|---|---|
| 3/8" BSP | 3/8" | A111206 |
| 1/2" BSP | 3/8" | A11120608 |
| 1/2" BSP | 1/2" | A111208 |

TrAle®

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

## Esférico BSP con alargadera-hembra giratoria BSP

BSP Banjo with extension-BSP swivel female

Banjo prolongé passage gaz femelle tournante

Adattatore ad occhio con prolunga femmina girevole



| ROSCA THREAD | ø | Referencia Part n° |
|---|---|---|
| 1/2" BSP | 1/2" | **A111108** |

## Esférico BSP con alargadera-hembra fija BSP

BSP Banjo with extension-BSP fixed female

Banjo prolongé passage gaz x femelle fixe BSP

Adattatore ad occhio con prolunga femmina fissa



| ROSCA THREAD | ø | Referencia Part n° |
|---|---|---|
| 3/8" BSP | 3/8" | **A111306** |
| 1/2" BSP | 1/2" | **A111308** |

## Empalme liso soldable rosca BSP (60°)

Welding union BSP male (60°)

Embout mâle lisse à souder gaz cyl BSP (60°)

Mezzo niples tondo a saldare BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | **A129002** |
| 1/4" BSP | **A129004** |
| 3/8" BSP | **A129006** |
| 1/2" BSP | **A129008** |
| 3/4" BSP | **A129012** |
| 1" BSP | **A129016** |
| 1"1/4 BSP | **A129020** |
| 1"1/2 BSP | **A129024** |
| 2" BSP | **A129032** |

## Racor macho BSP (60°) soldable exterior

Welding adaptor BSP male (60°) (external welding)

Mamelon BSP hexagone à souder extérieur bw (60°)

Maschio BSP 60° a saldare di testa



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | **A103002** |
| 1/4" BSP | **A103004** |
| 3/8" BSP | **A103006** |
| 1/2" BSP | **A103008** |
| 3/4" BSP | **A103012** |
| 1" BSP | **A103016** |
| 1"1/4 BSP | **A103020** |
| 1"1/2 BSP | **A103024** |
| 2" BSP | **A103032** |

## Racor macho BSP (60°) soldable interior

Welding adaptor BSP male (60°) (internal welding)

Mamelon BSP hexagone à souder intérieur sw (60°)

Maschio BSP 60° a saldare di tasca



| ROSCA THREAD | Referencia Part n° | € |
|---|---|---|
| 1/8" BSP | **A103102** | **1,65** |
| 1/4" BSP | **A103104** | **1,44** |
| 3/8" BSP | **A103106** | **1,55** |
| 1/2" BSP | **A103108** | **2,81** |
| 3/4" BSP | **A103112** | **4,32** |
| 1" BSP | **A103116** | **7,44** |
| 1"1/4 BSP | **A103120** | **17,37** |
| 1"1/2 BSP | **A103124** | **24,31** |
| 2" BSP | **A103132** | **29,42** |

## Esférico BSP soldable exterior

BSP Banjo external welding

Banjo passage gaz à souder extérieur (bw)

Raccordo a occhio BSP a saldare



| ROSCA THREAD | ø | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" | **A114102** |
| 1/4" BSP | 1/4" | **A114104** |
| 3/8" BSP | 3/8" | **A114106** |
| 1/2" BSP | 1/2" | **A114108** |
| 3/4" BSP | 3/4" | **A114112** |
| 1" BSP | 1" | **A114116** |

## Soldables para cilindros

Welding nipples for cylinders

Raccords à souder pour verins

Borchia a saldare femmina-femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | **A13110400000** |
| 3/8" BSP | **A13110600000** |
| 1/2" BSP | **A13110800000** |
| 3/4" BSP | **A13111200000** |

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Codo 90° macho-hembra giratoria BSP (60°)

90° Elbow BSP swivel female-male

Adapteur coude 90° mâle BSP x femelle tournante BSP (60°)

Curva 90° maschio-femmina girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | **A119404** |
| 3/8" BSP | 3/8" BSP | **A119406** |
| 1/2" BSP | 1/2" BSP | **A119408** |
| 3/4" BSP | 3/4" BSP | **A119412** |
| 1" BSP | 1" BSP | **A119416** |
| 1"1/4 BSP | 1"1/4 BSP | **A119420** |
| 1"1/2 BSP | 1"1/2 BSP | **A119424** |
| 2" BSP | 2" BSP | **A119432** |

## Codo 90° hembra giratoria-hembra giratoria BSP (60°)

90° Elbow BSP swivel female-BSP swivel female

Adapteur coude 90° femelle tournante BSP x femelle tournante BSP (60°)

Curva 90° femmina-femmina girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | **A119604** |
| 3/8" BSP | 3/8" BSP | **A119606** |
| 1/2" BSP | 1/2" BSP | **A119608** |
| 3/4" BSP | 3/4" BSP | **A119612** |
| 1" BSP | 1" BSP | **A119616** |
| 1" 1/4 BSP | 1" 1/4 BSP | **A119620** |
| 1" 1/2 BSP | 1" 1/2 BSP | **A119624** |
| 2" BSP | 2" BSP | **A119632** |

## Codo 45° macho-hembra giratoria BSP (60°)

45° Elbow BSP swivel female-male

Adapteur coude 45° mâle BSP x femelle tournante BSP (60°)

Curva 45° maschio-femmina girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | **A119504** |
| 3/8" BSP | 3/8" BSP | **A119506** |
| 1/2" BSP | 1/2" BSP | **A119508** |
| 3/4" BSP | 3/4" BSP | **A119512** |
| 1" BSP | 1" BSP | **A119516** |
| 1" 1/4 BSP | 1" 1/4 BSP | **A119520** |
| 1" 1/2 BSP | 1" 1/2 BSP | **A119524** |
| 2" BSP | 2" BSP | **A119532** |

TrAle®

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

## Codo 90° macho-macho BSP (60°) forja

90° Elbow BSP male (60°)-BSP male (60°) forge

Adapteur coude 90° mâle BSP x mâle BSP (60°) forge

Adattatore stampato 90° maschio BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | S119002 |
| 1/4" BSP | 1/4" BSP | S119004 |
| 3/8" BSP | 3/8" BSP | S119006 |
| 1/2" BSP | 1/2" BSP | S119008 |
| 3/4" BSP | 3/4" BSP | S119012 |
| 1" BSP | 1" BSP | S119016 |
| 1"1/4 BSP | 1"1/4 BSP | S119020 |
| 1" 1/2 BSP | 1" 1/2 BSP | S119024 |
| 2" BSP | 2" BSP | S119032 |

## Codo 90° macho BSP (60°) -macho BSPT forja

90° Elbow BSP male (60°)-BSPT male forge

Adapteur coude 90° mâle BSP x mâle gaz conique (BSPT) (60°) forge

Adattatore stampato 90° maschio BSP 60° - maschio BSPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSPT | S119202 |
| 1/4" BSP | 1/4" BSPT | S119204 |
| 3/8" BSP | 3/8" BSPT | S119206 |
| 1/2" BSP | 1/2" BSPT | S119208 |
| 3/4" BSP | 3/4" BSPT | S119212 |
| 1" BSP | 1" BSPT | S119216 |
| 1" 1/4 BSP | 1" 1/4 BSPT | S119220 |
| 1" 1/2 BSP | 1" 1/2 BSPT | S119224 |
| 2" BSP | 2" BSPT | S119232 |

## Codo 90° macho-macho BSPT forja

90° Elbow BSPT male-BSPT male forge

Adapteur coude 90° mâle gaz conique (BSPT) x mâle gaz conique (BSPT) forge

Adattatore stampato 90° maschio BSPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSPT | 1/4" BSPT | S119504 |
| 3/8" BSPT | 3/8" BSPT | S119506 |
| 1/2" BSPT | 1/2" BSPT | S119508 |
| 3/4" BSPT | 3/4" BSPT | S119512 |
| 1" BSPT | 1" BSPT | S119516 |

## Codo 90° Macho BSP (60°) - Macho NPT (60°)

90° Elbow BSP adaptor male (60°) - NPT male (60°)

Adapteur coude 90° mâle BSP (60°) x mâle NPT (60°)

Adattatore stampato 90° maschio BSP 60° - maschio NPT 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" NPT | S11880404 |
| 3/8" BSP | 3/8" NPT | S11880606 |
| 1/2" BSP | 1/2" NPT | S11880808 |
| 3/4" BSP | 3/4" NPT | S11881212 |
| 1" BSP | 1" NPT | S11881616 |

## Codo 90° macho-macho Métrico (60°) forja

90° Elbow Metric adaptor male-male (60°) forge

Adapteur coude 90° mâle Métrique x mâle Métrique (60°) forge

Adattatore stampato 90° maschio metrico



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M12x1.5 | M12x1.5 | S86012 |
| M16x1.5 | M16x1.5 | S86016 |
| M22x1.5 | M22x1.5 | S86022 |

## Codo 90° macho BSPT-hembra fija BSP forja

90° Elbow BSPT male-BSP fixed female forge

Adapteur coude 90° mâle gaz conique (BSPT) x femelle gaz conique (BSP) forge

Adattatore stampato 90° maschio BSPT - femm. fissa BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSPT | 1/8" BSP | S119402 |
| 1/4" BSPT | 1/4" BSP | S119404 |
| 3/8" BSPT | 3/8" BSP | S119406 |
| 1/2" BSPT | 1/2" BSP | S119408 |
| 3/4" BSPT | 3/4" BSP | S119412 |
| 1" BSPT | 1" BSP | S119416 |
| 1" 1/4 BSPT | 1" 1/4 BSP | S119420 |
| 1" 1/2 BSPT | 1" 1/2 BSP | S119424 |
| 2" BSPT | 2" BSP | S119432 |

## Codo 90° macho-hembra giratoria BSP (60°) forja

90° Elbow BSP male-BSP swivel female forge

Adapteur coude 90° mâle BSP x femelle tournante BSP (60°) forge

Adattatore stampato 90° maschio-femm. girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | S119302 |
| 1/4" BSP | 1/4" BSP | S119304 |
| 3/8" BSP | 3/8" BSP | S119306 |
| 1/2" BSP | 1/2" BSP | S119308 |
| 3/4" BSP | 3/4" BSP | S119312 |
| 1" BSP | 1" BSP | S119316 |
| 1"1/4 BSP | 1"1/4 BSP | S119320 |
| 1"1/2 BSP | 1"1/2 BSP | S119324 |
| 2" BSP | 2" BSP | S119332 |

## Codo 90° macho BSPT-hembra giratoria BSP (60°) forja

90° Elbow BSPT male-BSP swivel female (60°) forge

Adapteur coude 90° mâle gaz conique (BSPT) x femelle tournante BSP (60°) forge

Adattatore stampato 90° maschio BSPT - femm. girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSPT | 1/4" BSP | S119904 |
| 3/8" BSPT | 3/8" BSP | S119906 |
| 1/2" BSPT | 1/2" BSP | S119908 |
| 3/4" BSPT | 3/4" BSP | S119912 |
| 1" BSPT | 1" BSP | S119916 |

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Codo 90° hembra giratoria-hembra giratoria BSP (60°) forja

90° Elbow BSP swivel female-BSP swivel female forge

Adapteur coude 90° femelle tournante BSP x femelle tournante BSP (60°) forge

Adattatore stampato 90° femmina girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | S118302 |
| 1/4" BSP | 1/4" BSP | S118304 |
| 3/8" BSP | 3/8" BSP | S118306 |
| 1/2" BSP | 1/2" BSP | S118308 |
| 3/4" BSP | 3/4" BSP | S118312 |
| 1" BSP | 1" BSP | S118316 |
| 1"1/4 BSP | 1"1/4 BSP | S118320 |
| 1"1/2 BSP | 1"1/2 BSP | S118324 |

## Codo 90° orientable macho-hembra giratoria BSP (60°) forja

90° Elbow male adjustable BSP-swivel female BSP forge

Adapteur coude 90° orientable mâle-femelle tournante (60°)

Adattatore stampato 90° maschio orientabile BSP - femm. girevole BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | S119104 |
| 3/8" BSP | 3/8" BSP | S119106 |
| 1/2" BSP | 1/2" BSP | S119108 |
| 3/4" BSP | 3/4" BSP | S119112 |
| 1" BSP | 1" BSP | S119116 |

## Codo 45° macho-hembra giratoria forja BSP 60° forja

45° Elbow BSP male-BSP swivel female forge

Adapteur coude 45° mâle-femelle tournante BSP forge

Adattatore stampato 45° maschio-femm. girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | S118502 |
| 1/4" BSP | 1/4" BSP | S118504 |
| 3/8" BSP | 3/8" BSP | S118506 |
| 1/2" BSP | 1/2" BSP | S118508 |
| 3/4" BSP | 3/4" BSP | S118512 |
| 1" BSP | 1" BSP | S118516 |
| 1"1/4 BSP | 1"1/4 BSP | S118520 |
| 1"1/2 BSP | 1"1/2 BSP | S118524 |

## Codo 90° hembra fija-hembra fija BSP forja

90° Elbow BSP fixed female-BSP fixed female forge

Adapteur coude 90° femelle fixe gaz cyl forge

Adattatore stampato 90° femmina fissa BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | S119602 |
| 1/4" BSP | 1/4" BSP | S119604 |
| 3/8" BSP | 3/8" BSP | S119606 |
| 1/2" BSP | 1/2" BSP | S119608 |
| 3/4" BSP | 3/4" BSP | S119612 |
| 1" BSP | 1" BSP | S119616 |
| 1"1/4 BSP | 1"1/4 BSP | S119620 |
| 1" 1/2 BSP | 1" 1/2 BSP | S119624 |
| 2" BSP | 2" BSP | S119632 |

## Codo 90° macho BSP (60°) -macho BSP regulable forja

90° Elbow BSP male-BSP male adjustable forge

Adapteur coude 90° mâle BSP x mâle gaz cyl orientable or + bae en forge

Adattatore stampato 90° maschio BSP 60° - maschio orientabile BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | S11970202 |
| 1/4" BSP | 1/4" BSP | S11970404 |
| 3/8" BSP | 1/4" BSP | S11970604 |
| 3/8" BSP | 3/8" BSP | S11970606 |
| 1/2" BSP | 3/8" BSP | S11970806 |
| 1/2" BSP | 1/2" BSP | S11970808 |
| 3/4" BSP | 1/2" BSP | S11971208 |
| 3/4" BSP | 3/4" BSP | S11971212 |
| 1" BSP | 3/4" BSP | S11971612 |
| 1" BSP | 1" BSP | S11971616 |
| 1"1/4 BSP | 1"1/4 BSP | S11972020 |
| 1" 1/2 BSP | 1" 1/2 BSP | S11972424 |
| 2" BSP | 2" BSP | S11973232 |

## Codo 90° Pasatabique Macho BSP (60°) - Macho BSP (60°)

90° Elbow bulkhead BSP adaptor male-male (60°)

Adapteur coude 90° passe cloison mâle BSP (60°) x mâle BSP (60°)

Adattatore stampato 90° passaparete BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | S11860404 |
| 3/8" BSP | 3/8" BSP | S11860606 |
| 1/2" BSP | 1/2" BSP | S11860808 |
| 3/4" BSP | 3/4" BSP | S11861212 |
| 1" BSP | 1" BSP | S11861616 |

TrAle®

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico



## Codo 45° macho BSP (60°) -macho BSP regulable forja

45° Elbow BSP male (60°) -BSP male adjustable forge

Adapteur coude 45° mâle BSP (60°) x mâle gaz cyl orientable or + bae en forge

Adattatore stampato 45° maschio BSP 60° - maschio orientabile BSP



| ROSCA (M) THREAD (M) | ROSCA (MR) THREAD (MR) | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/8" BSP | **S11980202** |
| 1/4" BSP | 1/4" BSP | **S11980404** |
| 3/8" BSP | 3/8" BSP | **S11980606** |
| 1/2" BSP | 1/2" BSP | **S11980808** |
| 3/4" BSP | 3/4" BSP | **S11981212** |
| 1" BSP | 1" BSP | **S11981616** |
| 1" 1/4 BSP | 1" 1/4 BSP | **S11982020** |

## Codo 45° Macho BSP (60°) - Macho NPT (60°)

45° Elbow BSP adaptor male (60°) - NPT male (60°)

Adapteur coude 45° mâle BSP (60°) x mâle NPT (60°)

Adattatore stampato 45° maschio BSP 60° - maschio NPT 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" NPT | **S11810404** |
| 3/8" BSP | 3/8" NPT | **S11810606** |
| 1/2" BSP | 1/2" NPT | **S11810808** |
| 3/4" BSP | 3/4" NPT | **S11811212** |
| 1" BSP | 1" NPT | **S11811616** |

## Codo 45° Macho BSP (60°) - Macho BSPT

45° Elbow BSP adaptor male (60°) - BSPT male

Adapteur coude 45° mâle BSP (60°) x mâle BSPT

Adattatore stampato 45° maschio BSP 60° - maschio BSPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSPT | **S11870404** |
| 3/8" BSP | 3/8" BSPT | **S11870606** |
| 1/2" BSP | 1/2" BSPT | **S11870808** |
| 3/4" BSP | 3/4" BSPT | **S11871212** |
| 1" BSP | 1" BSPT | **S11871616** |

## Codo 45° Regulable Macho BSP - H.G. BSP (60°)

45° Adjustable BSP elbow adaptor male - BSP female (60°)

Adapteur coude 45° régulable mâle BSP x femelle tournante BSP (60°)

Adattatore stampato 45° maschio orientabile BSP - femm. girevole BSP 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | **S11820404** |
| 3/8" BSP | 3/8" BSP | **S11820606** |
| 1/2" BSP | 1/2" BSP | **S11820808** |
| 3/4" BSP | 3/4" BSP | **S11821212** |
| 1" BSP | 1" BSP | **S11821616** |

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Te macho-macho-macho BSP forja

Tee BSP Male (60°) forge

Adapteur Té mâle BSP-mâle BSP-mâle BSP (60°) forge

Adattatore stampato T maschio BSP 60°



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/8" BSP | 1/8" BSP | 1/8" BSP | **S122002** |
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **S122004** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **S122006** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **S122008** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **S122012** |
| 1" BSP | 1" BSP | 1" BSP | **S122016** |
| 1"1/4 BSP | 1"1/4 BSP | 1"1/4 BSP | **S122020** |
| 1"1/2 BSP | 1"1/2 BSP | 1"1/2 BSP | **S122024** |
| 2" BSP | 2" BSP | 2" BSP | **S122032** |

## Te macho-hembra giratoria-macho BSP (60°) forja

Brunch tee BSP Male-swivel female-male (60°) forge

Adapteur Té mâle BSP-femelle tournante BSP-mâle BSP (60°) forge

Adattatore stampato T maschio - femm. girevole centrale BSP 60°



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/8" BSP | 1/8" BSP | 1/8" BSP | **S122402** |
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **S122404** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **S122406** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **S122408** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **S122412** |
| 1" BSP | 1" BSP | 1" BSP | **S122416** |
| 1"1/4 BSP | 1"1/4 BSP | 1"1/4 BSP | **S122420** |
| 1" 1/2 BSP | 1" 1/2 BSP | 1" 1/2 BSP | **S122424** |
| 2" BSP | 2" BSP | 2" BSP | **S122432** |

## Te hembras giratorias BSP (60°) forja

Tee BSP Swivel female (60°) forge

Adapteur Té femelle tournante BSP (60°) forge

Adattatore stampato T femmina girevole BSP 60°



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/8" BSP | 1/8" BSP | 1/8" BSP | **S122502** |
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **S122504** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **S122506** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **S122508** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **S122512** |
| 1" BSP | 1" BSP | 1" BSP | **S122516** |
| 1" 1/4 BSP | 1" 1/4 BSP | 1" 1/4 BSP | **S122520** |

## Te macho-macho-hembra giratoria BSP (60°) forja

Barrel tee BSP Male-male-swivel female (60°) forge

Adapteur Té mâle BSP-mâle BSP-femelle tournante BSP (60°) forge

Adattatore stampato T maschio - femm. girevole laterale BSP 60°



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/8" BSP | 1/8" BSP | 1/8" BSP | **S122302** |
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **S122304** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **S122306** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **S122308** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **S122312** |
| 1" BSP | 1" BSP | 1" BSP | **S122316** |
| 1"1/4 BSP | 1"1/4 BSP | 1"1/4 BSP | **S122320** |
| 1" 1/2 BSP | 1" 1/2 BSP | 1" 1/2 BSP | **S122324** |
| 2" BSP | 2" BSP | 2" BSP | **S122332** |

## Te macho-macho-macho Métrica (60°) forja

Tee Metric male (60°) forge

Adapteur Té égal mâle-mâle-mâle Métrique (60°) forge

Adattatore stampato T maschio metrico



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| M16x1.5 | M16x1.5 | M16x1.5 | **S86516** |
| M18x1.5 | M18x1.5 | M18x1.5 | **S86518** |
| M20x1.5 | M20x1.5 | M20x1.5 | **S86520** |
| M22x1.5 | M22x1.5 | M22x1.5 | **S86522** |
| M26x1.5 | M26x1.5 | M26x1.5 | **S86526** |
| M30x1.5 | M30x1.5 | M30x1.5 | **S86530** |

## Te hembras fijas BSP forja

Tee BSP fixed female forge

Adapteur Té femelle fixe gaz (BSP) forge

Adattatore stampato T femmina fissa BSP



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/8" BSP | 1/8" BSP | 1/8" BSP | **S122602** |
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **S122604** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **S122606** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **S122608** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **S122612** |
| 1" BSP | 1" BSP | 1" BSP | **S122616** |
| 1"1/4 BSP | 1"1/4 BSP | 1"1/4 BSP | **S122620** |
| 1" 1/2 BSP | 1" 1/2 BSP | 1" 1/2 BSP | **S122624** |
| 2" BSP | 2" BSP | 2" BSP | **S122632** |

TrAle®

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico



## Te macho-macho-macho regulable BSP forja

Barrel tee BSP male-male-male adjustable forge

Adapteur Té égal mâle (60°)-mâle (60°)-mâle orientable BSP forge

Adattatore stampato T maschio - maschio orientabile laterale BSP



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **S12290404** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **S12290606** |
| 1/2" BSP | 1/2" BSP | 3/8" BSP | **S12290806** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **S12290808** |
| 3/4" BSP | 3/4" BSP | 1/2" BSP | **S12291208** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **S12291212** |
| 1" BSP | 1" BSP | 3/4" BSP | **S12291612** |
| 1" BSP | 1" BSP | 1" BSP | **S12291616** |
| 1"1/4 BSP | 1"1/4 BSP | 1"1/4 BSP | **S12292020** |

## Te macho-macho regulable-macho BSP forja

Brunch tee BSP male-male adjustable-male forge

Adapteur Té égal mâle (60°)-mâle orientable-mâle (60°) BSP forge

Adattatore stampato T maschio - maschio orientabile centrale BSP



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **S12280404** |
| 3/8" BSP | 1/4" BSP | 3/8" BSP | **S12280604** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **S12280606** |
| 1/2" BSP | 3/8" BSP | 1/2" BSP | **S12280806** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **S12280808** |
| 3/4" BSP | 1/2" BSP | 3/4" BSP | **S12281208** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **S12281212** |
| 1" BSP | 3/4" BSP | 1" BSP | **S12281612** |
| 1" BSP | 1" BSP | 1" BSP | **S12281616** |
| 1"1/4 BSP | 1" BSP | 1"1/4 BSP | **S12282016** |
| 1"1/4 BSP | 1"1/4 BSP | 1"1/4 BSP | **S12282020** |

## Cruz hembra fija BSP forja

Cross fixed female BSP forge

Cross BSP femelle fixe forge

Adattatore stampato a croce femmina fissa BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" BSP | **S122702** |
| 1/4" BSP | **S122704** |
| 3/8" BSP | **S122706** |
| 1/2" BSP | **S122708** |
| 3/4" BSP | **S122712** |
| 1" BSP | **S122716** |

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

TrAle®

## Codo cuadrado 90° reductor macho-macho BSP (60°)

90° reducer elbow male-male BSP (60°) (square)

Adapteur carré coude 90° reducteur mâle BSP - mâle BSP (60°) en bloque

Adattatore a 90° maschio-maschio quadrato BSP (60°)



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 1/4" BSP | **A11920204** |
| 1/4" BSP | 3/8" BSP | **A11920406** |
| 3/8" BSP | 1/2" BSP | **A11920608** |
| 1/2" BSP | 3/4" BSP | **A11920812** |
| 3/4" BSP | 1" BSP | **A11921216** |

## Codo cuadrado 90° macho BSP

90° Elbow BSP male (square)

Adapteur carré Coude 90° mâle BSP

Adattatore a 90° maschio-maschio BSP (60°)



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | **A21900400** |
| 3/8" BSP | 3/8" BSP | **A21900600** |
| 1/2" BSP | 1/2" BSP | **A21900800** |
| 3/4"BSP | 3/4" BSP | **A21901200** |
| 1" BSP | 1" BSP | **A21901600** |

## Codo cuadrado 90° macho-hembra giratoria

90° Elbow BSP male-BSP swivel female (square)

Adapteur carré Coude 90° mâle BSP - femelle BSP

Adattatore a 90° maschio-femmina girevole quadrato BSP (60°)



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" BSP | 1/4" BSP | **A21930400** |
| 3/8" BSP | 3/8" BSP | **A21930600** |
| 1/2" BSP | 1/2" BSP | **A21930800** |
| 3/4" BSP | 3/4" BSP | **A21931200** |
| 1" BSP | 1" BSP | **A21931600** |

## Te cuadrado macho-macho-macho

Tee BSP male (square)

Adapteur carré Té mâle BSP-mâle BSP-mâle BSP

Adattatore a T maschio quadrato BSP 60°



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **A22200400** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **A22200600** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **A22200800** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **A22201200** |
| 1" BSP | 1" BSP | 1" BSP | **A22201600** |

## Te cuadrado macho-hembra giratoria-macho

Branch tee BSP male-swivel female-male (square)

Adapteur carré Té mâle BSP-femelle tournante BSP-mâle BSP

Adattatore a T maschio-femmina girevole-maschio quadrato BSP (60°)



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **A22240400** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **A22240600** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **A22240800** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **A22241200** |
| 1" BSP | 1" BSP | 1" BSP | **A22241600** |

## Te cuadrado macho-macho-hembra giratoria

Barrel tee BSP male-male-swivel female (square)

Adapteur carré Té mâle BSP-mâle BSP-femelle tournante BSP

Adattatore a T maschio-maschio-femmina girevole quadrato BSP



| ROSCA THREAD | | | Referencia Part n° |
|---|---|---|---|
| 1/4" BSP | 1/4" BSP | 1/4" BSP | **A22220400** |
| 3/8" BSP | 3/8" BSP | 3/8" BSP | **A22220600** |
| 1/2" BSP | 1/2" BSP | 1/2" BSP | **A22220800** |
| 3/4" BSP | 3/4" BSP | 3/4" BSP | **A22221200** |
| 1" BSP | 1" BSP | 1" BSP | **A22221600** |

## Cruz cuadrada macho BSP

Cross BSP male (square)

Adapteur carré Croix égale mâle BSP

Croce maschio BSP 60°



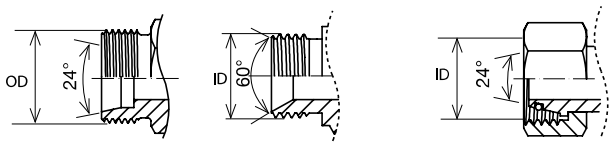
| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | **A22230400** |
| 3/8" BSP | **A22230600** |
| 1/2" BSP | **A22230800** |
| 3/4" BSP | **A22231200** |
| 1" BSP | **A22231600** |

TrAle®

# TABLA DE ROSCAS

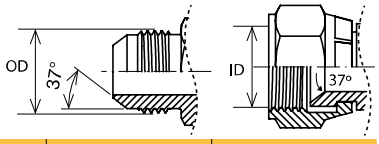
Thread data table

## METRICA



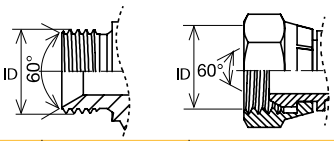

| Métrica *Metrical* | Cono 24º *24° cone* | Cono 60º *60° cone* | Male thread OD | Female thread ID |
|---|---|---|---|---|
| 12 x 1,5 | * | * | 12 | 10,5 |
| 14 x 1,5 | * | * | 14 | 12,5 |
| 16, x 1,5 | * | * | 16 | 14,5 |
| 18 x 1,5 | * | * | 18 | 16,5 |
| 20 x 1,5 | * | | 20 | 18,5 |
| 22 x 1,5 | * | * | 22 | 20,5 |
| 24 x 1,5 | * | | 24 | 22,5 |
| 26 x 1,5 | * | * | 26 | 24,5 |
| 30 x 1,5 | | * | 30 | 28,5 |
| 30 x 2 | * | | 30 | 28,00 |
| 36 x 2 | * | | 36 | 34,00 |
| 38 x 1,5 | | * | 38 | 36,5 |
| 42 x 2 | * | | 42 | 40,00 |
| 45 x 1,5 | | * | 45 | 43,5 |
| 45 x 2 | * | | 45 | 43 |
| 52 x 1,5 | | * | 52 | 50,5 |
| 52 x 2 | * | | 52 | 50 |
| 65 x 2 | | * | 65 | 63 |
| 78 x 2 | | * | 78 | 76 |

## JIC



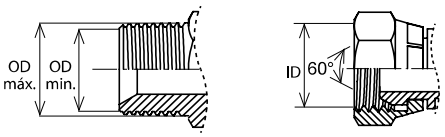

| SAE | Male thread OD | Female thread ID |
|---|---|---|
| 7/16-20 | 11,07 | 10,00 |
| 1/2-20 | 12,70 | 11,60 |
| 9/16-18 | 14,25 | 13,00 |
| 5/8-18 | 15,85 | 14,70 |
| 3/4-16 | 19,00 | 17,60 |
| 7/8-14 | 22,17 | 20,50 |
| 1 1/16-12 | 26,95 | 25,00 |
| 1 1/16-14 | 26,95 | 25,30 |
| 1 5/16-12 | 33,30 | 31,30 |
| 1 5/16-14 | 33,30 | 31,60 |
| 1 5/8-12 | 41,42 | 39,20 |
| 1 5/8-14 | 41,22 | 39,50 |
| 1 7/8-12 | 47,57 | 45,60 |
| 1 7/8-14 | 47,57 | 45,90 |
| 2 1/2-12 | 63,45 | 61,50 |
| 3-12 | 76,20 | 74,30 |

## BSP



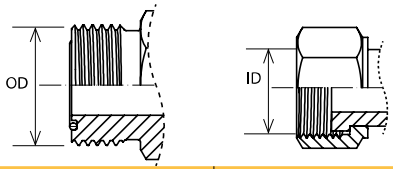

| BSP | Male thread OD | Female thread iD |
|---|---|---|
| 1/4-19 | 13,16 | 11,50 |
| 3/8-19 | 16,66 | 14,90 |
| 1/2-14 | 20,96 | 18,60 |
| 5/8-14 | 22,91 | 20,60 |
| 3/4-14 | 26,44 | 24,10 |
| 1-11 | 33,25 | 30,30 |
| 1 1/4-11 | 41,91 | 38,90 |
| 1 1/2-11 | 47,80 | 44,90 |
| 2-11 | 59,62 | 56,70 |

## NPT-BSPT-NPSM



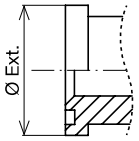

| NPT cónicas *Conical NPT* | Male thread máx. OD | Male thread min. OD | Female thread iD | BSPT cónicos *Conical BSPT* | Male thread máx. OD | Male thread min OD |
|---|---|---|---|---|---|---|
| 1/8-27 | 10,59 | 9,98 | 8,6 | 1/8-28 | 10,20 | 9,48 |
| 1/4-18 | 14,12 | 13,28 | 11,9 | 1/4-19 | 13,90 | 12,85 |
| 3/8-18 | 17,55 | 16,71 | 15,0 | 3/8-19 | 17,31 | 16,26 |
| 1/2-14 | 21,84 | 21,08 | 19,1 | 1/2-14 | 21,89 | 20,55 |
| 3/4-14 | 27,17 | 26,13 | 24,6 | 3/4-14 | 27,30 | 25,84 |
| 1-11,5 | 33,96 | 32,74 | 30,5 | 1-11 | 34,41 | 32,65 |
| 1 1/4-11,5 | 42,72 | 41,47 | 39,4 | 1 1/4-11 | 42,91 | 41,11 |
| 1 1/2-11,5 | 48,81 | 47,54 | 45,5 | 1 1/2-11 | 48,83 | 47,08 |
| 2-11,5 | 60,88 | 59,56 | 57,4 | 2-11 | 60,94 | 58,62 |

## ORFS




| ORFS | Male thread OD | Female thread iD |
|---|---|---|
| 9/16" 18h | 14,25 | 13,0 |
| 11/16" 16h | 17,40 | 15,4 |
| 13/16" 16h | 20,05 | 18,6 |
| 1" 14h | 25,30 | 23,1 |
| 1" 3/16 12h | 30,10 | 27,5 |
| 1" 7/16 12h | 36,40 | 33,8 |
| 1" 11/16 12h | 42,80 | 40,2 |
| 2" 12h | 50,70 | 48,1 |

## BRIDAS




| Brida SAE | Ø ext. 3000 PSI | Ø ext. 6000 PSI |
|---|---|---|
| 1/2" | 30,2 | 31,8 |
| 3/4" | 38,1 | 41,3 |
| 1" | 44,5 | 47,6 |
| 1" 1/4 | 50,8 | 54,0 |
| 1" 1/2 | 60,3 | 63,5 |
| 2" | 71,4 | 79,4 |

* **9000 PSI flanges have the same Ø as 6000 PSI, but with thickness deck 14,3** / *Las bridas 9000 PSI son iguales en Ø a las 6000 PSI, pero con espesor de pletina 14,3* / Die Flansche 9000 PSI sind im Ø gleich denen von 6000 PSI, aber mit der Plattendicke 14,3./ *Les brides 9000 PSI son égales en Ø aux brides 6000 PSI, mais l'épaisseur est de 14,3 mm.*

# Adaptadores BSP , BSPT y Métricos

Metric, BSP and BSPT Adaptors
Adapteurs BSP, BSPT et Métrique
Adattatori BSP , BSPT e Metrico

## Juntas Metal Buna BSP Autocentrantes

BSP Bonded Seal

Bague BS BSPz

Rondella Bonded BSP autocentrante (acciaio-NBR)



| ROSCA THREAD | u/Bolsa u/Bag | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 100 | **T21002** |
| 1/4" BSP | 100 | **T21004** |
| 3/8" BSP | 100 | **T21006** |
| 1/2" BSP | 100 | **T21008** |
| 5/8" BSP | 100 | **T21010** |
| 3/4" BSP | 100 | **T21012** |
| 1" BSP | 50 | **T21016** |
| 1"1/4 BSP | 25 | **T21020** |
| 1"1/2 BSP | 25 | **T21024** |
| 2" BSP | 25 | **T21032** |
| 2" 1/2 BSP | 25 | **T21040** |

**Se venden en bolsas, precios por unidad** / *Sold in bags, prices per unit* / Vendu dans des sacs, p / *Venduti in sacchetti, prezzo per unità*

## Juntas Metal Buna Métricas Autocentrantes

Metric Bonded Seal Sel-Centering

Bague BS Métrique

Rondella Bonded metrica autocentrante (acciaio-NBR)



| ROSCA THREAD | u/Bolsa u/Bag | Referencia Part n° |
|---|---|---|
| M6X1 | 100 | **T32006** |
| M8x1 | 100 | **T32008** |
| M10x1 | 100 | **T32010** |
| M12x1.5 | 100 | **T32012** |
| M14x1.5 | 100 | **T32014** |
| M16x1.5 | 100 | **T32016** |
| M18x1.5 | 100 | **T32018** |
| M20x1.5 | 100 | **T32020** |
| M22x1.5 | 100 | **T32022** |
| M24x1.5 | 100 | **T32024** |
| M26x1.5 | 100 | **T32026** |
| M27X1,5 | 100 | **T32027** |
| M30x2 | 50 | **T32030** |
| M36x2 | 25 | **T32036** |
| M42x2 | 25 | **T32042** |
| M48X2 | 25 | **T32048** |

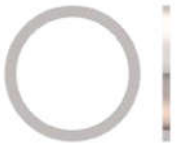
**Se venden en bolsas, precios por unidad.** / *Sold in bags, prices per unit* / Vendu dans des sacs, / *Venduti in sacchetti, prezzo per unità*

## Arandelas Aluminio BSP

BSP Aluminium Collar Plate

Rondelle BSP Aluminium

Rondella in Alluminio BSP



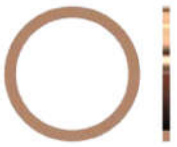
| ROSCA THREAD | Ø INT. Ø INNER | Ø EXT. Ø OUTER | Referencia Part n° |
|---|---|---|---|
| 1/8" | 10 | 14 | **A133202** |
| 1/4" | 13 | 19 | **A133204** |
| 3/8" | 17 | 22 | **A133206** |
| 1/2" | 21 | 27 | **A133208** |
| 3/4" | 27 | 33 | **A133212** |
| 1" | 33 | 41 | **A133216** |
| 1"1/4 | 42 | 50 | **A133220** |

## Arandelas plana Cobre recocido BSP

BSP Annealed Copper flat Plate

Rondelle plane BSP Cuivre recuit

Rondella in Rame BSP



| ROSCA THREAD | Ø INT. Ø INNER | Ø EXT. Ø OUTER | Referencia Part n° |
|---|---|---|---|
| 1/8" | 10 | 14 | **A133002** |
| 1/4" | 13,5 | 19 | **A133004** |
| 3/8" | 17 | 23 | **A133006** |
| 1/2" | 21,5 | 27 | **A133008** |
| 3/4" | 27 | 33 | **A133012** |
| 1" | 33 | 41 | **A133016** |
| 1"1/4 | 42 | 50 | **A133020** |
| 1"1/2 | 48 | 55 | **A133024** |
| 2" | 60 | 68 | **A133032** |

## Arandelas plana Acero BSP

BSP Steel flat Plate

Bague plate Acier BSP

Rondelle in Acciaio BSP



| ROSCA THREAD | Ø INT. Ø INNER | Ø EXT. Ø OUTER | Referencia Part n° |
|---|---|---|---|
| 1/8" | 12.2 | 15 | **A13330200000** |
| 1/4" | 16.15 | 19.5 | **A13330400000** |
| 3/8" | 19.5 | 23.5 | **A13330600000** |
| 1/2" | 23.3 | 28.5 | **A13330800000** |
| 3/4" | 28.6 | 34.5 | **A13331200000** |
| 1" | 36.6 | 43.5 | **A13331600000** |
| 1"1/4 | 44.9 | 52.5 | **A13332000000** |

TrAle®

# Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

## Adaptor macho - macho NPT

Adaptor male NPT - male NPT

Adapteur mâle NPT - mâle NPT

Adattatore maschio-maschio NPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" NPT | 1/8" NPT | A10150202 |
| 1/4" NPT | 1/4" NPT | A10150404 |
| 3/8" NPT | 3/8" NPT | A10150606 |
| 1/2" NPT | 1/2" NPT | A10150808 |
| 3/4" NPT | 3/4" NPT | A10151212 |
| 1" NPT | 1" NPT | A10151616 |
| 1" 1/4 NPT | 1" 1/4 NPT | A10152020 |
| 1" 1/2 NPT | 1" 1/2 NPT | A10152424 |
| 2" NPT | 2" NPT | A10153232 |

## Reductor macho - macho NPT

Reducer male NPT - male NPT

Réducteur mâle NPT- mâle NPT

Riduzione maschio-maschio NPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" NPT | 1/8" NPT | A10150402 |
| 3/8" NPT | 1/8" NPT | A10150602 |
| 3/8" NPT | 1/4" NPT | A10150604 |
| 1/2" NPT | 1/4" NPT | A10150804 |
| 1/2" NPT | 3/8" NPT | A10150806 |
| 3/4" NPT | 1/4" NPT | A10151204 |
| 3/4" NPT | 3/8" NPT | A10151206 |
| 3/4" NPT | 1/2" NPT | A10151208 |
| 1" NPT | 1/2" NPT | A10151608 |
| 1" NPT | 3/4" NPT | A10151612 |
| 1"1/4 NPT | 1" NPT | A10152016 |
| 1"1/2 NPT | 1"1/4 NPT | A10152420 |
| 2" NPT | 1"1/2 NPT | A10153224 |

## Adaptador Macho NPT (60°) - H.G. NPSM (60°)

Adaptor male NPT (60°) - swivel female NPSM (60°)

Adapteur mâle NPT (60°)- femelle tournante NPSM (60°)

Adattatore maschio NPT 60° - femm. girevole NPSM 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" NPT | 1/4" NPSM | N11700404 |
| 3/8" NPT | 3/8" NPSM | N11700606 |
| 1/2" NPT | 1/2" NPSM | N11700808 |
| 3/4" NPT | 3/4" NPSM | N11701212 |
| 1" NPT | 1" NPSM | N11701616 |
| 1"1/4 NPT | 1" 1/4 NPSM | N11702020 |

## Adaptador Macho NPT (60°) - Hembra Fija NPT

Adaptor male NPT (60°) - fixed female NPT

Adapteur mâle NPT (60°)- femelle fixe NPT

Adattatore maschio NPT 60° - femmina fissa NPT



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/4" NPT | 1/4" NPT | N10600404 |
| 1/4" NPT | 3/8" NPT | N10600406 |
| 3/8" NPT | 1/4" NPT | N10600604 |
| 3/8" NPT | 3/8" NPT | N10600606 |
| 3/8" NPT | 1/2" NPT | N10600608 |
| 1/2" NPT | 3/8" NPT | N10600806 |
| 1/2" NPT | 1/2" NPT | N10600808 |
| 1/2" NPT | 3/4" NPT | N10600812 |
| 3/4" NPT | 3/4" NPT | N10601212 |
| 1" NPT | 1" NPT | N10601616 |

## Adaptador Hembra Fija NPT - Hembra Fija NPT

NPT adaptor fixed female - fixed female NPT

Adapteur femelle fixe NPT - femelle fixe NPT

Adattatore femmina fissa NPT - femmina fissa NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | N103100404 |
| 3/8" NPT | N103100606 |
| 1/2" NPT | N103100808 |
| 3/4" NPT | N103101212 |
| 1" NPT | N103101616 |

# Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

## Tapón HF NPT

NPT fixed female cap

Bouchon femelle fixe NPT

Tappo femmina fissa NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" NPT | N107202 |
| 1/4" NPT | N107204 |
| 3/8" NPT | N107206 |
| 1/2" NPT | N107208 |
| 3/4" NPT | N107212 |
| 1" NPT | N107216 |

## Tapón Allen NPT

NPT Allen plug

Bouchon Allen NPT

Tappo conico a brugola NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | N107104 |
| 3/8" NPT | N107106 |
| 1/2" NPT | N107108 |
| 3/4" NPT | N107112 |
| 1" NPT | N107116 |

## Tapón macho NPT (60°)

NPT (60°) male plug

Bouchon mâle NPT (60°)

Tappo maschio NPT (60°)



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | N107004 |
| 3/8" NPT | N107006 |
| 1/2" NPT | N107008 |
| 3/4" NPT | N107012 |
| 1" NPT | N107016 |

## Codo 90° HF-HF NPT

90° elbow fixed female NPT - fixed female NPT

Coude 90° femelle fixe NPT - femelle fixe NPT

Adattatore a 90° femmina fissa - femmina fissa NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" NPT | N119602 |
| 1/4" NPT | N119604 |
| 3/8" NPT | N119606 |
| 1/2" NPT | N119608 |
| 3/4" NPT | N119612 |
| 1" NPT | N119616 |
| 1"1/4 NPT | N119620 |
| 1"1/2 NPT | N119624 |
| 2" NPT | N119632 |

## Codo 90° M-M NPT

90° elbow male NPT - male NPT

Coude 90° mâle NPT - mâle NPT

Adattatore a 90° maschio - maschio NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" NPT | N119002 |
| 1/4" NPT | N119004 |
| 3/8" NPT | N119006 |
| 1/2" NPT | N119008 |
| 3/4" NPT | N119012 |
| 1" NPT | N119016 |
| 1"1/4 NPT | N119020 |
| 1"1/2 NPT | N119024 |
| 2" NPT | N119032 |

## Codo 90 Macho NPT (60°) - H.G. NPSM (60°)

90° elbow male NPT 60° - swivel female NPSM 60°

Coude 90° mâle NPT 60° - femelle tournante NPSM 60°

Adattatore a 90° maschio NPT 60 - femmina girevole NPSM 60



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" NPT | 1/4" NPSM | N11930404 |
| 3/8" NPT | 3/8" NPSM | N11930606 |
| 1/2" NPT | 1/2" NPSM | N11930808 |
| 3/4" NPT | 3/4" NPSM | N11931212 |
| 1" NPT | 1" NPSM | N11931616 |
| 1" 1/4 NPT | 1" 1/4 NPSM | N11932020 |

TrAle®

# Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT



## Codo 45 Hembra Fija NPT - Hembra Fija NPT

45° elbow fixed female NPT - fixed female NPT

Coude 45° femelle fixe NPT - femelle fixe NPT

Adattatore 45° femmina fissa NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | **N11960404** |
| 3/8" NPT | **N11960606** |
| 1/2" NPT | **N11960808** |
| 3/4" NPT | **N11961212** |
| 1" NPT | **N11961616** |

## Codo 45 Macho NPT (60°) - Macho NPT (60°)

45° elbow male NPT 60° - male NPT 60°

Coude 45° mâle NPT 60° - mâle NPT 60°

Adattatore 45° maschio NPT 60°



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | **N11980404** |
| 3/8" NPT | **N11980606** |
| 1/2" NPT | **N11980808** |
| 3/4" NPT | **N11981212** |
| 1" NPT | **N11981616** |

## Codo 45 Macho NPT (60°) - H.G. NPSM (60°)

45° elbow male NPT 60° - swivel female NPSM 60°

Coude 45° mâle NPT 60° - swivel female NPSM 60°

Adattatore 45° maschio NPT 60° - femm. girevole NPSM 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/4" NPT | 1/4" NPSM | **N13930404** |
| 3/8" NPT | 3/8" NPSM | **N13930606** |
| 1/2" NPT | 1/2" NPSM | **N13930808** |
| 3/4" NPT | 3/4" NPSM | **N13931212** |
| 1" NPT | 1" NPSM | **N13931616** |
| 1"1/4 NPT | 1" 1/4 NPSM | **N13932020** |

## T M-M-M NPT (60°)

NPT (60°) male tee

Té mâle NPT (60°)

Adattatore a T maschio NPT 60°



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" NPT | **N122002** |
| 1/4" NPT | **N122004** |
| 3/8" NPT | **N122006** |
| 1/2" NPT | **N122008** |
| 3/4" NPT | **N122012** |
| 1" NPT | **N122016** |
| 1" 1/4 NPT | **N122020** |
| 1"1/2 NPT | **N122024** |
| 2" NPT | **N122032** |

## T HF-HF-HF NPT

NPT fixed female tee

Té femelle fixe NPT

Adattatore a T femmina fissa NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" NPT | **N122602** |
| 1/4" NPT | **N122604** |
| 3/8" NPT | **N122606** |
| 1/2" NPT | **N122608** |
| 3/4" NPT | **N122612** |
| 1" NPT | **N122616** |
| 1"1/4 NPT | **N122620** |
| 1" 1/2 NPT | **N122624** |
| 2" NPT | **N122632** |

TrAle®

# Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS



## Tuerca ORFS

ORFS Nut

Ecrou ORFS

Dado ORFS



| ROSCA THREAD | Referencia Part n° | |
|---|---|---|
| ORFS 9/16"-18h | **OR1020400** | |
| ORFS 11/16"-16h | **OR1020600** | |
| ORFS 13/16"-16h | **OR1020800** | |
| ORFS 1"-14h | **OR1021000** | |
| ORFS 1"3/16-12h | **OR1021200** | |
| ORFS 1"7/16-12h | **OR1021600** | |
| ORFS 1"11/16-12h | **OR1022000** | 1 |
| ORFS 2"-12h | **OR1022400** | 1 |

## Tapón macho ORFS

ORFS Male plug

Bouchon mâle ORFS

Tappo maschio ORFS



| ROSCA THREAD | Referencia Part n° |
|---|---|
| ORFS 9/16"-18h | **OR1040400** |
| ORFS 11/16"-16h | **OR1040600** |
| ORFS 13/16"-16h | **OR1040800** |
| ORFS 1"-14h | **OR1041000** |
| ORFS 1"3/16-12h | **OR1041200** |
| ORFS 1"7/16-12h | **OR1041600** |
| ORFS 1"11/16-12h | **OR1042000** |
| ORFS 2"-12h | **OR1042400** |

## Adaptador macho ORFS

ORFS-ORFS Male

Mâle ORFS-ORFS

Adattatore maschio ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | ORFS 9/16"-18h | **OR2000404** |
| ORFS 11/16"-16h | ORFS 9/16"-18h | **OR2000604** |
| ORFS 11/16"-16h | ORFS 11/16"-16h | **OR2000606** |
| ORFS 13/16"-16h | ORFS 11/16"-16h | **OR2000806** |
| ORFS 13/16"-16h | ORFS 13/16"-16h | **OR2000808** |
| ORFS 1"-14h | ORFS 13/16"-16h | **OR2001008** |
| ORFS 1"-14h | ORFS 1"-14h | **OR2001010** |
| ORFS 1" 3/16-12h | ORFS 1"-14h | **OR2001210** |
| ORFS 1"3/16-12h | ORFS 1"3/16-12h | **OR2001212** |
| ORFS 1"7/16-12h | ORFS 1"3/16-12h | **OR2001612** |
| ORFS 1"7/16-12h | ORFS 1"7/16-12h | **OR2001616** |
| ORFS 1"11/16-12h | ORFS 1"7/16-12h | **OR2002016** |
| ORFS 1"11/16-12h | ORFS 1"11/16-12h | **OR2002020** |
| ORFS 2"-12h | ORFS 2"-12h | **OR2002424** |

## Cono soldar

ORFS Welding cone

Collet à souder ORFS

Ogiva a saldare ORFS



| ROSCA THREAD | Referencia Part n° |
|---|---|
| ORFS 9/16"-18h | **OR12730406** |
| ORFS 11/16"-16h | **OR12730610** |
| ORFS 13/16"-16h | **OR12730812** |
| ORFS 1"-14h | **OR12731014** |
| ORFS 1"-14h | **OR12731015** |
| ORFS 1"-14h | **OR12731016** |
| ORFS 1" 3/16-12h | **OR12731218** |
| ORFS 1" 3/16-12h | **OR12731220** |
| ORFS 1"11/16-12h | **OR12732030** |
| ORFS 2"-12h | **OR12732438** |

## Tapón hembra giratoria ORFS

ORFS Female cap

Bouchon femelle ORFS

Tappo femmina ORFS



| ROSCA THREAD | Referencia Part n° |
|---|---|
| ORFS 9/16"-18h | **OR1050400** |
| ORFS 11/16"-16h | **OR1050600** |
| ORFS 13/16"-16h | **OR1050800** |
| ORFS 1"-14h | **OR1051000** |
| ORFS 1"3/16-12h | **OR1051200** |
| ORFS 1"7/16-12h | **OR1051600** |
| ORFS 1"11/16-12h | **OR1052000** |
| ORFS 2"-12h | **OR1052400** |

## Adaptador reductor hembra giratoria ORFS-macho ORFS

ORFS Swivel female-ORFS Male

Femelle tournante ORFS-mâle ORFS

Adattatore femmina girevole ORFS-maschio ORFS



| ROSCA (H) THREAD (F) | ROSCA (M) THREAD (M) | Referencia Part n° |
|---|---|---|
| ORFS 11/16"-16h | ORFS 9/16"-18h | **OR3010604** |
| ORFS 13/16"-16h | ORFS 9/16"-18h | **OR3010804** |
| ORFS 13/16"-16h | ORFS 11/16"-16h | **OR3010806** |
| ORFS 1"-14h | ORFS 9/16"-18h | **OR3011004** |
| ORFS 1"-14h | ORFS 13/16"-16h | **OR3011008** |
| ORFS 1" 3/16-12h | ORFS 11/16"-16h | **OR3011206** |
| ORFS 1"3/16-12h | ORFS 13/16-16h | **OR3011208** |
| ORFS 1"3/16-12h | ORFS 1"-14h | **OR3011210** |
| ORFS 1"7/16-12h | ORFS 13/16"-16h | **OR3011608** |
| ORFS 1"7/16-12h | ORFS 1"-14h | **OR3011610** |
| ORFS 1"11/16-12h | ORFS 1"3/16-12h | **OR3012012** |
| ORFS 1"11/16-12h | ORFS 1"7/16-12h | **OR3012016** |

# Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS

TrAle®

## Adaptador macho ORFS-BSP

ORFS Male -BSP Male

Mâle ORFS-BSP

Adattatore maschio ORFS-BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | BSP 1/8" | **OR2020402** |
| ORFS 9/16"-18h | BSP 1/4" | **OR2020404** |
| ORFS 11/16"-16h | BSP 1/4" | **OR2020604** |
| ORFS 11/16"-16h | BSP 3/8" | **OR2020606** |
| ORFS 13/16"-16h | BSP 3/8" | **OR2020806** |
| ORFS 13/16"-16h | BSP 1/2" | **OR2020808** |
| ORFS 1"-14h | BSP 1/2" | **OR2021008** |
| ORFS 1"3/16-12h | BSP 3/4" | **OR2021212** |
| ORFS 1"7/16-12h | BSP 1" | **OR2021616** |
| ORFS 1"11/16-12h | BSP 1"1/4 | **OR2022020** |
| ORFS 2"-12h | BSP 1"1/2 | **OR2022424** |

## Adaptador macho ORFS-hembra giratoria JIC

ORFS Male-JIC Swivel female

Mâle ORFS-femelle tournante JIC

Adattatore maschio ORFS-femmina girevole JIC



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | JIC 7/16" | **OR3020404** |
| ORFS 11/16"-16h | JIC 9/16" | **OR3020606** |
| ORFS 13/16"-16h | JIC 3/4" | **OR3020808** |
| ORFS 1"-14h | JIC 7/8" | **OR3021010** |
| ORFS 1"3/16-12h | JIC 1"1/16 | **OR3021212** |
| ORFS 1"7/16-12h | JIC 1"5/16 | **OR3021616** |
| ORFS 1"11/16-12h | JIC 1"5/8 | **OR3022020** |
| ORFS 2"-12h | JIC 1"7/8 | **OR3022424** |

## Macho ORFS-Macho Métrico

ORFS Male - Metric Male

Mâle ORFS - Mâle Métrique

Adattatore maschio ORFS - maschio Metrico



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | M12x1.5 | **OR10170412** |
| ORFS 11/16"-16h | M14x1.5 | **OR10170614** |
| ORFS 11/16"-16h | M16x1.5 | **OR10170616** |
| ORFS 13/16"-16h | M18x1.5 | **OR10170818** |
| ORFS 1"-14h | M22x1.5 | **OR10171022** |
| ORFS 1"7/16-12h | M33x2 | **OR10171633** |
| ORFS 1"11/16-12h | M42x2 | **OR10172042** |
| ORFS 2"-12h | M48x2 | **OR10172448** |

## Adaptador macho ORFS-JIC

ORFS Male-JIC Male

Mâle ORFS-Mâle JIC

Adattatore maschio ORFS - maschio JIC



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | JIC 7/16" | **OR2040404** |
| ORFS 11/16"-16h | JIC 9/16" | **OR2040606** |
| ORFS 13/16"-16h | JIC 3/4" | **OR2040808** |
| ORFS 1"-14h | JIC 7/8" | **OR2041010** |
| ORFS 1"3/16-12h | JIC 1"1/16 | **OR2041212** |
| ORFS 1"7/16-12h | JIC 1"5/16 | **OR2041616** |

## Pasatabiques ORFS

ORFS Bulkhead

Passe-cloison ORFS

Passaparete ORFS



| ROSCA THREAD | Referencia Part n° |
|---|---|
| ORFS 9/16"-18h | **OR1060404** |
| ORFS 11/16"-16h | **OR1060606** |
| ORFS 13/16"-16h | **OR1060808** |
| ORFS 1"-14h | **OR1061010** |
| ORFS 1"3/16-12h | **OR1061212** |
| ORFS 1"7/16-12h | **OR1061616** |
| ORFS 1"11/16-12h | **OR1062020** |
| ORFS 2"-12h | **OR1062424** |

TrAle®

# Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS



## Hembra Giratoria ORFS - Racor Recto Macho BSP

ORFS swivel female - BSP male

Femelle tournante ORFS - Mâle BSP

Adattatore maschio BSP 60° - femm. girevole ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" BSP | ORFS 9/16" 18h | **OR3030402** |
| 1/4" BSP | ORFS 9/16" - 18h | **OR3030404** |
| 1/4" BSP | ORFS 11/16" - 16h | **OR3030604** |
| 3/8" BSP | ORFS 11/16" - 16h | **OR3030606** |
| 3/8" BSP | ORFS 13/16" - 16h | **OR3030806** |
| 1/2" BSP | ORFS 13/16" - 16h | **OR3030808** |
| 1/2" BSP | ORFS 1" - 14h | **OR3031008** |
| 3/4" BSP | ORFS 1"3/16 - 12h | **OR3031212** |
| 1" BSP | ORFS 1"7/16 - 12h | **OR3031616** |
| 1"1/4 BSP | ORFS 1"11/16 - 12h | **OR3032020** |
| 1"1/2 BSP | ORFS 2" - 12h | **OR3032424** |

## Hembra Giratoria ORFS - Racor Recto Macho BSP con junta

ORFS swivel female - BSP male with o´ring

Femelle tournante ORFS - Mâle BSP avec o´ring

Adattatore maschio BSP con O'ring - femm. girevole ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 3/8" BSP | ORFS 11/16" - 16h | **OR3130606** |
| 1/2" BSP | ORFS 13/16" - 16h | **OR3130808** |
| 3/4" BSP | ORFS 1"3/16 - 12h | **OR3131212** |
| 1" BSP | ORFS 1"7/16 - 12h | **OR3131616** |

## Adaptador Macho ORFS - Hembra Fija BSP

ORFS male adaptor - BSP fixed female

Adapteur mâle ORFS - femelle fixe BSP

Adattatore maschio ORFS - femmina fissa BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16" -20h | BSP 1/4" | **OR3040404** |
| ORFS 11/16"-16h | BSP 3/8" | **OR3040606** |
| ORFS 13/16"-16h | BSP 1/2" | **OR3040808** |
| ORFS 1"3/16"-12h | BSP 3/4" | **OR3041212** |
| ORFS 1"7/16-12h | BSP 1" | **OR3041616** |

## Adaptador H.G. ORFS - Macho JIC

ORFS swivel female adaptor - JIC male

Adapteur femelle tournante ORFS - mâle JIC

Adattatore maschio JIC 37° - femm. girevole ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| JIC 7/16 | ORFS 9/16"-18 h | **OR3050404** |
| JIC 9/16 | ORFS 11/16"-16h | **OR3050606** |
| JIC 3/4" | ORFS 13/16"-16 h | **OR3050808** |
| JIC 1"1/16 | ORFS 1"3/16-12 h | **OR3051212** |
| JIC 1" 5/16 | ORFS 1"7/16-12 h | **OR3051616** |

## Codo 45° regulable ORFS-BSP

45° elbow ORFS male-Adjustable BSP male

Coude 45° mâle ORFS-mâle gaz cyl. +o'ring

Adattatore 45° maschio orientabile BSP - maschio ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | BSP 1/8" | **OR5010402** |
| ORFS 9/16"-18h | BSP 1/4" | **OR5010404** |
| ORFS 11/16"-16h | BSP 1/4" | **OR5010604** |
| ORFS 11/16"-16h | BSP 3/8" | **OR5010606** |
| ORFS 11/16"-16h | BSP 1/2" | **OR5010608** |
| ORFS 13/16"-16h | BSP 3/8" | **OR5010806** |
| ORFS 1"-14h | BSP 1/2" | **OR5011008** |
| ORFS 1"-14h | BSP 3/4" | **OR5011012** |
| ORFS 1"3/16-12h | BSP 3/4" | **OR5011212** |
| ORFS 1"3/16-12h | BSP 1" | **OR5011216** |
| ORFS 1"7/16-12h | BSP 1" | **OR5011616** |

## Codo 45° macho ORFS-hembra giratoria ORFS

45° elbow ORFS swivel female-ORFS male

Coude 45° mâle ORFS-femelle tournante ORFS

Raccordo a 45° maschio-femmina girevole ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | ORFS 9/16"-18h | **OR6010404** |
| ORFS 11/16"-16h | ORFS 11/16"-16h | **OR6010606** |
| ORFS 13/16"-16h | ORFS 13/16"-16h | **OR6010808** |
| ORFS 1"-14h | ORFS 1"-14h | **OR6011010** |
| ORFS 1"3/16-12h | ORFS 1"3/16-12h | **OR6011212** |
| ORFS 1"7/16-12h | ORFS 1"7/16-12h | **OR6011616** |
| ORFS 1"11/16h | ORFS 1"11/16h | **OR6012020** |
| ORFS 2"-12h | ORFS 2"-12h | **OR6012424** |

# Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS

## Codo 90° ORFS-ORFS

90° Elbow ORFS male-ORFS male

Coude 90° mâle ORFS-mâle ORFS

Adattatore 90° maschio ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | ORFS 9/16"-18h | **OR4050404** |
| ORFS 11/16"-16h | ORFS 11/16"-16h | **OR4050606** |
| ORFS 13/16"-16h | ORFS 13/16"-16h | **OR4050808** |
| ORFS 1"-14h | ORFS 1"-14h | **OR4051010** |
| ORFS 1"3/16-12h | ORFS 1"3/16-12h | **OR4051212** |
| ORFS 1"7/16-12h | ORFS 1"7/16-12h | **OR4051616** |
| ORFS 1"11/16-12h | ORFS 1"11/16-12h | **OR4052020** |
| ORFS 2"-12h | ORFS 2"-12h | **OR4052424** |

## Codo 90° macho-hembra giratoria ORFS

90° Elbow ORFS Swivel female-ORFS male

Coude 90° femelle tournante-mâle ORFS

Adattatore 90° maschio-femmina girevole ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | ORFS 9/16"-18h | **OR6000404** |
| ORFS 11/16"-16h | ORFS 11/16"-16h | **OR6000606** |
| ORFS 13/16"-16h | ORFS 13/16"-16h | **OR6000808** |
| ORFS 1"-14h | ORFS 1"-14h | **OR6001010** |
| ORFS 1"3/16-12h | ORFS 1"3/16-12h | **OR6001212** |
| ORFS 1"7/16-12h | ORFS 1"7/16-12h | **OR6001616** |
| ORFS 1"11/16-12h | ORFS 1"11/16-12h | **OR6002020** |

## Codo 90° pasatabique ORFS

90° Elbow ORFS Bulkhead

Coude 90° passe-cloison ORFS

Adattatore 90° passaparete ORFS



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | ORFS 9/16"-18h | **OR4030404** |
| ORFS 11/16"-16h | ORFS 11/16"-16h | **OR4030606** |
| ORFS 1"-14h | ORFS 1"-14h | **OR4031010** |
| ORFS 1"3/16-12h | ORFS 1"3/16-12h | **OR4031212** |
| ORFS 1"7/16-12h | ORFS 1"7/16-12h | **OR4031616** |
| ORFS 1"11/16-12h | ORFS 1"11/16-12h | **OR4032020** |
| ORFS 2"-12h | ORFS 2"-12h | **OR4032424** |

## Codo 90° ORFS-BSP macho regulable

90° elbow ORFS male -Adjustable BSP male

Coude 90° mâle ORFS + mâle gaz cyl. +o'ring

Adattatore 90° maschio ORFS - maschio orientabile BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | BSP 1/8" | **OR4010402** |
| ORFS 9/16"-18h | BSP 1/4" | **OR4010404** |
| ORFS 9/16"-18h | BSP 3/8" | **OR4010406** |
| ORFS 11/16"-16h | BSP 1/4" | **OR4010604** |
| ORFS 11/16"-16h | BSP 3/8" | **OR4010606** |
| ORFS 13/16"-16h | BSP 1/4" | **OR4010804** |
| ORFS 13/16"-16h | BSP 1/2" | **OR4010808** |
| ORFS 1"-14h | BSP 3/8" | **OR4011006** |
| ORFS 1"-14h | BSP 1/2" | **OR4011008** |
| ORFS 1"3/16-12h | BSP 1/2" | **OR4011208** |
| ORFS 1"3/16-12h | BSP 3/4" | **OR4011212** |
| ORFS 1"3/16-12h | BSP 1" | **OR4011216** |
| ORFS 1"7/16-12h | BSP 1" | **OR4011616** |
| ORFS 1"7/16-12h | BSP 1" 1/4 | **OR4011620** |
| ORFS 1"11/16-12h | BSP 1" | **OR4012016** |
| ORFS 1"11/16-12h | BSP 1"1/4 | **OR4012020** |
| ORFS 2"-12h | BSP 1"1/2 | **OR4012424** |

## Codo 90° Macho ORFS - Macho NPT (60°)

90° Elbow ORFS male - NPT male (60°)

Coude 90° mâle ORFS - mâle NPT (60°)

Adattatore 90° maschio ORFS - maschio NPT 60°



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18 h | 1/4" NPT | **OR4040404** |
| ORFS 11/16"-16h | 3/8" NPT | **OR4040606** |
| ORFS 13/16"-16 h | 1/2" NPT | **OR4040808** |
| ORFS 1"3/16-12 h | 3/4" NPT | **OR4041212** |
| ORFS 1"7/16-12 h | 1" NPT | **OR4041616** |

TrAle®

# Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS



## Te Macho ORFS

Tee ORFS male

Té égal mâle ORFS

Adattatore a T maschio ORFS



| ROSCA THREAD | Referencia Part n° |
|---|---|
| ORFS 9/16"-18h | **OR7000404** |
| ORFS 11/16"-16h | **OR7000606** |
| ORFS 13/16"-16h | **OR7000808** |
| ORFS 1"-14h | **OR7001010** |
| ORFS 1"3/16-12h | **OR7001212** |
| ORFS 1"7/16-12h | **OR7001616** |
| ORFS 1"11/16-12h | **OR7002020** |
| ORFS 2"-12h | **OR7002424** |

## Te macho-hembra giratoria-macho ORFS

Branch tee ORFS male-swivel female-male

Té mâle-femelle tournante-mâle ORFS

Adattatore T maschio - femmina girevole centrale ORFS



| ROSCA THREAD | Referencia Part n° |
|---|---|
| ORFS 9/16"-18h | **OR7010404** |
| ORFS 11/16"-16h | **OR7010606** |
| ORFS 13/16"-16h | **OR7010808** |
| ORFS 1"-14h | **OR7011010** |
| ORFS 1"3/16-12h | **OR7011212** |
| ORFS 1"7/16-12h | **OR7011616** |
| ORFS 1"11/16-12h | **OR7012020** |
| ORFS 2"-12h | **OR7012424** |

## Te macho-macho-hembra giratoria ORFS

Barrel tee ORFS male-male-swivel female

Té mâle-mâle-femelle tournante ORFS

Adattatore T maschio - femmina girevole laterale ORFS



| ROSCA THREAD | Referencia Part n° |
|---|---|
| ORFS 9/16"-18h | **OR7020404** |
| ORFS 11/16"-16h | **OR7020606** |
| ORFS 13/16"-16h | **OR7020808** |
| ORFS 1"-14h | **OR7021010** |
| ORFS 1"3/16-12h | **OR7021212** |
| ORFS 1"7/16-12h | **OR7021616** |
| ORFS 1"11/16-12h | **OR7022020** |

## Te macho ORFS-macho BSP-macho ORFS

Branch tee ORFS male- Adjustable BSP male- ORFS male

Té mâle ORFS-mâle BSP-mâle ORFS

Adattatore T maschio ORFS - maschio orientabile centrale BSP



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | BSP 1/8" | **OR7030402** |
| ORFS 9/16"-18h | BSP 1/4" | **OR7030404** |
| ORFS 11/16"-16h | BSP 1/4" | **OR7030604** |
| ORFS 11/16"-16h | BSP 3/8" | **OR7030606** |
| ORFS 13/16"-16h | BSP 3/8" | **OR7030806** |
| ORFS 1"-14h | BSP 1/2" | **OR7031008** |
| ORFS 1"-14h | BSP 3/4" | **OR7031012** |
| ORFS 1"3/16-12h | BSP 3/4" | **OR7031212** |
| ORFS 1"7/16-12h | BSP 1" | **OR7031616** |
| ORFS 1"11/16-12h | BSP 1"1/4 | **OR7032020** |

## Te macho ORFS-macho ORFS-macho BSP

Barrel tee ORFS male-ORFS male- Adjustable BSP male

Té mâle ORFS-mâle ORFS-mâle BSP

Adattatore T maschio ORFS - maschio orientabile laterale BSP

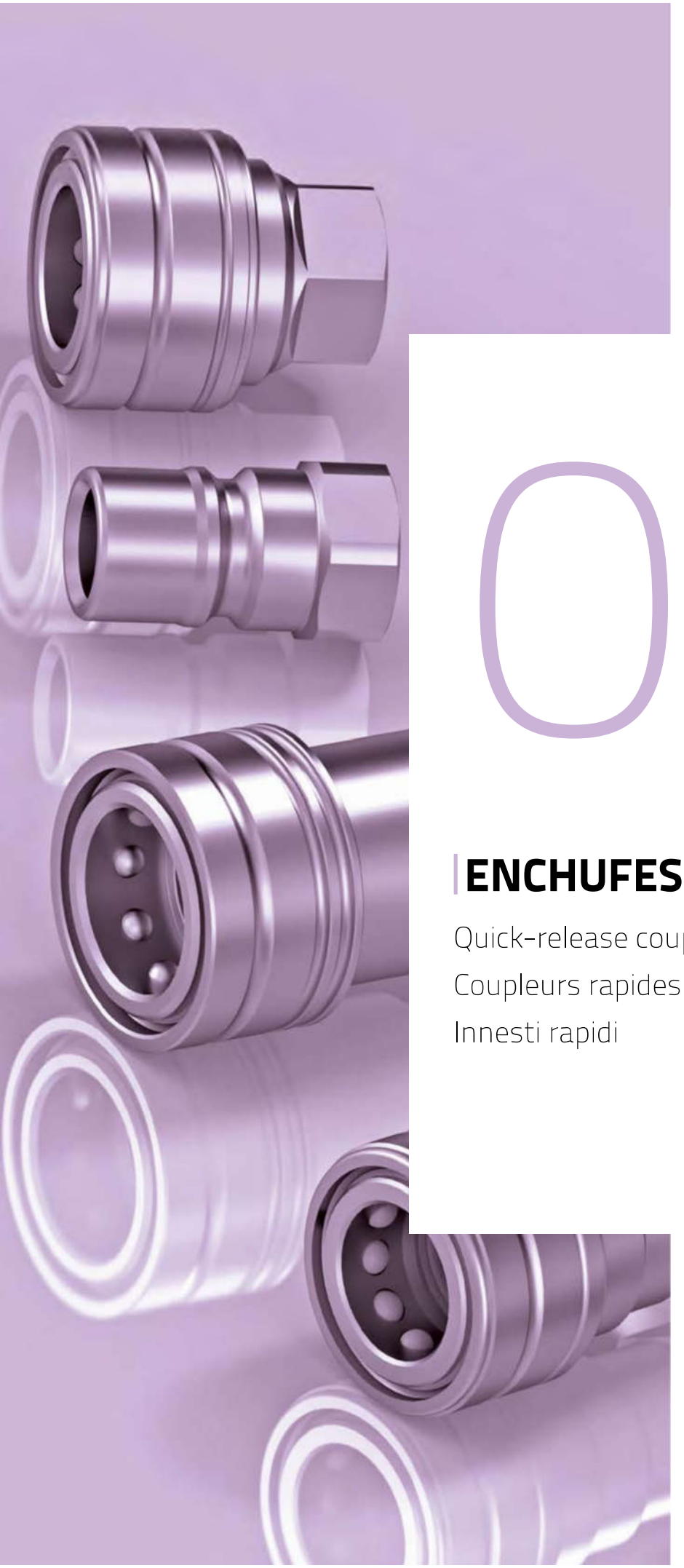


| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| ORFS 9/16"-18h | BSP 1/8" | **OR7040402** |
| ORFS 9/16"-18h | BSP 1/4" | **OR7040404** |
| ORFS 11/16"-16h | BSP 1/4" | **OR7040604** |
| ORFS 11/16"-16h | BSP 3/8" | **OR7040606** |
| ORFS 1"-14h | BSP 3/4" | **OR7041012** |
| ORFS 1"11/16-12h | BSP 1"1/4 | **OR7042020** |
| ORFS 2"-12h | BSP 1"1/2 | **OR7042424** |

**Enchufes rápidos DNP** 321
DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

**Enchufes rápidos TrΔle®** 331
TrΔle® quick-release couplings
Coupleurs rapides TrΔle®
Innesti rapidi TrΔle®

**Enchufes rápidos TrΔle® GREENLINE** 333
TrΔle® GREENLINE quick-release couplings
Coupleurs rapides TrΔle® GREENLINE
Innesti rapidi TrΔle® GREENLINE



02

# ENCHUFES RÁPIDOS

Quick-release couplings

Coupleurs rapides

Innesti rapidi

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

Enchufes cara plana ▪ Flat face quick release couplings ▪ Coupleurs rapides à clapet face plane ▪ Innesti a faccia piana | 321



A8701/A8702 A9003M/A9004M A8711/A8712 A9021 A8721 A900...M...P A9001/A9002 A9011/A9012

Enchufes autorroscantes ▪ Quick release screw couplings ▪ Coupleurs rapides à visser ▪ Innesti a vite | 322



A9051/A9052 A8081/A8082 A8008/A8009

Enchufes punzón ▪ Quick release couplings ▪ Coupleurs rapides à clapet ▪ Innesti a valvola | 323



A8001/A8002 A807/A844 A8311/A8312 A801 A803 A8101/A8102 A8103/A8104 A8201/A8202 A8211/A8212

Enchufes Push-Pull ▪ Push-Push couplings ▪ Coupleurs Push-Pull ▪ Innesti Push-Pull | 325



A80/A84 A70/A74 A8951/A8952 A8451/A8452 A8911/A8912 A8901/A8902 A8461/8462

Enchufes de bola ▪ Quick release couplings ball type ▪ Coupleurs rapides à bille ▪ Innesti a sfera | 326



A7001/A7002 A701 A703 A700...TAZ

Enchufes altisima presión ▪ Couplings high pressure ▪ Coupleurs haute pression ▪ Innesti alta pressione | 327



A9031/A9032 A706/A711 A9201/A9202

Válvulas de frenado ▪ Brake valves ▪ Valves freinage ▪ Valvole di frenaggio | 327



A910/A912 A9102 A9501/A9141 A9502

Enchufes latón ▪ Brass couplings ▪ Coupleurs laiton ▪ Innesti ottone | 327



A850 PTFEA NBRA

Accesorios para enchufes ▪ Accessories for couplings ▪ Accessoires pour coupleurs rapides ▪ Accessori per innesto rapido | 329



A9901/A9902 A9911/A9912 A9931/A9932 A9941/A9942 A9981/A9982 A9921 A9951/A9952

# Enchufes rápidos TrΔle®

TrΔle® quick-release couplings
Coupleurs rapides TrΔle®
Innesti rapidi TrΔle®

Enchufes punzón TrΔle® ▪ TrΔle® quick release couplings ▪ Coupleurs rapides à clapet TrΔle® ▪ Innesti a valvola TrΔle® | 331


B800


B810


B820


B801

Enchufes válvula plana y válvulas de frenado TrΔle® ▪ TrΔle® flat face quick release couplings and brake valves ▪ Coupleurs rapides à clapet face plane TrΔle® ▪ Innesti a faccia piana e valvole di frenaggio TrΔle® | 331


B900


B910

Enchufes Push-Pull TrΔle® ▪ TrΔle® Push-Pull couplings ▪ Coupleurs Push-Pull TrΔle® ▪ Innesti Push-Pull TrΔle® | 331


B840

Accesorios para enchufes TrΔle® ▪ Accessories for TrΔle® couplings ▪ Accessoires pour coupleurs rapides TrΔle® ▪ Accessori per innesto rapido TrΔle® | 332


B990


B991

# Enchufes rápidos TrΔle® GREENLINE

TrΔle® GREENLINE quick-release couplings
Coupleurs rapides TrΔle® GREENLINE
Innesti rapidi TrΔle® GREENLINE

Enchufes punzón TrΔle® GREENLINE ▪ TrΔle® GREENLINE Quick release couplings ▪ Couplers rapides à clapet TrΔle® GREENLINE ▪ Innesti a valvola TrΔle® GREENLINE | 333



C800

Accesorios para enchufes ▪ Accessories for couplings ▪ Accessoires pour coupleurs rapides ▪ Accessori per innesto rapido | 333



JAGNBR



JAGPTFE

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP



## E.R. cara plana para martillos BSP

Flat face quick release coupling inner threads BSP

Coupleur rapide à clapet face plane (marteau) BSP

Innesto rapido a faccia piana per martelli BSP



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A870104** |
| 3/8" BSP | 10 | 2 | M | **A870106** |
| 1/2" BSP | 10 | 2 | M | **A870108** |
| 1/2" BSP | 12,5 | 3 | M | **A87011208** |
| 3/4" BSP | 12,5 | 3 | M | **A870112** |
| 3/4" BSP | 16 | 4A | M | **A87011612** |
| 1" BSP | 19 | 4 | M | **A870116** |
| 1"1/4 BSP | 25 | 5 | M | **A870120** |
| 1/4" BSP | 6,3 | 1 | H | **A870204** |
| 3/8" BSP | 10 | 2 | H | **A870206** |
| 1/2" BSP | 10 | 2 | H | **A870208** |
| 1/2" BSP | 12,5 | 3 | H | **A87021208** |
| 3/4" BSP | 12,5 | 3 | H | **A870212** |
| 3/4" BSP | 16 | 4A | H | **A87021612** |
| 1" BSP | 19 | 4 | H | **A870216** |
| 1"1/4 BSP | 25 | 5 | H | **A870220** |

## E.R. cara plana para martillos (rosca Métrica)

Flat face coupling (Metric thread)

Coupleur rapide à clapet face plane (filetage Métrique)

Innesto a faccia piana (Metrico)



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| M16X1.5-10L | 6,3 | 1 | M | **A9003M16** |
| M18X1.5-12L | 10 | 2 | M | **A9003M18** |
| M22X1.5-15L | 10 | 2 | M | **A9003M22** |
| M26X1.5-18L | 12,5 | 3 | M | **A9003M26** |
| M16X1.5-10L | 6,3 | 1 | H | **A9004M16** |
| M18X1.5-12L | 10 | 2 | H | **A9004M18** |
| M22X1.5-15L | 10 | 2 | H | **A9004M22** |
| M26X1.5-18L | 12,5 | 3 | H | **A9004M26** |

## E.R. cara plana para martillos (rosca UNF)

Flat face quick release coupling inner threads (UNF thread)

Coupleur rapide à clapet face plane pour marteau (filetage UNF)

Innesto rapido a faccia piana per martelli (filetatura UNF)



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 9/16"-18h UNF | 6,3 | 1 | M | **A87110906** |
| 9/16"-18h UNF | 10 | 2 | M | **A87110913** |
| 3/4"-16h UNF | 10 | 2 | M | **A87111213** |
| 7/8"-14h UNF | 12,5 | 3 | M | **A87111420** |
| 1"1/16-12h UNF | 16 | 4A | M | **A87111722** |
| 1"1/16-12h UNF | 19 | 4 | M | **A87111725** |
| 9/16"-18h UNF | 6,3 | 1 | H | **A87120906** |
| 9/16"-18h UNF | 10 | 2 | H | **A87120913** |
| 3/4"-16h UNF | 10 | 2 | H | **A87121213** |
| 7/8"-14h UNF | 12,5 | 3 | H | **A87121420** |
| 1"1/16-12h UNF | 16 | 4A | H | **A87121722** |
| 1"1/16-12h UNF | 19 | 4 | H | **A87121725** |

## E.R. cara plana Ecológico acoplamiento en presión BSP

Flat face quick release coupling connectable u/pressure BSP

Coupleur rapide à clapet face plane 'Ecologique" pression BSP

Innesto rapido a faccia piana Ecologico innestabile in pressione BSP



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A902104** |
| 3/8" BSP | 10 | 2 | M | **A902106** |
| 1/2" BSP | 10 | 2 | M | **A902108** |
| 1/2" BSP | 12,5 | 3 | M | **A90211208** |
| 3/4" BSP | 12,5 | 3 | M | **A902112** |
| 3/4" BSP | 16 | 4A | M | **A90211612** |
| 1" BSP | 19 | 4 | M | **A902116** |

**Se montan con enchufe hembra A870** / *To assemble with female coupling A870* / À monter avec co e *A870 / Per montare con innesto femmina A870*

## E.R. cara plana para martillos altas pulsaciones BSP

Flat face quick release coupling inner threads high pulsations BSP

Coupleur rapide à clapet face plane (marteau) hautes pulsations BSP

Innesto rapido a faccia piana per martelli alti pulsazioni BSP



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 3/4" BSP | 19 | 4 | M | **A872112** |
| 1" BSP | 19 | 4 | M | **A872116** |

**Se montan con enchufe hembra A870** / *To assemble with female coupling A870* / A monter avec co *A870 / Per montare con innesto femmina A870*

## E.R. cara plana pasatabique para martillos (rosca Métrica)

Flat face coupling bulkhead (Metric thread)

Coupleur rapide à clapet face plane passe cloison (filetage Métrique)

Innesto a faccia piana passaparete (Metrico)



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| M16x1.5 | 6,3 | 1 | M | **A9001M16P** |
| M18x1.5 | 10 | 2 | M | **A9001M18P** |
| M22X1.5 | 10 | 2 | M | **A9001M22P** |
| M26x1.5 | 12,5 | 3 | M | **A9001M26P** |
| M16x1.5 | 6,3 | 1 | H | **A9002M16P** |
| M18x1.5 | 10 | 2 | H | **A9002M18P** |
| M22X1.5 | 10 | 2 | H | **A9002M22P** |
| M26x1.5 | 12,5 | 3 | H | **A9002M26P** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## E.R. cara plana Ecológico (rosca BSP) - ISO16028

BSP Ecological flat face coupling-- ISO16028

Coupleur rapide à clapet face plane "Ecologique" filetage BSP- ISO16028

Innesto rapido faccia piana BSP - ISO16028



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A900104** |
| 3/8" BSP | 10 | 2 | M | **A900106** |
| 1/2" BSP | 10 | 2 | M | **A900108** |
| 1/2" BSP | 12,5 | 3 | M | **A90011208** |
| 3/4" BSP | 12,5 | 3 | M | **A900112** |
| 1" BSP | 19 | 4 | M | **A900116** |
| 1"1/4 BSP | 25 | 5 | M | **A900120** |
| 1" 1/2 BSP | 40 | 7 | M | **A900124** |
| 2" BSP | 50 | 8 | M | **A900132** |
| 1/4" BSP | 6,3 | 1 | H | **A900204** |
| 3/8" BSP | 10 | 2 | H | **A900206** |
| 1/2" BSP | 10 | 2 | H | **A900208** |
| 1/2" BSP | 12,5 | 3 | H | **A90021208** |
| 3/4" BSP | 12,5 | 3 | H | **A900212** |
| 1" BSP | 19 | 4 | H | **A900216** |
| 1"1/4 BSP | 25 | 5 | H | **A900220** |
| 1"1/2 BSP | 40 | 7 | H | **A900224** |
| 2" BSP | 50 | 8 | H | **A900232** |

## E.R. cara plana Ecológico (rosca NPT)

NPT Ecological flat face coupling

Coupleur rapide à clapet face plane "Ecologique" filetage NPT

Innesto rapido faccia piana NPT



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" NPT | 6,3 | 1 | M | **A901104** |
| 3/8" NPT | 10 | 2 | M | **A901106** |
| 1/2" NPT | 10 | 2 | M | **A901108** |
| 3/4" NPT | 12,5 | 3 | M | **A901112** |
| 1" NPT | 19 | 4 | M | **A901116** |
| 1"1/4 NPT | 25 | 5 | M | **A901120** |
| 1"1/2 NPT | 40 | 7 | M | **A901124** |
| 2" NPT | 50 | 8 | M | **A901132** |
| 1/4" NPT | 6,3 | 1 | H | **A901204** |
| 3/8" NPT | 10 | 2 | H | **A901206** |
| 1/2" NPT | 10 | 2 | H | **A901208** |
| 3/4" NPT | 12,5 | 3 | H | **A901212** |
| 1" NPT | 19 | 4 | H | **A901216** |
| 1"1/2 NPT | 40 | 7 | H | **A901224** |
| 2" NPT | 50 | 8 | H | **A901232** |

## E.R. cara plana Autorroscantes acoplam en pres. (rosca BSP)

BSP flat face screw coupling u/pressure

Coupleur rapide à clapet face plane à visser pression (filetage BSP)

Innesto rapido faccia piana a vite in pressione



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A905104** |
| 3/8" BSP | 10 | 2 | M | **A905106** |
| 1/2" BSP | 12,5 | 3 | M | **A905108** |
| 3/4" BSP | 16 | 4A | M | **A905112** |
| 1" BSP | 19 | 4 | M | **A905116** |
| 1" 1/4 BSP | 25 | 5 | M | **A905120** |
| 1" 1/2 BSP | 40 | 7 | M | **A905124** |
| 1/4" BSP | 6,3 | 1 | H | **A905204** |
| 3/8" BSP | 10 | 2 | H | **A905206** |
| 1/2" BSP | 12,5 | 3 | H | **A905208** |
| 3/4" BSP | 16 | 4A | H | **A905212** |
| 1" BSP | 19 | 4 | H | **A905216** |
| 1" 1/4 BSP | 25 | 5 | H | **A905220** |
| 1" 1/2 BSP | 40 | 7 | H | **A905224** |

## E.R. Punzón Autorroscantes alta resistencia

BSP high resistance quick release screw coupling

Coupleur rapide à vis haute résistance y filetage BSP

Innesto rapido a vite ad alta resistenza BSP



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 3/8" | 10 | 2 | M | **A808106** |
| 1/2" | 12,5 | 3 | M | **A808108** |
| 3/4" | 19 | 4 | M | **A808112** |
| 1" | 25 | 5 | M | **A808116** |
| 1"1/4 | 31,5 | 6 | M | **A808120** |
| 1/2" | 40 | 7 | M | **A808124** |
| 3/8" | 10 | 2 | H | **A808206** |
| 1/2" | 12,5 | 3 | H | **A808208** |
| 3/4" | 19 | 4 | H | **A808212** |
| 1" | 25 | 5 | H | **A808216** |
| 1"1/4 | 31,5 | 6 | H | **A808220** |
| 1"1/2 | 40 | 7 | H | **A808224** |

## E.R. Punzón Autorros. acoplam. en pres. (rosca BSP) ISO14541

BSP Quick release screw coupling ISO14541

Coupleur rapide à visser taraudage norme DIN forme y filetage BSP ISO14541

Innesto rapido a vite (BSP) ISO14541



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 10 | 2 | M | **A800804** |
| 3/8" BSP | 10 | 2 | M | **A800806** |
| 1/2" BSP | 12,5 | 3 | M | **A800808** |
| 3/4" BSP | 20 | 4 | M | **A800812** |
| 1" BSP | 25 | 5 | M | **A800816** |
| 1"1/4 BSP | 31,5 | 6 | M | **A805820** |
| 1"1/2 BSP | 31,5 | 6 | M | **A805824** |
| 1/4" BSP | 10 | 2 | H | **A800904** |
| 3/8" BSP | 10 | 2 | H | **A800906** |
| 1/2" BSP | 12,5 | 3 | H | **A800908** |
| 3/4" BSP | 20 | 4 | H | **A800912** |
| 1" BSP | 25 | 5 | H | **A800916** |
| 1"1/4 BSP | 31,5 | 6 | H | **A805920** |
| 1"1/2 BSP | 31,5 | 6 | H | **A805924** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP



## E.R. Punzón ISO 7241- A

ISO 7241- A Quick release coupling

Coupleur rapide à clapet norme ISO 7241-A

Innesto rapido a valvola ISO 7241- A



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A800104** |
| 3/8" BSP | 10 | 2 | M | **A800106** |
| 1/2" BSP | 12,5 | 3 | M | **A800108** |
| M22X1.5 | 12,5 | 3 | M | **A802122** |
| 3/4" BSP | 20 | 4 | M | **A800112** |
| 1" BSP | 25 | 5 | M | **A800116** |
| 1"1/4 BSP | 31,5 | 6 | M | **A800120** |
| 1"1/2 BSP | 40 | 7 | M | **A800124** |
| 2" BSP | 50 | 8 | M | **A800132** |
| 1/4" BSP | 6,3 | 1 | H | **A800204** |
| 3/8" BSP | 10 | 2 | H | **A800206** |
| 1/2" BSP | 12,5 | 3 | H | **A800208** |
| 3/4" BSP | 20 | 4 | H | **A800212** |
| M22X1.5 | 12,5 | 3 | H | **A802222** |
| 1" BSP | 25 | 5 | H | **A800216** |
| 1"1/4 BSP | 31,5 | 6 | H | **A800220** |
| 1"1/2 BSP | 40 | 7 | H | **A800224** |
| 2" BSP | 50 | 8 | H | **A800232** |

## E.R. Punzón ISO 7241-A -acoplamiento a presión residual

ISO 7241-A Quick release coupling (coupling under residual pressure)

Coupleur rapide à clapet accoupable sous pression résiduelle

Innesto rapido a valvole ISO 7241-A a innestabili in pressione residua




| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M (Tipo B) | **A807108** |
| 1/2" BSP | 12,5 | 3 | M (Tipo A) | **A844108** |
| 1/2" NPT | 12,5 | 3 | M (Tipo A) | **A806108** |

## E.R. ISO 7241- A Paso total BSP

ISO 7241-A Quick release coupling free flow BSP

Coupleur rapide à clapet ISO 7241- A pass.total BSP

innesto rapido ISO 7241-A pasaggio libero BSP



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A831104** |
| 3/8" BSP | 10 | 2 | M | **A831106** |
| 1/2" BSP | 12,5 | 3 | M | **A831108** |
| 3/4" BSP | 20 | 4 | M | **A831112** |
| 1" BSP | 25 | 5 | M | **A831116** |
| 1"1/4 BSP | 31,5 | 6 | M | **A831120** |
| 1/4" BSP | 6,3 | 1 | H | **A831204** |
| 3/8" BSP | 10 | 2 | H | **A831206** |
| 1/2" BSP | 12,5 | 3 | H | **A831208** |
| 3/4" BSP | 20 | 4 | H | **A831212** |
| 1" BSP | 25 | 5 | H | **A831216** |
| 1"1/4 BSP | 31,5 | 6 | H | **A831220** |

## E.R. Punzón ISO 7241-A (rosca NPT)

ISO 7241-A NPT Quick release coupling

Coupleur rapide à clapet norme ISO 7241-A filetage NPT

Innesto rapido a valvola ISO 7241-A NPT



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" NPT | 6,3 | 1 | M | **A801104** |
| 3/8" NPT | 10 | 2 | M | **A801106** |
| 1/2" NPT | 12,5 | 3 | M | **A801108** |
| 3/4" NPT | 20 | 4 | M | **A801112** |
| 1" NPT | 25 | 5 | M | **A801116** |
| 1"1/4 NPT | 31,5 | 6 | M | **A801120** |
| 1"1/2 NPT | 40 | 7 | M | **A801124** |
| 2" NPT | 50 | 8 | M | **A801132** |
| 1/4" NPT | 6,3 | 1 | H | **A801204** |
| 3/8" NPT | 10 | 2 | H | **A801206** |
| 1/2" NPT | 12,5 | 3 | H | **A801208** |
| 3/4" NPT | 20 | 4 | H | **A801212** |
| 1" NPT | 25 | 5 | H | **A801216** |
| 1"1/4 NPT | 31,5 | 6 | H | **A801220** |
| 1"1/2 NPT | 40 | 7 | H | **A801224** |
| 2" NPT | 50 | 8 | H | **A801232** |

## E.R. Punzón ISO 7241-A (rosca UNF)

ISO 7241-A UNF Quick release coupling

Coupleur rapide à clapet norme ISO7241- A filetage UNF

Innesto rapido a valvola ISO 7241-B UNF



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 3/4" UNF | 12,5 | 3 | M | **A803112** |
| 3/4" UNF | 12,5 | 3 | H | **A803212** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## E.R. Punzón ISO 7241-B (rosca BSP)

ISO 72241-B Quick release coupling (BSP)

Coupleur rapide à clapet norme ISO 7241- B (BSP)

Innesto rapido a valvola ISO 7241-B (BSP)



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/8" BSP | 5 | 0 | M | **A810102** |
| 1/4" BSP | 6,3 | 1 | M | **A810104** |
| 3/8" BSP | 10 | 2 | M | **A810106** |
| 1/2" BSP | 12,5 | 3 | M | **A810108** |
| 3/4" BSP | 20 | 4 | M | **A810112** |
| 1" BSP | 25 | 5 | M | **A810116** |
| 1"1/4 BSP | 40 | 7 | M | **A810120** |
| 1"1/2 BSP | 40 | 7 | M | **A810124** |
| 2" BSP | 50 | 8 | M | **A810132** |
| 1/8" BSP | 5 | 0 | H | **A810202** |
| 1/4" BSP | 6,3 | 1 | H | **A810204** |
| 3/8" BSP | 10 | 2 | H | **A810206** |
| 1/2" BSP | 12,5 | 3 | H | **A810208** |
| 3/4" BSP | 20 | 4 | H | **A810212** |
| 1" BSP | 25 | 5 | H | **A810216** |
| 1"1/4 BSP | 40 | 7 | H | **A810220** |
| 1"1/2 BSP | 40 | 7 | H | **A810224** |
| 2" BSP | 50 | 8 | H | **A810232** |

## E.R. Punzón ISO 7241-B (rosca NPT)

ISO 7241-B NPT Quick release couplings

Coupleur rapide à clapet norme ISO 7241-B NPT

Innesto rapido a valvola ISO 7241-B NPT



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/8" NPT | 5 | 0 | M | **A810302** |
| 1/4" NPT | 6,3 | 1 | M | **A810304** |
| 3/8" NPT | 10 | 2 | M | **A810306** |
| 1/2" NPT | 12,5 | 3 | M | **A810308** |
| 3/4" NPT | 20 | 4 | M | **A810312** |
| 1" NPT | 25 | 5 | M | **A810316** |
| 1"1/4 NPT | 40 | 7 | M | **A810320** |
| 1"1/2 NPT | 40 | 7 | M | **A810324** |
| 2" NPT | 50 | 8 | M | **A810332** |
| 1/8" NPT | 5 | 0 | H | **A810402** |
| 1/4" NPT | 6,3 | 1 | H | **A810404** |
| 3/8" NPT | 10 | 2 | H | **A810406** |
| 1/2" NPT | 12,5 | 3 | H | **A810408** |
| 3/4" NPT | 20 | 4 | H | **A810412** |
| 1" NPT | 25 | 5 | H | **A810416** |
| 1"1/4 NPT | 40 | 7 | H | **A810420** |
| 1"1/2 NPT | 40 | 7 | H | **A810424** |
| 2" NPT | 50 | 8 | H | **A810432** |

## E.R. Punzón Serie NV (rosca BSP)

Quick release coupling NV serie

Coupleur rapide à clapet serie NV

Innesto rapido valvola Serie NV



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A820104** |
| 3/8" BSP | 10 | 2 | M | **A820106** |
| 3/4" BSP | 19 | 4 | M | **A820112** |
| 1" BSP | 25 | 5 | M | **A820116** |
| 1"1/4 BSP | 31,5 | 6 | M | **A820120** |
| 1"1/2 BSP | 40 | 7 | M | **A820124** |
| 2" BSP | 50 | 8 | M | **A820132** |
| 1/4" BSP | 6,3 | 1 | H | **A820204** |
| 3/8" BSP | 10 | 2 | H | **A820206** |
| 3/4" BSP | 19 | 4 | H | **A820212** |
| 1" BSP | 25 | 5 | H | **A820216** |
| 1"1/4 BSP | 31,5 | 6 | H | **A820220** |
| 1"1/2 BSP | 40 | 7 | H | **A820224** |
| 2" BSP | 50 | 8 | H | **A820232** |

## E.R. Punzón Serie NV (rosca NPT)

NPT Quick release couplings NV1 serie

Coupleur rapide à clapet serie NV 1 NPT

Innesto rapido a valvola serie NV 1 NPT



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" NPT | 6,3 | 1 | M | **A821104** |
| 3/8" NPT | 10 | 2 | M | **A821106** |
| 3/4" NPT | 19 | 4 | M | **A821112** |
| 1" NPT | 25 | 5 | M | **A821116** |
| 1"1/4 NPT | 31,5 | 6 | M | **A821120** |
| 1"1/2 NPT | 40 | 7 | M | **A821124** |
| 2" NPT | 50 | 8 | M | **A821132** |
| 1/4" NPT | 6,3 | 1 | H | **A821204** |
| 3/8" NPT | 10 | 2 | H | **A821206** |
| 3/4" NPT | 19 | 4 | H | **A821212** |
| 1" NPT | 25 | 5 | H | **A821216** |
| 1"1/4 NPT | 31,5 | 6 | H | **A821220** |
| 1"1/2 NPT | 40 | 7 | H | **A821224** |
| 2" NPT | 50 | 8 | H | **A821232** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## E.R. Push-Pull Punzón ISO A

Push-Pull quick release ISO A

Coupleurs Push-Pull ISO A

Innesto rapido a valvola ISO A



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M | **A840108** |
| 1/2" BSP | 12,5 | 3 | H | **A840208** |
| 1/2" NPT | 12,5 | 3 | H | **A841208** |
| M22X1.5 | 12,5 | 3 | H | **A842222** |
| 3/4" UNF | 12,5 | 3 | H | **A843234** |

## E.R. Push-Pull bola ISO A

Push-Pull coupling ball type ISO A

Coupleurs Push-Pull à bille ISO A

Innesto rapido a sfera ISO A



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M | **A704108** |
| 1/2" NPT | 12,5 | 3 | M | **A705108** |
| 1/2" BSP | 12,5 | 3 | H | **A740208** |
| 1/2" NPT | 12,5 | 3 | H | **A741208** |
| 3/4" UNF | 12,5 | 3 | H | **A702212** |

## E.R. Push-Pull Punzón aplic.agric. BSP ISO A

Push-Pull quick release coupling agric.application BSP ISO A

Coupleurs Push-Pull à clapet application agricole BSP ISO A

Innesto rapido a valvola applicazioni agricole BSP ISO A



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A895104** |
| 3/8" BSP | 10 | 2 | M | **A895106** |
| 1/2" BSP | 12,5 | 3 | M | **A895108** |
| 3/4" BSP | 19 | 4 | M | **A895112** |
| 1" BSP | 25 | 5 | M | **A895116** |
| 1/4" BSP | 6,3 | 1 | H | **A895204** |
| 3/8" BSP | 10 | 2 | H | **A895206** |
| 1/2" BSP | 12,5 | 3 | H | **A895208** |
| 3/4" BSP | 19 | 4 | H | **A895212** |
| 1" BSP | 25 | 5 | H | **A895216** |

## E.R. Push-Pull Punzón aplic. agric. SAE ISO A

Push-Pull quick release coupling agric.application SAE ISO A

Coupleurs Push-Pull à clapet aplication agricole SAE ISO A

Innesto rapido a valvola applicazioni agricole SAE ISO A



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 3/4" SAE | 12,5 | 3 | M | **A845112** |
| 3/4" SAE | 12,5 | 3 | H | **A845212** |

## E.R. Push-Pull Punzón aplic. agric. M mét. ISO A

Push-Pull quick release coupling agric.application Met. M ISO A

Coupleurs Push-Pull à clapet aplication agricole M mét. ISOA

Innesto rapido a valvola applicazioni agricole M Met ISOA



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| M14X1.5-8L | 10 | 2 | M | **A89111408** |
| M16X1.5-10L | 10 | 2 | M | **A89111610** |
| M18X1.5-12L | 12,5 | 3 | M | **A89111812** |
| M20X1.5-12S | 12,5 | 3 | M | **A89112012** |
| M22X1.5-15L | 12,5 | 3 | M | **A89112215** |
| M26X1.5-18L | 19 | 4 | M | **A89112618** |
| M30X2-22L | 19 | 4 | M | **A89113022** |
| M14X1.5-8L | 10 | 2 | H | **A89121408** |
| M16X1.5-10L | 10 | 2 | H | **A89121610** |
| M18X1.5-12L | 12,5 | 3 | H | **A89121812** |
| M20X1.5-12S | 12,5 | 3 | H | **A89122012** |
| M22X1.5-15L | 12,5 | 3 | H | **A89122215** |
| M26X1.5-18L | 19 | 4 | H | **A89122618** |
| M30X2-22L | 19 | 4 | H | **A89123022** |

## E.R. Push-Pull Punzón aplic. agric. M mét. pasat ISO A

Push-Pull quick release coupling agric.application Met. M bulkhead ISO A

Coupleurs Push-Pull à clapet aplication agricole M mét. passe-cloison ISO A

Innesto rapido a valvola applicazioni agricole M Met. pasaparete ISO A



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| M16X1.5-10L | 10 | 2 | M | **A89011610** |
| M18X1.5-12L | 12,5 | 3 | M | **A89011812** |
| M22X1.5-15L | 12,5 | 3 | M | **A89012215** |
| M16X1.5-10L | 10 | 2 | H | **A89021610** |
| M18X1.5-12L | 12,5 | 3 | H | **A89021812** |
| M22X1.5-15L | 12,5 | 3 | H | **A89022215** |

## E.R. Push-Pull Punzón acoplamiento en presión ISO A

Push-Pull quick release coupling u/ pressure ISO A

Coupleurs Push-Pull à clapet pression ISO A

Innesto rapido a valvola in pressione ISO A



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M | **A8461108** |
| 1/2" NPT | 12,5 | 3 | M | **A8462108** |
| M22X1.5 | 12,5 | 3 | M | **A8463122** |
| 3/4" UNF | 12,5 | 3 | M | **A8464134** |
| 1/2" BSP | 12,5 | 3 | H | **A8461208** |
| 1/2" NPT | 12,5 | 3 | H | **A8462208** |
| M22X1.5 | 12,5 | 3 | H | **A8463222** |
| 3/4" UNF | 12,5 | 3 | H | **A8464234** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## E.R. Bola Serie NS (rosca BSP)

BSP Quick release coupling ball type NS Serie

Coupleur rapide à bille série NS

Innesto rapido a sfera BSP Serie NS



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A700104** |
| 3/8" BSP | 10 | 2 | M | **A700106** |
| 1/2" BSP | 12,5 | 3 | M | **A700108** |
| 3/4" BSP | 19 | 4 | M | **A700112** |
| 1" BSP | 25 | 5 | M | **A700116** |
| 1/4" BSP | 6,3 | 1 | H | **A700204** |
| 3/8" BSP | 10 | 2 | H | **A700206** |
| 1/2" BSP | 12,5 | 3 | H | **A700208** |
| 3/4" BSP | 19 | 4 | H | **A700212** |
| 1" BSP | 25 | 5 | H | **A700216** |

## E.R. Bola Serie NS (rosca NPT)

NPT Quick release coupling ball type NS Serie

Coupleur rapide à bille filetage NPT série NS

Innesto rapido a sfera NPT serie NS



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" NPT | 6,3 | 1 | M | **A701104** |
| 3/8" NPT | 10 | 2 | M | **A701106** |
| 1/2" NPT | 12,5 | 3 | M | **A701108** |
| 3/4" NPT | 19 | 4 | M | **A701112** |
| 1" NPT | 25 | 5 | M | **A701116** |
| 1/4" NPT | 6,3 | 1 | H | **A701204** |
| 3/8" NPT | 10 | 2 | H | **A701206** |
| 1/2" NPT | 12,5 | 3 | H | **A701208** |
| 3/4" NPT | 19 | 4 | H | **A701212** |
| 1" NPT | 25 | 5 | H | **A701216** |

## E.R. Bola Serie NS (rosca UNF)

UNF Quick release coupling ball type NS Serie

Coupleur rapide à bille filetage UNF série NS

Innesto rapido a sfera UNF serie NS



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 3/4" UNF | 12,5 | 3 | M | **A703112** |
| 3/4" UNF | 12,5 | 3 | H | **A703212** |

## E.R. Bola Tipo Taz (góndolas y semirem.) BSP

Quick release coupling ball type Type Taz (gondolas and semi-tows) BSP

Coupleur rapide à bille Type Taz spécial carrocières BSP

Innesto rapido a sfera tipo Taz per semirimorchio BSP



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | E. C. | Referencia Part n° |
|---|---|---|---|
| 3/4" BSP | 19 | M | **A700112TAZ** |
| 1" BSP | 25 | M | **A700116TAZ** |
| 3/4" BSP | 19 | H | **A700212TAZ** |
| 1" BSP | 25 | H | **A700216TAZ** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## E.R. Válvula plana altísima presión 700 bar

Flat face quick release coupling inner threads high pressure 700 bar
Coupleur rapide à clapet face plane (marteau) haute pression 700 bar
Innesto rapido faccia piana altissima presione 700 bar



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A903104** |
| 3/8" BSP | 6,3 | 1 | M | **A903106** |
| 1/4" BSP | 6,3 | 1 | H | **A903204** |
| 3/8" BSP | 6,3 | 1 | H | **A903206** |

## E.R. Bola altísima presión 700 bar ISO 14540

Quick release coupling ball type very high pressure (700 bar) ISO 14540
Coupleur rapide à verrouillage vissé haute pression-700 bar ISO 14540
Innesto rapido a sfera 700 bar ISO 14540



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" NPT | 6,3 | 1 | M | **A711104** |
| 3/8" BSP | 10 | 2 | M | **A706106** |
| 3/8" NPT | 10 | 2 | M | **A711106** |
| 1/4" NPT | 6,3 | 1 | H | **A711204** |
| 1/4" BSP | 6,3 | 1 | H | **A711214** |
| 3/8" BSP | 10 | 2 | H | **A706206** |
| 3/8" NPT | 10 | 2 | H | **A711206** |

## Enchufes altisima presión 1500 bar BSP

Couplings 1500 bar BSP
Coupleurs 1500 bar BSP
Innesti 1500 bar BSP



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A920104** |
| 1/4" BSP | 6,3 | 1 | H | **A920204** |

## Válvula de frenado macho

Male brake valve
Valve freinage mâle
Valvola di frenaggio maschio



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M (Tipo C) | **A910508** |
| M18X1,5 | 12,5 | 3 | M (Tipo B) | **A912118** |
| M20X1,5 | 12,5 | 3 | M (Tipo B) | **A912120** |
| M22X1,5 | 12,5 | 3 | M (Tipo B) | **A912122** |
| M16x1,5 | 12,5 | 3 | M (Tipo A) | **A912316** |
| M18x1,5 | 12,5 | 3 | M (Tipo A) | **A912318** |

## Válvula de frenado hembra

Female brake valve
Valve freinage femelle
Valvola di frenaggio femmina



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 3/8" BSP | 12,5 | 3 | H | **A910206** |
| 1/2" BSP | 12,5 | 3 | H | **A910208** |
| M18X1.5 | 12,5 | 3 | H | **A910218** |

## Válvula agrícola macho acoplamiento en presión

Male agricultural valve
Valve agricole à visser mâle
Valvola agricola maschio



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M (Tipo C) | **A950108** |
| M18x1,5 | 12,5 | 3 | M (Tipo B) | **A950118** |
| M20x1,5 | 12,5 | 3 | M (Tipo B) | **A950120** |
| M22x1,5 | 12,5 | 3 | M (Tipo B) | **A950122** |
| M16x1,5 | 12,5 | 3 | M (Tipo A) | **A9141620** |
| M18x1,5 | 12,5 | 3 | M (Tipo A) | **A9141820** |

## Válvula agrícola hembra acoplamiento en presión

Female agricultural valve
Valve agricole à visser femelle
Valvola agricola femmina



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° | € |
|---|---|---|---|---|---|
| M18X1.5 | 12,5 | 3 | H | **A950218** | **33,24** |

## E.R. Punzón ISO B (rosca BSP) latón

ISO B Quick release coupling brass
Coupleur rapide à clapet norme ISO B laiton
Innesto rapido a valvola ISO B ottone



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **A850104** |
| 3/8" BSP | 10 | 2 | M | **A850106** |
| 1/2" BSP | 12,5 | 3 | M | **A850108** |
| 3/4" BSP | 19 | 4 | M | **A850112** |
| 1" BSP | 25 | 5 | M | **A850116** |
| 1"1/4 BSP | 40 | 7 | M | **A850120** |
| 1"1/2 BSP | 40 | 7 | M | **A850124** |
| 2" BSP | 50 | 8 | M | **A850132** |
| 1/4" BSP | 6,3 | 1 | H | **A850204** |
| 3/8" BSP | 10 | 2 | H | **A850206** |
| 1/2" BSP | 12,5 | 3 | H | **A850208** |
| 3/4" BSP | 19 | 4 | H | **A850212** |
| 1" BSP | 25 | 5 | H | **A850216** |
| 1"1/4 BSP | 40 | 7 | H | **A850220** |
| 1"1/2 BSP | 40 | 7 | H | **A850224** |
| 2" BSP | 50 | 8 | H | **A850232** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## Arandelas PTFE

PTFE seals

Rondelles PTFE

Guarnizione in PTFE



| TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | Referencia<br>Part n° |
|---|---|---|
| 6,3 | 1 | **PTFEA04** |
| 10 | 2 | **PTFEA06** |
| 12,5 | 3 | **PTFEA08** |
| 19 | 4 | **PTFEA12** |
| 25 | 5 | **PTFEA16** |

## Juego de juntas de reparación e.r. ISO A

Kit of seals to repair for ISO A quick release coupling

Jeu de joints pour coupleur ISO A

Guarnizioni per innesto ISO A



| Ø INT.<br>Ø INNER | TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | Espesor (mm)<br>Thickness (mm) | Referencia<br>Part n° |
|---|---|---|---|---|
| 11.91 | 2.62 | 6,3 | 1 | **NBRA04** |
| 17.12 | 2.62 | 10 | 2 | **NBRA06** |
| 20.24 | 2.62 | 12,5 | 3 | **NBRA08** |
| 28.24 | 2.62 | 19 | 4 | **NBRA12** |
| 34.59 | 2.62 | 25 | 5 | **NBRA16** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## Tapones para enchufes rápidos ISO A

Plugs and caps for ISO A quick release couplings

Bouchons et capuchons de plastique pour coupleurs norme ISO A

Tappi per ISO A



| TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | DESCRIPCION DESCRIPTION | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 6,3 | 1 | PLUG | F | **A990104** |
| 10 | 2 | PLUG | F | **A990106** |
| 12,5 | 3 | PLUG | F | **A990108** |
| 19 | 4 | PLUG | F | **A990112** |
| 25 | 5 | PLUG | F | **A990116** |
| 6,3 | 1 | CAP | M | **A990204** |
| 10 | 2 | CAP | M | **A990206** |
| 12,5 | 3 | CAP | M | **A990208** |
| 19 | 4 | CAP | M | **A990212** |
| 25 | 5 | CAP | M | **A990216** |

## Tapones para enchufes ISO B

Plugs and caps for ISO B quick release coupling

Bouchons et capuchons de plastique pour coupleurs ISO B

Tappi per ISO B



| TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | DESCRIPCION DESCRIPTION | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 6,3 | 1 | PLUG | F | **A991104** |
| 10 | 2 | PLUG | F | **A991106** |
| 12,5 | 3 | PLUG | F | **A991108** |
| 19 | 4 | PLUG | F | **A991112** |
| 25 | 5 | PLUG | F | **A991116** |
| 6,3 | 1 | CAP | M | **A991204** |
| 10 | 2 | CAP | M | **A991206** |
| 12,5 | 3 | CAP | M | **A991208** |
| 19 | 4 | CAP | M | **A991212** |
| 25 | 5 | CAP | M | **A991216** |

## Tapones para enchufes de válvula plana ISO 16028

Plugs and caps for flat face quick release couplings ISO 16028

Bouchons et capuchons de plastique pour coupleurs face plane ISO 16028

Tappi per innesti a faccia piana ISO 16028



| TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | DESCRIPCION DESCRIPTION | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 6,3 | 1 | PLUG | F | **A993104** |
| 10 | 2 | PLUG | F | **A993106*** |
| 10 | 2 | PLUG | F | **A993108** |
| 12,5 | 3 | PLUG | F | **A993112** |
| 19 | 4 | PLUG | F | **A993116** |
| 22 | 4A | PLUG | F | **A993116A** |
| 25 | 5 | PLUG | F | **A993120** |
| 6,3 | 1 | CAP | M | **A993204** |
| 10 | 2 | CAP | M | **A993208** |
| 12,5 | 3 | CAP | M | **A993212** |
| 19 | 4 | CAP | M | **A993216** |
| 22 | 4A | CAP | M | **A993216A** |
| 25 | 5 | CAP | M | **A993220** |

***Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

## Tapones para enchufes autorroscantes ISO 14541

Plugs and caps for quick release screw coupling ISO 14541

Bouchon pour coupleur rapide à visser ISO 14541

Tappi per innesti rapidi a vite ISO 14541



| TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | DESCRIPCION DESCRIPTION | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 6,3 | 1 | CAP | F | **A994104** |
| 10 | 2 | CAP | F | **A994106** |
| 12,5 | 3 | CAP | F | **A994108** |
| 19 | 4 | CAP | F | **A994112** |
| 25 | 5 | CAP | F | **A994116** |
| 6,3 | 1 | PLUG | M | **A994204** |
| 10 | 2 | PLUG | M | **A994206** |
| 12,5 | 3 | PLUG | M | **A994208** |
| 19 | 4 | PLUG | M | **A994212** |
| 25 | 5 | PLUG | M | **A994216** |

## Tapones para enchufes autorroscantes alta resistencia

Plugs and caps for quick release coupling very high resistance

Bouchon pour coupleur rapide très haute résistance

Tappi per innesti rapidi alta resistenza



| TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | DESCRIPCION DESCRIPTION | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 10 | 2 | CAP | F | **A998106** |
| 12,5 | 3 | CAP | F | **A998108** |
| 19 | 4 | CAP | F | **A998112** |
| 25 | 5 | CAP | F | **A998116** |
| 31,5 | 6 | CAP | F | **A998120** |
| 40 | 7 | CAP | F | **A998124** |
| 10 | 2 | PLUG | M | **A998206** |
| 12,5 | 3 | PLUG | M | **A998208** |
| 19 | 4 | PLUG | M | **A998212** |
| 25 | 5 | PLUG | M | **A998216** |
| 31,5 | 6 | PLUG | M | **A998220** |
| 40 | 7 | PLUG | M | **A998224** |

## Tapones para enchufes altisima presión ISO 14540

Plugs and caps for quick release coupling very high pressure ISO 14540

Bouchon pour coupleur rapide très haute presión ISO 14540

Tappi per innesti rapidi alta presione ISO 14540



| TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | | Referencia Part n° |
|---|---|---|---|
| 6,3 | 1 | NEW | **A992104** |
| 10 | 2 | | **A992106** |

# Enchufes rápidos DNP

DNP Quick-release couplings
Coupleurs rapides DNP
Innesti rapidi DNP

## Tapones para enchufes NV

Plugs and caps for NV quick release coupling

Bouchons et capuchons de plastique pour coupleurs NV

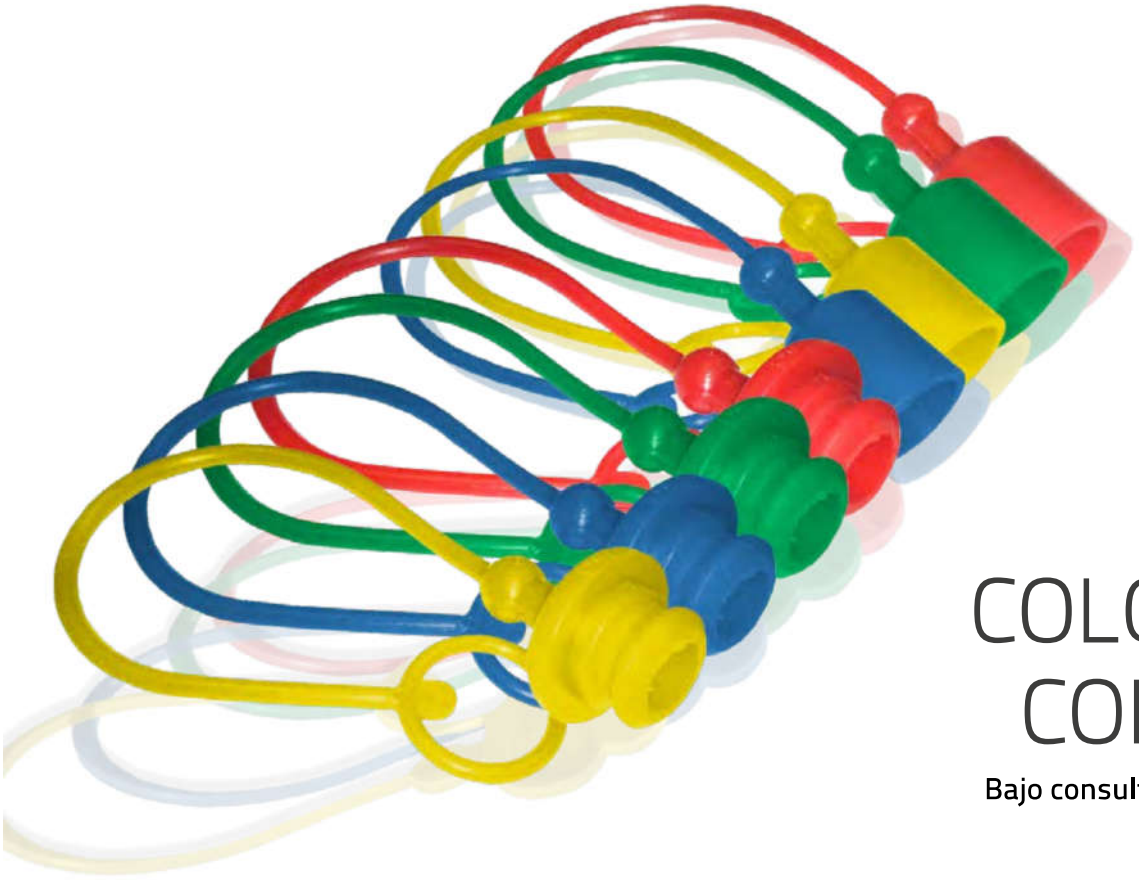
Tappi per ISO NV



| TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | DESCRIPCION<br>DESCRIPTION | Referencia<br>Part n° |
|---|---|---|---|
| 6,3 | 1 | PLUG | **A995104** |
| 10 | 2 | PLUG | **A995106** |
| 19 | 4 | PLUG | **A995112** |
| 25 | 5 | PLUG | **A995116** |
| 6,3 | 1 | CAP | **A995204** |
| 10 | 2 | CAP | **A995206** |
| 19 | 4 | CAP | **A995212** |
| 25 | 5 | CAP | **A995216** |

# TAPONES PARA ENCHUFES

## PLUGS AND CAPS FOR QUICK RELEASE COUPLING



# COLORES
# COLORS

**Bajo consulta/ On request**

# Enchufes rápidos TrΔle®

TrΔle® quick-release couplings
Coupleurs rapides TrΔle®
Innesti rapidi TrΔle®



## E.R. Punzón ISO A BSP

ISO A Quick relase coupling BSP

Coupleur rapide à clapet norme ISO A BSP

Innesto rapido a valvula ISO-A BSP - TrΔle®



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **B800104** |
| 3/8" BSP | 10 | 2 | M | **B800106** |
| 1/2" BSP | 12,5 | 3 | M | **B800108** |
| 3/4" BSP | 20 | 4 | M | **B800112** |
| 1" BSP | 25 | 5 | M | **B800116** |
| 1/4" BSP | 6,3 | 1 | F | **B800204** |
| 3/8" BSP | 10 | 2 | F | **B800206** |
| 1/2" BSP | 12,5 | 3 | F | **B800208** |
| 3/4" BSP | 20 | 4 | F | **B800212** |
| 1" BSP | 25 | 5 | F | **B800216** |

## E.R. Punzón ISO B BSP

ISO B Quick relase coupling BSP

Coupleur rapide à clapet norme ISO B BSP

Innesto rapido a valvula ISO-B BSP - TrΔle®



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6 | 1 | M | **B810104** |
| 3/8" BSP | 10 | 2 | M | **B810106** |
| 1/2" BSP | 13 | 3 | M | **B810108** |
| 3/4" BSP | 19 | 4 | M | **B810112** |
| 1" BSP | 25 | 5 | M | **B810116** |
| 1/4" BSP | 6 | 1 | F | **B810204** |
| 3/8" BSP | 10 | 2 | F | **B810206** |
| 1/2" BSP | 13 | 3 | F | **B810208** |
| 3/4" BSP | 19 | 4 | F | **B810212** |
| 1" BSP | 25 | 5 | F | **B810216** |

## E.R. Punzón Serie NV BSP

Quick relase coupling NV Serie BSP

Coupleur rapide à clapet Serie NV BSP

Innesto rapido a valvula Serie NV BSP - TrΔle®



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | **B820104** |
| 3/8" BSP | 10 | 2 | M | **B820106** |
| 3/4" BSP | 20 | 4 | M | **B820112** |
| 1" BSP | 25 | 5 | M | **B820116** |
| 1/4" BSP | 6,3 | 1 | F | **B820204** |
| 3/8" BSP | 10 | 2 | F | **B820206** |
| 3/4" BSP | 20 | 4 | F | **B820212** |
| 1" BSP | 25 | 5 | F | **B820216** |

## E.R. Punzón ISO A (rosca NPT)

ISO A Quick relase coupling NPT

Coupleur rapide à clapet norme ISO A NPT

Innesto rapido a valvula ISO-A NPT - TrΔle®



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" NPT | 6,3 | 1 | M | **B801104** |
| 3/8" NPT | 10 | 2 | M | **B801106** |
| 1/2" NPT | 12,5 | 3 | M | **B801108** |
| 3/4" NPT | 20 | 4 | M | **B801112** |
| 1" NPT | 25 | 5 | M | **B801116** |
| 1/4" NPT | 6,3 | 1 | F | **B801204** |
| 3/8" NPT | 10 | 2 | F | **B801206** |
| 1/2" NPT | 12,5 | 3 | F | **B801208** |
| 3/4" NPT | 20 | 4 | F | **B801212** |
| 1" NPT | 25 | 5 | F | **B801216** |

## E.R. Válv plana Ecológico BSP ISO 16028

Ecological flat face coupling BSP ISO 16028

Coupleur rapide à clapet face plane "Ecologique" BSP ISO 16028

Innesto rapido a faccia piana BSP ISO16028 - TrΔle®



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/4" BSP | 6 | 1 | M | **B900104** |
| 3/8" BSP | 10 | 2 | M | **B900106** |
| 1/2" BSP | 12 | 3 | M | **B900108** |
| 3/4" BSP | 16 | 4A | M | **B900112** |
| 1" BSP | 19 | 4 | M | **B900116** |
| 1/4" BSP | 6 | 1 | F | **B900204** |
| 3/8" BSP | 10 | 2 | F | **B900206** |
| 1/2" BSP | 12 | 3 | F | **B900208** |
| 3/4" BSP | 16 | 4A | F | **B900212** |
| 1" BSP | 19 | 4 | F | **B900216** |

## Válvulas de frenado BSP

Brake valves BSP

Valves freinage BSP

Valvola di frenaggio BSP - TrΔle®



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M | **B910508** |
| 1/2" BSP | 12,5 | 3 | F | **B910208** |

## E.R. Push-Pull Punzón TrΔle® BSP ISO A

TrΔle® Push-Pull couplings BSP ISO A

Coupleurs Push-Pull TrΔle® BSP ISO A

Innesto Push-Pull ISO-A BSP - TrΔle®



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| 1/2" BSP | 12,5 | 3 | M | **B840108** |
| 1/2" BSP | 12,5 | 3 | F | **B840208** |

# Enchufes rápidos TrΔle®

TrΔle® quick-release couplings
Coupleurs rapides TrΔle®
Innesti rapidi TrΔle®

## Tapones para enchufes rápidos ISO A

Plugs and caps for ISO A quick release couplings

Bouchons et capuchons de plastique pour coupleurs norme ISO A

Tappi per ISO A



| TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | DESCRIPCION<br>DESCRIPTION | E.<br>C. | Referencia<br>Part n° |
|---|---|---|---|---|
| 6,3 | 1 | PLUG | F | **B990104** |
| 10 | 2 | PLUG | F | **B990106** |
| 12,5 | 3 | PLUG | F | **B990108** |
| 20 | 4 | PLUG | F | **B990112** |
| 25 | 5 | PLUG | F | **B990116** |
| 6,3 | 1 | CAP | M | **B990204** |
| 10 | 2 | CAP | M | **B990206** |
| 12,5 | 3 | CAP | M | **B990208** |
| 20 | 4 | CAP | M | **B990212** |
| 25 | 5 | CAP | M | **B990216** |

## Tapones para enchufes rápidos ISO B

Plugs and caps for ISO B quick release couplings

Bouchons et capuchons de plastique pour coupleurs norme ISO B

Tappi per ISO B



| TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | DESCRIPCION<br>DESCRIPTION | E.<br>C. | Referencia<br>Part n° |
|---|---|---|---|---|
| 6,3 | 1 | PLUG | F | **B991104** |
| 10 | 2 | PLUG | F | **B991106** |
| 12,5 | 3 | PLUG | F | **B991108** |
| 20 | 4 | PLUG | F | **B991112** |
| 25 | 5 | PLUG | F | **B991116** |
| 6,3 | 1 | CAP | M | **B991204** |
| 10 | 2 | CAP | M | **B991206** |
| 12,5 | 3 | CAP | M | **B991208** |
| 20 | 4 | CAP | M | **B991212** |
| 25 | 5 | CAP | M | **B991216** |

# Enchufes rápidos TrΔle® GREENLINE

GreenLine quick-release couplings
Coupleurs rapides GreenLine
Innesti rapidi GreenLine

## E.R. Punzón ISO A

ISO A Quick release coupling

Coupler rapide á clapet norme ISO A

Innesto rapido a valvola ISO-A BSP - GreenLine



| ROSCA<br>THREAD | TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | E.<br>C. | | Referencia<br>Part n° |
|---|---|---|---|---|---|
| 1/4" BSP | 6,3 | 1 | M | | **C800104** |
| 3/8" BSP | 10 | 2 | M | | **C800106** |
| 1/2" BSP | 12,5 | 3 | M | | **C800108** |
| 3/4" BSP | 20 | 4 | M | | **C800112** |
| 1" BSP | 25 | 5 | M | NEW | **C800116** |
| 1/4" BSP | 6,3 | 1 | H | | **C800204** |
| 3/8" BSP | 10 | 2 | H | | **C800206** |
| 1/2" BSP | 12,5 | 3 | H | | **C800208** |
| 3/4" BSP | 20 | 4 | H | | **C800212** |
| 1" BSP | 25 | 5 | H | NEW | **C800216** |

## Juntas de reparación e.r. ISO A

Seals to repair for ISO A quick release coupling

Joints pour coupleur ISO A

Guarnizioni per innesto ISO-A GreenLine



| TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | Referencia<br>Part n° |
|---|---|---|
| 6,3 | 1 | **JAGNBR04** |
| 10 | 2 | **JAGNBR06** |
| 12,5 | 3 | **JAGNBR08** |
| 20 | 4 | **JAGNBR12** |

## Arandelas PTFE

PTFE seals

Rondelles PTFE

Guarnizione in PTFE - Greenline



| TAMAÑO ISO<br>ISO SIZE | TAMAÑO BG<br>BG SIZE | Referencia<br>Part n° |
|---|---|---|
| 6,3 | 1 | **JAGPTFE04** |
| 10 | 2 | **JAGPTFE06** |
| 12,5 | 3 | **JAGPTFE08** |
| 20 | 4 | **JAGPTFE12** |

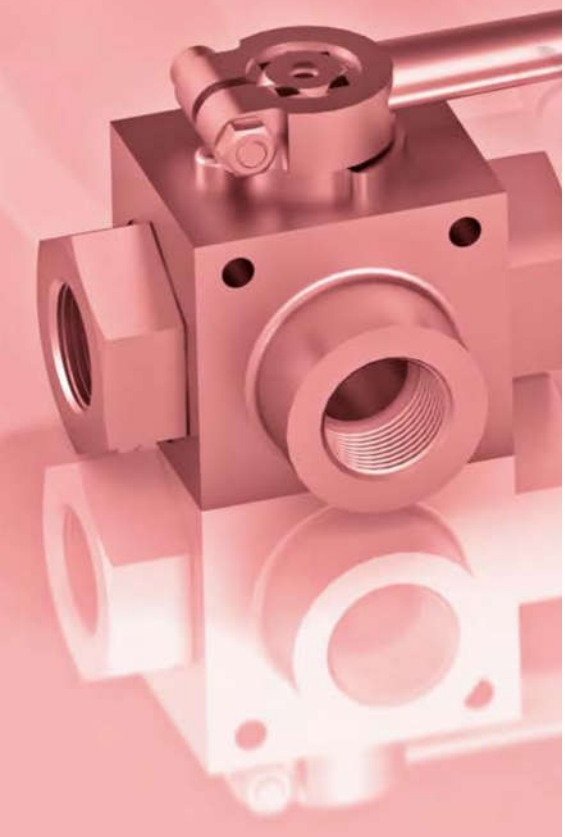
**Llaves de paso alta presión MHA** 340
MHA Ball valves high pressure
Robinets haute pression MHA
Rubinetti a sfera alta pressione MHA

**Llaves de paso baja presión** 344
Low pressure Ball valves
Robinets Basse pression
Rubinetti Bassa pressione

**Llaves de paso alta presión TrΔle®** 345
TrΔle® Ball Valves
Robinets TrΔle® haute pression
Rubinetti a sfera TrΔle®

**Llaves de paso TrΔle® GREENLINE** 346
TrΔle® GREENLINE Ball valves
Robinets TrΔle® GREENLINE
Rubinetti TrΔle® GREENLINE





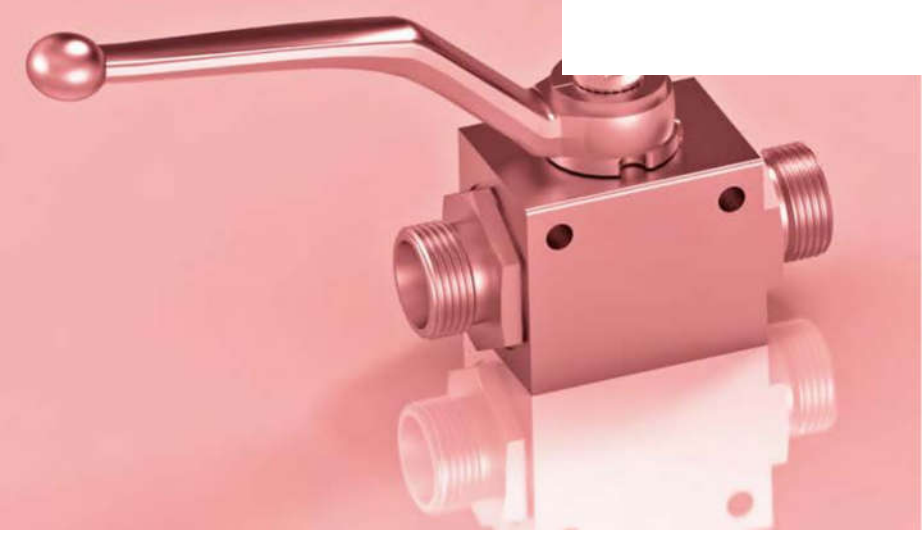
# 03

# LLAVES DE PASO

Ball valves

Robinets

Rubinetti



# Llaves de paso alta presión MHA

MHA Ball valves high pressure
Robinets haute pression MHA
Rubinetti a sfera alta pressione MHA

De 2 vías ▪ 2 Ways ball valve ▪ Robinets haute pression 2 voies ▪ Rubinetti a sfera 2 vie | 340



BKH G BKH L BKH S BKH G NPT BKH L DN BKH S DN BKH G DN

De 3 vías ▪ 3 Ways ball valve ▪ Robinets haute pression 3 voies ▪ Rubinetti a sfera 3 vie | 341



BK3 G 3KH G BK3 GT BK3 NPT

De 4 vías ▪ 4 Ways ball valve ▪ Robinets haute pression 4 voies ▪ Rubinetti a sfera 4 vie | 341



4KH G

Útil para cierre con candado ▪ Locking devices ▪ Dispositifs de verrouillage ▪ Dispositivi di blocaggio | 342



CANDT2 CANDT4

Llaves especiales y complementos ▪ Special ball valves and accessories ▪ Robinets spéciaux et compléments ▪ Rubinetti speciali e accessori | 342



A60013/LR

# Llaves de paso baja presión

Low pressure Ball valves
Robinets Basse pression
Rubinetti Bassa pressione

Llave de esfera baja presión ▪ 2 Ways ball valve low pressure ▪ Robinet basse pression 2 voies boisseau sphérique pn 16/25 ▪ Rubinetto a sfera bassa pressione | 344



BP2V

Llave de esfera baja presión anti-hielo ▪ 2 Ways anti.-freeze ball valve low pressure ▪ Robinet basse pression 2 voies boisseau sphérique pn 25 anti-gel ▪ Rubinetto a sfera, anti-gelo | 344



BP2VA

# Llaves de paso alta presión TrΔle®

TrΔle® Ball Valves
Robinets TrΔle® haute pression
Rubinetti a sfera TrΔle®

De 2 vías ▪ 2 ways ▪ 2 voies ▪ Due vie | 345



GB2V



GB2V_NPT



GB2V_L



GB2V_S

De 3 vías ▪ 3 ways ▪ 3 voies ▪ Tre vie | 345



GB3V



GB3VH

# Llaves de paso TrΔle® GREENLINE

TrΔle® GREENLINE Ball valves
Robinets TrΔle® GREENLINE
Rubinetti TrΔle® GREENLINE

Llaves paso dos vías ▪ 2 Ways ball valve ▪ Robinet 2 voies boisseau ▪ Rubinetto a due vie | 346



BV2W

Llaves paso tres vías ▪ 3 Ways ball valve ▪ Robinet 3 voies boisseau ▪ Rubinetto a tre vie | 346



BV3W



BV3WH

# Llaves de paso alta presión MHA

MHA Ball valves high pressure
Robinets haute pression MHA
Rubinetti a sfera alta pressione MHA

## Llave 2 vías rosca hembra BSP

2 Ways ball valve BSP female

Robinet haute pression 2 voies boisseau sphérique BSP

Rubinetto a sfera 2 vie femmina BSP



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 | 1/8" BSP | **BKH G 1/8** |
| 6 | 1/4" BSP | **BKH G 1/4** |
| 10 | 3/8" BSP | **BKH G 3/8** |
| 13 | 1/2" BSP | **BKH G 1/2** |
| 20 | 3/4" BSP | **BKH G 3/4** |
| 25 | 1" BSP | **BKH G 1** |
| 25 | 1"1/4 BSP | **BKH G 1 1/4 DN25** |
| 25 | 1"1/2 BSP | **BKH G 1 1/2 DN25** |

**Orificios de fijación incluidos desde 1/8" BSP hasta 1" BSP** / *Fixation holes included from 1/8" B* ous
*de fixation inclus depuis 1/8" BSP jusqu'à 1"BSP / Fori di fissaggio inclusi da 1/8" BSP fino a 1" BSP*

## Llave 2 vías tubo rígido Serie Ligera

2 Ways ball valve: tube connection Light Series

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide DIN Série Légère

Rubinetto a sfera 2 vie maschio DIN 2353-L



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 4 | 6L | M12x1.5 | **BKH 6 L** |
| 6 | 8L | M14x1.5 | **BKH 8 L** |
| 8 | 10L | M16x1.5 | **BKH 10 L** |
| 10 | 12L | M18x1.5 | **BKH 12 L** |
| 13 | 15L | M22x1.5 | **BKH 15 L** |
| 16 | 18L | M26x1.5 | **BKH 18 L** |
| 20 | 22L | M30x2 | **BKH 22 L** |
| 25 | 28L | M36x2 | **BKH 28 L** |
| 25/40 | 42L | M52x2 | **BKH 42 L** |

## Llave 2 vías tubo rígido Serie Pesada

2 Ways ball valve: tube connection Heavy Series

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide din Série Lourde

Rubinetto a sfera 2 vie maschio DIN 2353-S



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 4 | 8S | M16x1.5 | **BKH 8 S** |
| 6 | 10S | M18x1.5 | **BKH 10 S** |
| 8 | 12S | M20x1.5 | **BKH 12 S** |
| 10 | 14S | M22x1.5 | **BKH 14 S** |
| 13 | 16S | M24x1.5 | **BKH 16 S** |
| 16 | 20S | M30x2 | **BKH 20 S** |
| 13 | 20S | M30x2 | **BKH 20 S DN13** |
| 20 | 25S | M36x2 | **BKH 25 S** |
| 25 | 30S | M42x2 | **BKH 30 S** |

## Llave 2 vías rosca hembra NPT

2 Ways ball valve NPT female

Robinet haute pression 2 voies boisseau sphérique sortie femelle briggs (NPT)

Rubinetto a sfera 2 vie femmina NPT



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 1/4" NPT | **BKH G 1/4 NPT** |
| 10 | 3/8" NPT | **BKH G 3/8 NPT** |
| 13 | 1/2" NPT | **BKH G 1/2 NPT** |
| 20 | 3/4" NPT | **BKH G 3/4 NPT** |
| 25 | 1" NPT | **BKH G 1 NPT** |
| 25 | 1"1/4 NPT | **BKH G 1 1/4 NPT** |
| 25 | 1"1/2 NPT | **BKH G 1 1/2 NPT** |
| 50 | 2" NPT | **BKH G 2 NPT** |

## Llave 2 vías tubo rígido L paso total

Ball-valves: tube conecction L serie DIN 2353 full bore

Robinets haute pression 2 voies boisseau sphérique femelle ISO 228

Rubinetto a sfera maschio DIN2353-L passaggio totale



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 32 | 35L | M45X2 | **BKH 35 L DN32** |
| 40 | 40L | M52x2 | **BKH 42 L DN40** |

## Llave 2 vías tubo rígido S paso total

Ball-valves: tube conecction S serie DIN 2353 full bore

Robinets haute pression 2 voies boisseau sphérique métrique Série Lourde passage total

Rubinetto a sfera maschio DIN2353-S passaggio totale



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 32 | 38S | M52x2 | **BKH 38 S DN32** |

## Llave de paso BSP hembra ISO 228 paso total

Ball-valves BSP female ISO 228

Robinets haute pression 2 voies boisseau sphérique femelle ISO 228

Rubinetto a sfera 2 vie femmina BSP ISO228 passaggio totale



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 32 | 1"1/4 BSP | **BKH G 1 1/4 DN32** |
| 40 | 1"1/2 BSP | **BKH G 1 1/2 DN40** |
| 50 | 2" BSP | **BKH G 2 DN50** |

# Llaves de paso alta presión MHA

MHA Ball valves high pressure
Robinets haute pression MHA
Rubinetti a sfera alta pressione MHA

## Llave 3 vías hembra-hembra-hembra BSP (Tipo L)

3 Ways ball valve BSP female-female-female (Type L)

Robinet haute pression 3 voies série "L" boisseau sphérique femelle-femelle-femelle BSP

Rubinetto a sfera 3 vie femmina BSP (tipo L)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 1/4" BSP | **BK3 G 1/4** |
| 10 | 3/8" BSP | **BK3 G 3/8** |
| 13 | 1/2" BSP | **BK3 G 1/2** |
| 20 | 3/4" BSP | **BK3 G 3/4** |
| 25 | 1" BSP | **BK3 G 1** |

**La entrada del caudal es solamente por la vía central** / *The input flow is only through the ce* ée du débit est seulement par la voie centrale / *L'ingresso al flusso è solo la linea centrale*

## Llave 3 vías hembra multivía (Tipo L)

Multi-way ball valves female 3 ways (Type L)

Robinet haute pression 3 voies série "L" boisseau sphérique femelle gaz

Rubinetto a sfera 3 vie femmina BSP (tipo L) - multivia



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 | 1/8" BSP | **3KH G 1/8** |
| 6 | 1/4" BSP | **3KH G 1/4** |
| 10 | 3/8" BSP | **3KH G 3/8** |
| 13 | 1/2" BSP | **3KH G 1/2** |
| 20 | 3/4" BSP | **3KH G 3/4** |
| 25 | 1" BSP | **3KH G 1** |
| 25/32 | 1"1/4 BSP | **3KH G 1 1/4** |
| 25/40 | 1"1/2 BSP | **3KH G 1 1/2** |

**La entrada del caudal puede ser por cualquiera de las 3 vías** / *The input flow can be do e 3 ways* / L'entrée du débit peut être par l'un des 3 voies / *Il flusso in ingresso può essere da qualsiasi dei 3 vie*

## Llave 3 vías hembra-hembra-hembra BSP (Tipo T)

3 Ways ball valve BSP female-female-female (Type T)

Robinet haute pression 3 voies série "T" boisseau sphérique femelle-femelle-femelle BSP

Rubinetto a sfera 3 vie femmina BSP (tipo T)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 1/4 ' BSP | **BK3 G 1/4 T** |
| 10 | 3/8" BSP | **BK3 G 3/8 T** |
| 13 | 1/2" BSP | **BK3 G 1/2 T** |
| 20 | 3/4" BSP | **BK3 G 3/4 T** |
| 25 | 1" BSP | **BK3 G 1 T** |

**La entrada del caudal es solamente por la vía central** / *The input flow is only through th* ée du débit est seulement par la voie centrale / *L'ingresso al flusso è solo la linea centrale*

## Llave 3 vías hembra-hembra-hembra NPT (Tipo L)

3 Ways ball valve NPT female-female-female (Type L)

Robinet haute pression 3 voies série "L" boisseau sphérique femelle-femelle-femelle NPT

Rubinetto a sfera 3 vie femmina NPT (tipo L)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 13 | 1/4" NPT | **BK3 1/4 NPT** |
| 25 | 3/8" NPT | **BK3 3/8 NPT** |
| 10 | 1/2" NPT | **BK3 1/2 NPT** |
| 20 | 3/4" NPT | **BK3 3/4 NPT** |
| 6 | 1" NPT | **BK3 1 NPT** |

## Llave 4 vías rosca hembra BSP (Tipo X)

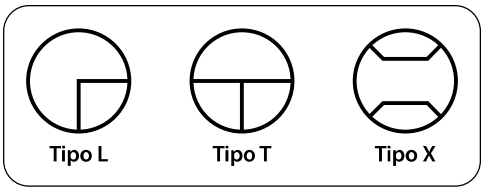
Multi-way ball valves female 4 ways (Type X)

Robinet haute pression 4 voies série "X" boisseau sphérique femelle gaz

Rubinetto 4 vie femmina BSP (Tipo X)



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 | 1/8" BSP | **4KH G 1/8** |
| 6 | 1/4" BSP | **4KH G 1/4** |
| 10 | 3/8" BSP | **4KH G 3/8** |
| 13 | 1/2" BSP | **4KH G 1/2** |
| 20 | 3/4" BSP | **4KH G 3/4** |
| 25 | 1" BSP | **4KH G 1** |
| 25/32 | 1"1/4 BSP | **4KH G 1 1/4** |
| 25/40 | 1"1/2 BSP | **4KH G 1 1/2** |



# Llaves de paso alta presión MHA

MHA Ball valves high pressure
Robinets haute pression MHA
Rubinetti a sfera alta pressione MHA

## Útil para cierre con candado tipo 2

Locking devices type 2

Dispositifs de verrouillage type 2

Dispositivo di bloccaggio tipo 2



| DESCRIPCION<br>DESCRIPTION | Referencia<br>Part n° |
|---|---|
| hex.9, DN4-8 | **CANDT2-9A** |
| hex.9, DN10-13 | **CANDT2-9B** |
| hex.14, DN20-25 | **CANDT2-14** |

## Útil para cierre con candado tipo 4

Locking devices type 4

Dispositifs de verrouillage type 4

Dispositivo di bloccaggio tipo 4



| DESCRIPCION<br>DESCRIPTION | Referencia<br>Part n° |
|---|---|
| Hex.9 | **CANDT4-9** |
| Hex.14 | **CANDT4-14** |

## Manetas para llaves

Levers for ball valves

Leviers pour robinets

Manopole per rubinetti a sfera



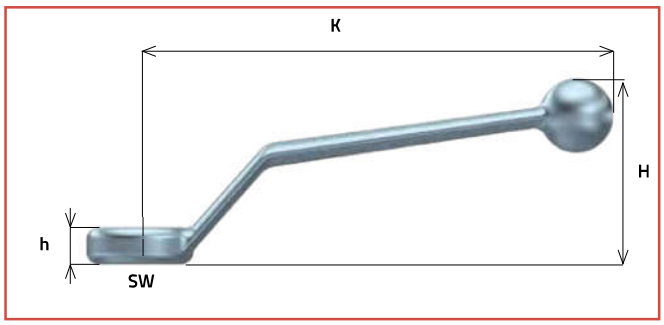
| SW | Referencia<br>Part n° |
|---|---|
| 9 | **AR603722** |
| 9 | **C600063** |
| 9 | **A60013155330** |
| 12 | **L501741** |
| 14 | **A60013155331** |
| 14 | **C708618** |
| 14 | **LR606745** |
| 17 | **LR801799** |

**Ver tabla de dimensiones en pág 343** / *See dimension table in page 343* / Voir tab 343 /
*Vedere tabella di dimensioni a pagina 343*

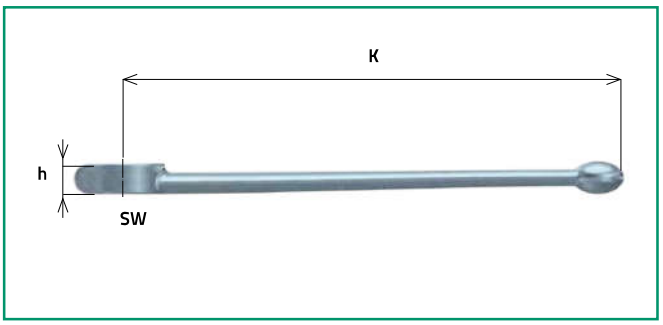
# Llaves de paso alta presión MHA

MHA Ball valves high pressure
Robinets haute pression MHA
Rubinetti a sfera alta pressione MHA

■ Manetas 1
Handles for ball-valves
Leviers pour robinets
Maniglia




■ Manetas 2
Handles for ball-valves
Leviers pour robinets
Maniglia




| | SW | Zinc<br>*Zinc*<br>Zinco<br>*Zinc* | | | | | | Aluminio<br>*Aluminum*<br>Allumino<br>*Aluminium* | | | INOX/SS316L | | | Acero<br>*Steel*<br>Acier<br>*Acciaio* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Serie BSP**<br>⅛ - ¼ - ⅜ - ½ - ⅝ | 9 | A60013155330* (1) | | | AR603722* | | | | | | Z60013155330 * | | | C600063* | | |
| **Serie DIN**<br>6 - 8 - 10 - 12 - 14 - 15 - 16 | | H | J | K | H | J | K | | | | H | J | K | H | J | K |
| | | 45 | 8.7 | 155 | - | 10 | 155 | | | | 45 | 8.7 | 155 | 47 | 9 | 155 |
| **Serie BSP**<br>⅝ | 12 | | | | | | | L501741* (1) | | | | | | | | |
| **Serie DIN**<br>18 | | | | | | | | H | J | K | | | | | | |
| | | | | | | | | 55 | 12 | 160 | | | | | | |
| **Serie BSP**<br>¾ - 1 - 1 ¼ | 14 | A60013155331* (1) | | | | | | LR606745 * | | | Z60013155331* | | | C708618* | | |
| **Serie DIN**<br>22 - 25 - 28 - 30 - 35 - 38 | | H | J | K | | | | H | J | K | H | J | K | H | J | K |
| | | - | 13 | 200 | | | | - | 12 | 200 | - | 13 | 200 | 64 | 12 | 171 |
| **Serie BSP**<br>1 ¼ - 1 ½ - 2 | 17 | | | | | | | LR801799* (1) | | | Z60013155332* | | | | | |
| **Serie DIN 3**<br>3-5 - 38 - 42 | | | | | | | | H | J | K | H | J | K | | | |
| | | | | | | | | - | 16 | 320 | - | 15 | 90 | | | |

■ Las llaves se suministran con maneta de zinc o aluminio
Handles for ball-valves are supplied with zinc or aluminum
Leviers pour robinets sont fournies avec une poignée en zinc ou en aluminium
Maniglia sono fornite con manico in zinco o alluminio

(1) Maneta sumistrada junto a la llave / Handles are supplied for ball-valves / Leviers sont fournies pour robinets / Maniglia sono fornite con manico

* € **Consultar** / *On request / Sur demande / Su richiesta*

# Llaves de paso baja presión

Low pressure Ball valves
Robinets Basse pression
Rubinetti Bassa pressione

## Llave de esfera baja presión

2 Ways ball valve low pressure

Robinet basse pression 2 voies boisseau sphérique pn 16/25

Rubinetto a sfera bassa pressione



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 10 | 1/4" BSP | **BP2V14** |
| 10 | 3/8" BSP | **BP2V38** |
| 15 | 1/2" BSP | **BP2V12** |
| 20 | 3/4" BSP | **BP2V34** |
| 25 | 1" BSP | **BP2V1** |
| 32 | 1"1/4 BSP | **BP2V114** |
| 40 | 1"1/2 BSP | **BP2V112** |
| 50 | 2" BSP | **BP2V2** |
| 74 | 3" BSP | **BP2V3** |
| 92 | 4" BSP | **BP2V4** |

## Llave de esfera baja presión anti-hielo

2 Ways anti.-freeze ball valve low pressure

Robinet basse pression 2 voies boisseau sphérique pn 25 anti-gel

Rubinetto a sfera bassa pressione anti-gelo



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 10 | 1/4" BSP | **BP2VA14** |
| 10 | 3/8" BSP | **BP2VA38** |
| 14,5 | 1/2" BSP | **BP2VA12** |
| 19 | 3/4" BSP | **BP2VA34** |
| 24 | 1" BSP | **BP2VA1** |
| 30 | 1"1/4 BSP | **BP2VA114** |
| 37 | 1"1/2 BSP | **BP2VA112** |
| 47 | 2" BSP | **BP2VA2** |
| 59 | 2"1/2 BSP | **BP2VA212** |
| 70 | 3" BSP | **BP2VA3** |
| 85,5 | 4" BSP | **BP2VA4** |

TrΔle®

# Llaves de paso alta presión TrΔle®

TrΔle® Ball Valves
Robinets TrΔle® haute pression
Rubinetti a sfera TrΔle®



## Llaves 2 vías hembra BSP con agujeros

2 Ways ball valve BSP female with holes

Robinet 2 voies boisseau sphérique BSP avec trous de fixation

Rubinetto a sfera F-F BSP con fori di fissaggio -TrΔle®



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 1/4" BSP | **GB2V 1/4** |
| 10 | 3/8" BSP | **GB2V 3/8** |
| 13 | 1/2" BSP | **GB2V 1/2** |
| 20 | 3/4" BSP | **GB2V 3/4** |
| 25 | 1" BSP | **GB2V 1** |

## Llaves 2 vías rosca hembra NPT

2 Ways ball valve NPT female

Robinet 2 voies boisseau sphérique sortie femelle briggs (NPT)

Rubinetto a sfera F-F NPT -TrΔle®



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 1/4" NPT | **GB2V 1/4 NPT** |
| 10 | 3/8" NPT | **GB2V 3/8 NPT** |
| 20 | 3/4" NPT | **GB2V 3/4 NPT** |
| 13 | 1/2" NPT | **GB2V 1/2 NPT** |
| 25 | 1" NPT | **GB2V 1 NPT** |

## Llaves 2 vías tubo rígido Serie Ligera

2 Ways ball valve: tube connection Light Serie

Robinet 2 voies boisseau sphérique sortie pour tube rigide DIN Série Légère

Rubinetto a sfera maschio DIN 2353 Serie L - TrΔle®



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 | 6L | M12x1.5 | **GB2V 6 L** |
| 6 | 8L | M14x1.5 | **GB2V 8 L** |
| 8 | 10L | M16x1.5 | **GB2V 10 L** |
| 10 | 12L | M18x1.5 | **GB2V 12 L** |
| 13 | 15L | M22x1.5 | **GB2V 15 L** |
| 13 | 18L | M26x1.5 | **GB2V 18 L** |
| 20 | 22L | M30x2 | **GB2V 22 L** |
| 25 | 28L | M36x2 | **GB2V 28 L** |

## Llaves 2 vías tubo rígido Serie Pesada

2 Ways ball valve: tube connection Heavy Serie

Robinet 2 voies boisseau sphérique sortie pour tube rigide DIN Série Lourde

Rubinetto a sfera maschio DIN 2353 Serie S - TrΔle®



| DN | TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 4 | 8S | M16x1.5 | **GB2V 8 S** |
| 8 | 12S | M20x1.5 | **GB2V 12 S** |
| 13 | 16S | M24x1.5 | **GB2V 16 S** |
| 16 | 20S | M30x2 | **GB2V 20 S** |
| 20 | 25S | M36x2 | **GB2V 25 S** |
| 25 | 30S | M42x2 | **GB2V 30 S** |

## Llaves paso 3 vías hembra-macho(60°)-hembra (tipo L)

3 Ways ball valve female-male(60°)-female (L type)

Robinet 3 voies femelle-mâle (60°)-femelle (type L)

Rubinetto a sfera 3 vie F-M-F (tipo L) - TrΔle®



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 1/4" BSP | **GB3V 1/4** |
| 10 | 3/8" BSP | **GB3V 3/8** |
| 13 | 1/2" BSP | **GB3V 1/2** |
| 20 | 3/4" BSP | **GB3V 3/4** |
| 25 | 1" BSP | **GB3V 1** |

## Llaves paso 3 vias hembra-hembra-hembra (tipo L)

3 Ways ball valve female-female-female (L type )

Robinet 3 voies femelle-femelle-femelle (type L)

Rubinetto a sfera 3 vie femmina BSP tipo L - TrΔle®



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 | 1/4" BSP | **GB3VH 1/4** |
| 10 | 3/8" BSP | **GB3VH 3/8** |
| 13 | 1/2" BSP | **GB3VH 1/2** |
| 20 | 3/4" BSP | **GB3VH 3/4** |
| 25 | 1" BSP | **GB3VH 1** |

# Llaves de paso TrΔle® GREENLINE

TrΔle® GREENLINE Ball valves
Robinets TrΔle® GREENLINE
Rubinetti TrΔle® GREENLINE

## Llaves paso dos vías hembra BSP con agujeros

2 Ways ball valve BSP female with holes

Robinet 2 voies boisseau sphérique BSP avec trous de fixation

Rubinetto a sfera 2 vie F-F con fori di fissaggio - GreenLine



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 10 | 3/8" BSP | **BV2W3/8** |
| 13 | 1/2" BSP | **BV2W1/2** |

## Llaves paso 3 vías hembra-macho-hembra (Tipo L)

3 Ways ball valve female-male-female.(Type L)

Robinet 3 voies femelle-mâle-femelle (Série L)

Rubinetto a sfera 3 vie F-M-F tipo L - GreenLine



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 10 | 3/8" BSP | **BV3W3/8** |
| 13 | 1/2" BSP | **BV3W1/2** |

## Llaves paso 3 vías hembra-hembra-hembra

3 Ways ball valve female-female-female.

Robinet 3 voies femelle-femelle-femelle

Rubinetto a sfera 3 vie femmina BSP - GreenLine



| DN | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 10 | 3/8" BSP | **BV3WH3/8** |
| 13 | 1/2" BSP | **BV3WH1/2** |

# Desviadores manuales 351

Diverters manual
Déviateurs manuels
Deviatori di flusso manuali



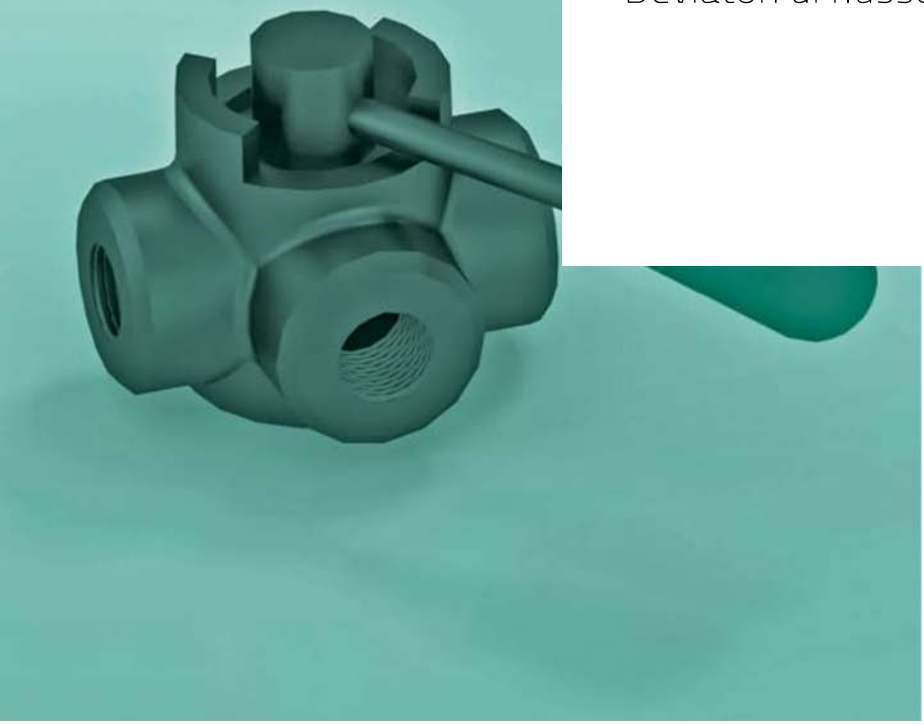
# 04

# DESVIADORES

Diverters

Déviateurs

Deviatori di flusso



# Desviadores manuales

Diverters manual
Déviateurs manuels
Deviatori di flusso manuali

De 3 vías ▪ 3 Way ▪ 3 voies ▪ 3 vie | 351



D3V



D3VAP



D3V...CC

De 4 vías ▪ 4 Way ▪ 4 voies ▪ 4 vie | 351



D4V

De 6 vías ▪ 6 Way ▪ 6 voies ▪ 6 vie | 351



D6V



D6VAP

# Desviadores manuales

Diverters manual
Déviateurs manuels
Deviatori di flusso manuali

## Desviador de 3 vías rosca hembra BSP

3 Way diverter BSP female

Déviateur manuel 3 voies femelle BSP

Deviatore di flusso 3 vie femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | **D3V14** |
| 3/8" BSP | **D3V38** |
| 1/2" BSP | **D3V12** |
| 3/4" BSP | **D3V34** |
| 1" BSP | **D3V10** |

## Desviador 3 vías alta presión (400 bar)

High pressure 3 way flow diverter (400 bar))

Déviateur manuel 3 voies haute pression (400 bar)

Deviatore di flusso 3 vie alta pressione (400 bar)



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 3/8" BSP | **D3VAP38** |
| 1/2" BSP | **D3VAP12** |
| 3/4" BSP | **D3VAP34** |

## Desviador de 3 vías centros cerrados

3 Way closed centers diverter

Déviateur manuel 3 voies centres fermés

Deviatore di flusso 3 vie femmina centri chiusi



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 3/8" BSP | **D3V38CC** |
| 1/2" BSP | **D3V12CC** |
| 3/4" BSP | **D3V34CC** |

## Desviador de 4 vías

4 Way diverter BSP female

Déviateur manuel 4 voies femelle BSP

Deviatore di flusso 4 vie femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | **D4V14** |
| 3/8" BSP | **D4V38** |
| 1/2" BSP | **D4V12** |
| 3/4" BSP | **D4V34** |

## Desviador de 6 vías

6 Way diverter BSP female

Déviateur manuel 6 voies femelle BSP

Deviatore di flusso 6 vie femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | **D6V14** |
| 3/8"BSP | **D6V38** |
| 1/2"BSP | **D6V12** |
| 3/4" BSP | **D6V34** |

## Desviador 6 vías alta presión (400 bar)

High pressure 6 way flow diverter (400 bar)

Déviateur manuel 6 voies haute pression (400 bar)

Deviatore di flusso 6 vie alta pressione (400 bar)



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 3/8" BSP | **D6VAP38** |
| 1/2" BSP | **D6VAP12** |
| 3/4" BSP | **D6VAP34** |

**Racores giratorios Serie Italiana** 356
Italian series Swivel fittings
Raccords tournants série Italienne
Giunti girevoli serie italianaGiunti girevoli serie italiana

**Racores giratorios Serie TrΔIe®** 357
TrΔIe® series Swivel fittings
Raccords tournants série TrΔIe®
Giunti girevoli TrΔIe®



05

# RACORES GIRATORIOS

Swivel fittings

Raccords tournants

Raccordi girevoli

# Racores giratorios Serie Italiana

Italian series Swivel fittings
Raccords tournants série Italienne
Giunti girevoli serie italianaGiunti girevoli serie italiana

Racor giratorio BSP ▪ Swivel fitting BSP ▪ Raccord tournant BSP ▪ Giunto girevole BSP | 356



GGL GG90

Racor giratorio NPT ▪ Swivel fitting NPT ▪ Raccord tournantNPT ▪ Giunto girevole NPT | 356



GGL...NPT GG90...NPT

# Racores giratorios Serie TrΔle®

TrΔle® series Swivel fittings
Raccords tournants série TrΔle®
Giunti girevoli TrΔle®



Racores giratorios BSP ▪ Swivel fitting BSP ▪ Raccord tournant BSP ▪ Giunto girevole BSP | 357



RGR RG90

# Racores giratorios Serie Italiana

Italian series Swivel fittings
Raccords tournants série Italienne
Giunti girevoli serie italianaGiunti girevoli serie italiana

## Racor giratorio recto BSP

Straight swivel fittings BSP

Raccord tournant droit BSP

Giunto girevole BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | GGL 1/4 |
| 3/8" BSP | GGL 3/8 |
| 1/2" BSP | GGL 1/2 |
| 3/4" BSP | GGL 3/4 |
| 1" BSP | GGL 1 |
| 1"1/4 BSP | GGL 1 1/4 |
| 1"1/2 BSP | GGL 1 1/2 |
| 2" BSP | GGL 2 |

## Racor giratorio 90° BSP

Elbow 90° swivel fitting BSP

Raccord tournant coude 90° BSP

Giunto girevole a 90° BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" BSP | GG90 1/4 |
| 3/8" BSP | GG90 3/8 |
| 1/2" BSP | GG90 1/2 |
| 3/4" BSP | GG90 3/4 |
| 1" BSP | GG90 1 |
| 1"1/4 BSP | GG90 1 1/4 |
| 1"1/2 BSP | GG90 1 1/2 |
| 2" BSP | GG90 2 |

## Racor giratorio recto NPT

Straight swivel fittings NPT

Raccord tournant droit NPT

Giunto girevole NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | GGL 1/4 NPT |
| 3/8" NPT | GGL 3/8 NPT |
| 1/2" NPT | GGL 1/2 NPT |
| 3/4" NPT | GGL 3/4 NPT |
| 1" NPT | GGL 1 NPT |

## Racor giratorio 90° NPT

Elbow 90° swivel fitting NPT

Raccord tournant coude 90° NPT

Giunto girevole a 90° NPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" NPT | GG90 1/4 NPT |
| 3/8" NPT | GG90 3/8 NPT |
| 1/2" NPT | GG90 1/2 NPT |
| 3/4" NPT | GG90 3/4 NPT |
| 1" NPT | GG90 1 NPT |

# Racores giratorios Serie TrΔle®

TrΔle® series Swivel fittings
Raccords tournants série TrΔle®
Giunti girevoli TrΔle®

## Racores giratorios rectos BSP

BSP Straight Swivel Fittings

Raccord tournant droits BSP

Giunto girevole diritto BSP - TrΔle®



| ROSCA<br>THREAD | Referencia<br>Part n° |
|---|---|
| 1/4" BSP | **RGR 1/4** |
| 3/8" BSP | **RGR 3/8** |
| 1/2" BSP | **RGR 1/2** |
| 3/4" BSP | **RGR 3/4** |
| 1" BSP | **RGR 1** |

## Racores giratorios 90° BSP

Elbow 90° swivel fitting BSP

Raccord tournant coude 90° BSP

Giunto girevole 90° BSP - TrΔle®



| ROSCA<br>THREAD | Referencia<br>Part n° |
|---|---|
| 1/4" BSP | **RG90 1/4** |
| 3/8" BSP | **RG90 3/8** |
| 1/2" BSP | **RG90 1/2** |
| 3/4" BSP | **RG90 3/4** |
| 1" BSP | **RG90 1** |

**SWIVEL FITTINGS UNDER REQUEST**
**RACORES GIRATORIOS BAJO PEDIDO**



# Multienchufe Serie TrΔle® 361

TrΔle® Multi-way coupling
Multi-coupleur TrΔle®
Piastre multi-innesti TrΔle®

# 06

# MULTIENCHUFES

Multi-way couplings

Multi-coupleurs

Piastre multi-innesti



# Multienchufe Serie TrΔle®

TrΔle® Multi-way coupling
Multi-coupleur TrΔle®
Piastre multi-innesti TrΔle®

Multienchufe 4 vías diseño DICSA ▪ Multi-way coupling 4 ways - DICSA design ▪ Multi-coupleur 4 voies - design DICSA ▪ Multinnesti a 4 linee - design DICSA | 361


MEDD44


MEDD_4

Multienchufe 2 vías diseño DICSA ▪ Multi-way coupling 2 ways - DICSA design ▪ Multi-coupleur 2 voies - design DICSA ▪ Multinnesti a 2 linee - design DICSA | 361


MEDD22


MEDD_2

Componentes multienchufe 2 vías/4 vías diseño DICSA ▪ Parts Multi-way coupling 2/4 ways - DICSA design ▪ Pièces multi-coupleur 2/ 4 voies - design DICSA ▪ Elementi per multi innesti a 2 e 4 vie | 361


A930 / A940


MEDD

Multienchufe eléctrico 4 vías diseño DICSA ▪ Electrical Multi-way coupling 4 ways - DICSA design ▪ Multi-coupleur électrique 4 voies - design DICSA ▪ Multinnesti elettrica a 4 linee - design DICSA | 362


MEEDD44

# Multienchufe Serie TrΔle®

TrΔle® Multi-way coupling
Multi-coupleur TrΔle®
Piastre multi-innesti TrΔle®

## Multienchufe 4 vías con enchufes

Multi-way couplings 4 ways with couplings

Multi-coupleur 4 voies avec connecteur

Piastra multi-innesti a 4 linee, con innesti



| E. C. | N° VIAS WAYS NR. | Referencia Part n° |
|---|---|---|
| 4 x F 1/2" BSP | 4 | **MEDD44H08** |

## Partes multienchufe 4 vías

Multi-way couplings 4 ways parts

Éléments Multi-coupleur 4 voies

Elementi multi-innesti a 4 linee



| E. C. | N° VIAS WAYS NR. | Referencia Part n° |
|---|---|---|
| - - - | 4 | **MEDD4S** |
| 4 X F 1/2" BSP | 4 | **MEDDH44H08** |
| 4 X F 1/2" BSP | 4 | **MEDDM44H08** |

## Multienchufe 2 vías con enchufes

Multi-way couplings 2 ways with couplings

Multi-coupleur 2 voies avec connecteur

Piastra multi-innesti a 2 linee, con innesti



| E. C. | N° VIAS WAYS NR. | Referencia Part n° |
|---|---|---|
| 2 x F 1/2" BSP | 2 | **MEDD22H08** |

## Partes multienchufe 2 vías

Multi-way couplings 2 ways parts

Éléments Multi-coupleur 2 voies

Elementi multi-innesti a 2 linee



| E. C. | N° VIAS WAYS NR. | Referencia Part n° |
|---|---|---|
| - - - | 2 | **MEDD2S** |
| 2 X F 1/2" BSP | 2 | **MEDDH22H08** |
| 2 X F 1/2" BSP | 2 | **MEDDM22H08** |

## Enchufes rápidos

Quick-release couplings

Coupleurs rapides

Innesti rapidi



| ROSCA THREAD | TAMAÑO ISO ISO SIZE | TAMAÑO BG BG SIZE | E. C. | Referencia Part n° |
|---|---|---|---|---|
| H 1/2" BSP | 10 | 2 | M | **A930108** |
| H 1/2" BSP | 10 | 2 | H | **A930208** |

## Componentes y repuestos

Spare parts

Piéces Détachées

Ricambi



| E. C. | Referencia Part n° |
|---|---|
| MEDD2, MEDD4 | **SETA MEDD** |
| MEDD2 | **MEDD1802** |
| MEDD4 | **MEDD1804** |

# Multienchufe Serie TrΔle®

TrΔle® Multi-way coupling
Multi-coupleur TrΔle®
Piastre multi-innesti TrΔle®

## Multienchufe eléctrico 4 vías con enchufes

NEW

Electrical Multi-way coupling 4 ways with couplings

Multi-coupleur électrique 4 voies avec connecteur

Multinnesti elettrica a 4 linee con innesti



| E. C. | N° VIAS WAYS NR. | Referencia Part n° | € |
|---|---|---|---|
| 4 X F 1/2" BSP | 4 | MEEDD44H08 | * |

## CONEXIÓN HIDRÁULICA Y ELÉCTRICA

HIDRAULIC & ELECTRIC CONNECTION



**Tapones de plástico** 368
Plastic plugs
Capuchons plastique
Tappi di plastica

**Muelles** 371
Springs
Ressorts
Spirali

**Protecciones textiles** 372
Protections
Protection textile
Protezioni tessili

**Fijaciones de seguridad** 375
Safety fixation
Système de sécurité anti-fouet
Fune di sicurezza





7

# PROTECCIONES

Protections

Protections

Protezioni



# Tapones de plástico

Plastic plugs
Capuchons plastique
Tappi di plastica

Tapones hembra para roscas macho ▪ Female plugs for male thread ▪ Capuchons plastique femelle pour filetage mâle ▪ Tappi femmina per filettature maschio | 368


TFG


TFM


TFU

Tapones para bridas ▪ Plugs for flanges ▪ Capuchons plastique de brides SAE ▪ Tappi per flangia | 368


TS 3000


TS 6000

Tapones macho para roscas hembra ▪ Male plugs for female thread ▪ Bouchons plastique mâle pour filetage femelle ▪ Tappi maschio per filettature femmina | 369


TMG


TMM


TMU

Cinta PTFE ▪ PTFE Tape ▪ Ruban PTFE ▪ Nastro di PTFE | 369


M29990



MS29990

Tapones para latiguillos ▪ Plugs for hoses ▪ Capouchons pour tuyau ▪ Tappi per tubi | 369


LHT

Service Plugs ▪ Service Plugs ▪ Bouchons de service ▪ Spine di servizio | 370


TSP

# Muelles

Springs
Ressorts
Spirali

Muelles de plástico ▪ Plastic springs ▪ Ressorts plastique ▪ Spirali di plastica | 371



AMUELLE P | AMUELLE PR | AMUELLE HDPE | AMUELLE HDPEY

Muelles metálicos ▪ Metallic springs ▪ Ressorts métalliques ▪ Spirali metallica | 371



AMUELLE

# Protecciones textiles

Protections
Protection textile
Protezioni tessili

Protección fibra de vidrio, cerámica y adhesiva ▪ Fiberglass, adhesive tape and ceramic protection ▪ Protection en fibre de verre, adhesive et céramique ▪ Protezione in fibra di vetro, striscia adesiva e ceramica | 372



AVIDRIO | AVIDRIO S | BVIDRIO S | ACERAMICA | AVIDRIO FA | ROVISIVE | AVIDRO SV | CSVIDRIO | JITRAKOR

Protección textil ▪ Protections ▪ Protection textile ▪ Protezioni tessile | 374



GT | ABRAZADERA

# Fijaciones de seguridad

Safety fixation
Système de sécurité anti-fouet
Fune di sicurezza

Elementos de fijación de seguridad ▪ Safety fixation elements ▪ Système de sécurité anti-fouet ▪ Componenti per fune di sicurezza | 375



STOPFUDIN CONF | STOPFUJIC | STOPFUDIN OPEN | STOPFUJIC OPEN | STOPFUSAE CONF | STOPFA

# Tapones de plástico

Plastic plugs
Capuchons plastique
Tappi di plastica

## Tapón plástico hembra rosca BSP

Plastic female cap - BSP thread

Bouchons plastique femelle - gaz

Tappo plastica femmina BSP



| ROSCA THREAD | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|
| 1/8" BSP | 100 | **TFG 1/8** |
| 1/4" BSP | 100 | **TFG 1/4** |
| 3/8" BSP | 100 | **TFG 3/8** |
| 1/2" BSP | 100 | **TFG 1/2** |
| 5/8" BSP | 100 | **TFG 5/8** |
| 3/4" BSP | 100 | **TFG 3/4** |
| 1" BSP | 100 | **TFG 1** |
| 1"1/4 BSP | 100 | **TFG 1 1/4** |
| 1"1/2 BSP | 100 | **TFG 1 1/2** |
| 2" BSP | 50 | **TFG 2** |

## Tapón plástico hembra rosca Métrica

Plastic female cap - Metric thread

Bouchons plastique femelle Métriques

Tappo plastica femmina Metrico



| ROSCA THREAD | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|
| M12x1.5 | 100 | **TFM 12X1.5** |
| M14x1.5 | 100 | **TFM 14X1.5** |
| M16x1.5 | 100 | **TFM 16X1.5** |
| M18x1.5 | 100 | **TFM 18X1.5** |
| M20x1.5 | 100 | **TFM 20X1.5** |
| M22x1.5 | 100 | **TFM 22X1.5** |
| M24x1.5 | 100 | **TFM 24X1.5** |
| M26x1.5 | 100 | **TFM 26X1.5** |
| M30x2 | 100 | **TFM 30X2** |
| M36x2 | 100 | **TFM 36X2** |
| M42x2 | 100 | **TFM 42X2** |
| M52x2 | 50 | **TFM 52X2** |

## Tapón plástico hembra rosca UNF/JIC

Plastic female cap - UNF (JIC) thread

Bouchons plastique femelle - JIC-UNF

Tappo plastica femmina UNF/JIC



| ROSCA THREAD | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|
| 7/16" UNF | 100 | **TFU 7/16** |
| 1/2" UNF | 100 | **TFU 1/2** |
| 9/16" UNF | 100 | **TFU 9/16** |
| 3/4" UNF | 100 | **TFU 3/4** |
| 7/8" UNF | 100 | **TFU 7/8** |
| 1"1/16 UNF | 100 | **TFU 1 1/16** |
| 1"5/16 UNF | 100 | **TFU 1 5/16** |
| 1"5/8 UNF | 100 | **TFU 1 5/8** |
| 1"7/8 UNF | 100 | **TFU 1 7/8** |

## Tapón plástico para bridas 3000 PSI

Plastic caps for SAE 3000 PSI flanges

Bouchons plastique de brides SAE 3000 PSI

Tappo de plastica per flangia SAE 3000 PSI



| DN | SERIE SERIES | TAMAÑO SIZE | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|---|
| 30,2 | 3000 PSI | 1/2" | 100 | **TS 3000 1/2** |
| 38,1 | 3000 PSI | 3/4" | 100 | **TS 3000 3/4** |
| 44,5 | 3000 PSI | 1" | 100 | **TS 3000 1** |
| 50,8 | 3000 PSI | 1"1/4 | 100 | **TS 3000 1 1/4** |
| 60,3 | 3000 PSI | 1"1/2 | 100 | **TS 3000 1 1/2** |
| 71,4 | 3000 PSI | 2" | 100 | **TS 3000 2** |

## Tapón plástico para bridas 6000 PSI

Plastic caps for SAE 6000 PSI flanges

Bouchons plastique de brides SAE 6000 PSI

Tappo de plastica per flangia SAE 6000 PSI



| DN | SERIE SERIES | TAMAÑO SIZE | u/ Bolsa u/ Bag | Referencia Part n° |
|---|---|---|---|---|
| 31,8 | 6000 PSI | 1/2" | 100 | **TS 6000 1/2** |
| 41,3 | 6000 PSI | 3/4" | 100 | **TS 6000 3/4** |
| 47,6 | 6000 PSI | 1" | 100 | **TS 6000 1** |
| 54 | 6000 PSI | 1"1/4 | 100 | **TS 6000 1 1/4** |
| 63,5 | 6000 PSI | 1"1/2 | 100 | **TS 6000 1 1/2** |
| 79,4 | 6000 PSI | 2" | 50 | **TS 6000 2** |

# Tapones de plástico

Plastic plugs
Capuchons plastique
Tappi di plastica

## Tapón plástico macho rosca BSP

Plastic male plug for BSP thread

Bouchons plastique mâle - BSP

Tappo plastica maschio BSP



| ROSCA<br>THREAD | u/ Bolsa<br>u/ Bag | Referencia<br>Part n° |
|---|---|---|
| 1/8" BSP | 100 | **TMG 1/8** |
| 1/4" BSP | 100 | **TMG 1/4** |
| 3/8" BSP | 100 | **TMG 3/8** |
| 1/2" BSP | 100 | **TMG 1/2** |
| 5/8" BSP | 100 | **TMG 5/8** |
| 3/4" BSP | 100 | **TMG 3/4** |
| 1" BSP | 100 | **TMG 1** |
| 1"1/4 BSP | 100 | **TMG 1 1/4** |
| 1"1/2 BSP | 50 | **TMG 1 1/2** |
| 2" BSP | 50 | **TMG 2** |

## Tapón plástico macho rosca Métrica

Plastic male plug for Metric thread

Bouchons plastique mâle - Métriques

Tappo plastica maschio Metrico



| ROSCA<br>THREAD | u/ Bolsa<br>u/ Bag | Referencia<br>Part n° |
|---|---|---|
| M12x1.5 | 100 | **TMM 12X1.5** |
| M14x1.5 | 100 | **TMM 14X1.5** |
| M16x1.5 | 100 | **TMM 16X1.5** |
| M18x1.5 | 100 | **TMM 18X1.5** |
| M20x1.5 | 100 | **TMM 20X1.5** |
| M22x1.5 | 100 | **TMM 22X1.5** |
| M24x1.5 | 100 | **TMM 24X1.5** |
| M26x1.5 | 100 | **TMM 26X1.5** |
| M30x2-M30X1.5 | 100 | **TMM 30X2** |
| M36x2 | 100 | **TMM 36X2** |
| M42x2 | 50 | **TMM 42X2** |
| M45x2 | 50 | **TMM 45X2** |
| M52X2 | 50 | **TMM 52X2** |

## Tapón plástico macho rosca UNF/JIC

Plastic male plug for UNF (JIC) thread

Bouchons plastique mâle - JIC-UNF

Tappo plastica maschio UNF/JIC



| ROSCA<br>THREAD | u/ Bolsa<br>u/ Bag | Referencia<br>Part n° |
|---|---|---|
| 7/16" UNF | 100 | **TMU 7/16** |
| 1/2" UNF | 100 | **TMU 1/2** |
| 9/16" UNF | 100 | **TMU 9/16** |
| 3/4" UNF | 100 | **TMU 3/4** |
| 7/8" UNF | 100 | **TMU 7/8** |
| 1"1/16 UNF | 100 | **TMU 1 1/16** |
| 1"5/16 UNF | 100 | **TMU 1 5/16** |
| 1"5/8 UNF | 50 | **TMU 1 5/8** |
| 1"7/8 UNF | 50 | **TMU 1 7/8** |

## Cinta PTFE

PTFE Tape

Ruban PTFE

Nastro di PTFE



| N° rollos<br>N° rolls | Referencia<br>Part n° |
|---|---|
| 10 | **M2999010** |

## Cinta PTFE TrΔle®

TrΔle® PTFE Tape

Ruban PTFE TrΔle®

Nastro di PTFE TrΔle®




| N° rollos<br>N° rolls | Referencia<br>Part n° |
|---|---|
| 10 | **MS2999010** |

## Tapones para latiguillos

Caps for assemblies

Capouchons pour tuyau

Tappi per tubi



| TAMAÑO<br>SIZE | u/ Bolsa<br>u/ Bag | Referencia<br>Part n° |
|---|---|---|
| HEX14 | 100 | **LHT014** |
| HEX16 | 100 | **LHT016** |
| HEX17 | 100 | **LHT017** |
| HEX19 | 100 | **LHT019** |
| HEX22 | 100 | **LHT022** |
| HEX24 | 100 | **LHT024** |
| HEX25 | 100 | **LHT025** |
| HEX27 | 100 | **LHT027** |
| HEX30 | 100 | **LHT030** |
| HEX32 | 100 | **LHT032** |
| HEX36 | 100 | **LHT036** |
| HEX41 | 50 | **LHT041** |
| HEX46 | 50 | **LHT046** |
| HEX50 | 50 | **LHT050** |
| HEX55 | 50 | **LHT055** |
| HEX60 | 25 | **LHT060** |
| HEX65 | 25 | **LHT065** |
| HEX70 | 25 | **LHT070** |
| HEX75 | 25 | **LHT075** |
| HEX80 | 25 | **LHT080** |

# Tapones de plástico

Plastic plugs
Capuchons plastique
Tappi di plastica

TrAle®

## Service Plugs

Service Plugs

Bouchons de service

Tappi per tubi



| TAMAÑO<br>SIZE | Referencia<br>Part n° |
|---|---|
| 1-42mm / 2xS-2xM-2xL | **TSPMIX** |
| 1-10mm / S x 6 | **TSPS** |
| 5-22mm / M x 4 | **TSPM** |
| 13-42mm / L x 4 | **TSPL** |







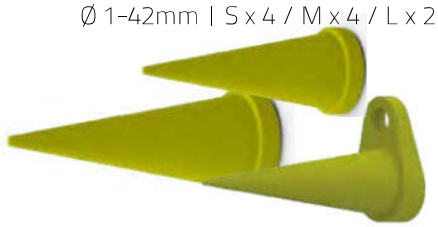






**MIX**

Ø 1-42mm | S x 4 / M x 4 / L x 2 pcs.



**TSPMIX**

**S**

Ø 1-10mm | S x 6 pcs.



**TSPS**

**M**

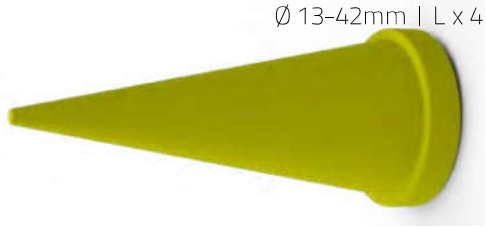
Ø 5-22mm | M x 4 pcs.



**TSPM**

**L**

Ø 13-42mm | L x 4 pcs.



**TSPL**

# Muelles

Springs
Ressorts
Spirali

## Muelle de plástico plano

Flat plastic spring

Ressort plastique plat

Spirale di plastica piatta



| DN | Espesor (mm) Thickness (mm) | PASO ESPIRAL SPIRAL PITCH | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|---|
| 12 | 1 | 8 | 50 | AMUELLE P12 |
| 13 | 1 | 16 | 50 | AMUELLE P13 |
| 15 | 1 | 16 | 50 | AMUELLE P15 |
| 16 | 1 | 16 | 50 | AMUELLE P16 |
| 17 | 1 | 16 | 50 | AMUELLE P17 |
| 18 | 1 | 16 | 50 | AMUELLE P18 |
| 20 | 1 | 16 | 50 | AMUELLE P20 |
| 21 | 1 | 16 | 50 | AMUELLE P21 |
| 22 | 1 | 16 | 50 | AMUELLE P22 |
| 25 | 1 | 16 | 50 | AMUELLE P25 |
| 28 | 1 | 16 | 50 | AMUELLE P28 |
| 30 | 1 | 16 | 50 | AMUELLE P30 |
| 33 | 2 | 16 | 20 | AMUELLE P33 |
| 35 | 2 | 16 | 20 | AMUELLE P35 |
| 38 | 2 | 16 | 20 | AMUELLE P38 |
| 40 | 2 | 16 | 20 | AMUELLE P40 |
| 45 | 2 | 16 | 20 | AMUELLE P45 |
| 48 | 2 | 16 | 20 | AMUELLE P48 |
| 50 | 2 | 16 | 20 | AMUELLE P50 |
| 55 | 2 | 16 | 20 | AMUELLE P55 |
| 60 | 2 | 16 | 20 | AMUELLE P60 |
| 70 | 2 | 16 | 20 | AMUELLE P70 |
| 80 | 2 | 16 | 15 | AMUELLE P80 |

## Muelle de plástico redondo

Round plastic spring

Ressort plastique rond

Spirale di plastica rotonda



| DN | Espesor (mm) Thickness (mm) | PASO ESPIRAL SPIRAL PITCH | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|---|
| 12 – 16 | 1.5 | 12 | 50 | AMUELLE PR12 |
| 16 – 20 | 2 | 16 | 50 | AMUELLE PR16 |
| 20 – 25 | 2.5 | 18 | 50 | AMUELLE PR20 |
| 25 – 30 | 2.5 | 23 | 50 | AMUELLE PR25 |

## Muelle plano PEAD, color negro

HDPE flat spring, black color

Ressort plat en HDPE, couleur noir

Spirale in HDPE, colore nero



| DN | Espesor (mm) Thickness (mm) | PASO ESPIRAL SPIRAL PITCH | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|---|
| 13 | 1.3 | 13 | 25 | AMUELLE HDPE13 |
| 16 | 2 | 13 | 25 | AMUELLE HDPE16 |
| 20 | 2.2 | 20 | 25 | AMUELLE HDPE20 |
| 27 | 2.5 | 24 | 25 | AMUELLE HDPE27 |
| 35 | 2.7 | 24 | 25 | AMUELLE HDPE35 |
| 43 | 3.4 | 30 | 25 | AMUELLE HDPE43 |
| 56 | 3.7 | 37 | 25 | AMUELLE HDPE56 |
| 66 | 4.4 | 42 | 20 | AMUELLE HDPE66 |

## Muelle plano PEAD, color amarillo

HDPE flat spring, yellow color

Ressort plat en HDPE, couleur jaune

Spirale in HDPE, colore giallo



| DN | Espesor (mm) Thickness (mm) | PASO ESPIRAL SPIRAL PITCH | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|---|
| 13 | 1.3 | 13 | 25 | AMUELLE HDPEY13 |
| 16 | 2 | 13 | 25 | AMUELLE HDPEY16 |
| 20 | 2.2 | 20 | 25 | AMUELLE HDPEY20 |
| 27 | 2.5 | 24 | 25 | AMUELLE HDPEY27 |
| 35 | 2.7 | 24 | 25 | AMUELLE HDPEY35 |
| 43 | 3.4 | 30 | 25 | AMUELLE HDPEY43 |
| 56 | 3.7 | 37 | 25 | AMUELLE HDPEY56 |
| 66 | 4.4 | 42 | 20 | AMUELLE HDPEY66 |

## Muelle metálico plano perfil 5x1

Flat metallic spring 5x1

Ressort métallique plat profil 5x1

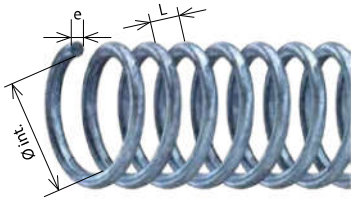
Spirali in metallo piatta 5x1



| DN | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|
| 16 | 4 | AMUELLE16 |
| 18 | 4 | AMUELLE18 |
| 20 | 4 | AMUELLE20 |
| 22 | 4 | AMUELLE22 |
| 24 | 4 | AMUELLE24 |
| 26 | 4 | AMUELLE26 |
| 28 | 4 | AMUELLE28 |
| 30 | 4 | AMUELLE30 |
| 32 | 4 | AMUELLE32 |
| 34 | 4 | AMUELLE34 |
| 38 | 4 | AMUELLE38 |
| 40 | 4 | AMUELLE40 |
| 42 | 4 | AMUELLE42 |
| 47 | 3 | AMUELLE47 |
| 52 | 2 | AMUELLE52 |
| 60 | 1.5 | AMUELLE60 |
| 68 | 1 | AMUELLE68 |
| 72 | 1 | AMUELLE72 |

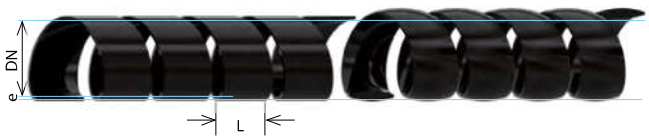
**Podemos suministrar muelles metálicos redondos en acero galvanizado bajo plano. Consúltenos**

*We can supply rounded metallic springs in galvanized steel under drawing. Please, enquire us*




■ AMUELLE

L = PASO ESPIRAL / SPIRAL PITCH
e = ESPESOR / THICKNESS



# Protecciones textiles

Protections
Protection textile
Protezioni tessili

## Tubo de fibra de vidrio

Fibreglass tube

Gaine de fibre de verre

Tubo di fibra di vetro



| Ø INT. MIN. Ø Inner Min. | Ø INT. MAX. Ø Inner Max. | DIÁMETRO (mm) DIAMETER (mm) | Referencia Part n° |
|---|---|---|---|
| 12 | 15 | 15 | AVIDRIO 15 |
| 16 | 18 | 20 | AVIDRIO 20 |
| 18 | 22 | 25 | AVIDRIO 25 |
| 25 | 28 | 30 | AVIDRIO 30 |
| 28 | 32 | 35 | AVIDRIO 35 |
| 30 | 35 | 40 | AVIDRIO 40 |
| 38 | 42 | 45 | AVIDRIO 45 |
| 45 | 48 | 50 | AVIDRIO 50 |
| 48 | 52 | 60 | AVIDRIO 60 |
| 70 | 72 | 75 | AVIDRIO 75 |

## Tubo de fibra de vidrio siliconado

Silicone fibreglass tube

Gaine de fibre de verre siliconée

Tubo di fibra di vetro siliconato



| DN | Referencia Part n° |
|---|---|
| 12 | AVIDRIO S 12 |
| 16 | AVIDRIO S 16 |
| 19 | AVIDRIO S 19 |
| 25 | AVIDRIO S 25 |
| 28 | AVIDRIO S 28 |
| 32 | AVIDRIO S 32 |
| 38 | AVIDRIO S 38 |
| 51 | AVIDRIO S 51 |
| 70 | AVIDRIO S 70 |

## Tubo de fibra de vidrio siliconado serie B

B Series silicone fibreglass tube

Gaine de fibre de verre siliconée Série B

Tubo di fibra di vetro siliconato Serie B



| DN | Referencia Part n° |
|---|---|
| 12 | BVIDRIO S 12 |
| 16 | BVIDRIO S 16 |
| 19 | BVIDRIO S 19 |
| 22 | BVIDRIO S 22 |
| 25 | BVIDRIO S 25 |
| 28 | BVIDRIO S 28 |
| 32 | BVIDRIO S 32 |

## Tubo de fibra cerámica

Ceramic fibre tube

Gaine de fibre de céramique

Tubo in fibra di ceramica



| DN | Referencia Part n° |
|---|---|
| 15 | ACERAMICA 15 |
| 20 | ACERAMICA 20 |
| 25 | ACERAMICA 25 |
| 30 | ACERAMICA 30 |
| 40 | ACERAMICA 40 |
| 50 | ACERAMICA 50 |
| 60 | ACERAMICA 60 |
| 70 | ACERAMICA 70 |

## Tubo de fibra de vidrio saturada

Saturated fibreglass tube

Gaine de fibre de verre saturée

Tubo in fibra di vetro saturato



| Ø INT. MIN. Ø Inner Min. | Ø INT. MAX. Ø Inner Max. | Referencia Part n° |
|---|---|---|
| 1/2" | 3/4" | AVIDRIO FA 08 |
| 5/8" | 1" | AVIDRIO FA 10 |
| 3/4" | 1" 1/4 | AVIDRIO FA 12 |
| 1" | 1"3/4 | AVIDRIO FA 16 |
| 1"1/2 | 2"1/4 | AVIDRIO FA 24 |
| 2"1/2 | 4" | AVIDRIO FA 40 |

## Revestimiento de fibra de vidrio con velcro

Fibreglass with velcro shield

Revêtement de fibre de verre avec velcro

Rivestimento di fibra di vetro con velcro



| DIÁMETRO (mm) DIAMETER (mm) | Referencia Part n° |
|---|---|
| 1"1/2 / 38 | ROVISIVE 24 |
| 2" / 50 | ROVISIVE 32 |
| 2" 3/4 / 70 | ROVISIVE 44 |

**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

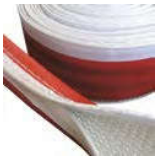
## Revestimiento de fibra de vidrio siliconada con velcro

NEW

Silicone fiberglass lining with velcro

Doublure en fibre de verre silicône avec velcro

Fodera in fibra di vetro siliconata con velcro



| DN | Referencia Part n° |
|---|---|
| 40 | AVIDRIO SV 40 |
| 50 | AVIDRIO SV 50 |
| 70 | AVIDRIO SV 70 |

# Protecciones textiles

Protections
Protection textile
Protezioni tessili

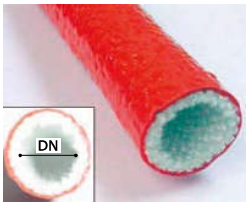
## AVIDRIO
**Tubo de fibra de vidrio**
*Fibreglass tube*



**Fibra de alta calidad tipo E, no se quema y soporta exposiciones a temperaturas de 540 °C. Resiste la mayoría de ácidos y alcalinos y no le afecta la mayoría de disolventes ni lejías/blanqueantes.**

*High-quality fiber type E, doesn't burn and withstands exposures to temperatures of up to a 540ºC. Resists most acids and alkalis and is unaffected by most solvents or bleach.*

## AVIDRIO S
**Tubo de fibra de vidrio siliconado**
*Silicone fibreglass tube*




**Diseñado para proteger mangueras, alambres, etc. de los peligros del calor elevado y de las llamas ocasionales. Protección continua a 260 °C, soporta picos de hasta 1200 °C. Es resistente a fluidos hidráulicos, aceites lubricantes y combustibles. La funda siliconada protege contra la pérdida de energía en tubo rígido y manguera.**

*Designed to protect hoses, wires and cables from the hazards of high heat and occasional flame. It offers continuos protection at 260ºC, with peaks of up to 1200ºC.. Resistant to hydraulic fluids, lubricating oils and fuels, it insulates against energy loss in piping and hosing.*

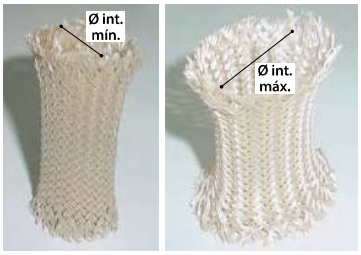
## BVIDRIO S
**Tubo de fibra de vidrio siliconado**
*Silicone fibreglass tube*



**Perfecto para proteger mangueras, tubos rígidos, etc. de elevadas temperaturas y llamas ocasionales. Ofrece protección continua a 260ºC, con picos de hasta 1650ºC. Resistente a salpicaduras de metales fundidos, fluidos hidráulicos, lubricantes y combustibles. La funda siliconada aísla el interior evitando la perdida de energía en el tubo rígido o manguera.**

*Perfect to protect hoses, pipes and cables from high temperatures, It offers continuos protection at 260ºC, with peaks of up to 1650ºC. Resistant to molten metals, hydraulic fluids, lubricating oils and fuel splashes. The silicone cover insulates against energy loss in piping and hosing.*

## AVIDRIO FA
**Fibra de vidrio saturada**
*Saturated fibreglass tube*




**Proporciona protección continua hasta 540 °C. Es resistente a la mayoría de ácidos y alcalinos y no le afectan la mayoría de los disolventes ni lejías/blanqueantes. Es altamente flexible y adaptable; esto permite que una misma protección pueda colocarse en varios diámetros de tubo o incluso en montajes ya terminados (manguera/tubo + conexión/rácor). También es muy útil en longitudes largas de manguera o cable.**

*Provides continuous protection up to 540 °C. It is resistant to most acids and alkalis and is not affected by most of the solvents or bleach. It is highly flexible and adaptable, this allows to place the same protection on various diameters of pipe, or even on already finished assemblies (hose/pipe + connection/fitting). It is also useful in long lengths of hose or cable.*

## A VIDRIO SV
**Revestimiento de fibra de vidrio siliconada con velcro**
*Silicone fiberglass lining with velcro*



**Diseñado para proteger mangueras, alambres, etc. de los peligros del calor elevado y de las llamas ocasionales. Protección continua a 260 °C, soporta picos de hasta 1650 °C 15-30 segundos y 1000 °C 15-20 minutos. Su sistema de cierre con velcro permite el montaje *in situ* sin necesidad de quitar y poner los racores y terminales. DIN 5510-2**

*Designed to protect hoses, wires and cables from the hazards of high heat and occasional flame. IIt offers continuos protection at 260ºC, with peaks of up to 1650 °C 15-30 seconds & 1000 °C 15-20 minuts . Its Velcro closure system allows application in-situ without the need to simantle and reconnect fittings and terminations. DIN 5510-2.*

## ACERAMICA
**Tubo de fibra cerámica**
*Ceramic fibre tube*



**La fibra cerámica está compuesta de silicato de aluminio. Es considerablemente resistente a altas temperaturas y tiene una estabilidad química excelente, resiste a los agentes más corrosivos, con la excepción del ácido fosfórico, ácido clorhídrico y bases fuertes. Tiene una excelente insonorización y aislamiento eléctrico, es de baja densidad y alta flexibilidad. No gotea en caso de incendio (no contiene agua). Sus características térmicas y físicas no se alteran por el agua, vapor o aceite.**

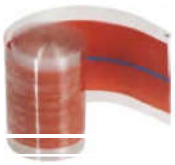
*Ceramic fibre is composed of aluminium silicate. Is considerably resistent to high temperatures and has excellent chemical stability, resists to most corrosive agents, with the exception of phosphoric acid, hydrocloric acid and strong alkalis. It has excellent soundproofing and electric insulation, low density and high flexibility. Not dripping in case of fire (does not contain water). Its thermal and physical characteristics are not altered by water, steam or oil.*

# Protecciones textiles

Protections
Protection textile
Protezioni tessili

## Cinta silicona

Silicone tape
Ruban silicône
Rotolo di Silicone



| ANCHURA (mm) WIDTH (mm) | LONGITUD (m) LENGTH (m) | Referencia Part n° | € |
|---|---|---|---|
| 25 | 11 | CSVIDRIO25 | 88,58 |
| 38 | 11 | CSVIDRIO38 | 122,37 |

## Jitrakor cinta adhesiva

Jitrakor adhesive tape
Jitrakor bande adhesive
Jitrakor striscia adesiva



| ANCHURA (mm) WIDTH (mm) | LONGITUD (m) LENGTH (m) | Referencia Part n° | € |
|---|---|---|---|
| 50 | 10 | JITRAKOR | 51,38 |

€/rollo / €/roll / €/rouleau / €/rotolo

## Tubo de protección textil

Textile protection tube
Gaine de protection textile
Guaina tessile di protezione



| L | Ø EXT. Ø OUTER | Ø INT. Ø INNER | Referencia Part n° | € |
|---|---|---|---|---|
| 35 | 21 | 18 | GT35 | 1,43 |
| 40 | 23 | 20 | GT40 | 1,43 |
| 45 | 26 | 23 | GT45 | 1,81 |
| 50 | 31 | 28 | GT50 | 1,97 |
| 55 | 33 | 30 | GT55 | 2,23 |
| 65 | 39 | 36 | GT65 | 2,36 |
| 80 | 46 | 43 | GT80 | 3,21 |
| 120 | 71 | 68 | GT120 | 3,83 |
| 150 | 88 | 85 | GT150 | 7,75 |

## Accesorios tubo de protección textil

Textile protection tube accessories
Accessoires pour gaine de protection textile
Accessori per la protezione dei tessili



| Ø INT. MIN. Ø Inner Min. | Ø INT. MAX. Ø Inner Max. | Referencia Part n° | € |
|---|---|---|---|
| 13 | 15 | ABRAZADERA 13-15 | 0,89 |
| 15 | 18 | ABRAZADERA 15-18 | 1,27 |
| 20 | 23 | ABRAZADERA 20-23 | 1,53 |
| 22 | 25 | ABRAZADERA 22-25 | 1,81 |
| 23 | 27 | ABRAZADERA 23-27 | 1,87 |
| 25 | 28 | ABRAZADERA 25-28 | 2,11 |
| 40 | 43 | ABRAZADERA 40-43 | 5,30 |
| 43 | 46 | ABRAZADERA 43-46 | 4,18 |






# Fijaciones de seguridad

Safety fixation
Système de sécurité anti-fouet
Fune di sicurezza

## Protección para DIN 2353

Retaining system to DIN 2353

Platines de fixation pour DIN 2353

Elementi di tenuta per DIN 2353



| Ø IN (mm) | TAMAÑO SIZE | P MAX. (bar) MAX P (bar) | Referencia Part n° |
|---|---|---|---|
| 14.5 | 8L - 1/4" | 450 | STOPFUDIN 145 CONF |
| 17 | 8S - 10L - 3/8" | 445 | STOPFUDIN 17 CONF |
| 18.5 | 10S - 12L | 420 | STOPFUDIN 185 CONF |
| 20.5 | 12S | 420 | STOPFUDIN 205 CONF |
| 22.5 | 14S - 15L - 1/2" | 420 | STOPFUDIN 225 CONF |
| 24.5 | 16S - 5/8" | 420 | STOPFUDIN 245 CONF |
| 26.5 | 18L - 3/4" | 420 | STOPFUDIN 265 CONF |
| 30.5 | 20S - 22L | 420 | STOPFUDIN 305 CONF |
| 34 | 1" | 420 | STOPFUDIN 34 CONF |
| 36.5 | 25S - 28L | 420 | STOPFUDIN 365 CONF |
| 42.5 | 30S - 1" 1/4 | 420 | STOPFUDIN 425 CONF |
| 45.5 | 35L | 420 | STOPFUDIN 455 CONF |
| 49 | 1" 1/2 | 420 | STOPFUDIN 49 CONF |
| 52.5 | 38S - 42L | 385 | STOPFUDIN 525 CONF |
| 60 | 2" | 350 | STOPFUDIN 60 CONF |

**Ver página 369** / *See page 369* / Voir page 369 / *Vedere p. 369*

## Protección para JIC 37°

Retaining system to JIC 37°

Platines de fixation pour JIC 37°

Elementi di tenuta per JIC 37°



| Ø IN (mm) | TAMAÑO SIZE | P MAX (bar) MAX. P (bar) | Referencia Part n° |
|---|---|---|---|
| 11,5 | 7/16 | 450 | STOPFUJIC 115 S |
| 13,2 | 1/2 | 450 | STOPFUJIC 132 S |
| 14,8 | 9/16 | 450 | STOPFUJIC 148 S |
| 19,5 | 3/4 | 420 | STOPFUJIC 195 S |
| 22,8 | 7/8 | 420 | STOPFUJIC 228 S |
| 27,5 | 1 1/16 | 420 | STOPFUJIC 275 S |
| 30,7 | 1 3/16 | 420 | STOPFUJIC 307 S |
| 34 | 1 5/16 | 420 | STOPFUJIC 34 L |
| 34 | 1 5/16 | 420 | STOPFUJIC 34 S |
| 41,5 | 1 5/8 | 420 | STOPFUJIC 415 L |
| 41,5 | 1 5/8 | 420 | STOPFUJIC 415 S |
| 48 | 1 7/8 | 420 | STOPFUJIC 48 L |
| 48 | 1 7/8 | 420 | STOPFUJIC 48 S |
| 64 | 2 1/2 | 350 | STOPFUJIC 64 L |

## Protección para DIN 2353 OPEN

Retaining system to DIN 2353 OPEN

Platines de fixation pour DIN 2353 OPEN

Elementi di tenuta per DIN 2353 OPEN



| Ø IN (mm) | TAMAÑO SIZE | P MAX. (bar) MAX. P (bar) | Referencia Part n° |
|---|---|---|---|
| 14.5 | 8L - 1/4" | 450 | STOPFUDIN 145 OPEN |
| 17 | 8S - 10L - 3/8" | 445 | STOPFUDIN 17 OPEN |
| 18.5 | 10S - 12L | 420 | STOPFUDIN 185 OPEN |
| 20.5 | 12S | 420 | STOPFUDIN 205 OPEN |
| 22.5 | 14S - 15L - 1/2" | 420 | STOPFUDIN 225 OPEN |
| 24.5 | 16S - 5/8" | 420 | STOPFUDIN 245 OPEN |
| 26.5 | 18L - 3/4" | 420 | STOPFUDIN 265 OPEN |
| 30.5 | 20S - 22L | 420 | STOPFUDIN 305 OPEN |
| 34 | 1" | 420 | STOPFUDIN 34 OPEN |
| 36.5 | 25S - 28L | 420 | STOPFUDIN 365 OPEN |
| 42.5 | 30S - 1" 1/4 | 420 | STOPFUDIN 425 OPEN |
| 45.5 | 35L | 420 | STOPFUDIN 455 OPEN |
| 49 | 1" 1/2 | 420 | STOPFUDIN 49 OPEN |
| 52.5 | 38S - 42L | 385 | STOPFUDIN 525 OPEN |
| 60 | 2" | 350 | STOPFUDIN 60 OPEN |

## Protección para JIC 37° OPEN

Retaining system to JIC 37° OPEN

Platines de fixation pour JIC 37° OPEN

Elementi di tenuta per JIC 37° OPEN



| Ø IN. (mm) | TAMAÑO SIZE | P MAX. (bar) MAX. P.(bar) | Referencia Part n° |
|---|---|---|---|
| 11,5 | 7/16 | 450 | STOPFUJIC 115 S OPEN |
| 13,2 | 1/2 | 450 | STOPFUJIC 132 S OPEN |
| 14,8 | 9/16 | 450 | STOPFUJIC 148 S OPEN |
| 19,5 | 3/4 | 420 | STOPFUJIC 195 S OPEN |
| 22,8 | 7/8 | 420 | STOPFUJIC 228 S OPEN |
| 27,5 | 1 1/16 | 420 | STOPFUJIC 275 S OPEN |
| 30,7 | 1 3/16 | 420 | STOPFUJIC 307 S OPEN |
| 34 | 1 5/16 | 420 | STOPFUJIC 34 L OPEN |
| 34 | 1 5/16 | 420 | STOPFUJIC 34 S OPEN |
| 41,5 | 1 5/8 | 420 | STOPFUJIC 415 L OPEN |
| 41,5 | 1 5/8 | 420 | STOPFUJIC 415 S OPEN |
| 48 | 1 7/8 | 420 | STOPFUJIC 48 L OPEN |
| 48 | 1 7/8 | 420 | STOPFUJIC 48 S OPEN |
| 64 | 2 1/2 | 350 | STOPFUJIC 64 L OPEN |

**Assembly on previously installed hoses**





**Montaje en mangueras previamente instaladas**

# Fijaciones de seguridad

Safety fixation
Système de sécurité anti-fouet
Fune di sicurezza

## Protección para bridas

Retaining system for flanges

Platines de fixation pour brides

Protezione per flangie



| Ø IN (mm) | P MAX. (bar) MAX. P (bar) | BRIDA SAE SAE FLANGE | Referencia Part n° |
|---|---|---|---|
| 8.5 | 415 | 1/2" 3000-6000 | **STOPFUSAE 085 CONF** |
| 10.5 | 420 | 3/4"-1"-1" 1/4 3000-3/4" 6000 | **STOPFUSAE 2105 CONF** |
| 10.5 | 420 | 3/4"-1" -1" 1/4 3000-3/4" 6000 | **STOPFUSAE 105 CONF** |
| 12.5 | 420 | 1" 1/2 -2" 3000-1" 6000 | **STOPFUSAE 125 CONF** |
| 14.5 | 420 | 1" 1/4" 6000" | **STOPFUSAE 145 CONF** |
| 16.5 | 420 | 1" 1/2 6000 | **STOPFUSAE 165 CONF** |
| 20.5 | 350 | 2" 6000 | **STOPFUSAE 205 CONF** |
| 25 | 350 | 2" 1/2 6000 | **STOPFUSAE 25 CONF** |
| 32 | 210 | 3" 6000 | **STOPFUSAE 32 CONF** |

**Ver página 377** / *See page 377* / Voir page 377 / *Vedere p. 377*

## Abrazaderas

Fixation clamps

Colliers de fixation

Collari fissaggio

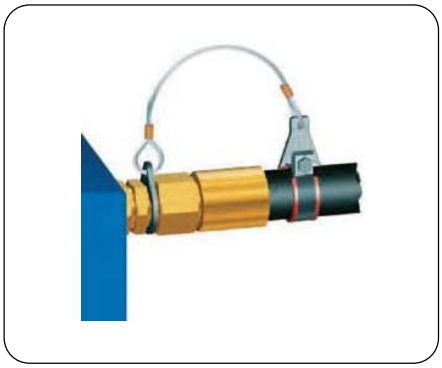


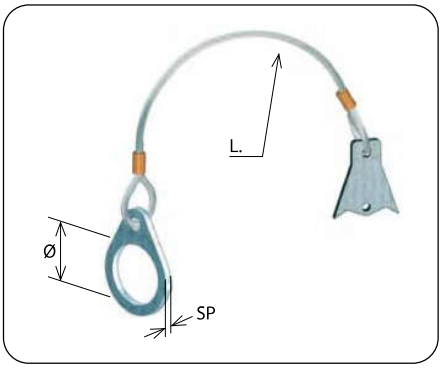
| Ø INT. Ø INNER | Referencia Part n° |
|---|---|
| 11-11.5 mm | **STOPFA11115** |
| 12-12.5 mm | **STOPFA12125** |
| 13-13.5 mm | **STOPFA13135** |
| 14-15 mm | **STOPFA1415** |
| 16-17 mm | **STOPFA1617** |
| 17-18 mm | **STOPFA1718** |
| 18-19 mm | **STOPFA1819** |
| 20-21 mm | **STOPFA2021** |
| 21-22 mm | **STOPFA2122** |
| 22-23 mm | **STOPFA2223** |
| 24-25 mm | **STOPFA2425** |
| 25-26 mm | **STOPFA2526** |
| 26-27 mm | **STOPFA2627** |
| 27-28 mm | **STOPFA2728** |
| 28-29 mm | **STOPFA2829** |
| 30-31 mm | **STOPFA3031** |
| 32-33 mm | **STOPFA3233** |
| 34-35 mm | **STOPFA3435** |
| 36-37 mm | **STOPFA3637** |
| 38-39 mm | **STOPFA3839** |
| 39-40 mm | **STOPFA3940** |
| 40-41 mm | **STOPFA4041** |
| 42-43 mm | **STOPFA4243** |
| 43-44 mm | **STOPFA4344** |
| 44-45 mm | **STOPFA4445** |
| 45-47 mm | **STOPFA4547** |
| 48-50 mm | **STOPFA4850** |
| 51-53 mm | **STOPFA5153** |
| 53-54 mm | **STOPFA5354** |
| 54-56 mm | **STOPFA5456** |
| 57-59 mm | **STOPFA5759** |
| 60-62 mm | **STOPFA6062** |
| 63-65 mm | **STOPFA6365** |
| 66-68 mm | **STOPFA6668** |
| 69-71 mm | **STOPFA6971** |
| 72-74 mm | **STOPFA7274** |
| 75-77 mm | **STOPFA7577** |
| 78-80 mm | **STOPFA7880** |
| 81-83 mm | **STOPFA8183** |
| 84-86 mm | **STOPFA8486** |
| 87-89 mm | **STOPFA8789** |
| 90-92 mm | **STOPFA9092** |
| 93-95 mm | **STOPFA9395** |

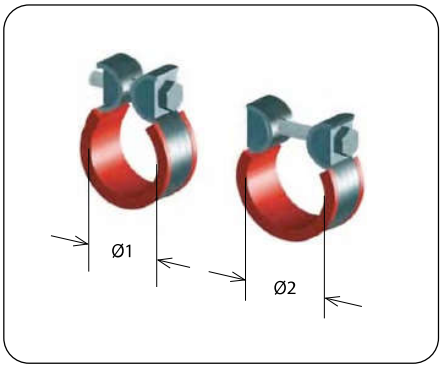
# Fijaciones de seguridad

Safety fixation
Système de sécurité anti-fouet
Fune di sicurezza

| **Referencia**<br>*Part No.*<br>Référence<br>*Codice* | **Ø** | **SP** | **Recomendado para**<br>*Recommended for*<br>Recommandé pour<br>*Consigliato per* |
|---|---|---|---|
| **STOPFUDIN 145 CONF** | 14,5 | 2,5 | 8L - ¼" |
| **STOPFUDIN 17 CONF** | 17 | 2,5 | 8S - 10L - ⅜" |
| **STOPFUDIN 185 CONF** | 18,5 | 2,5 | 10S - 12L |
| **STOPFUDIN 205 CONF** | 20,5 | 2,5 | 12S |
| **STOPFUDIN 225 CONF** | 22,5 | 2,5 | 14S - 15L - ½" |
| **STOPFUDIN 245 CONF** | 24,5 | 2,5 | 16S - ⅝" |
| **STOPFUDIN 265 CONF** | 26,5 | 2,5 | 18L - ¾" |
| **STOPFUDIN 305 CONF** | 30,5 | 3 | 20S - 22L |
| **STOPFUDIN 34 CONF** | 34 | 3 | 1" |
| **STOPFUDIN 365 CONF** | 36,5 | 3 | 25S - 28L |
| **STOPFUDIN 425 CONF** | 42,5 | 3 | 30S - 1 ¼" |
| **STOPFUDIN 455 CONF** | 45,5 | 3 | 35L |
| **STOPFUDIN 49 CONF** | 49 | 3 | 1 ½" |
| **STOPFUDIN 525 CONF** | 52,5 | 3 | 38S - 42L |
| **STOPFUDIN 60 CONF** | 60 | 3 | 2" |
| **STOPFUSAE 085 CONF** | 8,5 | 4 | Brida SAE ½" 3000 y 6000 PSI |
| **STOPFUSAE 105 CONF** | 10,5 | 4 | Brida SAE ¾" - 1" - 1" ¼ 3000 PSI y ¾" 6000 PSI |
| **STOPFUSAE 125 CONF** | 12,5 | 4 | Brida SAE 1" ½ - 2" 3000 PSI y 1" 6000 PSI |
| **STOPFUSAE 145 CONF** | 14,5 | 4 | Brida SAE 1" ¼ 6000 PSI |
| **STOPFUSAE 165 CONF** | 16,5 | 4 | Brida SAE 1" ½ 6000 PSI |
| **STOPFUSAE 205 CONF** | 20,5 | 4 | Brida SAE 2" 6000 PSI |






**STPOFIJIC**



**STOPFUDIN**



**STOPFUSAE**



FLUIDAL, S.L. Pº Ubarburu,79 20.115 Astigarraga (Gipuzkoa) Telf. 943 453 795 - 661 471 123 - www.fluidal.com - fluidal@fluidal.com

# Conducciones neumáticas

*Pneumatic connectors*
Connectique pneumatique
*Condutture Pneumatiche*

TrAIe®



Pneumatic connectors

## FLEXIBLES NEUMÁTICOS
Tubes and springs
Tubes et serpentins
Tubi e spirali

1



## RACORES NEUMÁTICOS
Pneumatic fittings
Raccords pneumatiques
Raccordi

2



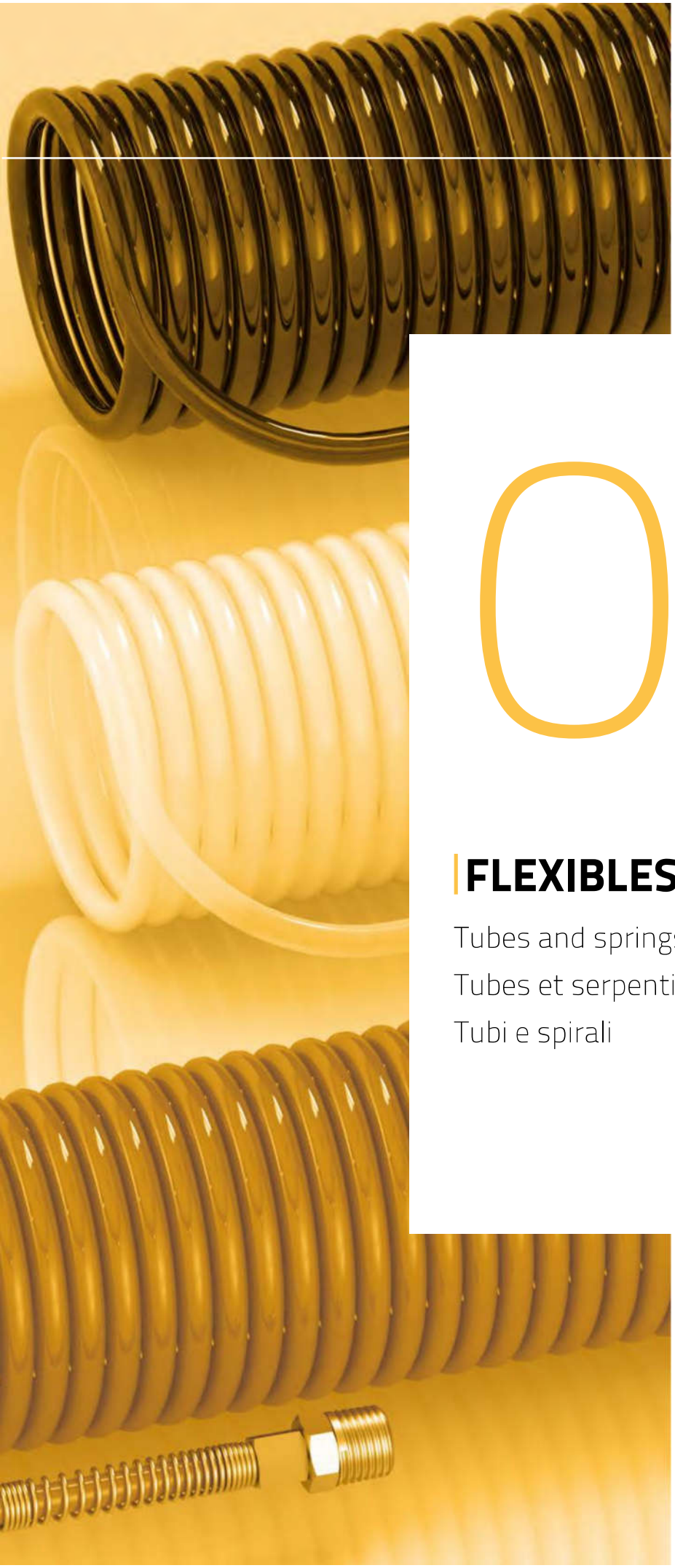
## ENCHUFES RÁPIDOS NEUMÁTICOS
Quick release pneumatic couplings
Coupleurs pneumatiques
Innesti rapidi

3



**Tuberías de poliamida y poliuretano** 384
Polyamide and polyurethane tubes
Tubes de polyamide et polyuréthanne
Tubi in poliammide e poliuretano

**Espirales de poliamida y poliuretano** 385
Polyamide and Polyurethane springs
Serpentins polyamide y polyuréthanne
Spirali in poliammide e poliuretano



01

# FLEXIBLES NEUMÁTICOS

Tubes and springs

Tubes et serpentins

Tubi e spirali

# Tuberías de poliamida y poliuretano

Polyamide and polyurethane tubes
Tubes de polyamide et polyuréthanne
Tubi in poliammide e poliuretano

PTFE sin malla ▪ PTFE without braid ▪ PTFE sans tresse ▪ PTFE senza treccia | 384



M2950

Tuberías Poliamida natural ▪ Natural polyamide pipe ▪ Tubes polyamide naturelle ▪ Tubi in Poliammide naturale | 384



POL...NAT

Tuberías Poliamida negro ▪ Black polyamide pipe ▪ Tubes polyamide noir ▪ Tubi in Poliammide nero | 384



POL...NE

Tuberías Poliamida azul ▪ Blue polyamide pipe ▪ Tubes polyamide bleu ▪ Tubi in Poliammide blu | 384



POL...AZ

Tuberías Poliuretano azul ▪ Blue polyurethane pipe ▪ Tubes polyuréthanne bleu ▪ Tubi in Poliuretano blu | 384



PUR...AZ

# Espirales de poliamida y poliuretano

Polyamide and Polyurethane springs
Serpentins polyamide y polyuréthanne
Spirali in poliammide e poliuretano

Espirales poliamida azul ▪ Blue polyamide springs ▪ Serpentins polyamide bleu ▪ Spirali poliammide blu | 385



ESPIRPOL

Espirales poliuretano sin racores ▪ Polyurethane springs without fittings ▪ Serpentins polyuréthanne sans raccords ▪ Spirale poliuretano senza raccordi | 385



SPUR

Espirales poliuretano naranja sin racores ▪ Orange Polyurethane springs without fittings ▪ Serpentins polyuréthanne orange sans raccords ▪ Spirale arancio poliuretano senza raccordi | 385



SPUR...ORANGE

Espirales poliuretano con racores macho giratorio BSPT ▪ Polyurethane springs with fittings swivel male BSPT ▪ Serpentins polyuréthanne avec raccords mâle tournant BSPT ▪ Spirale poliuretano con raccordi maschio girevole BSPT | 385



HPUR

# Tuberías de poliamida y poliuretano

Polyamide and polyurethane tubes
Tubes de polyamide et polyuréthanne
Tubi in poliammide e poliuretano

## PTFE sin malla

PTFE without braid

PTFE sans tresse

PTFE senza treccia



| TUBO<br>PIPE | LONGITUD (m)<br>LENGTH (m) | Referencia<br>Part n° |
|---|---|---|
| 2x4 mm | 25 | M2950204 |
| 4x6 mm | 25 | M2950406 |
| 6x8 mm | 25 | M2950608 |
| 2x4 mm | 100 | M2950204-100 |
| 4x6 mm | 100 | M2950406-100 |
| 6x8 mm | 100 | M2950608-100 |

## Tuberías Poliamida natural

Natural polyamide pipe

Tubes polyamide naturelle

Tubi in Poliammide naturale



| TUBO<br>PIPE | LONGITUD (m)<br>LENGTH (m) | Referencia<br>Part n° |
|---|---|---|
| 2,5x4 mm | 25 | POL2.5X4NAT |
| 4x6 mm | 25 | POL4X6NAT |
| 6x8 mm | 25 | POL6X8NAT |
| 8x10 mm | 25 | POL8X10NAT |
| 10x12 mm | 25 | POL10X12NAT |
| 2,5x4 mm | 100 | POL2.5X4NAT-100 |
| 4x6 mm | 100 | POL4X6NAT-100 |
| 6x8 mm | 100 | POL6X8NAT-100 |
| 8x10 mm | 100 | POL8X10NAT-100 |
| 10x12 mm | 100 | POL10X12NAT-100 |

## Tuberías Poliamida negro

Black polyamide pipe

Tubes polyamide noir

Tubi in Poliammide nero



| TUBO<br>PIPE | LONGITUD (m)<br>LENGTH (m) | Referencia<br>Part n° |
|---|---|---|
| 2,5x4 mm | 25 | POL2.5X4NE |
| 4x6 mm | 25 | POL4X6NE |
| 6x8 mm | 25 | POL6X8NE |
| 8x10 mm | 25 | POL8X10NE |
| 10x12 mm | 25 | POL10X12NE |
| 2,5x4 mm | 100 | POL2.5X4NE-100 |
| 4x6 mm | 100 | POL4X6NE-100 |
| 6x8 mm | 100 | POL6X8NE-100 |
| 8x10 mm | 100 | POL8X10NE-100 |
| 10x12 mm | 100 | POL10X12NE-100 |

## Tuberías Poliamida azul

Blue polyamide pipe

Tubes polyamide bleu

Tubi in Poliammide blu



| TUBO<br>PIPE | LONGITUD (m)<br>LENGTH (m) | Referencia<br>Part n° |
|---|---|---|
| 4x6 mm | 25 | POL4X6AZ |
| 6x8 mm | 25 | POL6X8AZ |
| 8x10 mm | 25 | POL8X10AZ |
| 10x12 mm | 25 | POL10X12AZ |
| 4x6 mm | 100 | POL4X6AZ-100 |
| 6x8 mm | 100 | POL6X8AZ-100 |
| 8x10 mm | 100 | POL8X10AZ-100 |
| 10x12 mm | 100 | POL10X12AZ-100 |

## Tuberías Poliuretano azul

Blue polyurethane pipe

Tubes polyuréthanne bleu

Tubi in Poliuretano blu



| TUBO<br>PIPE | LONGITUD (m)<br>LENGTH (m) | Referencia<br>Part n° |
|---|---|---|
| 2x4 mm | 25 | PUR2X4AZ |
| 4x6 mm | 25 | PUR4X6AZ |
| 6x8 mm | 25 | PUR6X8AZ |
| 8x10 mm | 25 | PUR8X10AZ |
| 9x12 mm | 25 | PUR9X12AZ |
| 2,5x4 mm | 100 | PUR2.5X4AZ-100 |
| 4x6 mm | 100 | PUR4X6AZ-100 |
| 6x8 mm | 100 | PUR6X8AZ-100 |
| 6,5x10 mm | 100 | PUR6.5X10AZ-100 |
| 8x12 mm | 100 | PUR8X12AZ-100 |

# Espirales de poliamida y poliuretano

Polyamide and Polyurethane springs
Serpentins polyamide y polyuréthanne
Spirali in poliammide e poliuretano

## Espirales poliamida azul

Blue polyamide springs

Serpentins polyamide bleu

Spirali poliammide blu



| TUBO PIPE | Ø INT. Ø INNER | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|
| 4x6 mm | 50 | 30 | **ESPIRPOL4X6AZ** |
| 6x8 mm | 70 | 30 | **ESPIRPOL6X8AZ** |
| 8x10 mm | 85 | 30 | **ESPIRPOL8X10AZ** |
| 10x12 mm | 110 | 30 | **ESPIRPOL10X12AZ** |

## Espirales poliuretano sin racores

Polyurethane springs without fittings

Serpentins polyuréthanne sans raccords

Spirale poliuretano senza raccordi



| TUBO PIPE | Ø INT. Ø INNER | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|
| 4x6 mm | 32 | 5 | **SPUR4X6 5** |
| 4x6 mm | 32 | 7.5 | **SPUR4X6 7.5** |
| 4x6 mm | 32 | 10 | **SPUR4X6 10** |
| 5X8 mm | 40 | 5 | **SPUR5X8 5** |
| 5X8 mm | 40 | 7,5 | **SPUR5X8 7.5** |
| 5X8 mm | 40 | 10 | **SPUR5X8 10** |
| 6,5x10 mm | 46 | 5 | **SPUR6.5X10 5** |
| 6,5x10 mm | 46 | 7.5 | **SPUR6.5X10 7.5** |
| 6,5x10 mm | 46 | 10 | **SPUR6.5X10 10** |

## Espirales poliuretano naranja sin racores

NEW

Orange Polyurethane springs without fittings

Serpentins polyuréthanne orange sans raccords

Spirale arancio poliuretano senza raccordi



| TUBO PIPE | Ø INT. Ø INNER | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|
| 5X8 mm | 40 | 7.5 | **SPUR5X8 7.5 ORANGE** |
| 6,5x10 mm | 46 | 7.5 | **SPUR6.5X10 7.5 ORANGE** |
| 6,5x10 mm | 46 | 10 | **SPUR6.5X10 10 ORANGE** |

## Espirales poliuretano con racores macho giratorio BSPT

Polyurethane springs with fittings swivel male BSPT

Serpentins polyuréthanne avec raccords mâle tournant BSPT

Spirale poliuretano con raccordi maschio girevole BSPT



| TUBO PIPE | Ø INT. Ø INNER | LONGITUD (m) LENGTH (m) | Referencia Part n° |
|---|---|---|---|
| 4x6 mm | 32 | 5 | **HPUR4X6 5** |
| 4x6 mm | 32 | 7.5 | **HPUR4X6 7.5** |
| 4x6 mm | 32 | 10 | **HPUR4X6 10** |
| 5X8 mm | 40 | 5 | **HPUR5X8 5** |
| 5X8 mm | 40 | 7.5 | **HPUR5X8 7.5** |
| 5X8 mm | 40 | 10 | **HPUR5X8 10** |
| 6,5x10 mm | 46 | 5 | **HPUR6.5X10 5** |
| 6,5x10 mm | 46 | 7.5 | **HPUR6.5X10 7.5** |
| 6,5x10 mm | 46 | 10 | **HPUR6.5X10 10** |

**Conexión Push-in automático** 393
Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

**Conexión con espiga** 403
Hose tail-M BSPT tapered
Raccords avec embout
Raccordi con inserto

**Conexión Push-on** 404
Push-on Fittings
Raccords Push-on
Raccordi Push-on

**Adaptador** 408
Adaptors
Adaptateurs
Adattatori



02

# RACORES NEUMÁTICOS

Pneumatic fittings

Raccords pneumatiques

Raccordi

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

Racordaje tecnopolímero cónico ▪ Push-in Technopolymeric tapered fittings ▪ Raccords Push-in techno-polymère conique ▪ Raccordi tecnopolimero Push-in conico 393


PC

PH

PL

PLL

PT

PST

PWT

PKD

SCLT

Racordaje tecnopolímero cilíndrico ▪ Push-in Technopolymeric cylindrical fittings ▪ Raccords Push-in techno-polymère cilindrique ▪ Raccordi tecnopolimero Push-in cilindrico 394


PCCI

PCF

PHCI

PLCI

50115

SCL

PTCI

50215

PSTCI

50225

Racordaje tecnopolímero otros ▪ Other Push-in Technopolymeric fittings ▪ Raccords Push-in techno-polymère - autres ▪ Raccordi tecnopolimero Push-in altri 396


PG/PUC

50040

PMM

SCU

PR

PRM

50500

51410

51420

PUL

50130

PLJ

PUT

50230

PY

50310

PWJ-PYJ

PZA

PKG

TAP

Racordaje metálico cónico ▪ Metallic Push-in tapered fittings ▪ Raccords Push-in métallique conique ▪ Raccordi metallici Push-in conico 399


MPC

MPL

Racordaje metálico cilíndrico ▪ Metallic Push-in cylindrical fittings ▪ Raccords Push-in métallique cilindrique ▪ Raccordi metallici Push-in cilindrico 399


MPCCI

MPCF

MPHCI

MPLCI

MSCL

MPTCI

MPSTCI

Racordaje metálico otros ▪ Other Metallic Push-in fittings ▪ Raccords Push-in métallique - autres ▪ Raccordi metallici Push-in vari 400


MPUC

MPMM

MPUI

MPUT

MPY

TAP

50600

Racordaje inoxidable 316 cónico ▪ Stainless steel 316 Push-in tapered fittings ▪ Raccords coniques Push-in en acier inoxydable 316 ▪ Raccordi conici a pressione in acciaio inossidabile 316 402


ZPC

ZPL

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

Racordaje inoxidable 316 cilíndrico ▪ Stainless steel 316 Push-in cylindrical fittings ▪ Raccords cilindrique Push-in en acier inoxydable 316 ▪ Raccordi cilindrici a pressione in acciaio inox 316 | 402


ZPCCI


ZPLCI

Racordaje inoxidable 316 otros ▪ Other Stainless steel 316 Push-in fittings ▪ Raccords Push-in en acier inoxydable 316 - autres ▪ Altro Raccordi a innesto in acciaio inossidabile 316 | 402


ZPUC


ZPUT

# Conexión con espiga

Hose tail-M BSPT tapered
Raccords avec embout
Raccordi con inserto

Racordaje con espiga cónico ▪ Tapered hose tail fittings ▪ Raccords avec embout conique ▪ Raccordi con inserto conico — 403


3040


3055

Racordaje con espiga cilíndrico ▪ Cylindrical hose tail fittings ▪ Raccords avec embout cilindrique ▪ Raccordi con inserto cilindrico — 403


3045


3050


3045A

# Conexión Push-on

Push-on Fittings
Raccords Push-on
Raccordi Push-on

Conexión Push-on sin espiral ▪ Push-on fittings without spring ▪ Raccords Push-on sans spirale ▪ Raccordi Push-on sin spirali 404




Conexión Push-on con muelle ▪ Push-on fittings with nut and spring ▪ Raccords Push-on avec ressort ▪ Raccordi Push-on senza molla 407



# Adaptador

Adaptors
Adaptateurs
Adattatori

Adaptadores Rectos ▪ Straight adaptors ▪ Adaptateurs droits ▪ Adattatori diritti | 408


2000

2080

2020

2040

3060

2010

2030

2050

2070

3000

2090

3010

6090

51410

51420

Tapones ▪ Plugs ▪ Bouchons ▪ Tappi | 410


3025

3021

3015

3020

3030

Forja en codo ▪ Elbow forge ▪ Forges en coude ▪ Forgiato a 90° | 411


5000

5020

5010

Forja en T ▪ Forge in T ▪ Forges en T ▪ Forgiato a T | 411


4010

4040

4050

4000

Forja en Cruz e Y ▪ Forge in Cross and Y ▪ Forges en Croix et Y ▪ Forgiato a croce e Y | 412


6000

6030

6020

Tacos ▪ Squares ▪ Nourrices de distribution ▪ Blocco a croce | 412


6040

6047

TrAle®

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

## Auto. Pol.-M BSPT cónico/M métrico

Push-in Pol. - M BSPT tapered/M metric

Push-in Pol. - M BSPT conique /M métrique

Automatico diritto maschio



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PC 0401** |
| 4 mm | 1/4" | **PC 0402** |
| 4 mm | M5 | **PC 04M5** |
| 6 mm | 1/8" | **PC 0601** |
| 6 mm | 1/4" | **PC 0602** |
| 6 mm | 3/8" | **PC 0603** |
| 8 mm | 1/8" | **PC 0801** |
| 8 mm | 1/4" | **PC 0802** |
| 8 mm | 3/8" | **PC 0803** |
| 8 mm | 1/2" | **PC 0804** |
| 10 mm | 1/8" | **PC 1001** |
| 10 mm | 1/4" | **PC 1002** |
| 10 mm | 3/8" | **PC 1003** |
| 10 mm | 1/2" | **PC 1004** |
| 12 mm | 1/4" | **PC 1202** |
| 12 mm | 3/8" | **PC 1203** |
| 12 mm | 1/2" | **PC 1204** |

## Auto. Pol.-codo orientable M BSPT cónico

Push-in Pol. - elbow banjo M BSPT tapered

Push-in Pol. - coude ajustable M BSPT conique

Automatico estremita tubolare a 90



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PH 0401** |
| 6 mm | 1/8" | **PH 0601** |
| 6 mm | 1/4" | **PH 0602** |
| 8 mm | 1/8" | **PH 0801** |
| 8 mm | 1/4" | **PH 0802** |
| 8 mm | 3/8" | **PH 0803** |
| 10 mm | 1/4" | **PH 1002** |
| 10 mm | 3/8" | **PH 1003** |

## Auto. Pol.-codo giratorio M BSPT cónico

Push-in Pol. - elbow adjustable M BSPT tapered

Push-in Pol. - coude tournant M BSPT conique

Automatico maschio girevole



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PL 0401** |
| 4 mm | 1/4" | **PL 0402** |
| 6 mm | 1/8" | **PL 0601** |
| 6 mm | 1/4" | **PL 0602** |
| 6 mm | 3/8" | **PL 0603** |
| 8 mm | 1/8" | **PL 0801** |
| 8 mm | 1/4" | **PL 0802** |
| 8 mm | 3/8" | **PL 0803** |
| 10 mm | 1/4" | **PL 1002** |
| 10 mm | 3/8" | **PL 1003** |
| 10 mm | 1/2" | **PL 1004** |
| 12 mm | 3/8" | **PL 1203** |
| 12 mm | 1/2" | **PL 1204** |

## Auto. Pol.-codo giratorio prolongado M BSPT cónico

Push-in Pol. - elbow adjustable extensor M BSPT tapered

Push-in Pol. - coude tournant prolongé M BSPT conique

Automatico a 90 prolunga maschio girevole



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PLL 0401** |
| 4 mm | 1/4" | **PLL 0402** |
| 6 mm | 1/8" | **PLL 0601** |
| 6 mm | 1/4" | **PLL 0602** |
| 8 mm | 1/8" | **PLL 0801** |
| 8 mm | 3/8" | **PLL 0803** |
| 10 mm | 1/4" | **PLL 1002** |

## Auto. Pol.-T central giratorio M BSPT cónico

Push-in Pol. - Tee central adjustable M BSPT tapered

Push-in Pol. - T central tournant M BSPT conique

Automatico T maschio girevole centrale



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PT 0401** |
| 6 mm | 1/8" | **PT 0601** |
| 6 mm | 1/4" | **PT 0602** |
| 8 mm | 1/8" | **PT 0801** |
| 8 mm | 1/4" | **PT 0802** |
| 10 mm | 1/4" | **PT 1002** |
| 10 mm | 3/8" | **PT 1003** |
| 12 mm | 3/8" | **PT 1203** |
| 12 mm | 1/2" | **PT 1204** |

## Auto. Pol.-T lateral giratorio M BSPT cónico

Push-in Pol. - Tee lateral adjustable M BSPT tapered

Push-in Pol. - T lateral tournant M BSPT conique

Automatico T maschio girevole laterale



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PST 0401** |
| 6 mm | 1/8" | **PST 0601** |
| 6 mm | 1/4" | **PST 0602** |
| 8 mm | 1/8" | **PST 0801** |
| 8 mm | 1/4" | **PST 0802** |
| 10 mm | 1/4" | **PST 1002** |
| 10 mm | 3/8" | **PST 1003** |
| 12 mm | 3/8" | **PST 1203** |
| 12 mm | 1/2" | **PST 1204** |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

TrAle®

## Auto. Pol.-Y central M BSPT cónico/M métrico

Push-in Pol. - Y central M BSPT tapered/M metric

Push-in Pol. - Y central M BSPT conique /M métrique

Automatico automatico a Y maschio girevole centrale



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PWT 0401** |
| 4 mm | 1/4" | **PWT 0402** |
| 4 mm | M5 | **PWT 04M5** |
| 6 mm | 1/8" | **PWT 0601** |
| 6 mm | 1/4" | **PWT 0602** |
| 8 mm | 1/8" | **PWT 0801** |
| 8 mm | 1/4" | **PWT 0802** |
| 10 mm | 1/4" | **PWT 1002** |
| 10 mm | 3/8" | **PWT 1003** |
| 12 mm | 3/8" | **PWT 1203** |
| 12 mm | 1/2" | **PWT 1204** |

## Auto. Pol.-múltiple intermedio M BSPT cónico

Push-in Pol.-multiple union M BSPT tapered

Push-in Pol.-intermédiaire multiple M BSPTconique

Automatico maschio con uscite multiple



| TUBO (LAT) PIPE (LAT) | TUBO (CENT) PIPE (CENT) | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 6 mm | 4 mm | 1/8" | **PKD 060401** |
| 8 mm | 4 mm | 1/4" | **PKD 080402** |
| 8 mm | 6 mm | 1/4" | **PKD 080602** |
| 10 mm | 8 mm | 3/8" | **PKD 100803** |

## Auto. Pol.-codo microrregulador p/cilindro M BSPT cónico

Push-in Pol. - elbow speed controller for cylinder M BSPT tapered

Push-in Pol. - coude micro-regulateur M BSPT conique

Microregolatore per cilindro BSPT



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **SCLT 0401** |
| 4 mm | 1/4" | **SCLT 0402** |
| 6 mm | 1/4" | **SCLT 0602** |
| 6 mm | 3/8" | **SCLT 0603** |
| 8 mm | 1/8" | **SCLT 0801** |
| 8 mm | 1/4" | **SCLT 0802** |
| 8 mm | 3/8" | **SCLT 0803** |
| 10 mm | 1/4" | **SCLT 1002** |
| 10 mm | 3/8" | **SCLT 1003** |
| 12 mm | 1/4" | **SCLT 1202** |

## Auto. Pol.-M BSP cilíndrico/M métrico c/junta

Push-in Pol. - M BSP parallel/M metric w/o'ring

Push-in Pol. - coude tournant M BSP cilindrique /M métrique avec o'ring

Automatico diritto maschio con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PCCI 0401** |
| 4 mm | 1/4" | **PCCI 0402** |
| 4 mm | M5 | **PCCI 04M5** |
| 6 mm | 1/8" | **PCCI 0601** |
| 6 mm | 1/4" | **PCCI 0602** |
| 6 mm | 3/8" | **PCCI 0603** |
| 8 mm | 1/8" | **PCCI 0801** |
| 8 mm | 1/4" | **PCCI 0802** |
| 8 mm | 3/8" | **PCCI 0803** |
| 10 mm | 1/4" | **PCCI 1002** |
| 10 mm | 3/8" | **PCCI 1003** |
| 10 mm | 1/2" | **PCCI 1004** |
| 12 mm | 1/4" | **PCCI 1202** |
| 12 mm | 3/8" | **PCCI 1203** |
| 12 mm | 1/2" | **PCCI 1204** |

## Auto. Pol.-H BSP cilíndrico

Push-in Pol. - F BSP parallel

Push-in Pol. - F BSP cilindrique

Automatico diritto femmina



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PCF 0401** |
| 6 mm | 1/8" | **PCF 0601** |
| 6 mm | 1/4" | **PCF 0602** |
| 8 mm | 1/8" | **PCF 0801** |
| 8 mm | 1/4" | **PCF 0802** |
| 8 mm | 3/8" | **PCF 0803** |
| 10 mm | 1/4" | **PCF 1002** |
| 12 mm | 3/8" | **PCF 1203** |

## Auto. Pol.-codo orientable M BSP cilíndrico/M métrico c/junta

Push-in Pol. - elbow banjo M BSP parallel/M metric w/o'ring

Push-in Pol. - coude orientable M BSP cilindrique /M métrique avec o'ring

Automatico orientable a 90 con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PHCI 0401** |
| 4 mm | M5 | **PHCI 04M5** |
| 6 mm | 1/8" | **PHCI 0601** |
| 6 mm | 1/4" | **PHCI 0602** |
| 8 mm | 1/8" | **PHCI 0801** |
| 8 mm | 1/4" | **PHCI 0802** |
| 8 mm | 3/8" | **PHCI 0803** |
| 10 mm | 3/8" | **PHCI 1003** |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

## Auto. Pol.-codo giratorio M BSP cilíndrico/M métrico c/junta

Push-in Pol. - elbow adjustable M BSP parallel/M metric w/o'ring
Push-in Pol. - coude tournant M BSP cilindrique /M métrique avec o'ring
Automatico maschio a 90 girevole con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PLCI 0401** |
| 4 mm | 1/4" | **PLCI 0402** |
| 4 mm | M5 | **PLCI 04M5** |
| 6 mm | 1/8" | **PLCI 0601** |
| 6 mm | 1/4" | **PLCI 0602** |
| 6 mm | 3/8" | **PLCI 0603** |
| 6 mm | M5 | **PLCI 06M5** |
| 8 mm | 1/8" | **PLCI 0801** |
| 8 mm | 1/4" | **PLCI 0802** |
| 8 mm | 3/8" | **PLCI 0803** |
| 10 mm | 1/4" | **PLCI 1002** |
| 10 mm | 3/8" | **PLCI 1003** |
| 10 mm | 1/2" | **PLCI 1004** |
| 12 mm | 1/4" | **PLCI 1202** |
| 12 mm | 3/8" | **PLCI 1203** |
| 12 mm | 1/2" | **PLCI 1204** |

## Auto. Pol.-codo giratorio cuerpo metálico M BSP cilíndrico/M métrico c/junta

Push-in Pol. - elbow adjustable metallic body M BSP parallel/M metric w/o'ring
Push-in Pol. - coude tournant corps métallique M BSP cilindrique /M métrique avec o'ring
Automatico a 90 maschio girevole con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **50115 4 1/8** |
| 4 mm | M5 | **50115 4 M5** |
| 6 mm | 1/8" | **50115 6 1/8** |
| 6 mm | 1/4" | **50115 6 1/4** |
| 6 mm | M5 | **50115 6 M5** |
| 8 mm | 1/8" | **50115 8 1/8** |
| 8 mm | 1/4" | **50115 8 1/4** |
| 8 mm | 3/8" | **50115 8 3/8** |
| 10 mm | 1/4" | **50115 10 1/4** |
| 10 mm | 3/8" | **50115 10 3/8** |
| 10 mm | 1/2" | **50115 10 1/2** |
| 12 mm | 3/8" | **50115 12 3/8** |
| 12 mm | 1/2" | **50115 12 1/2** |

## Auto. Pol.-codo microrregulador p/cilindro M BSP cilíndrico/M métrico

Push-in Pol. - elbow speed controller for cylinder M BSP parallel/M metric
Push-in Pol. - coude micro-regulateur M BSP cilindrique /M métrique
Microregolatore per cilindro BSP



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **SCL 0401** |
| 4 mm | 1/4" | **SCL 0402** |
| 4 mm | M5 | **SCL 04M5** |
| 6 mm | 1/8" | **SCL 0601** |
| 6 mm | 1/4" | **SCL 0602** |
| 6 mm | 3/8" | **SCL 0603** |
| 6 mm | M5 | **SCL 06M5** |
| 8 mm | 1/8" | **SCL 0801** |
| 8 mm | 1/4" | **SCL 0802** |
| 8 mm | 3/8" | **SCL 0803** |
| 10 mm | 1/4" | **SCL 1002** |
| 10 mm | 3/8" | **SCL 1003** |
| 12 mm | 1/4" | **SCL 1202** |
| 12 mm | 3/8" | **SCL 1203** |
| 12 mm | 1/2" | **SCL 1204** |

## Auto. Pol.-T central giratorio M BSP cilíndrico c/junta

Push-in Pol. - Tee central adjustable M BSP parallel w/o'ring
Push-in Pol. - T central tournant M BSP cilindrique avec o'ring
Automatico T girevole cenTrale con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PTCI 0401** |
| 6 mm | 1/8" | **PTCI 0601** |
| 8 mm | 1/8" | **PTCI 0801** |
| 8 mm | 3/8" | **PTCI 0803** |
| 10 mm | 1/4" | **PTCI 1002** |
| 10 mm | 3/8" | **PTCI 1003** |
| 12 mm | 3/8" | **PTCI 1203** |
| 4 mm | M5 | **PTCI 04M5** |
| 6 mm | M5 | **PTCI 06M5** |

## Auto. Pol.-T central giratorio cuerpo metálico M BSP cilíndrico c/junta

Push-in Pol. - Tee central adjustable metallic body M BSP parallel w/o'ring
Push-in Pol. - T central tournant corps métallique M BSP cilindrique avec o'ring
Automatico a T maschio girevole cenTrale con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **50215 4 1/8** |
| 4 mm | 1/4" | **50215 4 1/4** |
| 6 mm | 1/8" | **50215 6 1/8** |
| 6 mm | 1/4" | **50215 6 1/4** |
| 8 mm | 1/8" | **50215 8 1/8** |
| 8 mm | 1/4" | **50215 8 1/4** |
| 10 mm | 1/4" | **50215 10 1/4** |
| 10 mm | 3/8" | **50215 10 3/8** |
| 12 mm | 3/8" | **50215 12 3/8** |
| 12 mm | 1/2" | **50215 12 1/2** |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

TrAle®

## Auto. Pol.-T lateral giratorio M BSP cilíndrico c/junta

Push-in Pol. - T lateral adjustable M BSP parallel w/o'ring
Push-in Pol. - T lateral tournant M BSP cilindrique avec o'ring

Automatico T girevole laterale con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **PSTCI 0401** |
| 6 mm | 1/8" | **PSTCI 0601** |
| 6 mm | 1/4" | **PSTCI 0602** |
| 8 mm | 1/8" | **PSTCI 0801** |
| 8 mm | 1/4" | **PSTCI 0802** |
| 10 mm | 1/4" | **PSTCI 1002** |
| 10 mm | 3/8" | **PSTCI 1003** |
| 12 mm | 3/8" | **PSTCI 1203** |

## Auto. Pol.-T lateral giratorio cuerpo metálico M BSP cilíndrico c/junta

Push-in Pol. - T lateral adjustable metallic body M BSP parallel w/o'ring
Push-in Pol. - T lateral tournant corps métallique M BSP cilindrique avec o'ring

Automatico a T maschio girevole laterale con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **50225 4 1/8** |
| 6 mm | 1/8" | **50225 6 1/8** |
| 6 mm | 1/4" | **50225 6 1/4** |
| 8 mm | 1/8" | **50225 8 1/8** |
| 8 mm | 1/4" | **50225 8 1/4** |
| 10 mm | 1/4" | **50225 10 1/4** |
| 10 mm | 3/8" | **50225 10 3/8** |
| 12 mm | 3/8" | **50225 12 3/8** |

## Auto. Pol.-intermedio

Push-in Pol.-union

Push-in technopolymère - Union à piquage

Automatico intermedio



| TUBO PIPE | | Referencia Part n° |
|---|---|---|
| 6 mm | 4 mm | **PG 0604** |
| 8 mm | 6 mm | **PG 0806** |
| 10 mm | 8 mm | **PG 1008** |
| 12 mm | 10 mm | **PG 1210** |
| 4 mm | 4 mm | **PUC 04** |
| 6 mm | 6 mm | **PUC 06** |
| 8 mm | 8 mm | **PUC 08** |
| 10 mm | 10 mm | **PUC 10** |
| 12 mm | 12 mm | **PUC 12** |

## Auto. Pol.-intermedio cuerpo metálico

Push-in Pol.-union metallic body

Push-in technopolymère - Piquage corps métallique

Automatico intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | **50040 4** |
| 6 mm | **50040 6** |
| 8 mm | **50040 8** |
| 10 mm | **50040 10** |
| 12 mm | **50040 12** |

## Auto. Pol.-intermedio pasatabique tuerca métrica

Push-in Pol.-union bulkhead w/metric nut

Push-in technopolymère -Piquage passe-cloison métrique

Automatico intermedio passaparete



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | M12x1 | **PMM 04** |
| 6 mm | M14x1 | **PMM 06** |
| 8 mm | M16x1 | **PMM 08** |
| 10 mm | M20x1 | **PMM 10** |
| 12 mm | M22x1 | **PMM 12** |

## Auto. Pol.-regulador en línea unidireccional

Push-in Pol.-unidirectional straight speed controller

Push-in technopolymère -Régulateur de débit en ligne unidirectionnel

Regolatore di flusso in linea



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | **SCU 04** |
| 6 mm | **SCU 06** |
| 8 mm | **SCU 08** |
| 10 mm | **SCU 10** |

## Auto. Pol.-reductor insertable

Push-in Pol.-plug-in reducer

Push-in technopolymère - Piquage de réduction

Automatico di reduzione



| TUBO (INSERT) PIPE (INSERT) | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 6 mm | 4 mm | **PR 0604** |
| 8 mm | 4 mm | **PR 0804** |
| 8 mm | 6 mm | **PR 0806** |
| 10 mm | 6 mm | **PR 1006** |
| 10 mm | 8 mm | **PR 1008** |
| 12 mm | 8 mm | **PR 1208** |
| 12 mm | 10 mm | **PR 1210** |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

## Auto. Pol.-reductor insertable cuerpo metálico

Push-in Pol.-plug-in reducer metallic body

Push-in technopolymère - Piquage de réduction corps métallique

Automatico di reduzione corpo metallico



| TUBO (INSERT) PIPE (INSERT) | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 6 mm | 4 mm | **PRM 0604** |
| 8 mm | 4 mm | **PRM 0804** |
| 8 mm | 6 mm | **PRM 0806** |
| 10 mm | 6 mm | **PRM 1006** |
| 10 mm | 8 mm | **PRM 1008** |
| 12 mm | 8 mm | **PRM 1208** |
| 12 mm | 10 mm | **PRM 1210** |

## Auto. Pol.-cuerpo orientable metálico

Push-in Pol.-banjo body metallic body

Push-in technopolymère - Corps orientable métallique

Automatico orientabile



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | M5 | **50500 4 M5** |
| 4 mm | M6 | **50500 4 M6** |
| 4 mm | 1/2" | **50500 4 1/8** |
| 6 mm | M5 | **50500 6 M5** |
| 6 mm | M6 | **50500 6 M6** |
| 6 mm | 1/8" | **50500 6 1/8** |
| 6 mm | 1/4" | **50500 6 1/4** |
| 8 mm | 1/8" | **50500 8 1/8** |
| 8 mm | 1/4" | **50500 8 1/4** |
| 8 mm | 3/8" | **50500 8 3/8** |
| 10 mm | 1/4" | **50500 10 1/4** |
| 10 mm | 3/8" | **50500 10 3/8** |
| 12 mm | 3/8" | **50500 12 3/8** |
| 12 mm | 1/2" | **50500 12 1/2** |

## Tornillo orientable simple M BSP cilíndrico/M métrico

Simple banjo bolt M BSP parallel/M metric

Vis pour banjo simple M BSP cil./ M Métrique

Bullone per automatico orientabile



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M5 | **51410 M5** |
| M6 | **51410 M6** |
| M12x1.5 | **51410 M12** |
| 1/8" | **51410 1/8** |
| 1/4" | **51410 1/4** |
| 3/8" | **51410 3/8** |
| 1/2" | **51410 1/2** |

## Tornillo orientable doble M cilíndrico BSP

Double banjo bolt M BSP parallel

Vis pour banjo double M BSP cil.

Bullone forato doppio



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **51420 1/8** |
| 1/4" | **51420 1/4** |
| 3/8" | **51420 3/8** |
| 1/2" | **51420 1/2** |

## Auto. Pol.-codo intermedio

Push-in Pol.-elbow union

Push-in technopolymère - Coude d'union à piquage

Automatico intermedio a 90



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | **PUL 04** |
| 6 mm | **PUL 06** |
| 8 mm | **PUL 08** |
| 10 mm | **PUL 10** |
| 12 mm | **PUL 12** |

## Auto. Pol.-codo intermedio cuerpo metálico

Push-in Pol.-elbow union metallic body

Push-in technopolymère - Piquage coude corps métallique

Automatico a 90 intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | **50130 4** |
| 6 mm | **50130 6** |
| 8 mm | **50130 8** |
| 10 mm | **50130 10** |
| 12 mm | **50130 12** |

## Auto. Pol.-codo insertable

Push-in Pol.-elbow plug-in

Push-in technopolymère - Coude à piquage lisse

Automatico estremita tubolare



| TUBO PIPE | | Referencia Part n° |
|---|---|---|
| 4 mm | 9 mm | **PLJ 04** |
| 6 mm | 8 mm | **PLJ 06** |
| 8 mm | 10 mm | **PLJ 08** |
| 10 mm | 12 mm | **PLJ 10** |
| 12 mm | 14 mm | **PLJ 12** |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

TrAle®

## Auto. Pol.-T intermedio

Push-in Pol.-Tee union

Push-in technopolymère - Piquage en Té

Automatico T intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | PUT 04 |
| 6 mm | PUT 06 |
| 8 mm | PUT 08 |
| 10 mm | PUT 10 |
| 12 mm | PUT 12 |

## Auto. Pol.-T intermedio cuerpo metálico

Push-in Pol.-Tee union metallic body

Push-in technopolymère - Té à piquage

Automatico a T intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | 50230 4 |
| 6 mm | 50230 6 |
| 8 mm | 50230 8 |
| 10 mm | 50230 10 |
| 12 mm | 50230 12 |

## Auto. Pol.-Y intermedio

Push-in Pol.-Y union

Push-in technopolymère - Piquage en Y

Automatico intermedio a Y



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | PY 04 |
| 6 mm | PY 06 |
| 8 mm | PY 08 |
| 10 mm | PY 10 |
| 12 mm | PY 12 |

## Auto. Pol.-Y intermedio cuerpo metálico

Push-in Pol.-Y union metallic body

Push-in technopolymère - Piquage en Y

Automatico a Y intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | 50310 4 |
| 6 mm | 50310 6 |
| 8 mm | 50310 8 |

## Auto. Pol.-Y central insertable

Push-in Pol.-Y central plug-in

Push-in technopolymère -Piquage en Y simple lisse

Automatico a Y estremita tubolare cenTrale



| TUBO (INSERT) PIPE (INSERT) | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 6 mm | 4 mm | PWJ 0604 |
| 8 mm | 6 mm | PWJ 0806 |
| 10 mm | 8 mm | PWJ 1008 |
| 12 mm | 10 mm | PWJ 1210 |
| 4 mm | 4 mm | PYJ 04 |
| 6 mm | 6 mm | PYJ 06 |
| 8 mm | 8 mm | PYJ 08 |
| 10 mm | 10 mm | PYJ 10 |
| 12 mm | 12 mm | PYJ 12 |

## Auto. Pol.-cruz intermedio

Push-in Pol.-cross union

Push-in technopolymère -Croix à piquage

Automatico intermedio a croce



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | PZA 04 |
| 6 mm | PZA 06 |
| 8 mm | PZA 08 |
| 10 mm | PZA 10 |
| 12 mm | PZA 12 |

## Auto. Pol.-múltiple intermedio

Push-in Pol.-Multiple union

Push-in technopolymère -Piquage multiple

Automatico intermedio con uscite multiple



| TUBO (LAT) PIPE (LAT) | TUBO PIPE | Referencia Part n° |
|---|---|---|
| 6 mm | 4 mm | PKG 0604 |
| 8 mm | 4 mm | PKG 0804 |
| 10 mm | 6 mm | PKG 1006 |
| 10 mm | 8 mm | PKG 1008 |

## Tapón insertable para automático

Plug-in for push-in

Piquage bouchon

Automatico tappo



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | TAP 04 |
| 6 mm | TAP 06 |
| 8 mm | TAP 08 |
| 10 mm | TAP 10 |
| 12 mm | TAP 12 |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

## Auto. Met.-M BSPT cónico

Push-in Met.-M BSPT tapered

Push-in métallique - M BSPT conique

Automatico diritto maschio



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | MPC 0401 |
| 4 mm | 1/4" | MPC 0402 |
| 6 mm | 1/8" | MPC 0601 |
| 6 mm | 1/4" | MPC 0602 |
| 6 mm | 3/8" | MPC 0603 |
| 8 mm | 1/8" | MPC 0801 |
| 8 mm | 1/4" | MPC 0802 |
| 8 mm | 3/8" | MPC 0803 |
| 10 mm | 1/8" | MPC 1001 |
| 10 mm | 1/4" | MPC 1002 |
| 10 mm | 3/8" | MPC 1003 |
| 10 mm | 1/2" | MPC 1004 |

## Auto. Met.-codo giratorio M BSPT cónico

Push-in Met.-elbow adjustable M BSPT tapered

Push-in métallique - Coude orientable M BSPT conique

Automatico maschio girevole



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | MPL 0401 |
| 4 mm | 1/4" | MPL 0402 |
| 6 mm | 1/8" | MPL 0601 |
| 6 mm | 1/4" | MPL 0602 |
| 8 mm | 1/8" | MPL 0801 |
| 8 mm | 1/4" | MPL 0802 |
| 8 mm | 3/8" | MPL 0803 |
| 10 mm | 1/4" | MPL 1002 |
| 10 mm | 3/8" | MPL 1003 |
| 10 mm | 1/2" | MPL 1004 |

## Auto. Met.-M BSP cilíndrico/M métrico c/junta

Push-in Met.-M BSP parallel/M metric w/o'ring

Push-in mét. - Piquage droit mâle BSP cylindrique/ M métrique avec o'ring

Automatico diritto maschio cilindrico con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | M5 | MPCCI 04M5 |
| 4 mm | 1/8" | MPCCI 0401 |
| 4 mm | 1/4" | MPCCI 0402 |
| 6 mm | 1/8" | MPCCI 0601 |
| 6 mm | 1/4" | MPCCI 0602 |
| 6 mm | 3/8" | MPCCI 0603 |
| 8 mm | 1/8" | MPCCI 0801 |
| 8 mm | 1/4" | MPCCI 0802 |
| 8 mm | 3/8" | MPCCI 0803 |
| 10 mm | 1/4" | MPCCI 1002 |
| 10 mm | 3/8" | MPCCI 1003 |
| 10 mm | 1/2" | MPCCI 1004 |
| 12 mm | 1/4" | MPCCI 1202 |
| 12 mm | 3/8" | MPCCI 1203 |
| 12 mm | 1/2" | MPCCI 1204 |

## Auto. Met.-H BSP cilíndrico

Push-in Met.-F BSP parallel

Push-in mét. - Piquage droit femelle BSP cylindrique

Automatico diritto femmina cilindrico



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | MPCF 0401 |
| 6 mm | 1/8" | MPCF 0601 |
| 6 mm | 1/4" | MPCF 0602 |
| 8 mm | 1/8" | MPCF 0801 |
| 8 mm | 1/4" | MPCF 0802 |
| 10 mm | 1/4" | MPCF 1002 |
| 12 mm | 3/8" | MPCF 1203 |

## Auto. Met.-codo orientable M BSP cilíndrico c/junta

Push-in Met.-elbow banjo M BSP parallel w/o'ring

Push-in mét. - Coude orientable M BSP cilindrique avec o'ring

Automatico estremita tubolare a 90 cilindrico con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 mm | 1/8" | MPHCI 0601 |
| 8 mm | 1/4" | MPHCI 0802 |
| 10 mm | 1/4" | MPHCI 1002 |

## Auto. Met.-codo giratorio M BSP cilíndrico/M métrico c/junta

Push-in Met.-elbow adjustable M BSP parallel/M metric w/o'ring

Push-in mét. - Coude orientable M BSP cilindrique / M métrique avec o'ring

Automatico girevole cilindrico con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | M5 | MPLCI 04M5 |
| 4 mm | 1/8" | MPLCI 0401 |
| 4 mm | 1/4" | MPLCI 0402 |
| 6 mm | 1/8" | MPLCI 0601 |
| 6 mm | 1/4" | MPLCI 0602 |
| 6 mm | 3/8" | MPLCI 0603 |
| 8 mm | 1/8" | MPLCI 0801 |
| 8 mm | 1/4" | MPLCI 0802 |
| 8 mm | 3/8" | MPLCI 0803 |
| 10 mm | 1/4" | MPLCI 1002 |
| 10 mm | 3/8" | MPLCI 1003 |
| 12 mm | 1/4" | MPLCI 1202 |
| 12 mm | 3/8" | MPLCI 1203 |
| 12 mm | 1/2" | MPLCI 1204 |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

TrAle®

## Auto. Met.-codo microrregulador p/cilindro M BSP cilíndrico c/junta

Push-in Met.-elbow speed controller for cylinder M BSP parallel w/o'ring
Push-in mét. - Microrégulateur pour vérins cylindrique M BSP cylindrique avec o'ring
Microregolatore cilindrico per cilindro con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | MSCL 0401 |
| 4 mm | 1/4" | MSCL 0402 |
| 6 mm | 1/8" | MSCL 0601 |
| 6 mm | 1/4" | MSCL 0602 |
| 6 mm | 3/8" | MSCL 0603 |
| 8 mm | 1/8" | MSCL 0801 |
| 8 mm | 1/4" | MSCL 0802 |
| 8 mm | 3/8" | MSCL 0803 |
| 10 mm | 1/4" | MSCL 1002 |

## Auto. Met.-T central giratorio M BSP cilíndrico c/junta

Push-in Met.-Tee central adjustable M BSP parallel w/o'ring
Push-in mét. - Té à piquage mâle tournant central BSP cylindrique avec o'ring
Automatico T maschio girevole cenTrale cilindrico con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | MPTCI 0401 |
| 6 mm | 1/8" | MPTCI 0601 |
| 6 mm | 1/4" | MPTCI 0602 |
| 8 mm | 1/8" | MPTCI 0801 |
| 8 mm | 1/4" | MPTCI 0802 |
| 8 mm | 3/8" | MPTCI 0803 |
| 10 mm | 1/4" | MPTCI 1002 |
| 10 mm | 3/8" | MPTCI 1003 |
| 12 mm | 3/8" | MPTCI 1203 |

## Auto. Met.-T lateral giratorio M BSP cilíndrico c/junta

Push-in Met.-Tee lateral adjustable M BSP parallel w/o'ring
Push-in mét. - Té à piquage mâle tournant latéral BSP cylindrique avec o'ring
Automatico T maschio girevole laterale cilindrico con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | MPSTCI 0401 |
| 4 mm | 1/4" | MPSTCI 0402 |
| 6 mm | 1/8" | MPSTCI 0601 |
| 6 mm | 1/4" | MPSTCI 0602 |
| 6 mm | 3/8" | MPSTCI 0603 |
| 8 mm | 1/8" | MPSTCI 0801 |
| 8 mm | 1/4" | MPSTCI 0802 |
| 8 mm | 3/8" | MPSTCI 0803 |
| 10 mm | 1/4" | MPSTCI 1002 |

## Auto. Met.-intermedio

Push-in Met.-union
Push-in métallique - Union à piquage
Automatico intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | MPUC 04 |
| 6 mm | MPUC 06 |
| 8 mm | MPUC 08 |
| 10 mm | MPUC 10 |
| 12 mm | MPUC 12 |

## Auto. Met.-intermedio pasatabique tuerca métrica

Push-in Met.-union bulkhead w/metric nut
Push-in métallique - Piquage passe-cloison cylindrique
Automatico intermedio passaparete cilindrico



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | M12X1 | MPMM 04 |
| 6 mm | M14X1 | MPMM 06 |
| 8 mm | M16X1 | MPMM 08 |
| 10 mm | M20X1 | MPMM 10 |
| 12 mm | M22X1 | MPMM 12 |

## Auto. Met.-codo intermedio

Push-in Met.-elbow union
Push-in technopolymère - Union à piquage
Automatico intermedio a 90



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | MPUL 04 |
| 6 mm | MPUL 06 |
| 8 mm | MPUL 08 |
| 10 mm | MPUL 10 |

## Auto. Met.-T intermedio

Push-in Met.-Tee union
Push-in métallique - Piquage en Té intermédiaire
Automatico T intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | MPUT 04 |
| 6 mm | MPUT 06 |
| 8 mm | MPUT 08 |
| 10 mm | MPUT 10 |
| 12 mm | MPUT 12 |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

## Auto. Met.-Y intermedio

Push-in Met.-Y union

Push-in métallique - Piquage en Y

Automatico intermedio a Y



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | **MPY 04** |
| 6 mm | **MPY 06** |
| 8 mm | **MPY 08** |
| 10 mm | **MPY 10** |
| 12 mm | **MPY 12** |

## Tapón insertable para automático

Plug-in for Push-in

Piquage bouchon

Automatico tappo



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4 mm | **TAP 04** |
| 6 mm | **TAP 06** |
| 8 mm | **TAP 08** |
| 10 mm | **TAP 10** |
| 12 mm | **TAP 12** |

## Insertable para automático cuerpo metálico M BSP

Plug-in for Push-in M BSP

Insertable pour adapteur M BSP cylindrique corps métallique

Adattatore maschio cilindrico



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4 mm | 1/8" | **50600 4 1/8** |
| 6 mm | 1/8" | **50600 6 1/8** |
| 6 mm | 1/4" | **50600 6 1/4** |
| 8 mm | 1/8" | **50600 8 1/8** |
| 8 mm | 1/4" | **50600 8 1/4** |
| 8 mm | 3/8" | **50600 8 3/8** |
| 10 mm | 1/4" | **50600 10 1/4** |
| 10 mm | 3/8" | **50600 10 3/8** |
| 12 mm | 1/4" | **50600 12 1/4** |
| 12 mm | 3/8" | **50600 12 3/8** |

# Conexión Push-in automático

Push-in Fittings
Raccords Automatiques Push-in
Raccordi automatici Push-in

316 STAINLESS STEEL · ACERO INOXIDABLE

TrAle®

## Auto. Inox.-M BSPT cónico

Push-in stainless steel-M BSPT tapered

Push-in en acier inoxydable-M BSPT conique

Push-in acciaio inossidabile-M BSPT conico



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6mm | 1/8" | **ZPC 0601** |
| 6mm | 1/4" | **ZPC 0602** |
| 8mm | 1/8" | **ZPC 0801** |
| 8mm | 1/4" | **ZPC 0802** |
| 8mm | 3/8" | **ZPC 0803** |

## Auto. Inox.-codo giratorio M BSPT cónico

Push-in stainless steel-elbow adjustable M BSPT tapered

Coude réglable en acier inoxydable M BSPT conique

Push-in inox-gomito regolabile M BSPT rastremato



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6mm | 1/8" | **ZPL 0601** |
| 6mm | 1/4" | **ZPL 0602** |
| 8mm | 1/8" | **ZPL 0801** |
| 8mm | 1/4" | **ZPL 0802** |
| 8mm | 3/8" | **ZPL 0803** |

## Auto. Pol.-M BSP cilíndrico

Push-in stainless steel-M BSP

Push-in en acier inoxydable-M BSP

Push-in acciaio inossidabile-M BSP



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6mm | 1/8" | **ZPCCI 0601** |
| 6mm | 1/4" | **ZPCCI 0602** |
| 8mm | 1/8" | **ZPCCI 0801** |
| 8mm | 1/4" | **ZPCCI 0802** |
| 8mm | 3/8" | **ZPCCI 0803** |

## Auto. Inox.-codo giratorio M BSP cilíndrico c/junta

Push-in stainless steel-elbow adjustable M BSP w/o'ring

Coude réglable en acier inoxydable M BSP sans joint torique

Push-in in acciaio inox-gomito regolabile M BSP senza anello



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6mm | 1/8" | **ZPLCI 0601** |
| 6mm | 1/4" | **ZPLCI 0602** |
| 8mm | 1/8" | **ZPLCI 0801** |
| 8mm | 1/4" | **ZPLCI 0802** |
| 8mm | 3/8" | **ZPLCI 0803** |

## Auto. Inox.-intermedio

Push-in stainless steel-union

Raccord enfichable en acier inoxydable

Raccordo a pressione in acciaio inossidabile



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6mm | **ZPUC 06** |
| 8mm | **ZPUC 08** |
| 10mm | **ZPUC 10** |

## Auto. Inox.-T intermedio

Push-in stainless steel-Tee unión

Té union en acier inoxydable enfichable

Raccordo a T a pressione in acciaio inossidabile



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6mm | **ZPUT 06** |
| 8mm | **ZPUT 08** |
| 10mm | **ZPUT 10** |

# Conexión con espiga

Hose tail-M BSPT tapered
Raccords avec embout
Raccordi con inserto

## Espiga-M BSPT cónico

Hose tail-M BSPT tapered

Douille mâle BSPT conique

Inserto maschio cilindrico senza o-ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 mm | 1/8" | **3040 6 1/8** |
| 6 mm | 1/4" | **3040 6 1/4** |
| 7 mm | 1/8" | **3040 7 1/8** |
| 7 mm | 1/4" | **3040 7 1/4** |
| 8 mm | 1/8" | **3040 8 1/8** |
| 8 mm | 1/4" | **3040 8 1/4** |
| 9 mm | 1/8" | **3040 9 1/8** |
| 9 mm | 1/4" | **3040 9 1/4** |
| 9 mm | 3/8" | **3040 9 3/8** |
| 9 mm | 1/2" | **3040 9 1/2** |
| 10 mm | 1/4" | **3040 10 1/4** |
| 10 mm | 3/8" | **3040 10 3/8** |
| 10 mm | 1/2" | **3040 10 1/2** |
| 12 mm | 1/4" | **3040 12 1/4** |
| 12 mm | 3/8" | **3040 12 3/8** |
| 12 mm | 1/2" | **3040 12 1/2** |
| 14 mm | 3/8" | **3040 14 3/8** |
| 16 mm | 3/8" | **3040 16 3/8** |
| 14 mm | 1/2" | **3040 14 1/2** |
| 16 mm | 1/2" | **3040 16 1/2** |

## Espiga doble

Doble hose tail connector

Douille double jonction

Inserto doppio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6 mm | **3055 6** |
| 8 mm | **3055 8** |
| 10 mm | **3055 10** |

## Espiga-M BSP cilíndrico C/J

Hose tail-M BSP parallel w.o-ring

Douille mâle BSP cylindrique avec joint

Inserto maschio cilindrico con o-ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 7 mm | 1/8" | **3045 7 1/8** |
| 7 mm | 1/4" | **3045 7 1/4** |
| 8 mm | 1/8" | **3045 8 1/8** |
| 9 mm | 1/8" | **3045 9 1/8** |
| 9 mm | 1/4" | **3045 9 1/4** |
| 9 mm | 3/8" | **3045 9 3/8** |
| 12 mm | 1/4" | **3045 12 1/4** |
| 12 mm | 3/8" | **3045 12 3/8** |
| 12 mm | 1/2" | **3045 12 1/2** |

## Espiga-H BSP cilíndrico

Hose tail-F BSP parallel

Douille femelle BSP cylindrique

Inserto femmina



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6 mm | 1/8" | **3050 6 1/8** |
| 7 mm | 1/8" | **3050 7 1/8** |
| 7 mm | 1/4" | **3050 7 1/4** |
| 8 mm | 1/4" | **3050 8 1/4** |
| 9 mm | 1/4" | **3050 9 1/4** |
| 9 mm | 3/8" | **3050 9 3/8** |
| 10 mm | 3/8" | **3050 10 3/8** |
| 12 mm | 3/8" | **3050 12 3/8** |
| 12 mm | 1/2" | **3050 12 1/2** |

## Espiga-M BSP cilíndrico sin junta

Hose tail-M BSP parallell without o'ring

Douille mâle BSP cylindrique sans joint

Inserto maschio cilindrico senza giunta



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 9 mm | 3/8" | **3045A 9 3/8** |
| 12 mm | 1/4" | **3045A 12 1/4** |
| 12 mm | 1/2" | **3045A 12 1/2** |

**Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

# Conexión Push-on

Push-on Fittings
Raccords Push-on
Raccordi Push-on

## Push-on-M BSPT cónico

Push-on-M BSPT tapered

Raccord droit mâle conique

Raccordo maschio conico



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2,7 mm | 1/8" | **1000 4/2.7 1/8** |
| 6/4 mm | 1/8" | **1000 6/4 1/8** |
| 6/4 mm | 1/4" | **1000 6/4 1/4** |
| 6/4 mm | 3/8" | **1000 6/4 3/8** |
| 8/6 mm | 1/8" | **1000 8/6 1/8** |
| 8/6 mm | 1/4" | **1000 8/6 1/4** |
| 8/6 mm | 3/8" | **1000 8/6 3/8** |
| 8/6 mm | 1/2" | **1000 8/6 1/2** |
| 10/8 mm | 1/4" | **1000 10/8 1/4** |
| 10/8 mm | 3/8" | **1000 10/8 3/8** |
| 10/8 mm | 1/2" | **1000 10/8 1/2** |
| 12/10 mm | 3/8" | **1000 12/10 3/8** |
| 12/10 mm | 1/2" | **1000 12/10 1/2** |

## Push-on-giratorio M BSPT cónico

Push-on-adjustable M BSPT tapered

Raccord droit mâle tournant conique

Raccordo maschio conico girevole



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1010 6/4 1/8** |
| 6/4 mm | 1/4" | **1010 6/4 1/4** |
| 8/6 mm | 1/8" | **1010 8/6 1/8** |
| 8/6 mm | 1/4" | **1010 8/6 1/4** |
| 10/8 mm | 1/4" | **1010 10/8 1/4** |
| 12/10 mm | 3/8" | **1010 12/10 3/8** |

## Push-on-codo M BSPT cónico

Push-on-elbow M BSPT tapered

Raccord coudé mâle conique

Raccordo a 90 maschio conico



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2,7 mm | 1/8" | **1100 4/2.7 1/8** |
| 6/4 mm | 1/8" | **1100 6/4 1/8** |
| 6/4 mm | 1/4" | **1100 6/4 1/4** |
| 6/4 mm | 3/8" | **1100 6/4 3/8** |
| 8/6 mm | 1/8" | **1100 8/6 1/8** |
| 8/6 mm | 1/4" | **1100 8/6 1/4** |
| 8/6 mm | 3/8" | **1100 8/6 3/8** |
| 8/6 mm | 1/2" | **1100 8/6 1/2** |
| 10/8 mm | 1/4" | **1100 10/8 1/4** |
| 10/8 mm | 3/8" | **1100 10/8 3/8** |
| 10/8 mm | 1/2" | **1100 10/8 1/2** |
| 12/10 mm | 3/8" | **1100 12/10 3/8** |
| 12/10 mm | 1/2" | **1100 12/10 1/2** |

## Push-on-codo giratorio M BSPT cónico

Push-on-elbow adjustable M BSPT tapered

Raccord coudé tournant mâle conique

Raccordo a 90 maschio conico girevole



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2,7 mm | 1/8" | **1110 4/2.7 1/8** |
| 6/4 mm | 1/8" | **1110 6/4 1/8** |
| 6/4 mm | 1/4" | **1110 6/4 1/4** |
| 8/6 mm | 1/8" | **1110 8/6 1/8** |
| 8/6 mm | 1/4" | **1110 8/6 1/4** |
| 10/8 mm | 1/4" | **1110 10/8 1/4** |

## Push-on-T central giratorio M BSPT cónico

Push-on-Tee central adjustable M BSPT tapered

Raccord en té avec tournant mâle central

Raccordo a Tmaschio conico girevole cenTrale



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1210 6/4 1/8** |
| 6/4 mm | 1/4" | **1210 6/4 1/4** |
| 8/6 mm | 1/8" | **1210 8/6 1/8** |
| 8/6 mm | 1/4" | **1210 8/6 1/4** |
| 10/8 mm | 1/4" | **1210 10/8 1/4** |

## Push-on-T lateral M BSPT cónico

Push-on-Tee lateral M BSPT tapered

Raccord en té avec mâle conique latéral

Raccordo a Y laterale conico maschio



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1220 6/4 1/8** |
| 6/4 mm | 1/4" | **1220 6/4 1/4** |
| 8/6 mm | 1/8" | **1220 8/6 1/8** |
| 8/6 mm | 1/4" | **1220 8/6 1/4** |
| 10/8 mm | 1/4" | **1220 10/8 1/4** |
| 10/8 mm | 3/8" | **1220 10/8 3/8** |
| 12/10 mm | 3/8" | **1220 12/10 3/8** |

# Conexión Push-on

Push-on Fittings
Raccords Push-on
Raccordi Push-on

## Push-on-M BSP cilíndrico/M métrico c/junta

Push-on-M BSP/M metric w/o'ring parallel

Raccord droit mâle cylindrique avec o'ring

Raccordo maschio cilindrico con o-ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2.7 mm | 1/8" | **1020 4/2.7 1/8** |
| 6/4 mm | 1/8" | **1020 6/4 1/8** |
| 6/4 mm | 1/4" | **1020 6/4 1/4** |
| 6/4 mm | 3/8" | **1020 6/4 3/8** |
| 6/4 mm | 1/2" | **1020 6/4 1/2** |
| 8/6 mm | 1/8" | **1020 8/6 1/8** |
| 8/6 mm | 1/4" | **1020 8/6 1/4** |
| 8/6 mm | 3/8" | **1020 8/6 3/8** |
| 10/8 mm | 1/4" | **1020 10/8 1/4** |
| 10/8 mm | 3/8" | **1020 10/8 3/8** |
| 10/8 mm | 1/2" | **1020 10/8 1/2** |
| 12/10 mm | 3/8" | **1020 12/10 3/8** |
| 12/10 mm | 1/2" | **1020 12/10 1/2** |
| 6/4 mm | M5 | **1021 6/4 M5** |
| 6/4 mm | M6 | **1021 6/4 M6** |

## Push-on-H BSP cilíndrico

Push-on-F BSP parallel

Raccord droit femelle

Raccordo femmina



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1030 6/4 1/8** |
| 6/4 mm | 1/4" | **1030 6/4 1/4** |
| 6/4 mm | 3/8" | **1030 6/4 3/8** |
| 8/6 mm | 1/8" | **1030 8/6 1/8** |
| 8/6 mm | 1/4" | **1030 8/6 1/4** |
| 8/6 mm | 3/8" | **1030 8/6 3/8** |
| 8/6 mm | 1/2" | **1030 8/6 1/2** |
| 10/8 mm | 1/4" | **1030 10/8 1/4** |
| 10/8 mm | 3/8" | **1030 10/8 3/8** |
| 10/8 mm | 1/2" | **1030 10/8 1/2** |
| 12/10 mm | 3/8" | **1030 12/10 3/8** |

## Push-on-codo giratorio M BSP cilíndrico c/junta

Push-on-elbow adjustable M BSP parallel w/o'ring

Raccord coudé tournant mâle cylindrique avec o'ring

Raccordo a 90 maschio girevole con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2.7 mm | 1/8" | **1115 4/2.7 1/8** |
| 6/4 mm | 1/4" | **1115 6/4 1/4** |
| 8/6 mm | 1/8" | **1115 8/6 1/8** |
| 8/6 mm | 1/4" | **1115 8/6 1/4** |
| 10/8 mm | 1/4" | **1115 10/8 1/4** |

## Push-on-codo H BSP cilíndrico

Push-on-elbow F BSP parallel

Raccord coudé femelle

Raccordo a 90 femmina fissa



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1120 6/4 1/8** |
| 6/4 mm | 1/4" | **1120 6/4 1/4** |
| 8/6 mm | 1/8" | **1120 8/6 1/8** |
| 8/6 mm | 1/4" | **1120 8/6 1/4** |
| 10/8 mm | 1/4" | **1120 10/8 1/4** |
| 10/8 mm | 3/8" | **1120 10/8 3/8** |

## Push-on-T central giratorio M BSP cilíndrico c/junta

Push-on-Tee central adjustable M BSP parallel w/o'ring

Raccord en té avec tournant mâle central avec o'ring

Raccordo a Tmaschio girevole cenTrale con o'ring



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1215 6/4 1/8** |
| 6/4 mm | 1/4" | **1215 6/4 1/4** |
| 8/6 mm | 1/8" | **1215 8/6 1/8** |
| 8/6 mm | 1/4" | **1215 8/6 1/4** |
| 10/8 mm | 1/4" | **1215 10/8 1/4** |

## Tuerca para push-on rosca métrica

Nut for Push-on metric thread

Vis de fixation

Dado di fissaggio



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2.7 mm | M6X0,5 | **1700 4/2.7** |
| 6/4 mm | M10X1 | **1700 6/4** |
| 8/6 mm | M12x1 | **1700 8/6** |
| 10/8 mm | M14X1 | **1700 10/8** |
| 12/10 mm | M16X1 | **1700 12/10** |

## Push-on-intermedio

Push-on-Union

Raccord intermédiaire

Raccordo intermedio



| TUBO PIPE | | Referencia Part n° |
|---|---|---|
| 4/2.7 mm | 4/2.7 mm | **1040 4/2.7** |
| 6/4 mm | 6/4 mm | **1040 6/4** |
| 8/6 mm | 6/4 mm | **1040 8/6 6/4** |
| 8/6 mm | 8/6 mm | **1040 8/6** |
| 10/8 mm | 6/4 mm | **1040 10/8 6/4** |
| 10/8 mm | 8/6 mm | **1040 10/8 8/6** |
| 10/8 mm | 10/8 mm | **1040 10/8** |
| 12/10 mm | 12/10 mm | **1040 12/10** |

# Conexión Push-on

Push-on Fittings
Raccords Push-on
Raccordi Push-on

## Push-on-intermedio pasatabique c/tuerca métrica

Push-on-Union bulkhead w/metric nut

Raccord passe-cloison

Raccordo passaparete



| TUBO PIPE | | ROSCA THREAD | Referencia Part n° |
|---|---|---|---|
| 4/2.7 mm | 4/2.7 mm | M6x0,5 | **1050 4/2.7** |
| 6/4 mm | 6/4 mm | M10x1 | **1050 6/4** |
| 8/6 mm | 6/4 mm | M12x1 | **1050 8/6X6/4** |
| 8/6 mm | 8/6 mm | M12x1 | **1050 8/6** |
| 10/8 mm | 6/4 mm | M14x1 | **1050 10/8X6/4** |
| 10/8 mm | 8/6 mm | M14x1 | **1050 10/8X8/6** |
| 10/8 mm | 10/8 mm | M14x1 | **1050 10/8** |
| 12/10 mm | 12/10 mm | M16x1 | **1050 12/10** |

## Push-on-cuerpo orientable

Push-on-Banjo body

Banjo simple

Occhio orientabile semplice



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2.7 mm | 1/8" | **1500 4/2.7 1/8** |
| 6/4 mm | 1/8" | **1500 6/4 1/8** |
| 6/4 mm | 1/4" | **1500 6/4 1/4** |
| 6/4 mm | 3/8" | **1500 6/4 3/8** |
| 6/4 mm | M6 | **1500 6/4 M6** |
| 8/6 mm | 1/8" | **1500 8/6 1/8** |
| 8/6 mm | 1/4" | **1500 8/6 1/4** |
| 8/6 mm | 3/8" | **1500 8/6 3/8** |
| 8/6 mm | 1/2" | **1500 8/6 1/2** |
| 10/8 mm | 1/8" | **1500 10/8 1/8** |
| 10/8 mm | 1/4" | **1500 10/8 1/4** |
| 10/8 mm | 3/8" | **1500 10/8 3/8** |
| 10/8 mm | 1/2" | **1500 10/8 1/2** |
| 12/10 mm | 3/8" | **1500 12/10 3/8** |
| 12/10 mm | 1/2" | **1500 12/10 1/2** |

## Push-on doble-Cuerpo orientable

Dual Push-on-Banjo body

Banjo double

Occhio orientabile doppio



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 4/2.7 mm | 1/8" | **1510 4/2.7 1/8** |
| 6/4 mm | 1/8" | **1510 6/4 1/8** |
| 6/4 mm | 1/4" | **1510 6/4 1/4** |
| 6/4 mm | 3/8" | **1510 6/4 3/8** |
| 8/6 mm | 1/8" | **1510 8/6 1/8** |
| 8/6 mm | 1/4" | **1510 8/6 1/4** |
| 8/6 mm | 3/8" | **1510 8/6 3/8** |
| 8/6 mm | 1/2" | **1510 8/6 1/2** |
| 10/8 mm | 1/8" | **1510 10/8 1/8** |
| 10/8 mm | 1/4" | **1510 10/8 1/4** |
| 10/8 mm | 3/8" | **1510 10/8 3/8** |
| 10/8 mm | 1/2" | **1510 10/8 1/2** |
| 12/10 mm | 3/8" | **1510 12/10 3/8** |
| 12/10 mm | 1/2" | **1510 12/10 1/2** |

## Tornillo orientable simple M BSP cilíndrico/M métrico

Simple banjo bolt M BSP parallel/M metric

Vis pour banjo simple

Bullone forato singolo



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M5 | **51410 M5** |
| M6 | **51410 M6** |
| M12x1.5 | **51410 M12** |
| 1/8" | **51410 1/8** |
| 1/4" | **51410 1/4** |
| 3/8" | **51410 3/8** |
| 1/2" | **51410 1/2** |

## Tornillo orientable doble M BSP cilindrico

Double banjo bolt M BSP parallel

Vis pour banjo double

Bullone forato doppio



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **51420 1/8** |
| 1/4" | **51420 1/4** |
| 3/8" | **51420 3/8** |
| 1/2" | **51420 1/2** |

## Push-on-codo intermedio

Push-on-elbow union

Raccord coudé intermédiaire

Raccordo a 90 intermedio



| TUBO PIPE | | Referencia Part n° |
|---|---|---|
| 4/2.7 mm | 4/2.7 mm | **1130 4/2.7** |
| 6/4 mm | 6/4 mm | **1130 6/4** |
| 8/6 mm | 6/4 mm | **1130 8/6 6/4** |
| 8/6 mm | 8/6 mm | **1130 8/6** |
| 10/8 mm | 10/8 mm | **1130 10/8** |
| 12/10 mm | 12/10 mm | **1130 12/10** |

## Push-on-T intermedio

Push-on-Tee union

Raccord en té intermédiaire

Raccordo a T intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 4/2.7 mm | **1230 4/2.7** |
| 6/4 mm | **1230 6/4** |
| 8/6 mm | **1230 8/6** |
| 10/8 mm | **1230 10/8** |
| 12/10 mm | **1230 12/10** |

# Conexión Push-on

Push-on Fittings
Raccords Push-on
Raccordi Push-on

## Push-on-cruz intermedio

Push-on-cross union

Raccord en croix intermédiaire

Raccordo a croce intermedio



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | **1300 6/4** |
| 8/6 mm | **1300 8/6** |
| 10/8 mm | **1300 10/8** |
| 12/10 mm | **1300 12/10** |

## Push-on c/muelle-M BSPT cónico

Push-on w/nut+spring-M BSPT tapered

Raccord droit mâle conique avec ressort

Raccordo maschio conico+molla



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1025 6/4 1/8** |
| 6/4 mm | 1/4" | **1025 6/4 1/4** |
| 8/6 mm | 1/8" | **1025 8/6 1/8** |
| 8/6 mm | 1/4" | **1025 8/6 1/4** |
| 8/6 mm | 3/8" | **1025 8/6 3/8** |
| 8/6 mm | 1/2" | **1025 8/6 1/2** |
| 10/8 mm | 1/8" | **1025 10/8 1/8** |
| 10/8 mm | 1/4" | **1025 10/8 1/4** |
| 10/8 mm | 3/8" | **1025 10/8 3/8** |
| 10/8 mm | 1/2" | **1025 10/8 1/2** |
| 12/10 mm | 3/8" | **1025 12/10 3/8** |
| 12/10 mm | 1/2" | **1025 12/10 1/2** |

## Push-on c/muelle-M BSP cilíndrico c/junta

Push-on w/nut+spring-M BSP w/o'ring parallel

Raccord droit mâle cylindrique avec ressort

Raccordo maschio +molla



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1028 6/4 1/8** |
| 6/4 mm | 1/4" | **1028 6/4 1/4** |
| 6/4 mm | 3/8" | **1028 6/4 3/8** |
| 6/4 mm | 1/2" | **1028 6/4 1/2** |
| 8/6 mm | 1/8" | **1028 8/6 1/8** |
| 8/6 mm | 1/4" | **1028 8/6 1/4** |
| 8/6 mm | 3/8" | **1028 8/6 3/8** |
| 8/6 mm | 1/2" | **1028 8/6 1/2** |
| 10/8 mm | 1/4" | **1028 10/8 1/4** |
| 10/8 mm | 3/8" | **1028 10/8 3/8** |
| 10/8 mm | 1/2" | **1028 10/8 1/2** |
| 12/10 mm | 3/8" | **1028 12/10 3/8** |
| 12/10 mm | 1/2" | **1028 12/10 1/2** |

## Push-on c/muelle-giratorio M BSP cilíndrico c/junta

Push-on w/nut+spring-adjustable M BSP w/o'ring parallel

Raccord droit tournant mâle cylindrique avec ressort

Raccordo maschio cilindricon girevole con molla



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1027 6/4 1/8** |
| 6/4 mm | 1/4" | **1027 6/4 1/4** |
| 8/6 mm | 1/4" | **1027 8/6 1/8** |
| 8/6 mm | 1/4" | **1027 8/6 1/4** |
| 10/8 mm | 1/4" | **1027 10/8 1/4** |
| 12/10 mm | 3/8" | **1027 12/10 3/8** |

## Push-on c/muelle-H BSP cilíndrico

Push-on w/nut+spring-F BSP parallel

Raccord droit femelle avec ressort

Raccordo femmina+molla



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | 1/8" | **1035 6/4 1/8** |
| 6/4 mm | 1/4" | **1035 6/4 1/4** |
| 6/4 mm | 3/8" | **1035 6/4 3/8** |
| 8/6 mm | 1/8" | **1035 8/6 1/8** |
| 8/6 mm | 1/4" | **1035 8/6 1/4** |
| 8/6 mm | 3/8" | **1035 8/6 3/8** |
| 8/6 mm | 1/2" | **1035 8/6 1/2** |
| 10/8 mm | 1/4" | **1035 10/8 1/4** |
| 10/8 mm | 3/8" | **1035 10/8 3/8** |
| 10/8 mm | 1/2" | **1035 10/8 1/2** |
| 12/10 mm | 3/8" | **1035 12/10 3/8** |

## Push-on c/muelle-Tuerca de fijación métrica

Push-on w/nut+spring-fixing nut F Métrica parallel

Vis de fixation avec ressort

Dado di fissaggio con molla



| TUBO PIPE | ROSCA THREAD | Referencia Part n° |
|---|---|---|
| 6/4 mm | M10x1 | **1710 6/4** |
| 8/6 mm | M12x1 | **1710 8/6** |
| 10/8 mm | M14x1 | **1710 10/8** |
| 12/10 mm | M16x1 | **1710 12/10** |

# Adaptador

Adaptors
Adaptateurs
Adattatori

## Adaptador M BSPT cónico

Adaptor M BSPT tapered

Adapteur mâle BSPT conique

Maschio conico BSPT



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **2000 1/8** |
| 1/4" | **2000 1/4** |
| 3/8" | **2000 3/8** |
| 1/2" | **2000 1/2** |
| 3/4" | **2000 3/4** |
| 1" | **2000 1** |

## Tapón reductor M BSPT cónico-H BSP cilíndrica

Reducer M BSPT tapered-F BSP parallel

Bouchon reducteur mâle BSPT conique- femelle BSP cilindrique

Tappo di riduzione M BSPT – F BSP



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/4" | 1/8" | **2080 1/4 1/8** |
| 3/8" | 1/8" | **2080 3/8 1/8** |
| 3/8" | 1/4" | **2080 3/8 1/4** |
| 1/2" | 1/4" | **2080 1/2 1/8** |
| 1/2" | 1/4" | **2080 1/2 1/4** |
| 1/2" | 3/8" | **2080 1/2 3/8** |
| 3/4" | 3/8" | **2080 3/4 3/8** |
| 3/4" | 1/2" | **2080 3/4 1/2** |
| 1" | 1/2" | **2080 1 1/2** |

## Reductor M BSPT cónico

Reducer M BSPT tapered

Réducteur mâle BSPT conique

Riduzione Maschio BSPT



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/4" | **2020 1/8-1/4** |
| 1/8" | 3/8" | **2020 1/8 3/8** |
| 1/8" | 1/2" | **2020 1/8 1/2** |
| 1/4" | 1/2" | **2020 1/4 1/2** |
| 1/4" | 3/8" | **2020 1/4-3/8** |
| 3/8" | 1/2" | **2020 3/8-1/2** |
| 1/2" | 3/4" | **2020 1/2 3/4** |

## Prolongador M BSPT cónico - H BSP cilíndrico

Extensor M BSPT tapered - F BSP parallel

Prolongateur mâle BSPT conique - femelle BSP cylindrique

Prolunga M BSPT – F BSP



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" | **2040 1/8 1/8** |
| 1/8" | 1/4" | **2040 1/8 1/4** |
| 1/8" | 3/8" | **2040 1/8 3/8** |
| 1/4" | 1/4" | **2040 1/4 1/4** |
| 1/4" | 3/8" | **2040 1/4 3/8** |
| 1/4" | 1/2" | **2040 1/4 1/2** |
| 3/8" | 3/8" | **2040 3/8 3/8** |
| 3/8" | 1/2" | **2040 3/8 1/2** |
| 1/2" | 3/8" | **2040 1/2 3/8** |
| 1/2" | 1/2" | **2040 1/2 1/2** |
| 1/2" | 3/4" | **2040 1/2 3/4** |

## Prolongador pasatabique rosca M métrico-H BSP cilíndrica/métrica

Extensor bulkhead w/metric M - F BSP parallel/metric

Prolongateur passe-cloison filetage métrique Mâle.-Fem. BSP cilindrique/métrique

Prolunga Passaparete M – F BSP/metrica cil.



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M10x1 | M5 | **3060 M5** |
| M16x1,5 | 1/8" | **3060 1/8** |
| M14x1,5 | 1/8" | **3060 1/8 M14** |
| M20x1,5 | 1/4" | **3060 1/4** |
| M26x1,5 | 3/8" | **3060 3/8** |
| M28x15 | 1/2" | **3060 1/2** |

## Adaptador M BSP cilíndrico

Adaptor M BSP parallel

Adapteur mâle BSP cylindrique

Addatatori cilindrico M BSP



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **2010 1/8** |
| 1/4" | **2010 1/4** |
| 3/8" | **2010 3/8** |
| 1/2" | **2010 1/2** |
| 3/4" | **2010 3/4** |
| 1" | **2010 1** |

# Adaptador

Adaptors
Adaptateurs
Adattatori

## Reductor M métrico/M BSP cilíndrico

Reducer M BSP parallel / M metric

Réducteur mâle métrique-mâle BSP cylindrique

Maschio cilindrico di riduzione



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| M5 | 1/8" | **2030 M5 1/8** |
| 1/8" | 1/4" | **2030 1/8 1/4** |
| 1/8" | 3/8" | **2030 1/8 3/8** |
| 1/4" | 3/8" | **2030 1/4 3/8** |
| 1/4" | 1/2" | **2030 1/4 1/2** |
| 3/8" | 1/2" | **2030 3/8 1/2** |
| 1/2" | 3/4" | **2030 1/2 3/4** |

## Tapón reductor M BSP cilíndrico/Métrico-H BSP cilíndrico

Reducer M BSP parallel - F BSP parallel

Bouchon réducteur mâle BSP cylindrique/métrique - fem. BSP cylindrique

Tappo di riduzione cilindrico



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| 1/8" | M5 | **2090 1/8 M5** |
| 1/4" | 1/8" | **2090 1/4 1/8** |
| 3/8" | 1/8" | **2090 3/8 1/8** |
| 3/8" | 1/4" | **2090 3/8 1/4** |
| 1/2" | 1/4" | **2090 1/2 1/4** |
| 1/2" | 3/8" | **2090 1/2 3/8** |
| 3/4" | 1/2" | **2090 3/4 1/2** |

## Prolongador M BSP cilíndrico/Métrico - H BSP cilíndrica

Extensor M BSP Parallel/M metric - F BSP parallel

Prolongateur mâle BSP cylindrique/métrique -fem. BSP cylindrique

Prolunga cilindrica standard



| ROSCA (M) THREAD (M) | ROSCA (H) THREAD (F) | Referencia Part n° |
|---|---|---|
| M5 | 1/8" | **2050 M5 1/8** |
| 1/8" | 1/8" | **2050 1/8 1/8** |
| 1/8" | 1/4" | **2050 1/8 1/4** |
| 1/4" | 1/4" | **2050 1/4 1/4** |
| 1/4" | 3/8" | **2050 1/4 3/8** |
| 3/8" | 3/8" | **2050 3/8 3/8** |
| 3/8" | 1/2" | **2050 3/8 1/2** |
| 1/2" | 1/2" | **2050 1/2 1/2** |

## Reductor H BSP cilíndrico

Reducer F BSP parallel

Réducteur femelle BSP cylindrique

Prolunga femmina di riduzione



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/4" | **3010 1/8 1/4** |
| 1/8" | 3/8" | **3010 1/8 3/8** |
| 1/4" | 3/8" | **3010 1/4 3/8** |
| 1/4" | 1/2" | **3010 1/4 1/2** |
| 3/8" | 1/2" | **3010 3/8 1/2** |
| 1/2" | 3/4" | **3010 1/2 3/4** |

## Prolongador extra M-H BSP cilíndrico

Extra extensor M-F BSP parallel

Prolongateur extra mâle -fem. BSP cylindrique

Prolunga cilindrica



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" | **2070 1/8 1/8 22** |
| 1/8" | 1/8" | **2070 1/8 1/8 42** |
| 1/4" | 1/4" | **2070 1/4 1/4 35** |
| 1/4" | 1/4" | **2070 1/4 1/4 51** |

## Orientable H BSP cilíndrico

Banjo F BSP parallel

Banjo femelle BSP cylindrique

Occhio filettato femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **6090 1/8** |
| 1/4" | **6090 1/4** |
| 3/8" | **6090 3/8** |

## Adaptador H BSP cilíndrico

Adaptor F BSP parallel

Manchon femelle BSP cylindrique

Prolunga femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **3000 1/8** |
| 1/4" | **3000 1/4** |
| 3/8" | **3000 3/8** |
| 1/2" | **3000 1/2** |
| 3/4" | **3000 3/4** |

## Tornillo orientable simple M BSP cilíndrico/M métrico

Simple banjo bolt M BSP parallel/M metric

Vis pour banjo simple mâle BSP cylindrique / mâle métrique

Bullone banjo semplice



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M5 | **51410 M5** |
| M6 | **51410 M6** |
| M12x1.5 | **51410 M12** |
| 1/8" | **51410 1/8** |
| 1/4" | **51410 1/4** |
| 3/8" | **51410 3/8** |
| 1/2" | **51410 1/2** |

# Adaptador

Adaptors
Adaptateurs
Adattatori

## Tornillo orientable doble M BSP cilíndrico

Double banjo bolt M BSP parallel

Vis pour banjo double mâle BSP cylindrique

Bullone forato doppio



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **51420 1/8** |
| 1/4" | **51420 1/4** |
| 3/8" | **51420 3/8** |
| 1/2" | **51420 1/2** |

## Tapón allen interior M BSPT cónico

Internal Allen plug M BSPT tapered

Bouchon mâle BSPT conique Allen intérieur

Tappo maschio conico Allen



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **3025 1/8** |
| 1/4" | **3025 1/4** |
| 3/8" | **3025 3/8** |
| 1/2" | **3025 1/2** |

## Tapón M BSPT cónico

Plug M BSPT tapered

Bouchon mâle BSPT conique

Tappo maschio conico



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **3021 1/8** |
| 1/4" | **3021 1/4** |
| 3/8" | **3021 3/8** |
| 1/2" | **3021 1/2** |

## Tapón allen M BSP cilíndrico c/junta

Allen plug M BSP parallel w/o-ring

Bouchon mâle BSP cylindrique Allen avec o-ring

Tappo maschio cilindrico Allen con o-ring



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **3015 1/8** |
| 1/4" | **3015 1/4** |
| 3/8" | **3015 3/8** |
| 1/2" | **3015 1/2** |

## Tapón M BSP cilíndrico

Plug M BSP parallel

Bouchon mâle BSP cylindrique

Tappo maschio cilindrico



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **3020 1/8** |
| 1/4" | **3020 1/4** |
| 3/8" | **3020 3/8** |
| 1/2" | **3020 1/2** |
| 3/4" | **3020 3/4** |

## Tapón H BSP cilíndrico

Cap F BSP parallel

Bouchon femelle BSP cylindrique

Tappo femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **3030 1/8** |
| 1/4" | **3030 1/4** |
| 3/8" | **3030 3/8** |
| 1/2" | **3030 1/2** |

# Adaptador

Adaptors
Adaptateurs
Adattatori

## Codo M BSPT cónico

Elbow M BSPT tapered

Raccord coudé mâle BSPT conique

Adattore a 90 maschio conico



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **5000 1/8** |
| 1/4" | **5000 1/4** |
| 3/8" | **5000 3/8** |
| 1/2" | **5000 1/2** |
| 3/4" | **5000 3/4** |

## Codo M BSPT cónico-H BSP cilíndrico

Elbow M BSPT tapered-F BSP

Raccord coudé mâle BSPT conique -femelle BSP cylindrique

Adattatore maschio conico-femmina



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" | **5020 1/8** |
| 1/4" | 1/4" | **5020 1/4** |
| 3/8" | 3/8" | **5020 3/8** |
| 1/2" | 1/2" | **5020 1/2** |
| 3/4" | 3/4" | **5020 3/4** |

## Codo H BSP cilíndrico

Elbow F BSP parallel

Raccord coudé femelle BSP cylindrique

Adattatore a 90 femmina



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | **5010 1/8** |
| 1/4" | **5010 1/4** |
| 3/8" | **5010 3/8** |
| 1/2" | **5010 1/2** |
| 3/4" | **5010 3/4** |

## T M BSPT cónico

Tee M BSPT tapered

Raccord en té mâle BSPT conique

Adattatore a T maschio conico



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" | **4010 1/8** |
| 1/4" | 1/4" | **4010 1/4** |
| 3/8" | 3/8" | **4010 3/8** |
| 1/2" | 1/2" | **4010 1/2** |
| 3/4" | 3/4" | **4010 3/4** |

## T central H BSP-M BSPT cónico-H BSP

Tee central F BSP -M BSPT -F BSP tapered

Raccord en té central femelle BSP - M BSPT conique - femelle BSP

Aadattatore a T maschio conico cenTrale



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" | **4040 1/8** |
| 1/4" | 1/4" | **4040 1/4** |
| 3/8" | 3/8" | **4040 3/8** |
| 1/2" | 1/2" | **4040 1/2** |
| 3/4" | 3/4" | **4040 3/4** |

## T lateral H BSP-H BSP-M BSPT cónico

Tee lateral F BSP -F BSP -M BSPT tapered

Raccord en té latéral femelle BSP - femelle BSP- M BSPT conique

Adatattore a T maschio conico laterale



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" | **4050 1/8** |
| 1/4" | 1/4" | **4050 1/4** |
| 3/8" | 3/8" | **4050 3/8** |
| 1/2" | 1/2" | **4050 1/2** |
| 3/4" | 3/4" | **4050 3/4** |

## T H BSP cilíndrico

Tee F BSP parallel

Raccord en té femelle BSP cylindrique

Adattatore a T femmina



| ROSCA THREAD | | Referencia Part n° |
|---|---|---|
| 1/8" | 1/8" | **4000 1/8** |
| 1/4" | 1/4" | **4000 1/4** |
| 3/8" | 3/8" | **4000 3/8** |
| 1/2" | 1/2" | **4000 1/2** |
| 3/4" | 3/4" | **4000 3/4** |

# Adaptador

Adaptors
Adaptateurs
Adattatori

## Y central H BSP cilíndrico-M BSPT cónico-H BSP cilíndrico

Y central F BSP -M BSPT -F BSP

Raccord en Y central femelle BSP cylindrique - mâle BSPT conique-femelle BSP cylindrique

Adattore a Y maschio



| ROSCA THREAD | | Referencia Part nº |
|---|---|---|
| 1/8" | 1/8" | **6000 1/8** |
| 1/4" | 1/4" | **6000 1/4** |
| 3/8" | 3/8" | **6000 3/8** |
| 1/2" | 1/2" | **6000 1/2** |

## Cruz M BSPT cónico

Cross M BSPT tapered

Raccord en croix mâle BSPT conique

Croce maschio



| ROSCA THREAD | Referencia Part nº |
|---|---|
| 1/8" | **6030 1/8** |
| 1/4" | **6030 1/4** |
| 3/8" | **6030 3/8** |
| 1/2" | **6030 1/2** |

## Cruz H BSP cilíndrico

Cross F BSP parallel

Raccord en croix femelle BSP cylindrique

Croce femmina



| ROSCA THREAD | Referencia Part nº |
|---|---|
| 1/8" | **6020 1/8** |
| 1/4" | **6020 1/4** |
| 3/8" | **6020 3/8** |
| 1/2" | **6020 1/2** |

## Cruz en taco H BSP cilíndrico

Cross in block F BSP parallel

Nourrices de distribution en croix taraudée

Croce in blocco



| ROSCA THREAD | Referencia Part nº |
|---|---|
| 1/8" | **6040 1/8** |
| 1/4" | **6040 1/4** |
| 3/8" | **6040 3/8** |
| 1/2" | **6040 1/2** |

## Regleta lateral en taco H BSP cilíndrico

Distribution manifold-F BSP parallel

Nourrices de distribution taraudée

Blocco a multiuscite



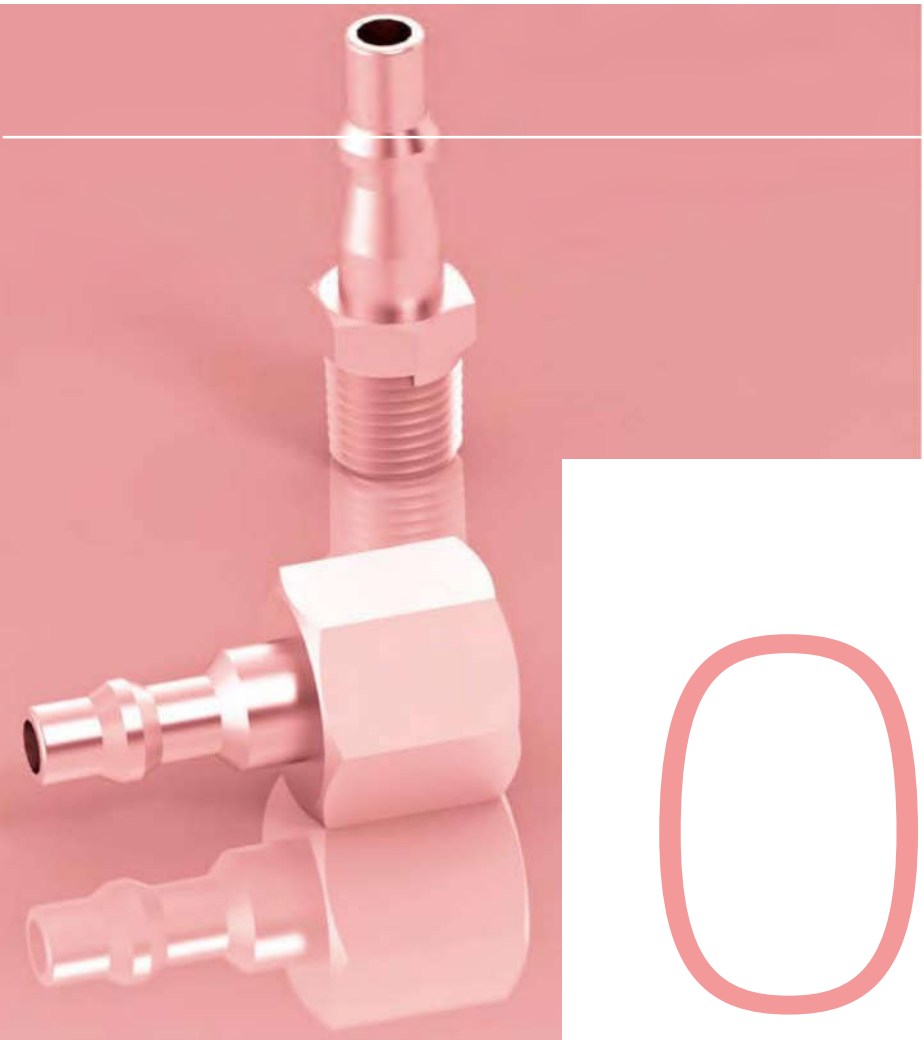
| ROSCA (LAT) THREAD (LAT) | ROSCA (CENT) THREAD (CENT) | Nº DE SALIDAS EXITS NR. | Referencia Part nº |
|---|---|---|---|
| 1/4" | 1/8" | 2 | **6047 1/4 1/8 2** |
| 1/4" | 1/8" | 3 | **6047 1/4 1/8 3** |
| 1/4" | 1/8" | 4 | **6047 1/4 1/8 4** |
| 1/4" | 1/8" | 5 | **6047 1/4 1/8 5** |
| 1/4" | 1/8" | 6 | **6047 1/4 1/8 6** |
| 3/8" | 1/4" | 2 | **6047 3/8 1/4 2** |
| 3/8" | 1/4" | 3 | **6047 3/8 1/4 3** |
| 3/8" | 1/4" | 4 | **6047 3/8 1/4 4** |
| 3/8" | 1/4" | 5 | **6047 3/8 1/4 5** |
| 3/8" | 1/4" | 6 | **6047 3/8 1/4 6** |
| 1/2" | 3/8" | 2 | **6047 1/2 3/8 2** |
| 1/2" | 3/8" | 3 | **6047 1/2 3/8 3** |
| 1/2" | 3/8" | 4 | **6047 1/2 3/8 4** |
| 1/2" | 3/8" | 5 | **6047 1/2 3/8 5** |
| 1/2" | 3/8" | 6 | **6047 1/2 3/8 6** |

**Enchufes mini - serie mignon** 420
Mini-serie mignon
Coupleurs mini - série mignon
Innesti mini- serie mignon

**Enchufes mini - serie uni ISO 6150 B-12** 421
Mini-serie uni ISO 6150 B-12
Coupleurs mini - série uni ISO 6150 B-12
Innesti Mini-serie uni ISO 6150 B-12

**Enchufes mini - serie multipresa** 422
Mini-serie multipress
Coupleurs mini - série multiprise
Innesti Mini-serie uni Multipresa

**Enchufes rápidos ESTO** 423
Quick release couplings "ESTO"
Coupleurs rapides type ESTO
Innesti rapidi tipo ESTO



# 03

# ENCHUFES RÁPIDOS NEUMÁTICOS

Quick release pneumatic couplings

Coupleurs pneumatiques

Innesti rapidi



# Enchufes mini - serie mignon

Mini-serie mignon
Coupleurs mini - série mignon
Innesti mini- serie mignon

Roscados ▪ Screw ▪ Fileté ▪ Filetati | 420


111


211


112


212

Con espiga ▪ With hose tail ▪ Avec embout ▪ Con adattatori | 420


115


215

Push-on ▪ Push-on ▪ Push-on ▪ Push-on | 420


114


214


113


213

# Enchufes mini - serie uni ISO 6150 B-12

Mini-serie uni ISO 6150 B-12
Coupleurs mini - série uni ISO 6150 B-12
Innesti Mini-serie uni ISO 6150 B-12

Roscados ▪ Screwed ▪ Fileté ▪ Filetati | 421


121


221


122


222

Con espiga ▪ With hose tail ▪ Avec embout ▪ Con adattatori | 421


125


225

Push-on ▪ Push-on ▪ Push-on ▪ Push-on | 421


223

# Enchufes mini - serie multipresa

Mini-serie multipress
Coupleurs mini - série multiprise
innesti Mini-serie uni Multipresa

Roscado ▪ Screw ▪ Fileté ▪ Filetati | 422


191


192

Con espiga ▪ With hose tail ▪ Avec embout ▪ Con adattatori | 422


195

Push-on ▪ Push-on ▪ Push-on ▪ Push-on | 422


194


193

# Enchufes rápidos ESTO

Quick release couplings "ESTO"
Coupleurs rapides type ESTO
Innesti rapidi tipo ESTO

Enchufes 1/4 ▪ Quick couplings 1/4 ▪ Coupleurs 1/4 ▪ Innesto 1/4 | 423


ESTO 1


ESTO 1


ESTO 1

Enchufes 3/8 ▪ Quick couplings 3/8 ▪ Coupleurs 3/8 ▪ Innesto 3/8 | 423


ESTO 3


ESTO 3

Enchufes 1/2 ▪ Quick couplings 1/2 ▪ Coupleurs 1/2 ▪ Innesto 1/2 | 423


ESTO 2


ESTO 2

# Enchufes mini - serie mignon

Mini-serie mignon
Coupleurs mini - série mignon
Innesti mini- serie mignon

TrAle®

## Enchufe Mignon hembra-M BSP cilíndrico

Coupling Mignon female - M BSP parallel

Coupleur femelle à mâle- série mignon

Innesto femmina a filetto mascho-serie mignon



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | 111 1/8 |
| 1/4" | 111 1/4 |
| 3/8" | 111 3/8 |

## Enchufe Mignon macho-M BSP cilíndrico

Coupling Mignon male - M BSP parallel

Coupleur mâle à mâle- série mignon

Innesto mascho a filetto mascho-serie mignon



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | 211 1/8 |
| 1/4" | 211 1/4 |
| 3/8" | 211 3/8 |

## Enchufe Mignon hembra-H BSP cilíndrico

Female socket-serie mignon

Coupleur femelle à femelle- série mignon

Innesto femmina a filetto femmina-serie mignon



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | 112 1/8 |
| 1/4" | 112 1/4 |
| 3/8" | 112 3/8 |

## Enchufe Mignon macho-H BSP cilíndrico

Coupling Mignon male-F BSP parallel

Coupleur mâle à femelle- série mignon

Innesto mascho a filetto femmina-serie mignon



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/8" | 212 1/8 |
| 1/4" | 212 1/4 |
| 3/8" | 212 3/8 |

## Enchufe Mignon hembra-espiga

Coupling Mignon female-hose tail

Coupleur femelle à douille- série mignon

Innesto femmina ad inserto-serie mignon



| DN | Referencia Part n° |
|---|---|
| 4 | 115 4 |
| 6 | 115 6 |
| 8 | 115 8 |

## Enchufe Mignon macho-espiga

Coupling Mignon male-hose tail

Coupleur mâle à douille- série mignon

Innesto mascho ad inserto-serie mignon



| DN | Referencia Part n° |
|---|---|
| 4 | 215 4 |
| 6 | 215 6 |
| 8 | 215 8 |

## Enchufe Mignon hembra-push-on

Coupling Mignon female-push-on

Coupleur femelle à tube- série mignon

Innesto femmina a tubo-serie mignon



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | 114 6/4 |
| 8/6 mm | 114 8/6 |

## Enchufe Mignon macho-push-on

Coupling Mignon male - push-on

Coupleur mâle à tube- série mignon

Innesto mascho a tubo-serie mignon



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | 214 6/4 |
| 8/6 mm | 214 8/6 |

## Enchufe Mignon hembra-push-on c/muelle

Coupling Mignon female - push-on w/nut+spring

Coupleur femelle à tube ressort- série mignon

Innesto femmina a tubo molla-serie mignon



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | 113 6/4 |
| 8/6 mm | 113 8/6 |

## Enchufe Mignon macho-push-on c/muelle

Coupling Mignon male - push-on w/nut+spring

Coupleur mâle à tube ressort- série mignon

Innesto mascho a tubo molla-serie mignon



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | 213 6/4 |
| 8/6 mm | 213 8/6 |

TrAle®

# Enchufes mini - serie uni ISO 6150 B-12

Mini-serie uni ISO 6150 B-12
Coupleurs mini - série uni ISO 6150 B-12
Innesti Mini-serie uni ISO 6150 B-12

## Enchufe UNI ISO 6150 B-12 hembra-M BSP

Coupling UNI ISO 6150 B-12 female-M BSP

Coupleur femelle à mâle- série uni ISO 6150 B-12

Innesto femmina a filetto maschio-serie UNI ISO 6150 B-12



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" | **121 1/4** |
| 3/8" | **121 3/8** |
| 1/2" | **121 1/2** |

## Enchufe UNI ISO 6150 B-12 macho-M BSP

Coupling UNI ISO 6150 B-12 male-M BSP

Coupleur mâle à mâle- série uni ISO 6150 B-12

Innesto maschio a filetto maschio-serie UNI ISO 6150 B-12



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" | **221 1/4** |
| 3/8" | **221 3/8** |
| 1/2" | **221 1/2** |

## Enchufe UNI ISO 6150 B-12 hembra-H BSP

Coupling UNI ISO 6150 B-12 female-F BSP

Coupleur femelle à femelle- série uni ISO 6150 B-12

Innesto femmina a filetto femmina-serie UNI ISO 6150 B-12



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" | **122 1/4** |
| 3/8" | **122 3/8** |
| 1/2" | **122 1/2** |

## Enchufe UNI ISO 6150 B-12 macho-H BSP

Coupling UNI ISO 6150 B-12 male-F BSP

Coupleur mâle à femelle- série uni ISO 6150 B-12

Innesto maschio a filetto femmina-serie UNI ISO 6150 B-12



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4" | **222 1/4** |
| 3/8" | **222 3/8** |
| 1/2" | **222 1/2** |

## Enchufe UNI ISO 6150 B-12 hembra-espiga

Socket with rest for rubber hose-serie UNI ISO 6150 B-12

Coupleur femelle à douille- série UNI ISO 6150 B-12

Innesto femmina ad inserto-serie UNI ISO 6150 B-12



| DN | Referencia Part n° |
|---|---|
| 6 | **125 6** |
| 8 | **125 8** |
| 10 | **125 10** |
| 12 | **125 12** |

## Enchufe UNI ISO 6150 B-12 macho-espiga

Coupling UNI ISO 6150 B-12 male-hose tail

Coupleur mâle à douille- série UNI ISO 6150 B-12

Innesto maschio ad inserto-serie UNI ISO 6150 B-12



| DN | Referencia Part n° |
|---|---|
| 6 | **225 6** |
| 8 | **225 8** |
| 10 | **225 10** |
| 12 | **225 12** |

## Enchufe UNI ISO 6150 B-12 macho-push-on c/muelle

Coupling UNI ISO 6150 B-12 male-push-on w/ nut+spring

Coupleur mâle à tube ressort- série UNI ISO 6150 B-12

Innesto maschio a tubo molla-serie UNI ISO 6150 B-12



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | **223 6/4** |
| 8/6 mm | **223 8/6** |
| 10/8 mm | **223 10/8** |
| 12/10 mm | **223 12/10** |

# Enchufes mini - serie multipresa

Mini-serie multipress
Coupleurs mini - série multiprise
Innesti Mini-serie uni Multipresa

TrAle®

## Enchufe multipresa hembra-M BSP

Coupling multisocket female-M BSP

Coupleur femelle à mâle- série multiprise

Innesto femmina a filetto maschio-serie multipress



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4 | **191 1/4** |
| 3/8 | **191 3/8** |
| 1/2 | **191 1/2** |

## Enchufe multipresa hembra-H BSP

Coupling multisocket female-F BSP

Coupleur femelle à femelle- série multiprise

Innesto femmina a filetto femmina-serie multipress



| ROSCA THREAD | Referencia Part n° |
|---|---|
| 1/4 | **192 1/4** |
| 3/8 | **192 3/8** |
| 1/2 | **192 1/2** |

## Enchufe multipresa hembra-espiga

Coupling multisocket female-hose tail

Coupleur femelle à douille- série multiprise

Innesto femmina ad inserto-serie multipress



| DN | Referencia Part n° |
|---|---|
| 6 | **195 6** |
| 8 | **195 8** |
| 10 | **195 10** |
| 12 | **195 12** |

## Enchufe multipresa hembra-push-on

Coupling multisocket female-push-on

Coupleur femelle à tube- série multiprise

Innesto femmina a tubo-serie multipress



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | **194 6/4** |
| 8/6 mm | **194 8/6** |
| 10/8 mm | **194 10/8** |

## Enchufe multipresa hembra-push-on c/muelle

Coupling multisocket female-push-on w/nut+spring

Coupleur femelle avec ressort- série multiprise

Innesto femmina con molla-serie multipress



| TUBO PIPE | Referencia Part n° |
|---|---|
| 6/4 mm | **193 6/4** |
| 8/6 mm | **193 8/6** |
| 10/8 mm | **193 10/8** |

**Normativa | Standard | Standard**

## 4 ENCHUFE PARA NORMATIVAS



*1 socket for 4 standards*
1 corpo pour 4 embouts

- **Ø 5,5 mm**  SUECA / SWEDISH / SUEDOISE
- **Ø 7,5 mm**  EUROPEA / EUROPEAN / EUROPEENNE
- **Ø 5 mm**  ITALIANA / ITALIAN / ITALIENNE
- **Ø 5,5 mm**  UNI ISO 6150 B-12

TrAle®

# Enchufes rápidos ESTO

Quick release couplings "ESTO"
Coupleurs rapides type ESTO
Innesti rapidi tipo ESTO

## Enchufe Esto hembra 1/4

Coupling Esto female 1/4

Coupleur femelle 1/4

Innesto hembra 1/4



| ROSCA THREAD | Ø ESPIGA Ø NIPPLE | Referencia Part n° |
|---|---|---|
| M 1/4" BSPT | - | ESTO 110 |
| M 3/8" BSPT | - | ESTO 140 |
| M 1/2" BSPT | - | ESTO 142 |
| H 1/4" BSP | - | ESTO 120 |
| H 3/8" BSP | - | ESTO 150 |
| - | 8 mm | ESTO 130 |
| - | 10 mm | ESTO 131 |

## Enchufe Esto ECO hembra 1/4

Coupling Esto ECO female 1/4

Coupleurs 1/4 ECO

Innesto 1/4 ECO



| ROSCA THREAD | Ø ESPIGA Ø NIPPLE | Referencia Part n° |
|---|---|---|
| M 1/4" BSPT | - | ESTO 1110 |
| M 3/8" BSPT | - | ESTO 1140 |
| M 1/2" BSPT | - | ESTO 1142 |
| H 1/4" BSP | - | ESTO 1120 |
| H 3/8" BSP | - | ESTO 1150 |
| H 1/2" BSP | - | ESTO 1152 |
| - | 8 mm | ESTO 1130 |
| - | 10 mm | ESTO 1131 |
| - | 12/13 mm | ESTO 1132 |
| - | 6 mm | ESTO 1136 |

## Enchufe Esto macho 1/4

Coupling Esto male 1/4

Coupleur embout mâle 1/4

Innesto maschio 1/4



| ROSCA THREAD | Ø ESPIGA Ø NIPPLE | Referencia Part n° |
|---|---|---|
| M 1/4" BSPT | - | ESTO 160 |
| M 3/8" BSPT | - | ESTO 163 |
| M 1/2" BSPT | - | ESTO 162 |
| H 1/4" BSP | - | ESTO 170 |
| H 3/8" BSP | - | ESTO 173 |
| - | 6 mm | ESTO 181 |
| - | 8 mm | ESTO 180 |
| - | 10 mm | ESTO 182 |

## Enchufe Esto hembra 3/8

Coupling Esto female 3/8

Coupleur femelle 3/8

Innesto femmina 3/8



| ROSCA THREAD | Ø ESPIGA Ø NIPPLE | Referencia Part n° |
|---|---|---|
| M 3/8" BSPT | - | ESTO 310 |
| M 1/2" BSP | - | ESTO 312 |
| H 3/8" BSP | - | ESTO 320 |
| - | 12 mm | ESTO 330 |

## Enchufe Esto macho 3/8

Coupling Esto male 3/8

Coupleur embout mâle 3/8

Innesto maschio 3/8



| ROSCA THREAD | Ø ESPIGA Ø NIPPLE | Referencia Part n° |
|---|---|---|
| M 3/8" BSPT | - | ESTO 360 |
| H 3/8" BSP | - | ESTO 370 |
| - | 12 mm | ESTO 380 |

## Enchufe Esto hembra 1/2

Coupling Esto female 1/2

Coupleur femelle 1/2

Innesto femmina 1/2



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M 1/2" BSPT | ESTO 210 |
| H 1/2" BSP | ESTO 220 |

## Enchufe Esto macho 1/2

Coupling Esto male 1/2

Coupleur embout mâle 1/2

Innesto maschio 1/2



| ROSCA THREAD | Referencia Part n° |
|---|---|
| M 1/2" BSPT | ESTO 260 |
| H 1/2" BSP | ESTO 270 |



MALE BSPT

FEMALE BSP

NIPPLE