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

Fluidal Catálogo Inoxidable 2024001

CONEXIONES PARA FLEXIBLES
Crimp fittings for hoses
Embouts à sertir pour flexibles
Raccordi a pressare per tubi flessibili



TUBO RÍGIDO TRALE® / RACORES DIN 2353 / RACORES JIC 37°
TRALE® Rigid Pipe/ Pipe fittings DIN 2353/ Flare fittings JIC 37°
Tube rigide TRALE®/ Raccords DIN 2353/ Adapteurs JIC 37°
Tubo rigido TRALE®/ Raccordi DIN 2353/ Raccordi JIC 37°



TUBO RÍGIDO TRALE® SCH / RACORES SCH / BRIDAS SAE / ABRAZADERAS
SCH TRALE® Rigid pipe/ SCH fittings / SAE Flanges / Clamps
Tube rigide TRALE® SCH / Embouts SCH / Brides SAE/ Colliers
Tubo rigido TRALE® SCH / Raccordi SCH / Flange SAE/ Collari fissatubo



ADAPTADORES
Adaptors
Adapteurs
Adattatori



RACORES SOLDABLES
Welding fittings
Raccords à souder
Raccordi a saldare



RACORES INDUSTRIALES
Industrial fittings
Raccords industriels
Raccordi industriali



ACCESORIOS
Accessories
Accessoires
Accessori



COMPONENTES HIDRÁULICOS AISI 316
Hydraulic Components AISI 316
Composants Hydrauliques AISI 316
Componenti Idraulici AISI 316



METROLOGÍA
Flow measuring
Test du circuit hydraulique
Test per circuiti idraulici



RACOR DOBLE ANILLO TRALE® LOK
Twin Ferrule Fittings TRALE® Lok
Raccord double bague TRALE® Lok
Raccordi per doppio anello TRALE® Lok



Conexiones Standard 22
Standard series
Embouts série standard
Serie Standard

Conexiones Serie BW+ R13/R15 No Pelar 42
Fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi R13/R15 Serie BW+ senza spellatura

Conexiones Interlock 46
Interlock series
Embouts Interlock
Serie Interlock

Casquillos para conexiones una sola pieza 51
Ferrules for one piece fittings
Jupes pour embouts pré-sertis
Boccole per raccordi compatti

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17 52
One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43
Raccordi compatti R1AT/R2AT/1SN/2SN/R16/2SC/R17 Serie 43

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar 60
One piece fittings BWS Series 3SP/4SP/R12/4SH No Skive
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH senza spellatura

Conexiones una pieza Serie BW+ R13/R15 No Pelar 67
One piece fittings BW+ Series R13/R15 No Skive
Embouts R13/R15 Série BW+ Sans denuder
Raccordi R13/R15 Serie BW+ senza spellatura

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica 70
One piece fittings R7/R8 & Elastomer Braid of steel wire
Embouts pré-sertis R7/R8 et Elastomère tresse métallique
Raccordi compatti serie R7/R8 e elastomero treccia metallica

Conexiones una sola pieza PTFE Liso / R14 75
One piece fittings for Smooth PTFE/ R14
Embouts pré-sertis pour PTFE lisse/ R14
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Conexiones una sola pieza PTFE Corrugado 80
One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convoluté
Raccordi compatti per PTFE corrugato

Conexiones Reusables 85
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Embouts série récupérable
Serie Recuperabile

Conexiones Push-On 88
Push-On Fittings
Embouts Push-On
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High pressure 700 bar fittings
Embouts haute pression 700 bar
Raccordi Altissima pressione (700 bar)



01

CONEXIONES PARA FLEXIBLES

Crimping fittings for hoses

Embouts à sertir pour flexibles

Raccordi a pressare per tubi flessibili

STANDARD SERIES

Serie Standard

TrΔle® | TrΔle® GOLD | GREENLINE





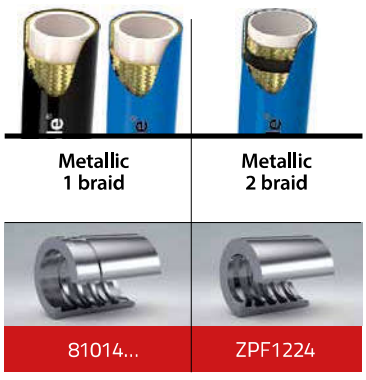


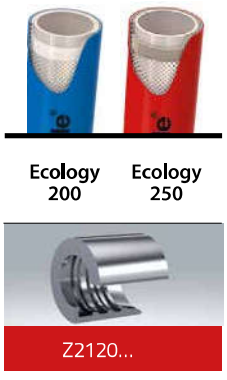


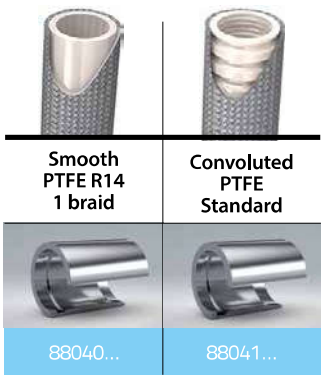




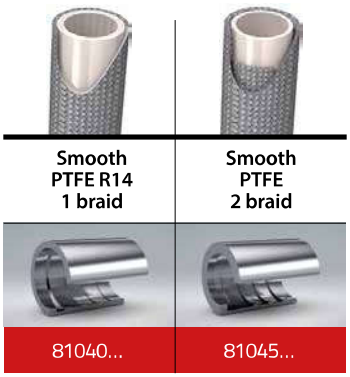


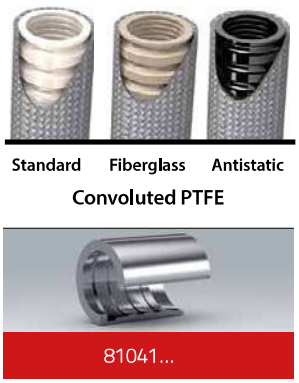












Datos de tablas de prensado siempre actualizados en nuestra web: www.dicsaes.com / Crimping information always updated on our website: www.dicsaes.com
Consulta nuestras mangueras con cubiertas Gold RockCover / Check our Hoses with Gold RockCover

TrΔle® TrΔle® GOLD TrΔle® GREENLINE

SERIE BW+ NO PELAR

BW+ Series no skive

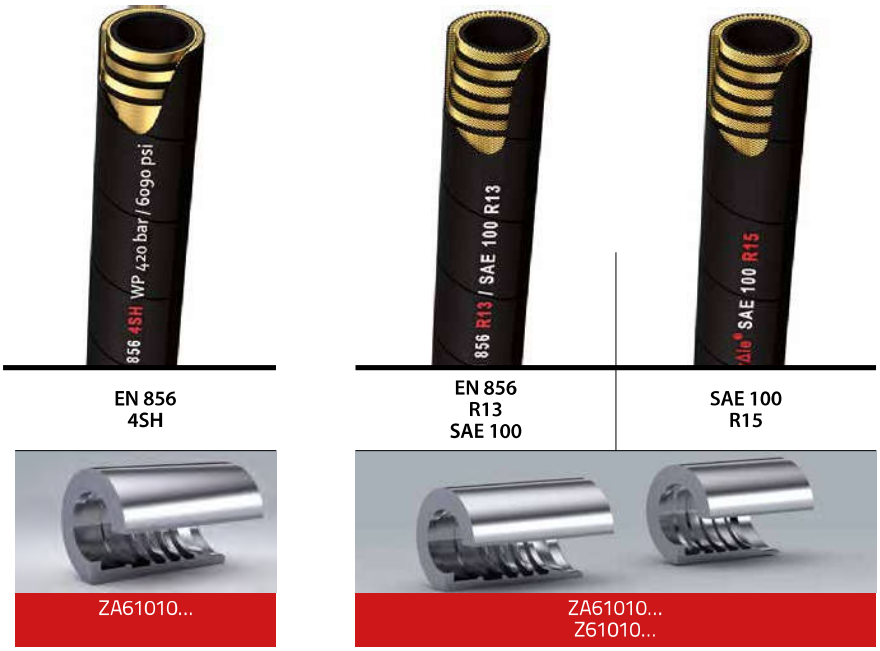




SERIE INTERLOCK

Interlock series





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

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Casquillos para prensar ▪ Crimping ferrules ▪ Jupes à sertir ▪ Boccole a pressare | 22


ZPF2212

82003

ZPF2212_R4

ZSC2112

ZPF1224

ZPF2224

81014

Z21200

81040

81041

81045

88040

88041

Conexiones BSP ▪ BSP Fittings ▪ Embouts BSP ▪ Raccordi BSP | 25


84100

84110

84200

84400

84107

84207

84108

84208

84127

84117

84118

JTVBSP

84212

84112

84114

Conexiones NPT-NPSM ▪ NPT-NPSM Fittings ▪ Embouts NPT-NPSM ▪ Raccordi NPT-NPSM | 29


84361

84261

84262

84263

84161

84165

Conexiones JIC 37° ▪ JIC 37° Fittings ▪ Embouts JIC 37° ▪ Raccordi JIC 37° | 30


84242

84142

84138

84139

84140

84141

84137

Conexiones Métricas DIN 2353 ▪ Metric fittings ▪ Embouts Métriques ▪ Raccordi Metrici | 32

84804

84804

84203

84404

84305

84306

84814

84315

84316

Espigas lisas ▪ Standpipes ▪ Embouts lisses ▪ Estremitá tubolari | 36

84158

84159

84169

84258

84259

84358

84359

Conexiones Varias ▪ Other Fittings ▪ Autres ▪ Raccordi vari | 37

84300

84000

Terminales hidrolavadoras ▪ Hydrowashing machine couplings ▪ Embouts pour hydronettoyage ▪ Raccordi per idro-pulitrici | 37

83050

KZTHAP

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Orientables ▪ Banjos ▪ Embouts Banjo ▪ Raccordi ad occhio | 38


84111


Z1090


84116


Z1092

Bridas SAE ▪ SAE Flanges/Code 61 & 62 ▪ Brides SAE ▪ Flange SAE | 39


84182


84183


84184


84282


84283


84284

Bridas para flexibles ▪ SAE Flanges for hoses ▪ Brides SAE pour flexibles ▪ Flange per tubi flessibili | 40


ZBBP


ZBBE


ZTB


ZBCE


JBR


ORING

Conexiones ORFS ▪ ORFS Fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 41


84901


84912


84907


84908

Conexiones O´Ring Boss ▪ O´Ring Boss Fittings ▪ Embouts O´Ring Boss ▪ Raccordi O´Ring Boss | 41


84712

Conexiones Serie BW+ R13/R15 No Pelar

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

Casquillos para conexiones serie BW/ BW+ ▪ Ferrules for fittings BW/ BW+ series ▪ Jupes pour embouts série BW/ BW+ ▪ Boccole a pressare per raccordi serie BW/ BW+ | 42


ZAC69010

Conexiones BSP ▪ BSP fittings ▪ Embouts BSP ▪ Raccordi BSP | 42


Z66410 Z66117 Z66118 Z66112 Z66510 Z66517 Z66518

Conexiones NPT/NPSM ▪ NPT/NPSM fittings ▪ Embouts NPT/NPSM ▪ Raccordi NPT/NPSM | 43


Z66461 Z66161

Conexiones JIC 37° ▪ JIC 37° fittings ▪ Embouts JIC ▪ Raccordi JIC 37° | 43


Z66242 Z66138 Z66139 Z66141

Conexiones ORFS ▪ ORFS fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 44


Z66901 Z66907 Z66908 Z66912

Conexiones Métricas DIN 2353 ▪ Metric fittings ▪ Embouts Métriques ▪ Raccordi Metrici | 44


Z66204 Z66205 Z66206 Z66203

Bridas SAE ▪ SAE Flanges/ Code 61 & 62 ▪ Brides SAE ▪ Flange SAE | 45


Z66282 Z66283 Z66284

Conexiones Interlock

Interlock series
Embouts Interlock
Serie Interlock

Casquillos Interlock ▪ Interlock Crimping ferrules ▪ Jupes à sertir Interlock ▪ Boccole a pressare | 46


ZA61010


Z61010

Conexiones BSP y NPT ▪ Interlock BSP & NPT fittings ▪ Embouts à sertir Interlock BSP et NPT ▪ Raccordi BSP, NPT | 46


Z64107


Z64108


Z64112


Z64161


Z64500


Z64507


Z64508

Conexiones JIC 37° ▪ Interlock JIC 37° fittings ▪ Embouts à sertir Interlock JIC ▪ Raccordi JIC 37° | 48


Z64242


Z64142


Z64140


Z64138


Z64139

Conexiones Métricas DIN 2353 ▪ Interlock Metric fittings ▪ Embouts Métrique Interlock ▪ Raccordi Metrici | 49


Z64204


Z64205


Z64206


Z64203

Conexiones ORFS ▪ Interlock ORFS fittings ▪ Embouts à sertir Interlock ORFS ▪ Raccordi ORFS | 49


Z64901


Z64912


Z64907


Z64908

Bridas SAE ▪ Interlock SAE Flanges/ Code 61 & 62 ▪ Brides SAE Interlock ▪ Flange SAE | 50

Z64182


Z64183


Z64184

Z64282


Z64283


Z64284

Casquillos para conexiones una sola pieza

Ferrules for one piece fittings
Jupes pour embouts pré-sertis
Boccole per raccordi compatti



ZPFC2212 ZPF2224 88012 88040 88041 ZSCC2112 ZAC69010

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

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

Conexiones una sola pieza JIC 37° ▪ One piece JIC 37° fittings ▪ Embouts pré-sertis JIC 37° ▪ Raccordi compatti JIC 37° | 52



88242 88142 88140 88138 88139

Conexiones una sola pieza ORFS ▪ One piece ORFS fittings ▪ Embouts pré-sertis ORFS ▪ Raccordi compatti ORFS | 54



88900 88907 88912 88908

Conexiones una sola pieza NPT-NPSM ▪ One piece NPT-NPSM fittings ▪ Embouts pré-sertis NPT-NPSM ▪ Raccordi compatti NPT-NPSM | 55



88361 88261 88262 88263 88161 88165

Conexiones una sola pieza Bridas SAE ▪ One piece SAE Flanges fittings ▪ Embouts pré-sertis Brides SAE ▪ Raccordi compatti Flange SAE | 56



88182 88183 88184 88282 88283 88284

Conexiones una sola pieza Métricas ▪ One piece Metric fittings ▪ Embouts pré-sertis Métriques ▪ Raccordi compatti Metrici | 57



88804 88203 88305 88306

Conexiones una sola pieza BSP ▪ One piece BSP fittings ▪ Embouts pré-sertis BSP ▪ Raccordi compatti BSP | 59



88400 88100 88200 88107 88108 88112

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 Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH senza spellatura

Conexiones una sola pieza JIC 37° ▪ One piece JIC 37° fittings ▪ Embouts pré-sertis JIC 37° ▪ Raccordi compatti JIC 37° | 60



Z58242 Z58138 Z58140 Z58142 Z58139

Conexiones una sola pieza ORFS ▪ One piece ORFS fittings ▪ Embouts pré-sertis ORFS ▪ Raccordi compatti ORFS | 61



Z58901 Z58907 Z58912 Z58908

Conexiones una sola pieza NPT-NPSM ▪ One piece NPT-NPSM fittings ▪ Embouts pré-sertis NPT-NPSM ▪ Raccordi compatti NPT-NPSM | 62



Z58361 Z58262 Z58161 Z58261 Z58263 Z58165

Conexiones una sola pieza Bridas SAE ▪ One piece SAE Flanges fittings/ Code 61 & 62 ▪ Embouts pré-sertis Brides SAE ▪ Raccordi compatti Flange SAE | 63



Z58182 Z58183 Z58184 Z58282 Z58283 Z58284

Conexiones una sola pieza Métricas ▪ One piece Metric fittings ▪ Embouts pré-sertis Métriques ▪ Raccordi compatti Metrici | 64



Z58804 Z58305 Z58203 Z58306

Conexiones una sola pieza BSP ▪ One piece BSP fittings ▪ Embouts pré-sertis BSP ▪ Raccordi compatti BSP | 65



Z58400 Z58117 Z58112 Z58200 Z58118 Z58110

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° | 67



Z69242 Z69138 Z69141 Z69139

Conexiones ORFS ▪ ORFS fittings ▪ Embouts ORFS ▪ Raccordi ORFS | 67



Z69901 Z69907 Z69908 Z69912

Conexiones NPT/NPSM ▪ NPT/NPSM fittings ▪ Embouts NPT/NPSM ▪ Raccordi NPT/NPSM | 68



Z69361 Z69161

Bridas SAE ▪ SAE Flanges ▪ Brides SAE ▪ Flange SAE | 68



Z69282 Z69283 Z69284

Conexiones BSP ▪ BSP fittings ▪ Embouts BSP ▪ Raccordi BSP | 69



Z69510 Z69112 Z69517 Z69518

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica

One piece fittings R7/R8 & Elastomer Braid of steel wire
Embouts pré-sertis R7/R8 et Elastomère tresse métallique
Raccordi compatti serie R7/R8 e elastomero treccia metallica

Conexiones una sola pieza R7/R8 JIC 37° ▪ 37° JIC One piece fittings R7/R8 ▪ Embouts pré-sertis R7/R8 JIC 37° ▪ Raccordi compatti serie R7/R8 JIC sede 37° | 70


87242 87138 87140 87142 87139

Conexiones una sola pieza R7/R8 ORFS ▪ ORFS One piece fittings R7/R8 ▪ Embouts pré-sertis R7/R8 ORFS ▪ Raccordi compatti serie R7/R8 ORFS | 71


87900 87907 87912 87908

Conexiones una sola pieza R7/R8 NPT-NPSM ▪ NPT-NPSM One piece fittings R7/R8 ▪ Embouts pré-sertis R7/R8 NPT-NPSM ▪ Raccordi compatti serie R7/R8 NPT-NPSM | 72


87361 87262 87161 87261 87263

Conexiones una sola pieza R7/R8 Métricas ▪ Metric One piece fittings R7/R8 ▪ Embouts pré-sertis R7/R8 Métriques ▪ Raccordi compatti serie R7/R8 Metrici | 73


87804 87305 87203 87306

Conexiones una sola pieza R7/R8 BSP ▪ BSP One piece fittings R7/R8 ▪ Embouts pré-sertis R7/R8 BSP ▪ Raccordi compatti serie R7/R8 BSP | 74


87400 87107 87112 87100 87108

Conexiones una sola pieza PTFE Liso / R14

One piece fittings for Smooth PTFE/ R14
Embouts pré-sertis pour PTFE lisse/ R14
Raccordi compatti per PTFE liscio/ R14

Conexiones una sola pieza PTFE liso / R14 JIC 37° ▪ 37° JIC One piece fittings smooth PTFE / R14 ▪ Embouts pré-sertis PTFE lisse / R14 JIC 37° ▪ Raccordi compatti serie PTFE liscio / R14 JIC 37° | 75



86242 86138 86140 86142 86139

Conexiones una sola pieza PTFE liso / R14 ORFS ▪ ORFS One piece fittings smooth PTFE / R14 ▪ Embouts pré-sertis PTFE lisse / R14 ORFS ▪ Raccordi compatti serie PTFE liscio / R14 ORFS | 76



86900 86907 86912 86908

Conexiones una sola pieza PTFE liso/ R14 NPT-NPSM ▪ NPT-NPSM One piece fittings smooth PTFE / R14 ▪ Embouts pré-sertis PTFE lisse / R14 NPT-NPSM ▪ Raccordi compatti serie PTFE liscio / R14 NPT-NPSM | 77



86361 86262 86161 86261 86263

Conexiones una sola pieza PTFE liso / R14 Métricas ▪ Metric One piece fittings smooth PTFE / R14 ▪ Embouts pré-sertis PTFE lisse / R14 Métriques ▪ Raccordi compatti serie PTFE liscio / R14 Metrici | 78



86804 86305 86203 86306

Conexiones una sola pieza PTFE liso / R14 BSP ▪ BSP One piece fittings smooth PTFE / R14 ▪ Embouts pré-sertis PTFE lisse/ R14 BSP ▪ Raccordi compatti serie PTFE liscio / R14 BSP | 79



86400 86107 86112 86100 86108

Conexiones una sola pieza PTFE liso / R14 Espiga Lisa ▪ One piece fittings standpipe / R14 ▪ Embouts pré-sertis PTFE lisse / R14 embout lisse ▪ Raccordi compatti serie PTFE liscio / R14 estremitá tubolare | 79



86159

Conexiones una sola pieza PTFE Corrugado

One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convoluté
Raccordi compatti per PTFE corrugato

Conexiones una sola pieza PTFE Corrugado JIC 37° ▪ One piece fittings for convoluted PTFE JIC 37° ▪ Embouts pré-sertis pour PTFE convoluté JIC 37° ▪ Raccordi compatti serie PTFE convoluto JIC 37° 80



85242 85138 85140 85142 85139

Conexiones una sola pieza PTFE Corrugado ORFS ▪ One piece fittings for convoluted PTFE ORFS ▪ Embouts pré-sertis pour PTFE convoluté ORFS ▪ Raccordi compatti serie PTFE convoluto ORFS 81



85900 85907 85912 85908

Conexiones una sola pieza PTFE Corrugado NPT-NPSM ▪ One piece fittings for convoluted PTFE NPT-NPSM ▪ Embouts pré-sertis pour PTFE convoluté NPT-NPSM ▪ Raccordi compatti serie PTFE convoluto NPT-NPSM 82



85361 85262 85161 85261 85263

Conexiones una sola pieza PTFE Corrugado Métricas ▪ One piece fittings for convoluted PTFE Metrical ▪ Embouts pré-sertis pour PTFE convoluté Métriques ▪ Raccordi compatti serie PTFE convoluto METRICI 83



85804 85305 85203 85306

Conexiones una sola pieza PTFE Corrugado BSP ▪ One piece fittings for convoluted PTFE BSP ▪ Embouts pré-sertis pour PTFE convoluté BSP ▪ Raccordi compatti serie PTFE convoluto BSP 84



85400 85107 85112 85100 85108

Conexiones Reusables

Reusable series
Embouts série récupérable
Serie Recuperabile

Conexiones una sola pieza Reusables ▪ Reusable One Piece fittings ▪ Embouts série récuperable 1 piéce ▪ Raccordi compatti recuperabile | 85


Z3J...R2T


Z2NPT...R2T

Casquillos reusables ▪ Crimping ferrules ▪ Jupes à sertir ▪ Boccole recuperabili | 85


Z1G...R1T


Z1G...R2T

Conexiones BSP ▪ Reusable BSP ▪ Récuperables BSP ▪ Raccordi recuperabili BSP | 85


Z3G


Z90G


Z2G

Conexiones JIC 37° ▪ Reusable JIC 37° ▪ Récuperables JIC 37° ▪ Raccordi recuperabili JIC | 86


Z3J


Z2J


Z3J90


Z3J45

Conexiones NPT ▪ Reusable NPT ▪ Récuperables NPT ▪ Raccordi recuperabili NPT | 86


Z2NPT

Conexiones Métricas ▪ Reusable Metric ▪ Récuperables Métriques ▪ Raccordi recuperabili Metrici | 86


ZE

Conexiones R5 ▪ Reusable R5 ▪ Récuperables R5 ▪ Raccordi recuperabili R5 | 87


Z3J...R5


Z3J90...R5


Z2P...R5


Z3J45...R5

Conexiones Push-On

Push-On Fittings
Embouts Push-On
Raccordi Serie Push-On

Conexiones Push-On BSP ▪ Push-on BSP fittings ▪ Embouts Push-on BSP ▪ Raccordi Serie Push-on BSP | 88


89100


89112

Conexiones Push-On JIC 37° ▪ Push-on 37° JIC fittings ▪ Embouts Push-on JIC 37° ▪ Raccordi Serie Push-on JIC 37° | 88


89142


89140

Conexiones Push-On NPT ▪ Push-on NPT fittings ▪ Embouts Push-on NPT ▪ Raccordi Serie Push-on NPT | 88


89161

Conexiones Push-On Métricas ▪ Push-on Metric fittings ▪ Embouts Push-on Métriques ▪ Raccordi Serie Push-on Metrici | 88


89804


89203

Conexiones Alta Presión (700 bar)

High pressure 700 bar fittings
Embouts haute pression 700 bar
Raccordi Altissima pressione (700 bar)

Casquillos para prensar ▪ Ferrules ▪ Jupes à sertir ▪ Boccole | 89



Z71012

Conexiones BSP ▪ BSP Fittings ▪ Embouts BSP ▪ Raccordi BSP | 89



Z74100



Z74112

Conexiones NPSM – NPT ▪ NPSM – NPT Fittings ▪ Embouts NPSM – NPT ▪ Raccordi NPSM – NPT | 89



Z74261



Z74161

Conexiones JIC 37° ▪ JIC 37° Fittings ▪ Embouts JIC 37° ▪ Raccordi JIC 37° | 89



Z74142



Z74140

Conexiones Métricas ▪ Metric Fittings ▪ Embouts métriques ▪ Raccordi Metrici | 89



Z74804



Z74203

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

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

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

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

Boccole pressare per R1AT/R2AT/1SN/2SN/ R16/2SC/3TE



DN	Referencia Part n°
3/16"-R1AT	810200300*
3/16"-R2AT	810300300*
3/16" NEW	ZPF221200300
1/4"	ZPF221200400
5/16"	ZPF221200500
3/8"	ZPF221200600
1/2"	ZPF221200800
5/8"	ZPF221201000
3/4"	ZPF221201200
1"	ZPF221201600
1"1/4	ZPF221202000
1"1/2	ZPF221202400
2"	ZPF221203200
2"1/2	ZPF221204000
3"	ZPF221204800

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

Casquillos R1A-1ST

Ferrules R1A-1ST

Jupes R1A-1ST

Boccole pressare per R1A-1ST



DN	Referencia Part n°
3/16"	820030300
1/4"	820030400
5/16"	820030500
3/8"	820030600
1/2"	820030800
5/8"	820031000
3/4"	820031200
1"	820031600
1"1/4	820032000
1"1/2	820032400
2"	820033200

Casquillos R4

Ferrules R4

Jupes R4

Boccole pressare per R4



DN	Referencia Part n°
3/4"	ZPF221201200R4

Para otras medidas, consultar tablas de prensado en nuestra web. / *For other sizes, p* *ut the* *crimping table on our website.* / Pour les autres dimensions, voir tableau de sertissage disp otre site web. / *Per altre dimensioni, vedere tabella di pressatura nel ns. sito web*

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

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

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

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



DN	Referencia Part n°
1/4"	ZSC21120400
5/16"	ZSC21120500
3/8"	ZSC21120600
1/2"	ZSC21120800
5/8"	ZSC21121000
3/4"	ZSC21121200
1"	ZSC21121600

Casquillos R2A-2ST/4SP-R9R / R12

Ferrules R2A-2ST/4SP-R9R / R12

Jupes R2A-2ST/4SP-R9R / R12

Boccole pressare per R2A-2ST/4SP-R9R / R12



DN	Referencia Part n°
3/16" - R2A	820060300
1/4"	ZPF122400400
5/16"	ZPF122400500
3/8"	ZPF122400600
1/2"	ZPF122400800
5/8"	ZPF122401000
3/4"	ZPF122401200
1"	ZPF122401600
1"1/4	ZPF122402000
1"1/2	ZPF122402400
2"	ZPF122403200

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

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

Jupes 3SP/4SP/R12/4SH sans dénudage

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



DN	Referencia Part n°
3/8"	ZPF222400600
1/2"	ZPF222400800
5/8"	ZPF222401000
3/4"	ZPF222401200
1"	ZPF222401600
1" 1/4	ZPF222402000
1" 1/2	ZPF222402400
2"	ZPF222403200

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Casquillos R7/R8 y elastómero malla metálica / R6

Ferrules R7/R8 and metallic braid / R6

Jupes R7/R8 et tresse métallique / R6

Boccole pressare per R7/R8 e elastomero treccia metallica / R6



DN	Referencia Part n°
1/8"	810140200
3/16"	810140300
1/4"	810140400
5/16"	810140500
3/8"	810140600
1/2"	810140800
5/8"	810141000
3/4"	810141200
1"	810141600

Casquillos para mangueras Ecology y limpieza de alc

Ferrules for Ecology hose and Sewer Jetting hose

Jupes pour tuyau Ecology et tuyau Hydrocurage

Boccole pressare per tubi Ecology e pulizia fossa biologica



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

Casquillos PTFE Liso

Ferrules for smooth PTFE

Jupes PTFE lisse

Boccole pressare per PTFE liscio



DN	Referencia Part n°
1/8"	810400100
3/16"	810400300
1/4"	810400400
5/16"	810400500
3/8"	810400600
1/2"	810400800
5/8"	810401000
3/4"	810401200
1"	810401600

Casquillos PTFE Corrugado

Ferrules for convoluted PTFE

Jupes PTFE convoluté

Boccole pressare per PTFE corrugato



DN	Referencia Part n°
1/4"	810410400
5/16"	810410500
3/8"	810410600
1/2"	810410800
5/8"	810411000
3/4"	810411201
1"	810411600
1"1/4	810412000
1"1/2	810412400
2"	810413200
2"1/2	810414000

Casquillos PTFE Liso doble malla

Ferrules for double braid smooth PTFE

Jupes PTFE lisse double tresse

Boccole pressare per PTFE liscio doppia treccia



DN	Referencia Part n°
1/4"	810450400
3/8"	810450600

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

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Casquillos PTFE Liso, perfil liso

Ferrules for smooth PTFE, smooth profile

Jupes PTFE lisse,profil lisse

Boccole PTFE liscio con interno liscio



DN	Referencia Part n°
1/4"	880400400
5/16"	880400500
3/8"	880400600
1/2"	880400800
5/8"	880401000

Casquillos PTFE Corrugado, perfil liso

Ferrules for convoluted PTFE, smoth proflie

Jupes PTFE convoluté, profil lisse

Boccole PTFE corrugato con interno liscio



DN	Referencia Part n°
1/4"	880410400
5/16"	880410500
3/8"	880410600
1/2"	880410800
5/8"	880411000
3/4"	880411200



Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias rectas rosca BSP cono 60°

BSP Swivel female 60° cone

Femelle gaz cylindrique BSP 60°

Femmina diritta BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
3.2 mm	1/8" BSP	**841000201**
1/8"	1/8" BSP	**841000202**
3/16"	1/8" BSP	**841000203**
1/4"	1/8" BSP	**841000204**
3/16"	1/4" BSP	**841000403**
1/4"	1/4" BSP	**841000404**
5/16"	1/4" BSP	**841000405**
3/8"	1/4" BSP	**841000406**
1/4"	3/8" BSP	**841000604**
5/16"	3/8" BSP	**841000605**
3/8"	3/8" BSP	**841000606**
1/2"	3/8" BSP	**841000608**
1/4"	1/2" BSP NEW	**841000804**
3/8"	1/2" BSP	**841000806**
1/2"	1/2" BSP	**841000808**
5/8"	1/2" BSP	**841000810**
1/2"	5/8" BSP	**841001008**
5/8"	5/8" BSP	**841001010**
1/2"	3/4" BSP	**841001208**
5/8"	3/4" BSP	**841001210**
3/4"	3/4" BSP	**841001212**
5/8"	1" BSP	**841001610**
3/4"	1" BSP	**841001612**
1"	1" BSP	**841001616**
1"	1"1/4 BSP	**841002016**
1"1/4	1"1/4 BSP	**841002020**
1"1/4	1"1/2 BSP	**841002420**
1"1/2	1"1/2 BSP	**841002424**
1"1/2	2" BSP	**841003224**
2"	2" BSP	**841003232**
2"	2"1/2 BSP	**841004032**
2"1/2	2"1/2 BSP	**841004040**
3"	3" BSP	**841004848**

Hembras giratorias rectas rosca BSP cono 60° con junt

BSP Swivel female 60° cone with o-ring

Femelle gaz cylindrique BSP 60° avec o-ring

Femmina diritta BSP sede 60° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**841100404**
3/8"	3/8" BSP	**841100606**
3/8"	1/2" BSP	**841100806**
1/2"	1/2" BSP	**841100808**
5/8"	1/2" BSP	**841100810**
1/2"	3/4" BSP	**841101208**
5/8"	3/4" BSP	**841101210**
3/4"	3/4" BSP	**841101212**
1"	1" BSP	**841101616**
1"1/4	1"1/4 BSP	**841102020**
1"1/2	1"1/2 BSP	**841102424**
2"	2" BSP	**841103232**

Hembras giratorias rectas rosca BSP asiento plano

BSP Swivel female flat seat

Femelle fond plat BSP

Femmina BSP sede piana



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**842000404**
1/4"	3/8" BSP	**842000604**
5/16"	3/8" BSP	**842000605**
3/8"	3/8" BSP	**842000606**
1/2"	3/8" BSP	**842000608**
1/4"	1/2" BSP	**842000804**
3/8"	1/2" BSP	**842000806**
1/2"	1/2" BSP	**842000808**
1/2"	3/4" BSP	**842001208**
5/8"	3/4" BSP	**842001210**
3/4"	3/4" BSP	**842001212**
5/8"	1" BSP	**842001610**
3/4"	1" BSP	**842001612**
1"	1" BSP	**842001616**
1"	1" 1/4 BSP	**842002016**
1"1/4	1"1/4 BSP	**842002020**
1"1/2	1"1/2 BSP	**842002424**
2"	2" BSP	**842003232**

Hembras giratorias recta rosca BSP cono 60° doble h

Double hexagonal BSP Swivel female cone 60°

Femelle BSP cône 60° double hexagonal

Femmina diritta BSP sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**844000404**
5/16"	3/8" BSP	**844000605**
3/8"	3/8" BSP	**844000606**
1/2"	1/2" BSP	**844000808**
3/4"	3/4" BSP	**844001212**
1"	1" BSP	**844001616**
1"1/4	1"1/4 BSP	**844002020**
1"1/2	1"1/2 BSP	**844002424**
2"	2" BSP	**844003232**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias 90° rosca BSP cono 60°

BSP Swivel female 60° cone (90° Elbow)

Coude 90° femelle gaz cyl. BSP 60°

Femmina 90° BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
3/16"	1/8" BSP	**841070203***
1/4"	1/8" BSP	**841070204**
3/16"	1/4" BSP	**841070403**
1/4"	1/4" BSP	**841070404**
5/16"	1/4" BSP	**841070405***
3/8"	1/4" BSP	**841070406**
1/4"	3/8" BSP	**841070604**
5/16"	3/8" BSP	**841070605**
3/8"	3/8" BSP	**841070606**
1/2"	3/8" BSP	**841070608**
1/4"	1/2" BSP	**841070804**
3/8"	1/2" BSP	**841070806**
1/2"	1/2" BSP	**841070808**
5/8"	5/8" BSP	**841071010**
1/2"	3/4" BSP	**841071208**
5/8"	3/4" BSP	**841071210**
3/4"	3/4" BSP	**841071212**
3/4"	1" BSP	**841071612**
1"	1" BSP	**841071616**
1"	1" 1/4 BSP	**841072016**
1"1/4	1"1/4 BSP	**841072020**
1"1/2	1"1/2 BSP	**841072424**
2"	2" BSP	**841073232**

*** Pieza soldada** / **Welded piece* / *Pièce soudé / **Tipo saldato*

Hembras giratorias 90° rosca BSP asiento plano

BSP Swivel female flat seat (90° Elbow)

Coude 90° femelle fond plat BSP

Femmina 90° BSP sede piana



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**842070404**
5/16"	3/8" BSP	**842070605**
3/8"	3/8" BSP	**842070606**
1/2"	1/2" BSP	**842070808**
3/4"	3/4" BSP	**842071212**
3/4"	1" BSP	**842071612**
1"	1" BSP	**842071616**
1"1/4	1"1/4 BSP	**842072020**
1"1/2	1"1/2 BSP	**842072424**
2"	2" BSP	**842073232**

Hembras giratorias 45° rosca BSP cono 60°

BSP Swivel female 60° cone (45° Elbow)

Coude 45° femelle gaz cyl. BSP 60°

Femmina 45° BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
3/16"	1/4" BSP	**841080403**
1/4"	1/4" BSP	**841080404**
1/4"	3/8" BSP	**841080604**
5/16"	3/8" BSP	**841080605**
3/8"	3/8" BSP	**841080606**
1/4"	1/2" BSP	**841080804**
3/8"	1/2" BSP	**841080806**
1/2"	1/2" BSP	**841080808**
5/8"	5/8" BSP	**841081010**
1/2"	3/4" BSP	**841081208**
5/8"	3/4" BSP	**841081210**
3/4"	3/4" BSP	**841081212**
3/4"	1" BSP	**841081612**
1"	1" BSP	**841081616**
1"	1"1/4 BSP	**841082016**
1"1/4	1"1/4 BSP	**841082020**
1"1/2	1"1/2 BSP	**841082424**
2"	2" BSP	**841083232**

Hembras giratorias 45° rosca BSP asiento plano

BSP Swivel female flat seat (45° Elbow)

Coude 45° femelle fond plat BSP

Femmina 45° BSP sede piana



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**842080404**
5/16"	3/8" BSP	**842080605**
3/8"	3/8" BSP	**842080606**
3/8"	1/2" BSP	**842080806**
1/2"	1/2" BSP	**842080808**
3/4"	3/4" BSP	**842081212**
3/4"	1" BSP	**842081612**
1"	1" BSP	**842081616**
1"1/4	1"1/4 BSP	**842082020**
1"1/2	1"1/2 BSP	**842082424**
2"	2" BSP	**842083232**

Hembras giratorias 90° compactas rosca BSP cono 60°

BSP swivel female 60° (90° Compact Elbow)

Coude femelle 90° compact BSP cône 60°

Femmina 90° BSP compatta



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**841270404**
3/8"	3/8" BSP	**841270606**
1/2"	1/2" BSP	**841270808**
3/4"	3/4" BSP	**841271212**
1"	1" BSP	**841271616**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

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

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

Coude 90° femelle gaz cyl. BSP 60° avec o-ring

Femmina 90° BSP sede 60° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**841170404**
3/8"	3/8" BSP	**841170606**
3/8"	1/2" BSP	**841170806**
1/2"	1/2" BSP	**841170808**
1/2"	3/4" BSP	**841171208**
5/8"	3/4" BSP	**841171210**
3/4"	3/4" BSP	**841171212**
1"	1" BSP	**841171616**
1"1/4	1"1/4 BSP	**841172020**
1"1/2	1"1/2 BSP	**841172424**
2"	2" BSP	**841173232**

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

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

Coude 45° femelle gaz cyl. BSP 60° avec o-ring

Femmina 45° BSP sede 60° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**841180404**
3/8"	3/8" BSP	**841180606**
3/8"	1/2" BSP	**841180806**
1/2"	1/2" BSP	**841180808**
1/2"	3/4" BSP	**841181208**
5/8"	3/4" BSP	**841181210**
3/4"	3/4" BSP	**841181212**
1"	1" BSP	**841181616**
1"1/4	1"1/4 BSP	**841182020**
1"1/2	1"1/2 BSP	**841182424**
2"	2" BSP	**841183232**

Juntas para hembra giratoria BSP FKM verde

O'ring for swivel female BSP FKM green

Joint torique pour femelle tournante BSP FKM vert

O´ring FKM verde per femmina girevole BSP



ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°
1/4" BSP	6X1	**JTVBSP04**
3/8" BSP	8.1X1.6	**JTVBSP06**
1/2" BSP	12.1X1.6	**JTVBSP08**
5/8" BSP	13.1X1.6	**JTVBSP10**
3/4" BSP	17.1X1.6	**JTVBSP12**
1" BSP	22.1X1.6	**JTVBSP16**
1"1/4 BSP	29.1X1.6	**JTVBSP20**
1"1/2 BSP	35.1X1.6	**JTVBSP24**
2" BSP	47.35X1.78	**JTVBSP32**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Machos rosca cilíndrica BSP asiento plano

BSP Male flat seat

Mâle BSP fond plat

Maschio BSP sede piana



DN	ROSCA THREAD	Referencia Part n°
3/16"	1/4" BSP	**842120403**
1/4"	1/4" BSP	**842120404**
5/16"	3/8" BSP	**842120605**
3/8"	3/8" BSP	**842120606**
1/2"	3/8" BSP	**842120608**
3/8"	1/2" BSP	**842120806**
1/2"	1/2" BSP	**842120808**
5/8"	5/8" BSP	**842121010**
3/4"	3/4" BSP	**842121212**
3/4"	1" BSP	**842121612**
1"	1" BSP	**842121616**
1"	1" 1/4 BSP	**842122016**
1"1/4	1"1/4 BSP	**842122020**
1"1/2	1"1/2 BSP	**842122424**
2"	2" BSP	**842123232**

Machos rosca cilíndrica BSP cono 60°

BSP Male-parallel 60° cone

Mâle BSP cône 60°

Maschio BSP cilindrico sede 60°



DN	ROSCA THREAD	Referencia Part n°
3/16"	1/8" BSP	**841120203**
1/4"	1/8" BSP	**841120204**
3/16"	1/4" BSP	**841120403**
1/4"	1/4" BSP	**841120404**
5/16"	1/4" BSP	**841120405**
3/8"	1/4" BSP	**841120406**
1/4"	3/8" BSP	**841120604**
5/16"	3/8" BSP	**841120605**
3/8"	3/8" BSP	**841120606**
1/2"	3/8" BSP	**841120608**
3/8"	1/2" BSP	**841120806**
1/2"	1/2" BSP	**841120808**
5/8"	5/8" BSP	**841121010**
5/8"	3/4" BSP	**841121210**
3/4"	3/4" BSP	**841121212**
1"	3/4" BSP NEW	**841121216**
3/4"	1" BSP	**841121612**
1"	1" BSP	**841121616**
1"	1"1/4 BSP	**841122016**
1"1/4	1"1/4 BSP	**841122020**
1"1/4	1"1/2 BSP	**841122420**
1"1/2	1"1/2 BSP	**841122424**
2"	1" 1/2 BSP	**841122432**
2"	2" BSP	**841123232**
2" 1/2	2" 1/2 BSP	**841124040**

Macho rosca cónica BSPT cono 60°

Male BSPT tapered

Mâle gaz conique BSPT 60°

Maschio conico BSPT sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSPT	**841140404**
5/16"	1/4" BSPT	**841140405**
3/8"	1/4" BSPT	**841140406**
1/4"	3/8" BSPT	**841140604**
5/16"	3/8" BSPT	**841140605**
3/8"	3/8" BSPT	**841140606**
1/2"	3/8" BSPT	**841140608**
3/8"	1/2" BSPT	**841140806**
1/2"	1/2" BSPT	**841140808**
5/8"	1/2" BSPT	**841140810**
3/4"	1/2" BSPT	**841140812**
1/2"	3/4" BSPT	**841141208**
5/8"	3/4" BSPT	**841141210**
3/4"	3/4" BSPT	**841141212**
3/4"	1" BSPT	**841141612**
1"	1" BSPT	**841141616**
1"	1"1/4 BSPT	**841142016**
1"1/4	1"1/4 BSPT	**841142020**
1"1/4	1"1/2 BSPT	**841142420**
1"1/2	1"1/2 BSPT	**841142424**
2"	2" BSPT	**841143232**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias rectas rosca NPSM cono 60° doble hexagonal

Double hexagonal NPSM Swivel female cone 60°

Femelle NPSM cône 60° double hexagonal

Femmina diritta NPSM sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**843610404**
3/8"	3/8" 18h NPSM	**843610606**
1/2"	1/2" 14h NPSM	**843610808**
3/4"	3/4" 14h NPSM	**843611212**
1"	1" - 11 1/2h NPSM	**843611616**

Hembras giratorias rectas rosca NPSM cono 60°

NPSM Swivel female 60° cone

Femelle NPSM cône 60°

Femmina diritta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
3/16"	1/4" 18h NPSM	**842610403**
1/4"	1/4" 18h NPSM	**842610404**
3/8"	3/8" 18h NPSM	**842610606**
3/8"	1/2" 14h NPSM NEW	**842610806**
1/2"	1/2" 14h NPSM	**842610808**
3/4"	3/4" 14h NPSM	**842611212**
3/4"	1"-11 1/2h NPSM	**842611612**
1"	1"-11 1/2h NPSM	**842611616**
1"1/4	1"1/4-11 1/2h NPSM	**842612020**
1"1/2	1"1/2-11 1/2h NPSM	**842612424**

Hembras giratorias 90° rosca NPSM cono 60°

NPSM Swivel female 60° cone (90° Elbow)

Coude 90° femelle NPSM cône 60°

Femmina 90° NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**842620404**
3/8"	3/8" 18h NPSM	**842620606**
1/2"	1/2" 14h NPSM	**842620808**
3/4"	3/4" 14h NPSM	**842621212**
1"	1"-11 1/2h NPSM	**842621616**

Hembras giratorias 45° rosca NPSM cono 60°

NPSM Swivel female 60° cone (45° Elbow)

Coude 45° femelle NPSM cône 60°

Femmina 45° NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**842630404**
3/8"	3/8" 18h NPSM	**842630606**
1/2"	1/2" 14h NPSM	**842630808**
3/4"	3/4" 14h NPSM	**842631212**
1"	1"-11 1/2h NPSM	**842631616**

Machos rosca cónica NPT

NPT Male pipe straight

Embout mâle conique NPT (BRIGGS)

Maschio conico NPT sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/8" NPT	**841610204**
3/16"	1/4" NPT	**841610403**
1/4"	1/4" NPT	**841610404**
5/16"	1/4" NPT	**841610405**
3/8"	1/4" NPT	**841610406**
1/4"	3/8" NPT	**841610604**
5/16"	3/8" NPT	**841610605**
3/8"	3/8" NPT	**841610606**
1/2"	3/8" NPT	**841610608**
1/4"	1/2" NPT	**841610804**
3/8"	1/2" NPT	**841610806**
1/2"	1/2" NPT	**841610808**
5/8"	1/2" NPT	**841610810**
3/4"	1/2" NPT	**841610812**
1/2"	3/4" NPT	**841611208**
5/8"	3/4" NPT	**841611210**
3/4"	3/4" NPT	**841611212**
1"	3/4" NPT	**841611216**
3/4"	1" NPT	**841611612**
1"	1" NPT	**841611616**
1"	1"1/4 NPT	**841612016**
1"1/4	1"1/4 NPT	**841612020**
1"	1"1/2 NPT	**841612416**
1"1/4	1"1/2 NPT	**841612420**
1"1/2	1"1/2 NPT	**841612424**
2"	2" NPT	**841613232**

Machos giratorios NPT

Swivel male NPT

Mâle tournant NPT

Maschio girevole NPT



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPT	**841650404**
3/8"	3/8" NPT	**841650606**
3/8"	1/2" NPT	**841650806**
1/2"	1/2" NPT	**841650808**
3/4"	1/2" NPT	**841650812**
1/2"	3/4" NPT	**841651208**
3/4"	3/4" NPT	**841651212**
3/4"	1" NPT	**841651612**
1"	1" NPT	**841651616**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias recta JIC 37° doble hexagonal

Double hexagonal JIC 37° Swivel female

Femelle JIC 37° double hexagonal

Femmina diritta JIC 37° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**842420703**
1/4"	7/16" 20h UNF	**842420704**
5/16"	7/16" 20h UNF	**842420705**
3/8"	7/16" 20h UNF	**842420706**
1/4"	1/2" 20h UNF	**842420804**
5/16"	1/2" 20h UNF	**842420805**
3/8"	1/2" 20h UNF	**842420806**
1/4"	9/16" 18h UNF	**842420904**
5/16"	9/16" 18h UNF	**842420905**
3/8"	9/16" 18h UNF	**842420906**
3/8"	3/4" 16h UNF	**842421206**
1/2"	3/4" 16h UNF	**842421208**
5/8"	3/4"16h UNF	**842421210**
3/4"	3/4" 16h UNF	**842421212**
1/2"	7/8" 14h UNF	**842421408**
5/8"	7/8" 14h UNF	**842421410**
3/4	7/8" 14h UNF	**842421412**
1/2"	1 1/16" 12h UN	**842421708**
5/8"	1"1/16 12h UN	**842421710**
3/4"	1"1/16 12h UN	**842421712**
1"	1"1/16 12h UN	**842421716**
3/4"	1"5/16 12h UN	**842422112**
1"	1"5/16 12h UN	**842422116**
1"1/4	1"5/8 12h UN	**842422620**
1"1/2	1"7/8 12h UN	**842423024**
2"	2"1/2 12h UN	**842424032**

Hembras giratorias recta JIC 37°

JIC 37° Swivel female

Femelle droite JIC cône 37°

Femmina diritta JIC 37



DN	ROSCA THREAD	Referencia Part n°
3.2 mm	7/16" 20h UNF	**841420701**
3/16"	7/16" 20h UNF	**841420703**
1/4"	7/16" 20h UNF	**841420704**
5/16"	7/16" 20h UNF	**841420705**
3/16"	1/2" 20h UNF	**841420803**
1/4"	1/2" 20h UNF	**841420804**
5/16"	1/2" 20h UNF	**841420805**
1/4"	9/16" 18h UNF	**841420904**
5/16"	9/16" 18h UNF	**841420905**
3/8"	9/16" 18h UNF	**841420906**
3/8"	3/4" 16h UNF	**841421206**
1/2"	3/4" 16h UNF	**841421208**
3/8"	7/8" 14h UNF	**841421406**
1/2"	7/8" 14h UNF	**841421408**
5/8"	7/8" 14h UNF	**841421410**
1/2"	1"1/16 12h UN	**841421708**
5/8"	1"1/16 12h UN	**841421710**
3/4"	1"1/16 12h UN	**841421712**
1"	1"1/16 12h UN	**841421716**
3/4"	1"5/16 12h UN	**841422112**
1"	1"5/16 12h UN	**841422116**
1"	1"5/8 12h UN	**841422616**
1"1/4	1"5/8 12h UN	**841422620**
1" 1/4	1"7/8 12h UN	**841423020**
1"1/2	1"7/8 12h UN	**841423024**
2"	2"1/2 12h UN	**841424032**

Hembras giratorias 90° JIC 37°

JIC 37° Swivel female (90° Elbow)

Coude 90° femelle JIC cône 37°

Femmina 90° JIC sede 37°



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**841380703**
1/4"	7/16" 20h UNF	**841380704**
5/16"	7/16" 20h UNF	**841380705**
1/4"	1/2" 20h UNF	**841380804**
5/16"	1/2" 20h UNF	**841380805**
1/4"	9/16" 18h UNF	**841380904**
5/16"	9/16" 18h UNF	**841380905**
3/8"	9/16" 18h UNF	**841380906**
3/8"	3/4" 16h UNF	**841381206**
1/2"	3/4" 16h UNF	**841381208**
3/8"	7/8" 14h UNF	**841381406**
1/2"	7/8" 14h UNF	**841381408**
5/8"	7/8" 14h UNF	**841381410**
1/2"	1"1/16 12h UN	**841381708**
5/8"	1"1/16 12h UN	**841381710**
3/4"	1"1/16 12h UN	**841381712**
3/4"	1" 5/16 12h UN	**841382112**
1"	1"5/16 12h UN	**841382116**
1"	1"5/8 12h UN	**841382616**
1"1/4	1"5/8 12h UN	**841382620**
1" 1/4	1" 7/8 12h UN	**841383020**
1"1/2	1"7/8 12h UN	**841383024**
2"	2"1/2 12h UN	**841384032**

Hembras giratorias 45° JIC 37°

JIC 37° Swivel female (45° Elbow)

Coude 45° femelle JIC cône 37°

Femmina 45° JIC sede 37°



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**841390703**
1/4"	7/16" 20h UNF	**841390704**
1/4"	1/2" 20h UNF	**841390804**
5/16"	1/2" 20h UNF	**841390805**
1/4"	9/16" 18h UNF	**841390904**
5/16"	9/16" 18h UNF	**841390905**
3/8"	9/16" 18h UNF	**841390906**
3/8"	3/4" 16h UNF	**841391206**
1/2"	3/4" 16h UNF	**841391208**
3/8"	7/8" 14h UNF	**841391406**
1/2"	7/8" 14h UNF	**841391408**
5/8"	7/8" 14h UNF	**841391410**
5/8"	1"1/16 12h UN	**841391710**
3/4"	1"1/16 12h UN	**841391712**
3/4"	1"5/16 12h UN	**841392112**
1"	1"5/16 12h UN	**841392116**
1"	1"5/8 12h UN	**841392616**
1"1/4	1"5/8 12h UN	**841392620**
1"1/4	1"7/8 12h UN	**841393020**
1"1/2	1"7/8 12h UN	**841393024**
2"	2"1/2 12h UN	**841394032**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Machos rosca JIC cono 37°

Male JIC 37°

Mâle fixe JIC cône 37°

Maschio JIC 37°



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**841400703**
1/4"	7/16" 20h UNF	**841400704**
1/4"	1/2" 20h UNF	**841400804**
5/16"	1/2" 20h UNF	**841400805**
1/4"	9/16" 18h UNF	**841400904**
5/16"	9/16" 18h UNF	**841400905**
3/8"	9/16" 18h UNF	**841400906**
1/4"	3/4" 16h UNF	**841401204**
3/8"	3/4" 16h UNF	**841401206**
1/2"	3/4" 16h UNF	**841401208**
3/8"	7/8" 14h UNF	**841401406**
1/2"	7/8" 14h UNF	**841401408**
5/8"	7/8" 14h UNF	**841401410**
5/8"	1"1/16 12h UN	**841401710**
3/4"	1"1/16 12h UN	**841401712**
1"	1"1/16 12h UN	**841401716**
3/4"	1"5/16 12h UN	**841402112**
1"	1"5/16 12h UN	**841402116**
1"	1"5/8 12h UN	**841402616**
1"1/4	1"5/8 12h UN	**841402620**
1"1/2	1"7/8 12h UN	**841403024**
2"	2"1/2 12h UN	**841404032**

Machos rosca JIC cono 37° con junta

Male JIC 37° with o'ring

Mâle fixe JIC cône 37° avec o'ring

Maschio JIC sede 37° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**841410704**
3/8"	9/16" 18h UNF	**841410906**
1/2"	3/4" 16h UNF	**841411208**
3/4"	1"1/16 12h UN	**841411712**
1"	1"5/16 12h UN	**841412116**
1"1/4	1"5/8 12h UN	**841412620**
1"1/2	1"7/8 12h UN	**841413024**
2"	2"1/2 12h UN	**841414032**

Hembras giratorias 90° compactas JIC 37°

JIC 37° Swivel female (90° Compact Elbow)

Coude femelle 90° compact JIC cône 37°

Femmina 90° JIC sede 37° compatta



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**841370704**
3/8"	9/16" 18h UNF	**841370906**
1/2"	3/4" 16h UNF	**841371208**
3/4"	1"1/16 12h UNF	**841371712**
1"	1"5/16 12h UNF	**841372116**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias rectas DKOL rosca Métrica cono 24°

Metric female swivel L with o'ring 24° cone

Femelle Métrique L avec o'ring cône 24°

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



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/16"	6	L	M12x1.5	**84804120603**
1/4"	6	L	M12x1.5	**84804120604**
1/4"	8	L	M14x1.5	**84804140804**
5/16"	8	L	M14x1.5	**84804140805**
3/8"	8	L	M 14x1.5	**84804140806**
1/4"	10	L	M16x1.5	**84804161004**
5/16"	10	L	M16x1.5	**84804161005**
3/8"	10	L	M16x1.5	**84804161006**
1/4"	12	L	M18x1.5	**84804181204**
5/16"	12	L	M18x1.5	**84804181205**
3/8"	12	L	M18x1.5	**84804181206**
1/2"	12	L	M 18x1.5	**84804181208**
1/4"	15	L	M22x1.5	**84804221504**
5/16"	15	L	M22x1.5	**84804221505**
3/8"	15	L	M22x1.5	**84804221506**
1/2"	15	L	M22x1.5	**84804221508**
5/8"	15	L	M22x1,5	**84804221510**
3/8"	18	L	M26x1,5	**84804261806**
1/2"	18	L	M26x1.5	**84804261808**
5/8"	18	L	M26x1.5	**84804261810**
3/4"	18	L	M26x1.5	**84804261812**
1/2"	22	L	M30x2	**84804302208**
5/8"	22	L	M30x2	**84804302210**
3/4"	22	L	M30x2	**84804302212**
3/4"	28	L	M36x2	**84804362812**
1"	28	L	M36x2	**84804362816**
1"	35	L	M45x2	**84804453516**
1"1/4	35	L	M45x2	**84804453520**
1"1/4	42	L	M52x2	**84804524220**
1"1/2	42	L	M52x2	**84804524224**
2"	42	L	M52x2	**84804524232**

Hembras giratorias rectas DKOS rosca Métrica cono 24°

Metric female swivel S with o'ring 24° cone

Femelle Métrique S avec o'ring cône 24°

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



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	6	S	M14x1.5	**84804140604**
1/4"	8	S	M16x1.5	**84804160804**
5/16"	8	S	M16x1.5	**84804160805**
3/8"	8	S	M16x1.5	**84804160806**
1/4"	10	S	M18x1.5	**84804181004**
5/16"	10	S	M18x1.5	**84804181005**
3/8"	10	S	M18x1.5	**84804181006**
1/4"	12	S	M20x1.5	**84804201204**
5/16"	12	S	M20x1.5	**84804201205**
3/8"	12	S	M20x1.5	**84804201206**
1/2"	12	S	M20x1.5	**84804201208**
5/16"	14	S	M22x1.5	**84804221405**
3/8"	14	S	M22x1.5	**84804221406**
1/2"	14	S	M22X1.5	**84804221408**
1/4"	16	S	M24x1.5	**84804241604**
5/16"	16	S	M24x1.5	**84804241605**
3/8"	16	S	M24x1.5	**84804241606**
1/2"	16	S	M24x1.5	**84804241608**
5/8"	16	S	M24x1.5	**84804241610**
1/2"	20	S	M30x2	**84804302008**
5/8"	20	S	M30x2	**84804302010**
3/4"	20	S	M30x2	**84804302012**
5/8"	25	S	M36x2	**84804362510**
3/4"	25	S	M36x2	**84804362512**
1"	25	S	M36x2	**84804362516**
3/4"	30	S	M42x2	**84804423012**
1"	30	S	M42x2	**84804423016**
1"1/4	38	S	M52x2	**84804523820**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Machos rosca Métrica cono 24°

Metric Male stud 24° cone

Mâle métrique cône 24°

Maschio Metrico sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	6	L	M12x1.5	**84203120604**
1/4"	8	L	M14x1.5	**84203140804**
1/4"	10	L	M16x1.5	**84203161004**
5/16"	10	L	M16x1.5	**84203161005**
3/8"	10	L	M16x1.5	**84203161006**
1/4"	12	L	M18x1.5	**84203181204**
5/16"	12	L	M18x1.5	**84203181205**
3/8"	12	L	M18x1.5	**84203181206**
3/8"	15	L	M22x1.5	**84203221506**
1/2"	15	L	M22x1.5	**84203221508**
1/2"	18	L	M26x1.5	**84203261808**
5/8"	18	L	M26x1.5	**84203261810**
3/4"	22	L	M30x2	**84203302212**
1"	28	L	M36x2	**84203362816**
1"1/4	35	L	M45x2	**84203453520**
1"1/2	42	L	M52x2	**84203524224**
1/4"	6	S	M14x1.5	**84203140604**
1/4"	8	S	M16x1.5	**84203160804**
1/4"	10	S	M18x1.5	**84203181004**
5/16"	10	S	M18x1.5	**84203181005**
3/8"	10	S	M18x1.5	**84203181006**
5/16"	12	S	M20x1.5	**84203201205**
3/8"	12	S	M20x1.5	**84203201206**
3/8"	14	S	M22x1.5	**84203221406**
1/2"	14	S	M22x1.5	**84203221408**
1/2"	16	S	M24x1.5	**84203241608**
5/8"	20	S	M30x2	**84203302010**
3/4"	20	S	M30x2	**84203302012**
3/4"	25	S	M36x2	**84203362512**
1"	25	S	M36x2	**84203362516**
1"	30	S	M42x2	**84203423016**
1"1/4	38	S	M52x2	**84203523820**

Hembras giratorias rectas rosca Métrica cono 24° /60°

Metric female swivel 24° /60° cone

Femelle Métrique cône 24° /60°

Femmina Metrica sede 24° /60°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**84404140804**
1/4"	10	L	M16x1.5	**84404161004**
5/16"	10	L	M16x1.5	**84404161005**
3/8"	10	L	M16x1.5	**84404161006**
5/16"	12	L	M18x1.5	**84404181205**
3/8"	12	L	M18x1.5	**84404181206**
3/8"	15	L	M22x1.5	**84404221506**
1/2"	15	L	M22x1.5	**84404221508**
5/8"	18	L	M26x1.5	**84404261810**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias DKO 90° Métricas cono 24°

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

Coude 90° femelle Métrique cône 24° avec o'ring

Femmina Metrica 90° sede 24° con o'ring



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°
3/16"	6	M12x1.5	L	**84305120603**
1/4"	6	M12x1.5	L	**84305120604**
1/4"	8	M14x1.5	L	**84305140804**
5/16"	8	M14x1.5	L	**84305140805**
1/4"	10	M16x1.5	L	**84305161004**
5/16"	10	M16x1.5	L	**84305161005**
3/8"	10	M16x1.5	L	**84305161006**
1/4"	12	M18x1.5	L	**84305181204**
5/16"	12	M18x1.5	L	**84305181205**
3/8"	12	M18x1.5	L	**84305181206**
1/2"	12	M18x1.5	L	**84305181208**
3/8"	15	M22x1.5	L	**84305221506**
1/2"	15	M22x1.5	L	**84305221508**
5/8"	15	M22x1.5	L	**84305221510**
1/2"	18	M26x1.5	L	**84305261808**
5/8"	18	M26x1.5	L	**84305261810**
5/8"	22	M30x2	L	**84305302210**
3/4"	22	M30x2	L	**84305302212**
3/4"	28	M36x2	L	**84305362812**
1"	28	M36x2	L	**84305362816**
1" 1/4	35	M45x2	L	**84305453520**
1" 1/2	42	M52x2	L	**84305524224**
1/4"	6	M14x1.5	S	**84305140604**
1/4"	8	M16x1.5	S	**84305160804**
5/16"	8	M16x1.5	S	**84305160805**
1/4"	10	M18x1.5	S	**84305181004**
5/16"	10	M18X1.5	S	**84305181005**
3/8"	10	M18x1.5	S	**84305181006**
1/4"	12	M20x1.5	S	**84305201204**
5/16"	12	M20x1.5	S	**84305201205**
3/8"	12	M20x1.5	S	**84305201206**
1/2"	12	M20x1.5	S	**84305201208**
3/8"	14	M22x1.5	S	**84305221406**
1/2"	14	M22x1.5	S	**84305221408**
3/8"	16	M24x1.5	S	**84305241606**
1/2"	16	M24x1.5	S	**84305241608**
3/8"	20	M30x2	S	**84305302006**
1/2"	20	M30x2	S	**84305302008**
5/8"	20	M30x2	S	**84305302010**
3/4"	20	M30x2	S	**84305302012**
3/4"	25	M36x2	S	**84305362512**
1"	25	M36x2	S	**84305362516**
5/8"	30	M42x2	S	**84305423010**
3/4"	30	M42X2	S	**84305423012**
1"	30	M42x2	S	**84305423016**
1" 1/4	38	M52x2	S	**84305523820**

Hembras giratorias DKO 45° Métricas cono 24°

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

Coude 45° femelle Métrique cône 24° avec o'ring

Femmina Metrica 45° sede 24° con o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/16"	6	L	M12x1.5	**84306120603**
1/4"	6	L	M12x1.5	**84306120604**
1/4"	8	L	M14x1.5	**84306140804**
5/16"	8	L	M14x1.5	**84306140805**
1/4"	10	L	M16x1.5	**84306161004**
5/16"	10	L	M16x1.5	**84306161005**
3/8"	10	L	M16x1.5	**84306161006**
1/4"	12	L	M18x1.5	**84306181204**
5/16"	12	L	M18x1.5	**84306181205**
3/8"	12	L	M18x1.5	**84306181206**
1/2"	12	L	M18x1.5	**84306181208**
3/8"	15	L	M22x1.5	**84306221506**
1/2"	15	L	M22x1.5	**84306221508**
5/8"	15	L	M22x1.5 NEW	**84306221510**
1/2"	18	L	M26X1.5	**84306261808**
5/8"	18	L	M26x1.5	**84306261810**
5/8"	22	L	M30x2	**84306302210**
3/4"	22	L	M30x2	**84306302212**
3/4"	28	L	M36x2	**84306362812**
1"	28	L	M36x2	**84306362816**
1" 1/4	35	L	M45x2	**84306453520**
1"1/2	42	L	M52x2	**84306524224**
1/4"	6	S	M14x1.5	**84306140604**
1/4"	8	S	M16x1.5	**84306160804**
5/16"	8	S	M16x1.5	**84306160805**
1/4"	10	S	M18x1.5	**84306181004**
3/8"	10	S	M18x1.5	**84306181006**
1/4"	12	S	M20x1.5	**84306201204**
5/16"	12	S	M20x1.5	**84306201205**
3/8"	12	S	M20x1.5	**84306201206**
1/2"	12	S	M20x1.5	**84306201208**
3/8"	14	S	M22x1.5	**84306221406**
3/8"	16	S	M24x1.5	**84306241606**
1/2"	16	S	M24x1.5	**84306241608**
3/8"	20	S	M30x2	**84306302006**
1/2"	20	S	M30x2	**84306302008**
5/8"	20	S	M30x2	**84306302010**
3/4"	20	S	M30x2	**84306302012**
3/4"	25	S	M36x2	**84306362512**
1"	25	S	M36x2	**84306362516**
3/4"	30	S	M42x2	**84306423012**
1"	30	S	M42x2	**84306423016**
1"1/4	38	S	M52x2	**84306523820**

*Consultar / On request / Sur demande / Su richiesta

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias rectas rosca Métrica 24° sin junta tórica

Metric female swivel without o'ring 24° cone

Femelle Métrique cône 24° sans o'ring

Femmina Metrica sede 24° senza o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**84814140804**
5/16"	10	L	M16x1.5	**84814161005**
3/8"	12	L	M18x1.5	**84814181206**
1/2"	15	L	M22x1.5	**84814221508**
5/8"	18	L	M26x1.5	**84814261810**
3/4"	22	L	M30x2	**84814302212**
1"	28	L	M36x2 NEW	**84814362816**

Hembras giratorias 90° Métricas 24° sin junta tórica

Metric swivel female without o'ring 24° cone (90° Elbow)

Coude 90° femelle Métrique cône 24° sans o'ring

Femmina Metrica 90° sede 24° senza o'ring



DN	TUBO PIPE	SERIE Serie	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**84315140804**
5/16"	10	L	M16x1.5	**84315161005**
3/8"	12	L	M18x1.5	**84315181206**
1/2"	15	L	M22x1.5	**84315221508**
5/8"	18	L	M26x1.5	**84315261810**
3/4"	22	L	M30x2	**84315302212**

Hembras giratorias 45° Métricas 24° sin junta tórica

Metric swivel female without o'ring 24° cone (45° Elbow)

Coude 45° femelle Métrique cône 24° sans o'ring

Femmina Metrica 45° sede 24° senza o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**84316140804**
5/16"	10	L	M16x1.5	**84316161005**
3/8"	12	L	M18x1.5	**84316181206**
1/2"	15	L	M22x1.5	**84316221508**
5/8"	18	L	M26x1.5	**84316261810**
3/4"	22	L	M30x2	**84316302212**

- Sin junta tórica
- Especial mangueras PTFE
- Altas temperaturas
- Resistencia química

- Without o'ring
- PTFE Hose
- High temperature
- Chemist resistance



Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Espigas lisas rectas Métricas ISO 8434-1 / DIN2353

Metric standpipe for ISO 8434-1 / DIN2353 fittings

Embout lisse droit Métrique ISO 8434-1 / DIN2353

Estremitá tubolare per raccordi ISO 8434-1 / DIN2353



DN	TUBO PIPE	Referencia Part n°
3.2 mm	6	841580601
1/8"	6	841580602
3/16"	6	841580603
1/4"	6	841580604
3/16"	8	841580803
1/4"	8	841580804
5/16"	8	841580805
3/8"	8	841580806
1/4"	10	841581004
5/16"	10	841581005
3/8"	10	841581006
1/4"	12	841581204
5/16"	12	841581205
3/8"	12	841581206
1/2"	12	841581208
3/8"	14	841581406
1/2"	14	841581408
3/8"	15	841581506
1/2"	15	841581508
1/2"	16	841581608
1/2"	18	841581808
5/8"	18	841581810
3/4"	18	841581812
1/2"	20	841582008
5/8"	20	841582010
3/4"	20	841582012
5/8"	22	841582210
3/4"	22	841582212
3/4"	25	841582512
1"	25	841582516
1"	28	841582816
1"	30	841583016
1"1/4	35	841583520
1"1/4	38	841583820
1"1/2	38	841583824
1"1/2	42	841584224

Espigas lisas rectas para tubo en pulgadas

Fractional Straight standpipe

Embout lisse tube pouce

Estremitá tubolare serie pollici



DN	TUBO PIPE	Referencia Part n°
1/4"	6.4	841590604
3/8"	9.5	841590906
3/8"	12.7	841591206
1/2"	12.7	841591208
5/8"	12.7	841591210
1/2"	15.8	841591508
5/8"	15.8	841591510
5/8"	19.05	841591910
3/4"	19.05	841591912
1"	25.4	841592516

Espigas lisas rectas HEX para tubo en pulgadas TrΔle® LOK

NEW

Fractional HEX Straight standpipe TrΔle® LOK

Embout lisse tube HEX pouce TrΔle® LOK

Estremitá tubolare HEX serie pollici TrΔle® LOK



DN	TUBO PIPE	Referencia Part n°
1/4"	6.4	841690404
3/8"	9.5	841690606
1/2"	12.7	841690808
3/4"	19.05	841691212
1"	25.4	841691616

Espigas lisas 90° Métricas ISO 8434-1 / DIN2353

Metric standpipe ISO 8434-1 / DIN2353 fittings (90° Elbow)

Embout lisse coude 90° Métrique ISO 8434-1 / DIN2353

Estremitá tubolare 90° per raccordi ISO 8434-1 / DIN2353



DN	TUBO PIPE	Referencia Part n°
1/8"	6	842580602
3/16"	6	842580603
1/4"	6	842580604
3/16"	8	842580803
1/4"	8	842580804
5/16"	8	842580805
1/4"	10	842581004
5/16"	10	842581005
3/8"	10	842581006
1/4"	12	842581204
5/16"	12	842581205
3/8"	12	842581206
1/2"	12	842581208
3/8"	14	842581406
1/2"	14	842581408
3/8"	15	842581506
1/2"	15	842581508
1/2"	16	842581608
1/2"	18	842581808
5/8"	18	842581810
5/8"	20	842582010
3/4"	20	842582012
5/8"	22	842582210
3/4"	22	842582212
3/4"	25	842582512
1"	28	842582816
1"	30	842583016

Espigas lisas 90° para tubo en pulgadas

Fractional standpipe (90° Elbow)

Embout lisse coude 90° tube pouce

Estremitá tubolare 90° serie pollici



DN	TUBO PIPE	Referencia Part n°
1/4"	6.4	842590604
3/8"	9.5	842590906
1/2"	12.7	842591208

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Espigas lisas 45° Métricas ISO 8434-1 / DIN2353

Metric standpipe ISO 8434-1 / DIN2353 fittings (45° Elbow)

Embout lisse coude 45° ISO 8434-1 / DIN2353

Estremitá tubolare 45° per raccordi ISO 8434-1 / DIN2353



DN	TUBO PIPE	Referencia Part n°
1/8"	6	**843580602**
3/16"	6	**843580603**
1/4"	6	**843580604**
3/16"	8	**843580803**
1/4"	8	**843580804**
5/16"	8	**843580805***
1/4"	10	**843581004**
5/16"	10	**843581005**
3/8"	10	**843581006**
1/4"	12	**843581204**
5/16"	12	**843581205**
3/8"	12	**843581206**
1/2"	12	**843581208**
3/8"	14	**843581406**
1/2"	14	**843581408**
3/8"	15	**843581506**
1/2"	15	**843581508**
1/2"	16	**843581608**
1/2"	18	**843581808**
5/8"	18	**843581810**
5/8"	20	**843582010**
1/2"	20	**843582012**
5/8"	22	**843582210**
3/4"	22	**843582212**
3/4"	25	**843582512**
1"	28	**843582816**
1"	30	**843583016**

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

Espigas lisas 45° para tubo en pulgadas

Fractional Standpipe for inch tube (45° Elbow)

Embout lisse coude 45° tube pouce

Estremitá tubolare 45° serie pollici



DN	TUBO PIPE	Referencia Part n°
1/4"	6,4	**843590604**
3/8"	9,5	**843590906**
1/2"	12,7	**843591208**

Espigas de prensar dobles

Double crimp standpipe

Embout double jonction

Giunzione tubo-tubo



DN	Referencia Part n°
1/4"	**843000404**
5/16"	**843000505**
3/8"	**843000606**
1/2"	**843000808**
3/4"	**843001212**
1"	**843001616**
1"1/4	**843002020**
1" 1/2	**843002424**
2"	**843003232**

Espigas soldables

Welding standpipes

Embout lisse à souder

Inserti a saldare



DN	Referencia Part n°
1/8"	**840000200***
3/16"	**840000300**
1/4"	**840000400**
5/16"	**840000500**
3/8"	**840000600**
1/2"	**840000800**
5/8"	**840001000**
3/4"	**840001200**
1"	**840001600**
1"1/4	**840002000**
1"1/2	**840002400**
2"	**840003200**
2"1/2	**840004000**

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

Espigas para Hidrolavadoras

Standpipes for hidrowashing machines

Embouts lisses pour hydrolavage

Inserti per idropulitrici



TUBO PIPE	ROSCA THREAD	Referencia Part n°
5/16"	M 22x1.5	**8305005**
3/8"	M 22x1.5	**8305006**

Tuercas para terminales hidrolavadoras inox

Hexagonal nuts for hydrowashing machines

Écrous pour hidronettoyages

Dado per idropulitrici



ROSCA THREAD	Referencia Part n°
M22x1.5	**KZTHAP22**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Orientables BSP

Banjo BSP

Banjo droit gaz BSP

Raccordo ad occhio BSP



DN	ø	Referencia Part n°
1/4"	1/4"	**841110404**
1/4"	3/8"	**841110604**
5/16"	3/8"	**841110605**
3/8"	3/8"	**841110606**
1/2"	3/8"	**841110608**
3/8"	1/2"	**841110806**
1/2"	1/2"	**841110808**
3/4"	3/4"	**841111212**
1"	1"	**841111616**

Tornillo orientable simple BSP

BSP Bolt for banjo

Vis creuse simple pour banjo gaz

Bullone forato BSP



ROSCA THREAD	Referencia Part n°	€
1/8" BSP	**Z109002**	*
1/4" BSP	**Z109004**	*
3/8" BSP	**Z109006**	*
1/2" BSP	**Z109008**	*
3/4" BSP	**Z109012**	*
1" BSP	**Z109016**	*

***Ver precios en p.176 (ADAPTADORES BSP)** / **See prices in p.176 (BSP ADAPTORS)* / *Prix à la p.176 (ADAPTEURS BSP) / **Vedere prezzi p.176 (ADATTATORI BSP)*

Orientables Métricos

Banjo Metric

Banjo droit Métrique

Raccordo ad occhio Metrico



DN	ø		Referencia Part n°
3/16"	M10x1		**841161003**
1/4"	M10x1		**841161004**
5/16"	M10x1	NEW	**841161005**
1/4"	M12x1.5		**841161204**
1/4"	M14x1.5		**841161404**
3/8"	M14x1.5		**841161406**
5/16"	M16x1.5		**841161605**
3/8"	M16x1.5		**841161606**
3/8"	M18x1.5		**841161806**
1/2"	M18x1.5		**841161808**
1/2"	M20x1.5		**841162008**
1/2"	M22x1.5		**841162208**
3/4"	M26x1.5		**841162612**

Tornillo orientable simple Métrico

Metric bolt for banjo

Vis creuse simple for banjo Métrique

Bullone forato Metrico



ROSCA THREAD	Referencia Part n°	€
M12X1.5	**Z109212**	*
M14X1.5	**Z109214**	*
M16X1.5	**Z109216**	*
M18X1.5	**Z109218**	*
M22X1.5	**Z109222**	*
M26X1.5	**Z109226**	*
M30X2	**Z109230**	*

***Ver precios en p.176 (ADAPTADORES BSP)** / **See prices in p.176 (BSP ADAPTORS)* / *Prix à la p.176 (ADAPTEURS BSP) / **Vedere prezzi p.176 (ADATTATORI BSP)*

***Consultar /** On request **/ Sur demande /** Su richiesta

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Bridas rectas SAE 3000 PSI

3000 PSI SAE Straight Flange / Code 61

Bride SAE droite série 3000 PSI

Flangia diritta SAE 3000



DN	Ø	Referencia Part n°
1/2"	30,2	**841820808**
1/2"	38,1	**841821208**
5/8"	38,1	**841821210**
3/4"	38,1	**841821212**
3/4"	44,5	**841821612**
1"	44,5	**841821616**
1"	50,8	**841822016**
1"1/4	50,8	**841822020**
1"1/4	60,3	**841822420**
1"1/2	60,3	**841822424**
1"1/2	71,4	**841823224**
2"	71,4	**841823232**
2" 1/2	84,1	**841824040**
3"	101,6	**841824848**

Bridas 90° SAE 3000 PSI

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

Bride SAE coude 90° série 3000 PSI

Flangia 90° SAE 3000



DN	Ø	Referencia Part n°
1/2"	30,2	**841830808**
1/2"	38,1	**841831208**
5/8"	38,1	**841831210**
3/4"	38,1	**841831212**
3/4"	44,5	**841831612**
1"	44,5	**841831616**
1"	50,8	**841832016**
1"1/4	50,8	**841832020**
1"1/4	60,3	**841832420**
1"1/2	60,3	**841832424**
1"1/2	71,4	**841833224**
2"	71,4	**841833232**

Bridas 45° SAE 3000 PSI

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

Bride SAE coude 45° série 3000 PSI

Flangia 45° SAE 3000



DN	Ø	Referencia Part n°
1/2"	30.2	**841840808**
1/2"	38.1	**841841208**
5/8"	38.1	**841841210**
3/4"	38.1	**841841212**
3/4"	44.5	**841841612**
1"	44.5	**841841616**
1"	50.8	**841842016**
1"1/4	50.8	**841842020**
1"1/4	60.3	**841842420**
1"1/2	60.3	**841842424**
1"1/2	71.4	**841843224**
2"	71.4	**841843232**

Bridas rectas SAE 6000 PSI

6000 PSI SAE Straight Flange / Code 62

Bride SAE droite série 6000 PSI

Flangia diritta SAE 6000



DN	Ø	Referencia Part n°
1/2"	31,8	**842820808**
1/2"	41,3	**842821208**
5/8"	41,3	**842821210**
3/4"	41,3	**842821212**
3/4"	47,6	**842821612**
1"	47,6	**842821616**
1"	54	**842822016**
1"1/4	54	**842822020**
1"1/4	63,5	**842822420**
1"1/2	63,5	**842822424**
1"1/2	79,4	**842823224**
2"	79,4	**842823232**

Bridas 90° SAE 6000 PSI

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

Bride SAE coude 90° série 6000 PSI

Flangia 90° SAE 6000



DN	Ø	Referencia Part n°
1/2"	31,8	**842830808**
1/2"	41,3	**842831208**
5/8"	41,3	**842831210**
3/4"	41,3	**842831212**
3/4"	47,6	**842831612**
1"	47,6	**842831616**
1"	54	**842832016**
1"1/4	54	**842832020**
1"1/4	63,5	**842832420**
1"1/2	63,5	**842832424**
1"1/2	79,4	**842833224**
2"	79,4	**842833232**

Bridas 45° SAE 6000 PSI

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

Bride SAE coude 45° série 6000 PSI

Flangia 45° SAE 6000



DN	Ø	Referencia Part n°
1/2"	31.8	**842840808**
1/2"	41.3	**842841208**
5/8"	41.3	**842841210**
3/4"	41.3	**842841212**
3/4"	47.6	**842841612**
1"	47.6	**842841616**
1"	54	**842842016**
1"1/4	54	**842842020**
1"1/4	63.5	**842842420**
1"1/2	63.5	**842842424**
1"1/2	79.4	**842843224**
2"	79.4	**842843232**

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Brida partida pasante

SAE Split flange

Demi-bride de fixation

Semiflangia SAE



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	30.2	1/2"	**ZBBP308302**
3000 PSI	38.1	3/4"	**ZBBP312381**
3000 PSI	44.5	1"	**ZBBP316445**
3000 PSI	50.8	1"1/4	**ZBBP320508**
3000 PSI	60.3	1"1/2	**ZBBP324603**
3000 PSI	71.4	2"	**ZBBP332714**
3000 PSI	84.1	2" 1/2	**ZBBP340841**
3000 PSI	102.4	3"	**ZBBP3481024**
3000 PSI	127	4"	**ZBBP364127**
6000 PSI	31.8	1/2"	**ZBBP608318**
6000 PSI	41.3	3/4"	**ZBBP612413**
6000 PSI	47.6	1"	**ZBBP616476**
6000 PSI	54	1"1/4	**ZBBP620540**
6000 PSI	63.5	1"1/2	**ZBBP624635**
6000 PSI	79.4	2"	**ZBBP632794**

€/par / *€/pair / €/paire / €/coppia*

Brida entera pasante

SAE Flange

Bride de fixation monobloc

Flangia monoblocco SAE



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	30.2	1/2"	**ZBBE308302**
3000 PSI	38.1	3/4"	**ZBBE312381**
3000 PSI	44.5	1"	**ZBBE316445**
3000 PSI	50.8	1"1/4	**ZBBE320508**
3000 PSI	60.3	1"1/2	**ZBBE324603**
3000 PSI	71.4	2"	**ZBBE332714**
3000 PSI	41	2" 1/2	**ZBBE340841**
3000 PSI	102.4	3"	**ZBBE3481024**
3000 PSI	127	4"	**ZBBE364127**
6000 PSI	31.8	1/2"	**ZBBE608318**
6000 PSI	41.3	3/4"	**ZBBE612413**
6000 PSI	47.6	1"	**ZBBE616476**
6000 PSI	54	1"1/4	**ZBBE620540**
6000 PSI	63.5	1"1/2	**ZBBE624635**
6000 PSI	79.4	2"	**ZBBE632794**

Tornillos para bridas SAE

Screws for SAE flanges

Vis pour brides SAE

Vite per flangia SAE



ROSCA THREAD	TAMAÑO SIZE		€
M8X30	3000-6000 PSI 1/2"	**ZTB8X30**	*
M10X35	3000 PSI 3/4"-1"	**ZTB10X35**	*
M10X40	3000 PSI 1" 1/4 - 6000 PSI 3/4"	**ZTB10X40**	*
M12X45	3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1"	**ZTB12X45**	*
M14X45	6000 PSI 1"1/4	**ZTB14X45**	*
M16X50	3000 PSI 3"-3"1/2"-4"- 6000 PSI 1" 1/2	**ZTB16X50**	*
M20X70	6000 PSI 2"	**ZTB20X70**	*

***Ver precios en p.154** / **See prices p.154 / *Voir prix p.154 / *Vedere prezzi p. 154*

Contrabrida roscada

SAE counter-flange

Contre-bride passage total

Controflangia SAE



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	30,2	1/2"	**ZBCE308302**	*
3000 PSI	38,1	3/4"	**ZBCE312381**	*
3000 PSI	44,5	1"	**ZBCE316445**	*
3000 PSI	50,8	1"1/4	**ZBCE320508**	*
3000 PSI	60,3	1"1/2	**ZBCE324603**	*
3000 PSI	71,4	2"	**ZBCE332714**	*
6000 PSI	31,8	1/2"	**ZBCE608318**	*
6000 PSI	41,3	3/4"	**ZBCE612413**	*
6000 PSI	47,6	1"	**ZBCE616476**	*
6000 PSI	54	1"1/4	**ZBCE620540**	*
6000 PSI	63,5	1"1/2	**ZBCE624635**	*
6000 PSI	79,4	2"	**ZBCE632794**	*

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 Conducciones Hidráulicas y Neumáticas** / **See prices in Hydraulic and Pneumatic Connectors' Catalogue / *Voir prix dans le Catalogue Connectique Hydraulique et Pneumatique / *Vedere prezzi nel listino Condutture Idrauliche e Pneumatiche*

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 Conducciones Hidráulicas y Neumáticas** / **See prices in Hydraulic and Pneumatic Connectors' Catalogue / *Voir prix dans le Catalogue Connectique Hydraulique et Pneumatique / *Vedere prezzi nel listino Condutture Idrauliche e Pneumatiche*

***Consultar /** On request **/ Sur demande /** Su richiesta

Conexiones Standard

Standard series
Embouts série standard
Serie Standard

Hembras giratorias rectas ORFS doble hexagonal

Double hexagonal ORFS Swivel female straight

Femelle droite ORFS double hexagonal

Femmina diritta ORFS doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**849010904**
1/4"	11/16"-16h	**849011104**
5/16"	11/16"-16h	**849011105**
3/8"	11/16"-16h	**849011106**
3/8"	13/16"-16h	**849011306**
1/2"	13/16"-16h	**849011308**
1/2"	1"-14h	**849011608**
5/8"	1"-14h	**849011610**
1/2"	1"3/16-12h	**849011908**
5/8"	1"3/16-12h	**849011910**
3/4"	1"3/16-12h	**849011912**
3/4"	1"7/16-12h	**849012312**
1"	1"7/16-12h	**849012316**
1"1/4	1" 11/16-12h	**849012720**
1"1/2	2"-12h	**849013224**
2"	2"-12h	**849013232**

Machos ORFS

ORFS Male

Mâle ORFS

Maschio ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**849120904**
5/16"	11/16"-16h	**849121105**
3/8"	11/16"-16h	**849121106**
1/2"	13/16"-16h	**849121308**
5/8"	1"-14h	**849121610**
3/4"	1"3/16-12h	**849121912**
1"	1"7/16-12h	**849122316**
1"1/4	1" 11/16-12h	**849122720**
1"1/2	2"-12h	**849123224**

Hembras giratorias 90° ORFS

ORFS Swivel female (90° Elbow)

Coude 90° femelle ORFS

Femmina 90° ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**849070904**
1/4"	11/16"-16h	**849071104**
5/16"	11/16"-16h	**849071105**
3/8"	11/16"-16h	**849071106**
3/8"	13/16"-16h	**849071306**
1/2"	13/16"-16h	**849071308**
1/2"	1"-14h	**849071608**
5/8"	1"-14h	**849071610**
5/8"	1"3/16-12h	**849071910**
3/4"	1"3/16-12h	**849071912**
3/4"	1"7/16-12h	**849072312**
1"	1"7/16-12h	**849072316**
1"1/4	1" 11/16-12h	**849072720**
1"1/2	2"-12h	**849073224**

Hembras giratorias 45° ORFS

ORFS Swivel female (45° Elbow)

Coude 45° femelle ORFS

Femmina 45° ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**849080904**
1/4"	11/16"-16h	**849081104**
5/16"	11/16"-16h	**849081105**
3/8"	11/16"-16h	**849081106**
3/8"	13/16"-16h	**849081306**
1/2"	13/16"-16h	**849081308**
1/2"	1"-14h	**849081608**
5/8"	1"-14h	**849081610**
5/8"	1"3/16-12h	**849081910**
3/4"	1"3/16-12h	**849081912**
3/4"	1"7/16-12h	**849082312**
1"	1"7/16-12h	**849082316**
1"1/4	1" 11/16-12h	**849082720**
1"1/2	2"-12h	**849083224**

Macho O'Ring Boss

O'Ring Boss Male

Mâle O'Ring Boss

Maschio O'Ring Boss



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16"-20h UNF	**847120604**
3/8"	9/16"-18h UNF	**847121006**
1/2"	3/4"-16h UNF	**847121208**
5/8"	7/8"-14h UNF	**847121610**
3/4"	1"1/16-12h UN	**847122012**
1"	1"5/16-12h UN	**847122516**

Conexiones Serie BW+ R13/R15 No Pelar

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

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	ZAC690102000	
1"1/2	ZAC690102400	1
2"	ZAC690103200	1

Hembras gir. rectas BSP cono 60° doble hexagonal c/

BSP Swivel female 60° cone double hexagonal with o'ring

Femelle tournante gaz cyl BSP 60° double hexagonale avec o'ring

Femmina diritta BSP sede 60° doppia esagono con o'ring



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	Z664102020
1"1/2	1"1/2 BSP	Z664102424
2"	2" BSP	Z664103232

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

Hembras giratorias 90° BSP cono 60° con junta

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

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

Femmina a 90° BSP sede 60° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	Z661172020

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 o'ring (45° Elbow)

Hembras giratorias 45° BSP cono 60° avec o'ring

Femmina a 45° BSP sede 60° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	Z661182020

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

Machos cilíndricos BSP 60°

BSP Male 60° cone

Mâle gaz cylindrique BSP 60°

Maschio BSP cilindrico sede 60°



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	Z661122020
1"1/2	1"1/2 BSP	Z661122424
2"	2" BSP	Z661123232

Hembras gir rectas BSP (60°) doble hex c/J tca eng.

NEW

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

Femelle BSP cône 60° double hexagonal avec joint torique écrou à douille

Femmina diritta BSP sede 60° doppio esagono con o'ring dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	Z665102020
1"1/2	1"1/2 BSP	Z665102424
2"	2" BSP	Z665103232

Hembras gir 90° BSP (60°) c/j tca engargolada

NEW

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

Coude 90° femelle gaz cylindrique BSP 60° avec joint torique écrou à jonc

Femmina 90° BSP sede 60° con o'ring dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4 BSP	1"1/4 BSP	Z665172020
1"1/2 BSP	1"1/2 BSP	Z665172424
2" BSP	2" BSP	Z665173232

Hembras gir 45° BSP (60°) c/j tca engargolada

NEW

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

Coude 45° femelle gaz cylindrique BSP 60° avec joint torique écrou à jonc

Femmina 45° BSP sede 60° con o'ring dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4 BSP	1"1/4	Z665182020
1"1/2 BSP	1"1/2	Z665182424
2" BSP	2"	Z665183232



Conexiones Serie BW+ R13/R15 No Pelar

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

Hembras gir rectas NPSM (60°) doble hexagonal con junta

Double hexagonal NPSM female 60° cone with o'ring
Femelle NPSM cône 60° double hexagonal avec joint torique
Femmina diritta NPSM sede 60° doppio esagono con o'ring



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 NPSM	**Z664612020**
1"1/2	1"1/2 NPSM	**Z664612424**
2"	2" NPSM	**Z664613232**

Machos cónicos NPT

NPT Male pipe straight
Mâle conique NPT
Maschio conico NPT



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 NPT	**Z661612020**
1"1/2	1"1/2 NPT	**Z661612424**
2"	2" NPT	**Z661613232**

Hembras giratorias rectas JIC 37° doble hexagonal

Double Hexagonal JIC 37° Swivel female
Femelle JIC 37° double hexagonal
Femmina diritta JIC 37° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12h UN	**Z662422620**
1"1/2	1"7/8 12h UN	**Z662423024**
2"	2"1/2 12h UN	**Z662424032**

Hembras giratorias 90° JIC 37°

JIC 37° Swivel female (90° Elbow)
Coude 90° femelle JIC 37°
Femmina gir. 90° JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12h UN	**Z661382620**
1"1/2	1"7/8 12h UN	**Z661383024**
2"	2"1/2 12h UN	**Z661384032**

Hembras giratorias 45° JIC 37°

JIC 37° Swivel female (45° Elbow)
Coude 45° femelle JIC 37°
Femmina gir. 45° JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12h UN	**Z661392620**
1"1/2	1"7/8 12h UN	**Z661393024**
2"	2"1/2 12h UN	**Z661394032**

Machos JIC 37° con junta

JIC 37° male with o'ring
Mâle JIC 37° avec joint torique
Maschio JIC 37° con o'ring



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12h UNF	**Z661412620**
1"1/2	1"7/8 12h UNF	**Z661413024**
2"	2"1/2 12h UNF	**Z661414032**

Conexiones Serie BW+ R13/R15 No Pelar

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

Hembras giratorias rectas ORFS doble hexagonal

ORFS Swivel female straight

Femelle droite ORFS

Femmina diritta ORFS



DN	ROSCA THREAD	Referencia Part n°
1" 1/4	1"11/16-12h	**Z669012720**
1" 1/2	2"-12h	**Z669013224**

Hembras giratorias 90° ORFS asiento plano

ORFS Swivel female (90° Elbow)

Coude 90° femelle ORFS

Femmina 90° ORFS



DN	ROSCA THREAD	Referencia Part n°
1" 1/4	1"11/16-12h	**Z669072720**
1" 1/2	2"-12h	**Z669073224**

Hembras giratorias 45° ORFS asiento plano

ORFS Swivel female (45° Elbow)

Coude 45° femelle ORFS

Femmina 45° ORFS



DN	ROSCA THREAD	Referencia Part n°
1" 1/4	1"11/16-12h	**Z669082720***
1" 1/2	2"-12h	**Z669083224**

*

Machos ORFS

ORFS Male

Mâle ORFS

Maschio ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"11/16-12h	**Z669122720**	**267,40**
1"1/2	2"-12h	**Z669123224**	**393,54**

Hembras giratorias Métricas cono 24° con junta tórica

Metric swivel female 24° seat with o'ring

Femelle Métrique 24° avec o'ring

Femmina Metrica sede 24° con o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1"1/4	38	S	M52X2	**Z66204523820**
1"1/2	38	S	M52X2	**Z66204523824**

Hembras giratorias 90° Métricas cono 24° con junta tóri

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

Coude 90° femelle Métrique 24° avec o'ring

Femmina Metrica 90° sede 24° con o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1"1/4	38	S	M52X2	**Z66205523820**

Hembras giratorias 45° Métricas cono 24° con junta tóri

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

Coude 45° femelle Métrique 24° avec o'ring

Femmina Metrica 45° sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1"1/4	38	S	M52X2	**Z66206523820**

Machos fijos Métricos cono 24°

Metric male stud 24° cone

Mâle Métrique cône 24°

Maschio Metrico sede 24° con o'ring



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1"1/4	38	S	M52x2	**Z66203523820**	**135,30**

Conexiones Serie BW+ R13/R15 No Pelar

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

Bridas recta SAE 6000 PSI

6000 PSI SAE Straight Flange / Code 62

Bride SAE droite série 6000 PSI

Flangia diritta SAE 6000



DN	Ø	Referencia Part n°
1"1/4	54	**Z662822020**
1"1/4	63.5	**Z662822420**
1"1/2	63.5	**Z662822424**
2"	54	**Z662822032**
2"	79.4	**Z662823232**

Bridas a 90° SAE 6000 PSI

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

Bride SAE coude 90° série 6000 PSI

Flangia 90° SAE 6000



DN	Ø		Referencia Part n°
1"1/4	54		**Z662832020**
1"1/4	63.5	NEW	**Z662832420**
1"1/2	63.5		**Z662832424**
2"	79.4		**Z662833232**

Bridas a 45° SAE 6000 PSI

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

Bride SAE coude 45° série 6000 PSI

Flangia 45° SAE 6000



DN	Ø	Referencia Part n°
1"1/4	54	**Z662842020**
1"1/2	63.5	**Z662842424**
2"	79.4	**Z662843232**

Conexiones Interlock

Interlock series
Embouts Interlock
Serie Interlock

Casquillos Interlock 4SH

Ferrules DIN 20023 - 4SH Interlock

Jupes à sertir DIN 20023 - 4SH Interlock

Boccola Interlock 4SH



DN	MANGUERA HOSE	Referencia Part n°
3/4"	4SH / R13 / R15	**ZA610101200**
1"	4SH / R13 / R15	**ZA610101600**
1"1/4	4SH	**ZA610102000**
1"1/2	4SH	**ZA610102400**
2"	4SH	**ZA610103200**

Casquillos Interlock R13/R15

Ferrules SAE 100 R13/R15 Interlock

Jupes à sertir R13/R15 Interlock

Boccola Interlock R13/R15



DN	Referencia Part n°
1" 1/4	**Z610102000**
1"1/2	**Z610102400**
2"	**Z610103200**

Para 3/4" y 1" son los mismos casquillos que en 4SH / *3/4" and 1" are the same ferrule* sont les mêmes jupes que pour 4SH / *Per 3/4" e 1" si utilizza la boccola 4SH*

Hembras giratoria 90° BSP cono 60° con junta

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

Coude 90° femelle gaz cylindrique BSP 60° Interlock avec joint torique

Femmina 90° BSP sede 60° Interlock con o'ring



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	**Z641072020**
2"	2" BSP	**Z641073232**

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

Hembras giratoria 45° BSP cono 60° con junta

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

Coude 45° femelle gaz cylindrique BSP 60° Interlock avec joint torique

Femmina 45° BSP sede 60° Interlock con o'ring



DN	ROSCA THREAD	Referencia Part n°
3/4"	3/4" BSP	**Z641081212**
2"	2" BSP	**Z641083232**

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

Machos cilíndricos BSP cono 60°

BSP 60° Male cone

Mâle gaz cylindrique BSP 60° Interlock

Maschio BSP cilindrico sede 60° Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	3/4" BSP	**Z641121212**
1"	1" BSP	**Z641121616**
1"1/4	1"1/4 BSP	**Z641122020**
1"1/2	1"1/2 BSP	**Z641122424**
2"	2" BSP	**Z641123232**

Machos cónicos NPT

NPT Male pipe straight Interlock

Mâle conique NPT Interlock

Maschio conico NPT Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	3/4" NPT	**Z641611212**
1"	1" NPT	**Z641611616**
1"1/4	1"1/4 NPT	**Z641612020**
1"1/2	1"1/2 NPT	**Z641612424**
2"	2" NPT	**Z641613232**

Conexiones Interlock

Interlock series
Embouts Interlock
Serie Interlock

Hembras gir rectas BSP (60°) con junta (tca engargolada)

BSP 60° cone Swivel female Interlock with o'ring wire nut
Femelle droite gaz cylindrique BSP 60° Interlock avec joint torique écrou à jonc
Femmina diritta BSP sede 60° Interlock con o'ring dado spinato



DN	ROSCA THREAD	Referencia Part n°
3/4"	3/4" BSP	**Z645001212**
1"	1" BSP	**Z645001616**
1"1/4	1"1/4 BSP	**Z645002020**
1"1/2	1"1/2 BSP	**Z645002424**
2"	2" BSP	**Z645003232**

Hembras gir 90° BSP (60°) con junta (tca engargolada)

BSP 60° cone Swivel female Interlock (90° Elbow) with o'ring wire nut
Coude 90° femelle gaz cylindrique BSP 60° Interlock avec joint torique écrou à jonc
Femmina 90° BSP sede 60° Interlock con o'ring dado spinato



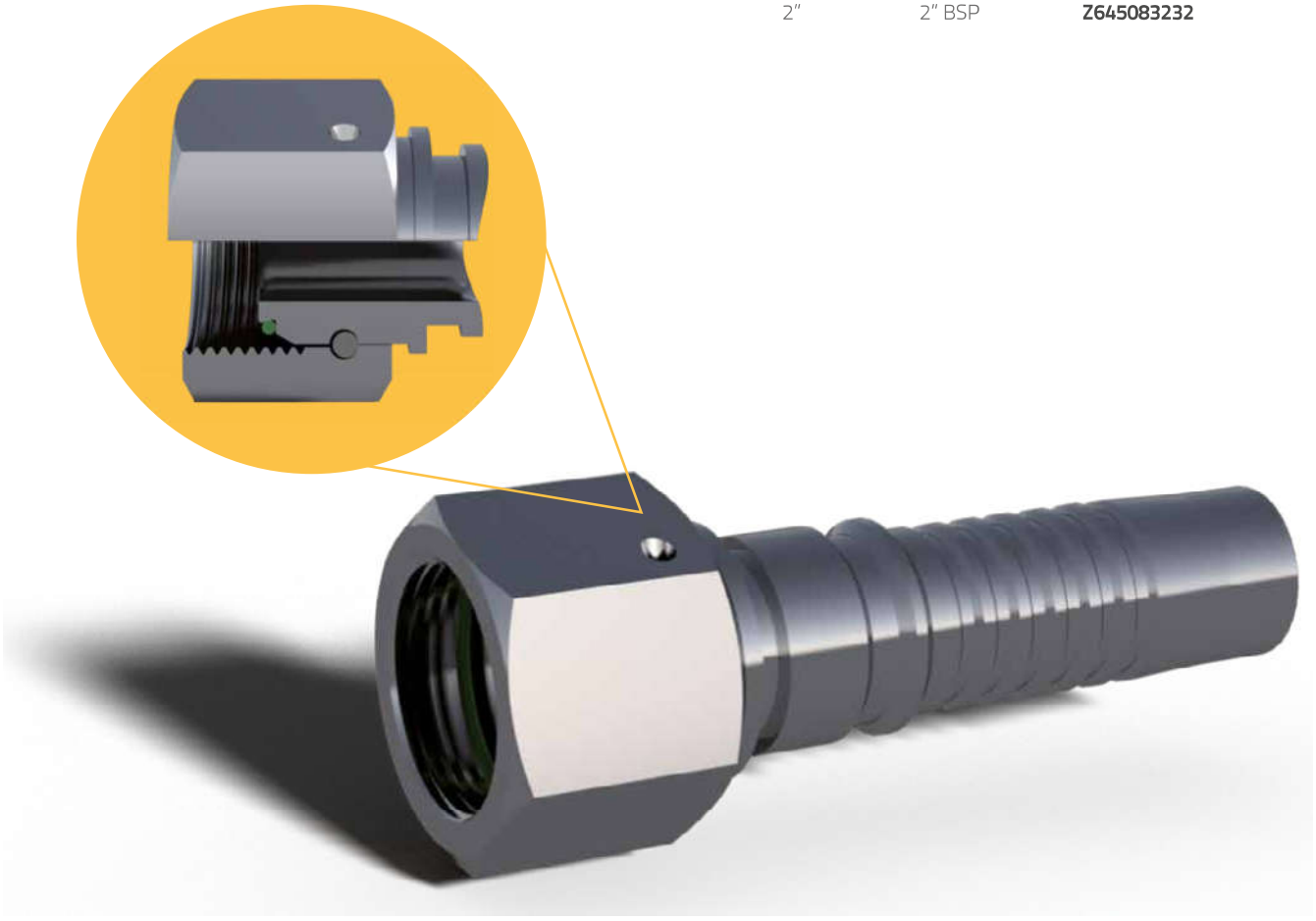
DN	ROSCA THREAD	Referencia Part n°
3/4"	3/4" BSP	**Z645071212**
1"	1" BSP	**Z645071616**
1"1/4	1"1/4 BSP	**Z645072020**
1"1/2	1"1/2 BSP	**Z645072424**
2"	2" BSP	**Z645073232**

Hembras gir 45° BSP (60°) con junta (tca engargolada)

BSP 60° cone Swivel female Interlock (45° Elbow) with o'ring wire nut
Coude 45° femelle gaz cylindrique BSP 60° Interlock avec joint torique écrou à jonc
Femmina 45° BSP sede 60° Interlock con o'ring dado spinato



DN	ROSCA THREAD	Referencia Part n°
3/4"	3/4" BSP	**Z645081212**
1"	1" BSP	**Z645081616**
1"1/4	1"1/4 BSP	**Z645082020**
1"1/2	1"1/2 BSP	**Z645082424**
2"	2" BSP	**Z645083232**



***Consultar /** On request **/ Sur demande /** Su richiesta

Conexiones Interlock

Interlock series
Embouts Interlock
Serie Interlock

Hembras giratorias JIC 37° doble hexagonal Interlock

Double hexagonal JIC 37° Swivel female

Femelle JIC 37° double hexagonal

Femmina diritta JIC 37° doppio esagono Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"1/16 12h UN	**Z642421712**
1"	1"5/16 12h UN	**Z642422116**
1"1/4	1"5/8 12h UN	**Z642422620**
1"1/2	1"7/8 12h UN	**Z642423024**
2"	2"1/2 12h UN	**Z642424032**

Hembras giratorias rectas JIC 37° Interlock

JIC 37° Swivel female Interlock

Femelle tourn.droite JIC 37° Interlock

Femmina diritta JIC 37° Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"1/16 12h UN	**Z641421712**
1"	1"5/16 12h UN	**Z641422116**
1"1/4	1"5/8 12h UN	**Z641422620**
1"1/4	1"7/8 12h UN	**Z641423020**
1"1/2	1"7/8 12h UN	**Z641423024**
2"	2"1/2 12h UN	**Z641424032**

Machos JIC 37° Interlock

JIC 37° male Interlock

Mâle JIC 37° Interlock

Maschio JIC 37° Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"1/16 12h UN	**Z641401712**
1"	1"5/16 12h UN	**Z641402116**
1"1/4	1"5/8 12h UN	**Z641402620**
1"1/2	1"7/8 12h UN	**Z641403024**
2"	2"1/2 12h UN	**Z641404032**

Hembras giratorias 90° JIC 37° Interlock

JIC 37° Swivel female Interlock (90° Elbow)

Coude 90° femelle tournante JIC 37° Interlock

Femmina 90° JIC 37° Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"1/16 12h UN	**Z641381712**
1"	1"5/16 12h UN	**Z641382116**
1"1/4	1"5/8 12h UN	**Z641382620**
1"1/2	1"7/8 12h UN	**Z641383024**
2"	2"1/2 12h UN	**Z641384032**

Hembras giratorias 45° JIC 37° Interlock

JIC 37° Swivel female Interlock (45° Elbow)

Coude 45° femelle tournante JIC 37° Interlock

Femmina 45° JIC 37° Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"1/16 12h UN	**Z641391712**
1"	1"5/16 12h UN	**Z641392116**
1"1/4	1"5/8 12h UN	**Z641392620**
1"1/2	1"7/8 12h UN	**Z641393024**
2"	2"1/2 12h UN	**Z641394032**



Bajo Consulta
On Request

Conexiones Interlock

Interlock series
Embouts Interlock
Serie Interlock

Hembras gir rectas Métricas 24° Interlock con junta tórica

Metric swivel female 24° seat serie S Interlock with o'ring

Femelle droite Métrique 24° Interlock avec o'ring

Femmina Metrica sede 24° con o'ring serie S Interlock



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/4"	20	S	M30x2	**Z64204302012**
3/4"	25	S	M36x2	**Z64204362512**
1"	30	S	M42x2	**Z64204423016**
1"1/4	38	S	M52x2	**Z64204523820**
1"1/2	38	S	M52x2	**Z64204523824**

Hembras 90° Métricas cono 24° Interlock con junta tór

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

Coude 90° femelle Métrique 24° Interlock avec o'ring

Femmina Metrica 90° sede 24° con o'ring serie S Interlock



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/4"	20	S	M30x2	**Z64205302012**
3/4"	25	S	M36x2	**Z64205362512**
1"	30	S	M42x2	**Z64205423016**
1"1/4	38	S	M52x2	**Z64205523820**
1"1/2	38	S	M52x2	**Z64205523824**

Hembras 45° Métricas cono 24° Interlock con junta tór

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

Coude 45° femelle Métrique 24° Interlock avec o'ring

Femmina Metrica 45° sede 24° serie S Interlock



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/4"	20	S	M30x2	**Z64206302012**
3/4"	25	S	M36x2	**Z64206362512**
1"	30	S	M42x2	**Z64206423016**
1"1/4	38	S	M52x2	**Z64206523820**

Machos Métricos cono 24° Interlock

Metric male stud 24° cone serie S Interlock

Mâle Métrique cône 24° Interlock

Maschio Metrico sede 24° con o'ring serie S Interlock



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/4"	20	S	M30x2	**Z64203302012**
3/4"	25	S	M36x2	**Z64203362512**
1"	30	S	M42x2	**Z64203423016**
1"1/4	38	S	M52x2	**Z64203523820**

Hembras giratorias rectas ORFS Interlock

Interlock ORFS Swivel female straight

Femelle droite ORFS Interlock

Femmina diritta ORFS Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"3/16-12h	**Z649011912**
1"	1"7/16-12h	**Z649012316**
1"1/4	1" 11/16-12h	**Z649012720**
1"1/2	2"-12h	**Z649013224**

Machos ORFS Interlock

Interlock ORFS Male

Mâle ORFS Interlock

Maschio ORFS Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"3/16-12h	**Z649121912**
1"	1"7/16-12h	**Z649122316**
1"1/4	1" 11/16-12h	**Z649122720**
1"1/2	2"-12h	**Z649123224**

Hembras giratorias 90° ORFS Interlock

Interlock ORFS Swivel female (90° Elbow)

Coude 90° femelle ORFS Interlock

Femmina 90° ORFS Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"3/16-12h	**Z649071912**
1"	1"7/16-12h	**Z649072316**
1" 1/4	1" 11/16-12h	**Z649072720**
1" 1/2	2"-12h	**Z649073224**

Hembras giratorias 45° ORFS Interlock

Interlock ORFS Swivel female (45° Elbow)

Coude 45° femelle ORFS Interlock

Femmina 45° ORFS Interlock



DN	ROSCA THREAD	Referencia Part n°
3/4"	1"3/16-12h	**Z649081912**
12	1"7/16-12h	**Z649082316**
1" 1/4	1" 11/16-12h	**Z649082720**
1" 1/2	2"-12h	**Z649083224**

Conexiones Interlock

Interlock series
Embouts Interlock
Serie Interlock

Bridas rectas SAE 3000 PSI Interlock

3000 PSI SAE Straight Flange Interlock / Code 61

Bride SAE droite série 3000 PSI Interlock

Flangia diritta SAE 3000 Interlock



DN	ø	Referencia Part n°
3/4"	38.1	**Z641821212**
3/4"	44.5	**Z641821612**
1"	44.5	**Z641821616**
1"	50.8	**Z641822016**
1"1/4	50.8	**Z641822020**
1"1/4	60.3	**Z641822420**
1"1/2	60.3	**Z641822424**
1"1/2	71.4	**Z641823224**
2"	71.4	**Z641823232**

Bridas Rectas SAE 6000 PSI Interlock

6000 PSI SAE Straight Flange Interlock / Code 62

Bride SAE droite série 6000 PSI Interlock

Flangia diritta SAE 6000 Interlock



DN	ø	Referencia Part n°
3/4"	41,3	**Z642821212**
3/4"	47,63	**Z642821612**
1"	47,63	**Z642821616**
1"	53,98	**Z642822016**
1"1/4	54	**Z642822020**
1"1/4	63,5	**Z642822420**
1"1/2	63,5	**Z642822424**
1"1/2	79,38	**Z642823224**
2"	79,38	**Z642823232**

Bridas 90° SAE 3000 PSI Interlock

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

Coude 90° bride SAE série 3000 PSI Interlock

Flangia 90° SAE 3000 Interlock



DN	ø	Referencia Part n°
3/4"	38,1	**Z641831212**
3/4"	44,45	**Z641831612**
1"	44,45	**Z641831616**
1"	50,8	**Z641832016**
1"1/4	50,8	**Z641832020**
1"1/4	60,33	**Z641832420**
1"1/2	60.3	**Z641832424**
1"1/2	71.4	**Z641833224**
2"	71,4	**Z641833232**

Bridas 90° SAE 6000 PSI Interlock

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

Coude 90° bride SAE série 6000 PSI Interlock

Flangia 90° SAE 6000 Interlock



DN	ø	Referencia Part n°
3/4"	41,3	**Z642831212**
3/4"	47,65	**Z642831612**
1"	47,65	**Z642831616**
1"	54	**Z642832016**
1"1/4	54	**Z642832020**
1"1/4	63,5	**Z642832420**
1"1/2	63,5	**Z642832424**
1"1/2	79,4	**Z642833224**
2"	79,4	**Z642833232**

Bridas 45° SAE 3000 PSI Interlock

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

Coude 45° bride SAE série 3000 PSI Interlock

Flangia 45° SAE 3000 Interlock



DN	ø	Referencia Part n°
3/4"	38,1	**Z641841212**
3/4"	44,5	**Z641841612**
1"	44,5	**Z641841616**
1"	50,8	**Z641842016**
1"1/4	50,8	**Z641842020**
1"1/4	60,3	**Z641842420**
1"1/2	60.3	**Z641842424**
2"	71.4	**Z641843224**
2"	71.4	**Z641843232**

Bridas 45° SAE 6000 PSI Interlock

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

Coude 45° bride SAE série 6000 PSI Interlock

Flangia 45° SAE 6000 Interlock



DN	ø	Referencia Part n°
3/4"	41,3	**Z642841212**
3/4"	47,6	**Z642841612**
1"	47,6	**Z642841616**
1"	54	**Z642842016**
1"1/4	54	**Z642842020**
1"1/4	63,5	**Z642842420**
1"1/2	63,5	**Z642842424**
1"1/2	79,4	**Z642843224**
2"	79,4	**Z642843232**

Casquillos para conexiones una sola pieza

Ferrules for one piece fittings
Jupes pour embouts pré-sertis
Boccole per raccordi compatti

Casquillos R1AT/R2AT/1SN/2SN /R16/2SC/R17 serie 43

Ferrules R1AT/R2AT/1SN/2SN/R16/2SC/R17 for one piece fittings 43 series
Jupes R1AT/R2AT/1SN/2SN/R16/2SC/R17 pour embous pré-sertis série 43
Boccole a pressare R1AT/R2AT/1SN/2SN/R16/2SN/R17 per raccordi compatti serie 43



DN	Referencia Part n°
1/4"	ZPFC221200400
5/16"	ZPFC221200500
3/8"	ZPFC221200600
1/2"	ZPFC221200800
5/8"	ZPFC221201000
3/4"	ZPFC221201200
1"	ZPFC221201600
1"1/4	ZPFC221202000
1"1/2	ZPFC221202400
2"	ZPFC221203200

Casquillos 3SP/4SP/R12/4SH serie standard no p

Ferrules 3SP/4SP/R12/4SH standard series non skive
Jupes 3SP/4SP/R12/4SH série standard sans dénudage
Boccole a pressare per 3SP/4SP/R12/4SH per Serie Standard senza spellatura



DN	Referencia Part n°
3/8"	ZPF222400600
1/2"	ZPF222400800
5/8"	ZPF222401000
3/4"	ZPF222401200
1"	ZPF222401600
1" 1/4	ZPF222402000
1" 1/2	ZPF222402400
2"	ZPF222403200

Casquillos R7, R8 y elastómero malla metálica una

Ferrules R7, R8 and braid of steel wire for one piece fittings
Jupes R7, R8 et elastomère tresse métallique pour embouts pre-sertis
Boccole a pressare R7, R8 per raccordi compatti



DN	Referencia Part n°
3/16"	880120300
1/4"	880120400
5/16"	880120500
3/8"	880120600
1/2"	880120800
5/8"	880121000
3/4"	880121200
1"	880121600

Casquillos PTFE Liso una sola pieza

Ferrules smooth PTFE for one piece fittings
Jupes PTFE Lisse pour embouts pre-sertis
Boccole a pressare PTFE liscio per raccordi compatti



DN	Referencia Part n°
1/4"	880400400
5/16"	880400500
3/8"	880400600
1/2"	880400800
5/8"	880401000

Casquillos PTFE Corrugado una sola pieza

Ferrules convoluted PTFE for one piece fittings
Jupes PTFE Convoluté pour embouts pre-sertis
Boccole a pressare PTFE corrugato per raccordi compatti



DN	Referencia Part n°
1/4"	880410400
5/16"	880410500
3/8"	880410600
1/2"	880410800
5/8"	880411000
3/4"	880411200

Casquillos 1SC/1SN/2SC/R6

Ferrules 1SC/1SN/2SC/R6
Jupes 1SC/1SN/2SC/R6
Boccole a pressare per 1SC/1SN/2SC/R6 serie compatta



DN	Referencia Part n°
1/4"	ZSCC21120400
5/16"	ZSCC21120500
3/8"	ZSCC21120600
1/2"	ZSCC21120800
5/8"	ZSCC21121000
3/4"	ZSCC21121200
1"	ZSCC21121600

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	ZAC690102000
1"1/2	ZAC690102400
2"	ZAC690103200

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

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

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 compatta JIC 37° doppio esagono



DN	ROSCA THREAD	Referencia Part n°	
1/4"	7/16" 20h UNF	**882420704**	
1/4"	1/2" 20h UNF	**882420804**	
1/4"	9/16" 18h UNF	**882420904**	
3/8"	9/16" 18h UNF	**882420906**	
5/16"	1/2" 20h UNF	**882420805**	
3/8"	3/4" 16h UNF	**882421206**	
1/2"	3/4" 16h UNF	**882421208**	
5/8"	3/4" 16h UNF	**882421210**	NEW
3/4"	3/4" 16h UNF	**882421212**	
1/2"	7/8" 14h UNF	**882421408**	
5/8"	7/8" 14h UNF	**882421410**	
5/8"	1"1/16 12h UN	**882421710**	
3/4"	1"1/16 12h UN	**882421712**	
1"	1"1/16 12h UN	**882421716**	
3/4"	1"5/16 12h UN	**882422112**	
1"	1"5/16 12h UN	**882422116**	
1"1/4	1"5/8 12h UN	**882422620**	
1"1/2	1"7/8 12h UN	**882423024**	
2"	2"1/2 12h UN	**882424032**	

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°
1/4"	7/16" 20h UNF	**881420704**
1/4"	1/2" 20h UNF	**881420804**
5/16"	1/2" 20h UNF	**881420805**
1/4"	9/16" 18h UNF	**881420904**
5/16"	9/16" 18h UNF	**881420905**
3/8"	9/16" 18h UNF	**881420906**
3/8"	3/4" 16h UNF	**881421206**
1/2"	3/4" 16h UNF	**881421208**
1/2"	7/8" 14h UNF	**881421408**
5/8"	7/8" 14h UNF	**881421410**
1/2"	1"1/16 12h UN	**881421708**
5/8"	1"1/16 12h UN	**881421710**
3/4"	1"1/16 12h UN	**881421712**
1"	1"1/16 12h UN	**881421716**
3/4"	1"5/16 12h UN	**881422112**
1"	1"5/16 12h UN	**881422116**
5/8"	1"5/8 12h UN	**881422616**
1"1/4	1"5/8 12h UN	**881422620**
1"1/2	1"7/8 12h UN	**881423024**
2"	2"1/2 12h UN	**881424032**

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	**881400704**
3/8"	9/16" 18h UNF	**881400906**
1/2"	3/4" 16h UNF	**881401208**
3/8"	7/8" 14h UNF	**881401406**
1/2"	7/8" 14h UNF	**881401408**
5/8"	7/8" 14h UNF	**881401410**
5/8"	1"1/16 12h UN	**881401710**
3/4"	1"1/16 12h UN	**881401712**
1"	1"1/16 12h UN	**881401716**
3/4"	1"5/16 12h UN	**881402112**
1"	1"5/16 12h UN	**881402116**
1"1/4	1"5/8 12h UN	**881402620**
1"1/2	1"7/8 12h UN	**881403024**
2"	2"1/2 12h UN	**881404032**

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

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

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°
1/4"	7/16" 20h UNF		**881380704**
5/16"	1/2" 20h UNF		**881380805**
1/4"	9/16" 18h UNF		**881380904**
5/16"	9/16" 18h UNF	NEW	**881380905**
3/8"	9/16" 18h UNF		**881380906**
3/8"	3/4" 16h UNF		**881381206**
1/2"	3/4" 16h UNF		**881381208**
1/2"	7/8" 14h UNF		**881381408**
5/8"	7/8" 14h UNF		**881381410**
5/8"	1"1/16 12h UN	NEW	**881381710**
3/4"	1"1/16 12h UN		**881381712**
3/4"	1" 5/16 12h UN		**881382112**
1"	1"5/16 12h UN		**881382116**
1"1/4	1"5/8 12h UN		**881382620**
1"1/2	1"7/8 12h UN		**881383024**
2"	2"1/2 12h UN		**881384032**

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°
1/4"	7/16" 20h UNF	**881390704**
1/4"	9/16" 18h UNF	**881390904**
3/8"	9/16" 18h UNF	**881390906**
3/8"	3/4" 16h UNF	**881391206**
1/2"	3/4" 16h UNF	**881391208**
1/2"	7/8" 14h UNF	**881391408**
5/8"	7/8" 14h UNF	**881391410**
3/4"	1"1/16 12h UN	**881391712**
1"	1"5/16 12h UN	**881392116**
1"1/4	1"5/8 12h UN	**881392620**
1"1/2	1"7/8 12h UN	**881393024**
2"	2"1/2 12h UN	**881394032**

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

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

Hembras giratorias rectas una sola pieza ORFS doble hexagonal

One piece double hexagonal ORFS Swivel female

Femelle pré-sertie ORFS double hexagonal

Femmina diritta compatta ORFS doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**889000904**
1/4"	11/16"-16h	**889001104**
3/8"	11/16" 16h	**889001106**
3/8"	13/16"-16h	**889001306**
1/2"	13/16" 16h	**889001308**
1/2	1"-14h	**889001608**
5/8"	1"-14h	**889001610**
1/2"	1" 3/16-12h	**889001908**
5/8"	1"3/16-12h	**889001910**
3/4"	1"3/16-12h	**889001912**
3/4"	1" 7/16-12h	**889002312**
1"	1"7/16-12h	**889002316**
1"1/4	1"11/16-12h	**889002720**
1"1/2	2"-12h	**889003224**

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°
1/4"	9/16"-18h	**889070904**
1/4"	11/16"-16h	**889071104**
3/8"	11/16"-16h	**889071106**
3/8"	13/16"-16"	**889071306**
1/2"	13/16"-16h	**889071308**
1/2"	1"-14h	**889071608**
5/8"	1"-14h	**889071610**
3/4"	1"3/16-12h	**889071912**
3/4"	1-7/16-12h	**889072312**
1"	1"7/16-12h	**889072316**
1"1/4	1"11/16-12h	**889072720**
1"1/2	2"-12h	**889073224**

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	**889120904**
3/8"	11/16"-16h	**889121106**
1/2"	13/16" -16h	**889121308**
5/8"	1"-14h	**889121610**
3/4"	1"3/16-12h	**889121912**
1"	1"7/16-12h	**889122316**
1"1/4	1"11/16 -12h	**889122720**
1"1/2	2" -12h	**889123224**

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°
1/4"	9/16"-18h	**889080904**
1/4"	11/16"-16h	**889081104**
3/8"	11/16"-16h	**889081106**
3/8"	13/16"-16h	**889081306**
1/2"	13/16" 16h	**889081308**
1/2"	1"-14h	**889081608**
5/8"	1"-14h	**889081610**
3/4"	1"3/16-12h	**889081912**
3/4"	1" 7/16-12h	**889082312**
1"	1"7/16-12h	**889082316**
1"1/4	1"11/16-12h	**889082720**
1"1/2	2"-12h	**889083224**

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

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

Hembras gir rectas una sola pieza rosca NPSM (60°) doble hex

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



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**883610404**
3/8"	3/8" 18h NPSM	**883610606**
1/2"	1/2" 14h NPSM	**883610808**
3/4"	3/4" 14h NPSM	**883611212**
1"	1" - 11 1/2 h NPSM	**883611616**

Hembras giratorias rectas una sola pieza rosca NPSM

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°
1/4"	1/4" 18h NPSM	**882610404**
3/8"	3/8" 18h NPSM	**882610606**
1/2"	1/2" 14h NPSM	**882610808**
3/4"	3/4" 14h NPSM	**882611212**
1"	1" - 11 1/2 h NPSM	**882611616**
1"1/4	1"1/4 - 11 1/2 h NPSM	**882612020**

Hembras giratorias 90° una sola pieza rosca NPSM co

One piece NPSM Swivel female 60° cone (90° Elbow)
Coude 90° femelle pré-sertie NPSM cône 60°
Femmina 90° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**882620404**
3/8"	3/8" 18h NPSM	**882620606**
1/2"	1/2" 14h NPSM	**882620808**
3/4"	3/4" 14h NPSM	**882621212**
1"	1" - 11 1/2 h NPSM	**882621616**

Hembras giratorias 45° una sola pieza rosca NPSM co

One piece NPSM Swivel female 60° cone (45° Elbow)
Coude 45° femelle pré-sertie NPSM cône 60°
Femmina 45° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**882630404**
3/8"	3/8" 18h NPSM	**882630606**
1/2"	1/2" 14h NPSM	**882630808**
3/4"	3/4" 14h NPSM	**882631212**
1"	1" - 11 1/2 h NPSM	**882631616**

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°
1/4"	1/8" NPT	**881610204**
1/4"	1/4" NPT	**881610404**
3/8"	1/4" NPT	**881610406**
1/4"	3/8" NPT	**881610604**
3/8"	3/8" NPT	**881610606**
1/2"	3/8" NPT	**881610608**
1/4	1/2 NPT	**881610804**
3/8"	1/2" NPT	**881610806**
1/2"	1/2" NPT	**881610808**
5/8"	1/2" NPT	**881610810**
3/4	1/2 NPT	**881610812**
1/2"	3/4" NPT	**881611208**
5/8"	3/4" NPT	**881611210**
3/4"	3/4" NPT	**881611212**
3/4"	1" NPT	**881611612**
1"	1" NPT	**881611616**
1"1/4	1"1/4 NPT	**881612020**
1"1/2	1"1/2 NPT	**881612424**
2"	2" NPT	**881613232**

Machos giratorios una sola pieza rosca cónica NPT

One piece NPT swivel male
Mâle tournant pré-serti NPT
Maschio girevole compatto conico NPT



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPT	**881650404**
3/8"	3/8" NPT	**881650606**
3/8"	1/2" NPT	**881650806**
1/2"	1/2" NPT	**881650808**
1/2"	3/4" NPT	**881651208**
3/4"	3/4" NPT	**881651212**
1"	1"NPT	**881651616**

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

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

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	**881820808**
1/2"	38.1	**881821208**
3/4"	38.1	**881821212**
3/4"	44.5	**881821612**
1"	44.5	**881821616**
1"	50.8	**881822016**
1"1/4	50.8	**881822020**
1"1/4	60.3	**881822420**
1"1/2	60.3	**881822424**
1"1/2	71.4	**881823224**
2"	71.4	**881823232**

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	**881830808**
1/2"	38.1	**881831208**
3/4"	38.1	**881831212**
3/4"	44.5	**881831612**
1"	44.5	**881831616**
1"	50.8	**881832016**
1"1/4	50.8	**881832020**
1"1/4	60.3	**881832420**
1"1/2	60.3	**881832424**
1"1/2	71.4	**881833224**
2"	71.4	**881833232**

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	**881840808**
1/2"	38.1	**881841208**
3/4"	38.1	**881841212**
3/4"	44.5	**881841612**
1"	44.5	**881841616**
1"	50.8	**881842016**
1"1/4	50.8	**881842020**
1"1/4	60.3	**881842420**
1"1/2	60.3	**881842424**
2"	71.4	**881843232**

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	**882820808**
3/4"	41.3	**882821212**
1"	47.6	**882821616**
1"1/4	54	**882822020**
1"1/2	63.5	**882822424**
2"	79.4	**882823232**

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	**882830808**
3/4"	41.3	**882831212**
1"	47.6	**882831616**
1"1/4	54	**882832020**
1"1/2	63.5	**882832424**
2"	79.4	**882833232**

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	**882840808**
3/4"	41.3	**882841212**
1"	47.6	**882841616**
1"1/4	54	**882842020**
1"1/2	63.5	**882842424**
2"	79.4	**882843232**

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

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

Hembras gir 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°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	6	L	M12x1.5	**88804120604**
1/4"	8	L	M14x1.5	**88804140804**
1/4"	10	L	M16x1.5	**88804161004**
3/8"	10	L	M16x1.5	**88804161006**
5/16"	10	L	M16x1.5	**88804161005**
1/4"	12	L	M18x1.5	**88804181204**
3/8"	12	L	M18x1.5	**88804181206**
1/2"	12	L	M18x1.5	**88804181208**
3/8"	15	L	M22x1.5	**88804221506**
1/2"	15	L	M22x1.5	**88804221508**
1/2"	18	L	M26x1.5	**88804261808**
5/8"	18	L	M26x1.5	**88804261810**
3/4"	18	L	M26x1.5	**88804261812**
3/4"	22	L	M30x2	**88804302212**
1"	28	L	M36x2	**88804362816**
1"1/4	35	L	M45x2	**88804453520**
1"1/4	42	L	M52x2	**88804524220**
1"1/2	42	L	M52x2	**88804524224**
1/4"	8	S	M16x1.5	**88804160804**
1/4"	10	S	M18x1.5	**88804181004**
1/4"	12	S	M20x1.5	**88804201204**
3/8"	12	S	M20x1.5	**88804201206**
1/2"	12	S	M20x1.5	**88804201208**
3/8"	16	S	M24x1,5	**88804241606**
1/2"	16	S	M24x1.5	**88804241608**
5/8"	20	S	M30x2	**88804302010**
3/4"	20	S	M30x2	**88804302012**
3/4"	25	S	M36x2	**88804362512**
1"	25	S	M36x2	**88804362516**
1"	30	S	M42x2	**88804423016**
1"1/4	38	S	M52x2	**88804523820**

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	ROSCA THREAD	Referencia Part n°
1/4"	6	L	M12x1.5	**88203120604**
1/4"	8	L	M14x1.5	**88203140804**
5/16"	10	L	M16x1.5	**88203161005**
3/8"	10	L	M16x1.5	**88203161006**
3/8"	12	L	M18x1.5	**88203181206**
1/2"	15	L	M22x1.5	**88203221508**
1/2"	18	L	M26x1.5	**88203261808**
5/8"	18	L	M26x1.5	**88203261810**
3/4"	22	L	M30x2	**88203302212**
1"	28	L	M36x2	**88203362816**
1"1/4	35	L	M45x2	**88203453520**
1"1/2	42	L	M52x2	**88203524224**
1/4"	8	S	M16x1.5	**88203160804**
1/4"	10	S	M18x1.5	**88203181004**
3/8"	12	S	M20x1.5	**88203201206**
1/2"	16	S	M24x1.5	**88203241608**
5/8"	20	S	M30x2	**88203302010**
3/4"	20	S	M30x2	**88203302012**
3/4"	25	S	M36x2	**88203362512**
1"	25	S	M36x2	**88203362516**
1"	30	S	M42x2	**88203423016**
1"1/4	38	S	M52x2	**88203523820**

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

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

Hembras gir 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°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	6	L	M12x1,5	**88305120604**
1/4"	8	L	M14x1,5	**88305140804**
1/4"	10	L	M16x1,5	**88305161004**
5/16"	10	L	M16x1,5	**88305161005**
3/8"	10	L	M16x1,5	**88305161006**
1/4"	12	L	M18x1,5	**88305181204**
3/8"	12	L	M18x1,5	**88305181206**
1/2"	15	L	M22x1,5	**88305221508**
5/8"	18	L	M26x1,5	**88305261810**
3/4"	22	L	M30x2	**88305302212**
1"	28	L	M36x2	**88305362816**
1"1/4	35	L	M45x2	**88305453520**
1"1/2	42	L	M52x2	**88305524224**
1/4"	8	S	M16x1,5	**88305160804**
1/4"	10	S	M18x1,5	**88305181004**
1/4"	12	S	M20x1,5	**88305201204**
5/16"	12	S	M20x1,5	**88305201205**
3/8"	12	S	M20x1,5	**88305201206**
1/2"	16	S	M24x1,5	**88305241608**
5/8"	20	S	M30x2	**88305302010**
3/4"	20	S	M30x2	**88305302012**
3/4"	25	S	M36x2	**88305362512**
1"	25	S	M36x2	**88305362516**
1"	30	S	M42x2	**88305423016**
1"1/4	38	S	M52x2	**88305523820**

Hembras gir 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°



DN	TUBO PIPE	SERIE	ROSCA THREAD	Referencia Part n°
1/4"	6	L	M12x1,5	**88306120604**
1/4"	8	L	M14x1,5	**88306140804**
1/4"	10	L	M16x1,5	**88306161004**
5/16"	10	L	M16x1,5	**88306161005**
3/8"	10	L	M16x1,5	**88306161006**
3/8"	12	L	M18x1,5	**88306181206**
3/8"	15	L	M22x1,5 NEW	**88306221506**
1/2"	15	L	M22x1,5	**88306221508**
1/2"	18	L	M26x1,5	**88306261808**
5/8"	18	L	M26x1,5	**88306261810**
3/4"	22	L	M30x2	**88306302212**
1"	28	L	M36x2	**88306362816**
1"1/4	35	L	M45x2	**88306453520**
1"1/2	42	L	M52x2	**88306524224**
1/4"	8	S	M16x1,5	**88306160804**
1/4"	10	S	M18x1,5	**88306181004**
1/4"	12	S	M20x1,5	**88306201204**
3/8"	10	S	M18x1,5	**88306181006**
3/8"	12	S	M20x1,5	**88306201206**
3/8"	14	S	M22x1,5	**88306221406**
1/2"	16	S	M24x1,5	**88306241608**
5/8"	20	S	M30x2	**88306302010**
3/4"	20	S	M30x2	**88306302012**
3/4"	25	S	M36x2	**88306362512**
1"	25	S	M36x2	**88306362516**
1"	30	S	M42x2	**88306423016**
1"1/4	38	S	M52x2	**88306523820**

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

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

Hembras giratorias rectas una sola pieza rosca BSP (60°) doble hex

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonal

Femmina diritta compatta BSP sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**884000404**
5/16"	3/8" BSP	**884000605**
3/8"	3/8" BSP	**884000606**
1/2"	1/2" BSP	**884000808**
3/4"	3/4" BSP	**884001212**
1"	1" BSP	**884001616**
1"1/4	1"1/4 BSP	**884002020**
1"1/2	1"1/2 BSP	**884002424**
2"	2" BSP	**884003232**

Hembras giratorias rectas una sola pieza rosca BS

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"	1/4" BSP	**881000404**
1/4"	3/8" BSP	**881000604**
5/16"	3/8" BSP	**881000605**
3/8"	3/8" BSP	**881000606**
1/2"	3/8" BSP	**881000608**
3/8"	1/2" BSP	**881000806**
1/2"	1/2" BSP	**881000808**
5/8"	1/2" BSP	**881000810**
5/8"	5/8" BSP	**881001010**
1/2"	3/4" BSP	**881001208**
5/8"	3/4" BSP	**881001210**
3/4"	3/4" BSP	**881001212**
3/4"	1" BSP	**881001612**
1"	1" BSP	**881001616**
1"1/4	1"1/4 BSP	**881002020**
1"1/2	1"1/2 BSP	**881002424**
2"	2" BSP	**881003232**

Hembras giratorias rectas compactas rosca BSP as

One piece BSP female flat seat

Femelle pré-sertie BSP fond plat

Femmina diritta compatta BSP sede piana



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**882000404**
3/8"	3/8" BSP	**882000606**
1/2"	1/2" BSP	**882000808**
3/4"	3/4" BSP	**882001212**
1"	1" BSP	**882001616**

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"	1/4" BSP	**881070404**
1/4"	3/8" BSP	**881070604**
3/8"	3/8" BSP	**881070606**
1/2"	3/8" BSP	**881070608**
3/8"	1/2" BSP	**881070806**
1/2"	1/2" BSP	**881070808**
5/8"	5/8" BSP	**881071010**
5/8"	3/4" BSP	**881071210**
3/4"	3/4" BSP	**881071212**
3/4"	1" BSP	**881071612**
1"	1" BSP	**881071616**
1"1/4	1"1/4 BSP	**881072020**
1"1/2	1"1/2 BSP	**881072424**
2"	2" BSP	**881073232**

Hembras giratorias 45° una sola pieza rosca BSP cono

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

Coude 45° femelle pré-sertie BSP cône 60°

Femmina 45° compatta BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**881080404**
3/8"	3/8" BSP	**881080606**
3/8"	1/2" BSP	**881080806**
1/2"	1/2" BSP	**881080808**
3/4"	3/4" BSP	**881081212**
1"	1" BSP	**881081616**
1"1/4	1"1/4 BSP	**881082020**
1"1/2	1"1/2 BSP	**881082424**
2"	2" BSP	**881083232**

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"	1/4" BSP		**881120404**
3/8"	3/8" BSP		**881120606**
3/8"	1/2" BSP		**881120806**
1/2"	1/2" BSP		**881120808**
5/8"	3/4" BSP	NEW	**881121210**
3/4"	3/4" BSP		**881121212**
3/4"	1" BSP		**881121612**
1"	1" BSP		**881121616**
1"1/4	1"1/4 BSP		**881122020**
1"1/2	1"1/2 BSP		**881122424**
2"	2" BSP		**881123232**

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 Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH senza spellatura

R13 & R15 Ø 3/4" - 1"

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	Z582420906
1/2"	3/4" 16h UNF	Z582421208
1/2"	7/8" 14h UNF	Z582421408
5/8"	7/8" 14h UNF	Z582421410
3/4"	1"1/16 12h UN	Z582421712
1"	1"1/16 12h UN	Z582421716
1"	1"5/16 12h UN	Z582422116
1"1/4	1"5/8 12h UN	Z582422620
1"1/2	1"7/8 12 UN	Z582423024
2"	2"1/2 12h UN	Z582424032

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	Z581380906
1/2"	3/4" 16h UNF	Z581381208
5/8"	7/8" 14h UNF	Z581381410
3/4"	1"1/16 12h UN	Z581381712
1"	1"5/16 12h UN	Z581382116
1"1/4	1"5/8 12h UN	Z581382620
1"1/2	1"7/8 12 UN	Z581383024
2"	2"1/2 12h UN	Z581384032

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	Z581400906
1/2"	3/4" 16h UNF	Z581401208
5/8"	7/8" 14h UNF	Z581401410
3/4"	1"1/16 12h UN	Z581401712
1"	1"5/16 12h UN	Z581402116
1"1/4	1"5/8 12h UN	Z581402620
1"1/2	1"7/8 12 UN	Z581403024
2"	2"1/2 12h UN	Z581404032

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	Z581420906
1/2"	3/4" 16h UNF	Z581421208
5/8"	7/8" 14h UNF	Z581421410
3/4"	1"1/16 12h UN	Z581421712
1"	1"5/16 12h UN	Z581422116
1"	1"5/8 12h UN	Z581422616
1"1/4	1"5/8 12h UN	Z581422620
1"1/2	1"7/8 12 UN	Z581423024
2"	2"1/2 12h UN	Z581424032

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	Z581390906
1/2"	3/4" 16h UNF	Z581391208
5/8"	7/8" 14h UNF	Z581391410
3/4"	1"1/16 12h UN	Z581391712
1"	1"5/16 12h UN	Z581392116
1"1/4	1"5/8 12h UN	Z581392620
1"1/2	1"7/8 12 UN	Z581393024
2"	2"1/2 12h UN	Z581394032

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 Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH senza spellatura

R13 & R15 Ø 3/4" - 1"

Hembras giratorias rectas una sola pieza ORFS doble hexagonal

One piece double hexagonal ORFS Swivel female

Femelle pré-sertie ORFS double hexagonal

Femmina diritta compatta ORFS doppio esagono



DN	ROSCA THREAD	Referencia Part n°
3/8"	11/16" 16h UN	**Z589001106**
1/2"	13/16" 16h UN	**Z589001308**
5/8"	1" 14h UNS	**Z589001610**
3/4"	1"3/16 12h UN	**Z589001912**
1"	1"7/16 12h UN	**Z589002316**
1"1/4	1"11/16 12h UN	**Z589002720**
1"1/2	2" 12h UN	**Z589003224**

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	**Z589121106**
1/2"	13/16" 16h UN	**Z589121308**
5/8"	1" 14h UNS	**Z589121610**
3/4"	1"3/16 12h UN	**Z589121912**
1"	1"7/16 12h UN	**Z589122316**
1"1/4	1"11/16 12h UN	**Z589122720**
1"1/2	2" 12h UN	**Z589123224**

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 UN	**Z589071106**
1/2"	13/16" 16h UN	**Z589071308**
5/8"	1" 14h UNS	**Z589071610**
3/4"	1"3/16 12h UN	**Z589071912**
1"	1"7/16 12h UN	**Z589072316**
1"1/4	1"11/16 12h UN	**Z589072720**
1"1/2	2" 12h UN	**Z589073224**

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 UN	**Z589081106**
1/2"	13/16" 16h UN	**Z589081308**
5/8"	1" 14h UNS	**Z589081610**
3/4"	1"3/16 12h UN	**Z589081912**
1"	1"7/16 12h UN	**Z589082316**
1"1/4	1"11/16 12h UN	**Z589082720**
1"1/2	2" 12h UN	**Z589083224**

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 Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH senza spellatura

R13 & R15 Ø 3/4" - 1"

Hembras giratorias rectas una sola pieza NPSM (60°) doble hex

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



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" NPSM	**Z583610606**
1/2"	1/2" NPSM	**Z583610808**
3/4"	3/4" NPSM	**Z583611212**
1"	1" NPSM	**Z583611616**

Hembras giratorias 90° una sola pieza rosca NPSM co

One piece NPSM Swivel female 60° cone (90° Elbow)
Coude 90° femelle pré-sertie NPSM cône 60°
Femmina 90° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" NPSM	**Z582620606**
1/2"	1/2" NPSM	**Z582620808**
3/4"	3/4" NPSM	**Z582621212**
1"	1" NPSM	**Z582621616**

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	**Z581610606**
1/2"	1/2" NPT	**Z581610808**
3/4"	3/4" NPT	**Z581611212**
1"	1" NPT	**Z581611616**
1"1/4	1"1/4 NPT	**Z581612020**
1"1/2	1"1/2 NPT	**Z581612424**
2"	2" NPT	**Z581613232**

Hembras giratorias rectas una sola pieza 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" NPSM	**Z582610606**
1/2"	1/2" NPSM	**Z582610808**
3/4"	3/4" NPSM	**Z582611212**
1"	1" NPSM	**Z582611616**
1"1/4	1"1/4 NPSM	**Z582612020**
1"1/2	1"1/2 NPSM	**Z582612424**
2"	2" NPSM	**Z582613232**

Hembras giratorias 45° una sola pieza rosca NPSM co

One piece NPSM Swivel female 60° cone (45° Elbow)
Coude 45° femelle pré-sertie NPSM cône 60°
Femmina 45° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" NPSM	**Z582630606**
1/2"	1/2" NPSM	**Z582630808**
3/4"	3/4" NPSM	**Z582631212**
1"	1" NPSM	**Z582631616**

Machos giratorios una sola pieza rosca cónica NPT

One piece NPT swivel male
Mâle tournant pré-serti NPT
Maschio girevole compatto conico NPT



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" NPT	**Z581650606**
1/2"	1/2" NPT	**Z581650808**
3/4"	3/4" NPT	**Z581651212**
1"	1" NPT	**Z581651616**

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 Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH 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	**Z581820808**
5/8"	38.1	**Z581821210**
3/4"	38.1	**Z581821212**
1"	38.1	**Z581821612**
1"	44.5	**Z581821616**
1"1/4	50.8	**Z581822020**
1"1/2	60.3	**Z581822424**
2"	71.4	**Z581823232**

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	**Z581830808**
5/8"	38.1	**Z581831210**
3/4"	38.1	**Z581831212**
3/4"	44.5 NEW	**Z581831612**
1"	44.5	**Z581831616**
1"1/4	50.8	**Z581832020**
1"1/4	60.3	**Z581832420**
1"1/2	60.3	**Z581832424**
2"	71.4	**Z581833232**

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	**Z581840808**
5/8"	38.1	**Z581841210**
3/4"	38.1	**Z581841212**
1"	44.5	**Z581841616**
1"1/4	50.8	**Z581842020**
1"1/2	60.3	**Z581842424**
2"	71.4	**Z581843232**

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	**Z582820808**
5/8"	41.3	**Z582821210**
3/4"	41.3	**Z582821212**
1"	47.6	**Z582821616**
1"	54.0 NEW	**Z582822016**
1"1/4	54.0	**Z582822020**
1"1/2	63.5	**Z582822424**
2"	79.4	**Z582823232**

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	**Z582830808**
5/8"	41.3	**Z582831210**
3/4"	41.3	**Z582831212**
1"	41.3 NEW	**Z582831612**
1"	47.6	**Z582831616**
1"1/4	47.6 NEW	**Z582832016**
1"1/4	54.0	**Z582832020**
1"1/4	63.5	**Z582832420**
1"1/2	63.5	**Z582832424**
2"	79.4	**Z582833232**

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	**Z582840808**
5/8"	41.3	**Z582841210**
3/4"	41.3	**Z582841212**
1"	47.6	**Z582841616**
1"1/4	54.0	**Z582842020**
1"1/2	63.5	**Z582842424**
2"	79.4	**Z582843232**

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 Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH senza spellatura

R13 & R15 Ø 3/4" - 1"

Hembras gir 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°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD		Referencia Part n°
3/8"	10	L	M16x1.5		**Z58804161006**
3/8"	12	L	M18x1.5		**Z58804181206**
3/8"	15	L	M22x1.5		**Z58804221506**
1/2"	15	L	M22x1.5		**Z58804221508**
1/2"	18	L	M26x1.5		**Z58804261808**
3/4"	18	L	M26x1.5		**Z58804261812**
5/8"	18	L	M26x1.5		**Z58804261810**
3/4"	22	L	M30x2		**Z58804302212**
1"	28	L	M36x2		**Z58804362816**
1"1/4	35	L	M45x2		**Z58804453520**
1"1/2	42	L	M52x2		**Z58804524224**
3/8"	12	S	M20x1.5		**Z58804201206**
1/2"	16	S	M24x1.5		**Z58804241608**
5/8"	20	S	M30x2		**Z58804302010**
3/4"	20	S	M30x2		**Z58804302012**
5/8"	25	S	M36x2	NEW	**Z58804362510**
3/4"	25	S	M36x2		**Z58804362512**
1"	25	S	M36x2	NEW	**Z58804362516**
1"	30	S	M42x2		**Z58804423016**
1"1/4	38	S	M45x2		**Z58804523820**

Hembras gir 90° una sola pieza Métricas cono 24° - DKO

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

Coude 90° femelle pré-sertie Métrique cône 24°

Femmina 90° compatta Metrica sede 24°



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES		Referencia Part n°
3/8"	10	M16x1.5	L		**Z58305161006**
3/8"	12	M18x1.5	L		**Z58305181206**
1/2"	15	M22x1.5	L		**Z58305221508**
5/8"	18	M26x1.5	L		**Z58305261810**
3/4"	22	M30x2	L		**Z58305302212**
1"	28	M36x2	L		**Z58305362816**
1"1/4	35	M45x2	L		**Z58305453520**
1"1/2	42	M52x2	L		**Z58305524224**
3/8"	12	M20x1.5	S		**Z58305201206**
1/2"	16	M24x1.5	S		**Z58305241608**
5/8"	20	M30x2	S		**Z58305302010**
3/4"	20	M30x2	S		**Z58305302012**
3/4"	25	M36x2	S		**Z58305362512**
1"	25	M36x2	S	NEW	**Z58305362516**
1"	30	M42x2	S		**Z58305423016**
1"1/4	38	M52x2	S		**Z58305523820**

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	ROSCA THREAD	Referencia Part n°
3/8"	10	L	M16x1.5	**Z58203161006**
3/8"	12	L	M18x1.5	**Z58203181206**
3/8"	15	L	M22x1.5	**Z58203221506**
1/2"	15	L	M22x1.5	**Z58203221508**
1/2"	18	L	M26x1.5	**Z58203261808**
5/8"	18	L	M26x1.5	**Z58203261810**
3/4"	22	L	M30x2	**Z58203302212**
1"	28	L	M36x2	**Z58203362816**
1"1/4	35	L	M45x2	**Z58203453520**
1"1/2	42	L	M52x2	**Z58203524224**
3/8"	12	S	M20x1.5	**Z58203201206**
1/2"	16	S	M24x1.5	**Z58203241608**
5/8"	20	S	M30x2	**Z58203302010**
3/4"	20	S	M30x2	**Z58203302012**
3/4"	25	S	M36x2	**Z58203362512**
1"	30	S	M42x2	**Z58203423016**
1"1/4	38	S	M45x2	**Z58203523820**

Hembras gir 45° una sola pieza Métricas cono 24° - DKO

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

Coude 45° femelle pré-sertie Métrique cône 24°

Femmina 45° compatta Metrica sede 24°



DN	TUBO PIPE	SERIE	ROSCA THREAD		Referencia Part n°
3/8"	10	L	M16x1.5		**Z58306161006**
3/8"	12	L	M18x1.5		**Z58306181206**
1/2"	15	L	M22x1.5		**Z58306221508**
5/8"	18	L	M26x1.5		**Z58306261810**
3/4"	22	L	M30x2		**Z58306302212**
1"	28	L	M36x2		**Z58306362816**
1"1/4	35	L	M45x2		**Z58306453520**
1"1/2	42	L	M52x2		**Z58306524224**
3/8"	12	S	M20x1.5		**Z58306201206**
1/2"	16	S	M24x1.5		**Z58306241608**
5/8"	20	S	M30x2		**Z58306302010**
3/4"	20	S	M30x2		**Z58306302012**
3/4"	25	S	M36x2		**Z58306362512**
1"	25	S	M36x2	NEW	**Z58306362516**
1"	30	S	M42x2		**Z58306423016**
1"1/4	38	S	M52x2		**Z58306523820**

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 Série BWS 3SP/4SP/R12/4SH Sans dénuder
Raccordi Compatti Serie BWS 3SP/4SP/R12/4SH senza spellatura

R13 & R15 Ø 3/4" - 1"

Hembras giratoias rectas una sola pieza BSP (60°) doble hex

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonal

Femmina diritta compatta BSP sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	**Z584000606**
1/2"	1/2" BSP	**Z584000808**
3/4"	3/4" BSP	**Z584001212**
1"	1" BSP	**Z584001616**
1"1/4	1"1/4 BSP	**Z584002020**
1"1/2	1"1/2 BSP	**Z584002424**
2"	2" BSP	**Z584003232**

Hembras giratorias rectas una sola pieza 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	**Z582000606**
1/2"	1/2" BSP	**Z582000808**
3/4"	3/4" BSP	**Z582001212**
1"	1" BSP	**Z582001616**
1"1/4	1"1/4 BSP	**Z582002020**
1"1/2	1"1/2 BSP	**Z582002424**
2"	2" BSP	**Z582003232**

Hembras giratorias 90° una sola pieza BSP C/J con

One piece BSP female cone 60° w/o´ring (90° Elbow)

Coude 90° femelle pré-sertie BSP cône 60° avec joint

Femmina 90° compatta BSP sede 60°con o´ring



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	**Z581170606**
1/2"	1/2" BSP	**Z581170808**
3/4"	3/4" BSP	**Z581171212**
1"	1" BSP	**Z581171616**
1"1/4	1"1/4 BSP	**Z581172020**
1"1/2	1"1/2 BSP	**Z581172424**
2"	2" BSP	**Z581173232**

Hembras giratorias 45° una sola pieza BSP C/J cono 6

One piece BSP female cone 60° w/o´ring (45° Elbow)

Coude 45° femelle pré-sertie BSP cône 60° avec joint

Femmina 45° compatta BSP sede 60°con o´ring



DN	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	**Z581180606**
1/2"	1/2" BSP	**Z581180808**
3/4"	3/4" BSP	**Z581181212**
1"	1" BSP	**Z581181616**
1"1/4	1"1/4 BSP	**Z581182020**
1"1/2	1"1/2 BSP	**Z581182424**
2"	2" BSP	**Z581183232**

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	**Z581120606**
1/2"	1/2" BSP	**Z581120808**
5/8"	5/8" BSP	**Z581121010**
3/4"	3/4" BSP	**Z581121212**
1"	1" BSP	**Z581121616**
1"1/4	1" BSP	**Z581122016**
1"1/4	1"1/4 BSP	**Z581122020**
1"1/2	1"1/2 BSP	**Z581122424**
2"	2" BSP	**Z581123232**

Hembras giratorias rectas una sola pieza BSP C/J cono

One piece BSP female 60° cone 60° w/o´ring

Femelle pré-sertie BSP cône 60° avec joint

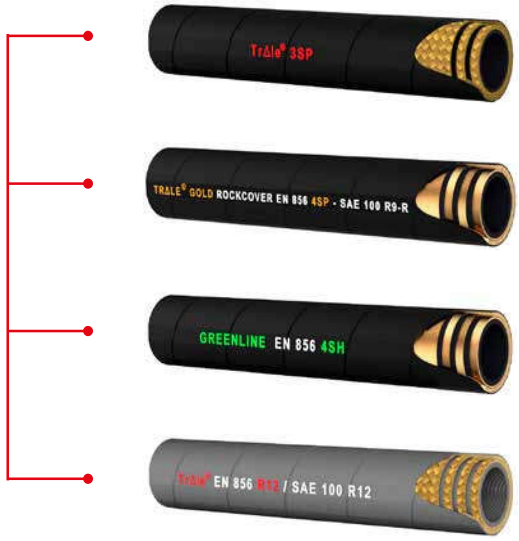
Femmina diritta compatta BSP sede 60°con o´ring



DN MANGUERA DN HOSE	ROSCA THREAD	Referencia Part n°
3/8"	3/8" BSP	**Z581100606**
1/2"	1/2" BSP	**Z581100808**
3/4"	3/4" BSP	**Z581101212**
1"	1" BSP	**Z581101616**
1"1/4	1"1/4 BSP	**Z581102020**
1"1/2	1"1/2 BSP	**Z581102424**
2"	2" BSP	**Z581103232**

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

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 compatta JIC 37° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12 UN	**Z692422620**
1"1/2	1"7/8 12 UN	**Z692423024**
2"	2" 1/2 12 UN	**Z692424032**

Hembras giratorias 90° una sola pieza rosca JIC 37°

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

Coude 90° femelle pré-sertie JIC 37°

Femmina compatta 90° JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12 UN	**Z691382620**
1"1/2	1"7/8 12 UN	**Z691383024**
2"	2" 1/2 12 UN	**Z691384032**

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 UN	**Z691412620**
1"1/2	1"7/8 12 UN	**Z691413024**
2"	2" 1/2 12 UN	**Z691414032**

Hembras giratorias 45° una sola pieza rosca JIC 37°

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

Coude 45° femelle pré-sertie JIC 37°

Femmina compatta 45° JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"5/8 12 UN	**Z691392620**
1"1/2	1"7/8 12 UN	**Z691393024**
2"	2" 1/2 12 UN	**Z691394032**

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 UN	**Z699012720**
1"1/2	2" 12 UN	**Z699013224**

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 UN	**Z699072720**
1" 1/2	2" 12 UN	**Z699073224**

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 UN	**Z699082720**
1"1/2	2" 12 UN	**Z699083224**

Machos una sola pieza ORFS

One piece ORFS Male

Mâle pré-serti ORFS

Maschio compatto ORFS



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"11/16 12 UN	**Z699122720**
1"1/2	2" 12 UN	**Z699123224**

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

Hembras gir rectas una sola pieza rosca NPSM (60°) doble hex

One piece double hexagonal NPSM female 60° cone

Femelle pré-sertie NPSM cône 60° double hexagonal

Femmina diritta compatta NPSM sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 - 11 1/2 h NPSM	**Z693612020**
1"1/2	1"1/2 - 11 1/2 h NPSM	**Z693612424**
2"	2" - 11 1/2 h NPSM	**Z693613232**

Machos una sola pieza rosca cónica NPT

One piece NPT Male pipe straight

Mâle pré-serti conique NPT

Maschio compatto conico NPT



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 - 11 1/2 h NPSM	**Z691612020**
1"1/2	1"1/2 - 11 1/2 h NPSM	**Z691612424**
2"	2" - 11 1/2 h NPSM	**Z691613232**

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	**Z692822020**
1"1/2	1"1/2	**Z692822424**
2"	2"	**Z692823232**

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	**Z692832020**
1"1/2	1"1/2	**Z692832424**
2"	2"	**Z692833232**

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	**Z692842020**
1"1/2	1"1/2	**Z692842424**
2"	2"	**Z692843232**

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

Hembras giratorias una pieza BSP 60° doble hex c/j tca eng. NEW

One piece double hexagonal BSP Swivel female cone 60° with o´ring wire nut
Femelle BSP pré-sertie cône 60° double hexagonal with o'ring écrou à douille
Femmina diritta compatta BSP sede 60° doppio esagono con guarnizione dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	**Z695102020**
1"1/2	1"1/2 BSP	**Z695102424**
2"	2" BSP	**Z695103232**

Hembras giratorias 90° una sola pieza BSP 60° c/j tca eng. NEW

One piece BSP Swivel female 60° cone with o'ring (90° Elbow) wire nut
Coude 90° femelle pré-sertie BSP 60° avec o'ring écrou à douille
Femmina 90° compatta BSP sede 60° con o'ring dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	**Z695172020**
1"1/2	1"1/2 BSP	**Z695172424**
2"	2" BSP	**Z695173232**

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	**Z691122020**
1"1/2	1"1/2 BSP	**Z691122424**
2"	2" BSP	**Z691123232**

Hembras giratorias 45° una sola pieza BSP 60° c/j tc

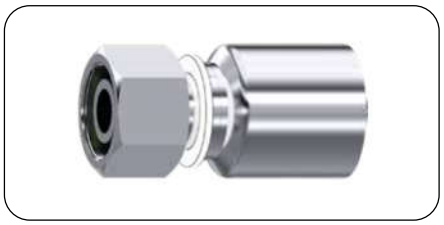
One piece BSP Swivel female 60° cone with o'ring (45° Elbow) wire nut
Coude 45° femelle pré-sertie BSP 60° avec o'ring écrou à douille
Femmina 45° compatta BSP sede 60° con o'ring dado spinato



DN	ROSCA THREAD	Referencia Part n°
1"1/4	1"1/4 BSP	**Z695182020**
1"1/2	1"1/2 BSP	**Z695182424**
2"	2" BSP	**Z695183232**

BAJO CONSULTA UNDER REQUEST — BW+ MÉTRICAS / METRIC BW+

- Hembras giratorias rectas una sola pieza rosca Métrica cono 24° con junta tórica
  One piece Metric swivel female 24° seat with o'ring



Ref: Z69204

- Hembras giratorias 90° una sola pieza Métricas cono 24° con junta tórica
  One piece Metric swivel female 24° seat with o'ring



Ref: Z69205

- Macho una sola pieza Métricos cono 24°
  One piece Metric male stud 24° cone



Ref: Z69203

- Hembras giratorias 45° una sola pieza Métricas cono 24° con junta tórica
  One piece Metric swivel female 24° seat with o'ring



Ref: Z69206

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica

One piece fittings R7/R8 & Elastomer Braid of steel wire
Embouts pré-sertis R7/R8 et Elastomère tresse métallique
Raccordi compatti serie R7/R8 e elastomero treccia metallica

Hembras giratorias rectas una sola pieza rosca JIC 37° doble hex

One piece double hexagonal JIC 37° female

Femelle pré-sertie JIC 37° double hexagonal

Femmina diritta compatta JIC 37° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**872420703**
1/4"	7/16" 20h UNF	**872420704**
5/16"	7/16" 20h UNF	**872420705**
1/4"	9/16" 18h UNF	**872420904**
5/16"	9/16" 18h UNF	**872420905**
3/8"	9/16" 18h UNF	**872420906**
1/2"	3/4" 16h UNF	**872421208**
1/2"	7/8" 14h UNF	**872421408**
5/8"	1"1/16 12h UN	**872421710**
3/4"	1"1/16 12h UN	**872421712**
1"	1"5/16 12h UN	**872422116**

Hembras giratorias 90° una sola pieza rosca JIC 37°

One piece JIC 37° female (90° Elbow)

90° Femelle pré-sertie JIC 37°

Femmina 90° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**871380703**
1/4"	7/16" 20h UNF	**871380704**
1/4"	9/16" 18h UNF	**871380904**
3/8"	9/16" 18h UNF	**871380906**
1/2"	3/4" 16h UNF	**871381208**
1/2"	7/8" 14 UNF NEW	**871381408**
3/4"	1"1/16 12h UN	**871381712**
1"	1"5/16 12h UN	**871382116**

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°
3/16"	7/16" 20h UNF NEW	**871400703**
1/4"	7/16" 20h UNF	**871400704**
3/8"	9/16" 18h UNF	**871400906**
1/2"	3/4" 16h UNF	**871401208**
3/4"	1"1/16 12h UN	**871401712**
1"	1"5/16 12h UN	**871402116**

Hembras giratorias rectas una sola pieza rosca JIC 37°

One piece JIC 37° female

Femelle pré-sertie JIC 37°

Femmina diritta compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**871420703**
1/4"	7/16" 20h UNF	**871420704**
1/4"	9/16" 18h UNF	**871420904**
5/16"	9/16" 18h UNF	**871420905**
3/8"	9/16" 18h UNF	**871420906**
1/2"	3/4" 16h UNF	**871421208**
1/2"	7/8" 14h UNF	**871421408**
3/4"	1"1/16 12h UN	**871421712**
1"	1"5/16 12h UN	**871422116**

Hembras giratorias 45° una sola pieza rosca JIC 37°

One piece JIC 37° female (45° Elbow)

45° Femelle pré-sertie JIC 37°

Femmina 45° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**871390704**
3/8"	9/16" 18h UNF	**871390906**
1/2"	3/4" 16h UNF	**871391208**
3/4"	1"1/16 12h UN	**871391712**
1"	1"5/16 12h UN	**871392116**

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica

One piece fittings R7/R8 & Elastomer Braid of steel wire
Embouts pré-sertis R7/R8 et Elastomère tresse métallique
Raccordi compatti serie R7/R8 e elastomero treccia metallica

Hembras giratorias rectas una sola pieza rosca ORFS doble hex

One piece double hexagonal ORFS female

Femelle pré-sertie ORFS double hexagonal

Femmina diritta compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**879000904**
3/8"	11/16"-16h	**879001106**
3/8"	13/16"-16h	**879001306**
1/2"	13/16"-16h	**879001308**
3/4"	1"3/16-12h	**879001912**
1"	1"7/16-12h	**879002316**

Hembras giratorias 90° una sola pieza rosca ORFS

One piece ORFS female (90° Elbow)

90° Femelle pré-sertie ORFS

Femmina 90° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**879070904**
3/8"	11/16"-16h	**879071106**
1/2"	13/16"-16h	**879071308**
3/4"	1"3/16-12h	**879071912**
1"	1"7/16-12h	**879072316**

Machos compactos rosca ORFS

One piece ORFS male

Mâle pré-serti ORFS

Maschio compatto ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**879120904**
3/8"	11/16"-16h	**879121106**
1/2"	13/16"-16h	**879121308**
3/4"	1"3/16-12h	**879121912**
1"	1"7/16-12h	**879122316**

Hembras giratorias 45° una sola pieza rosca ORFS

One piece ORFS female (45° Elbow)

45° Femelle pré-sertie ORFS

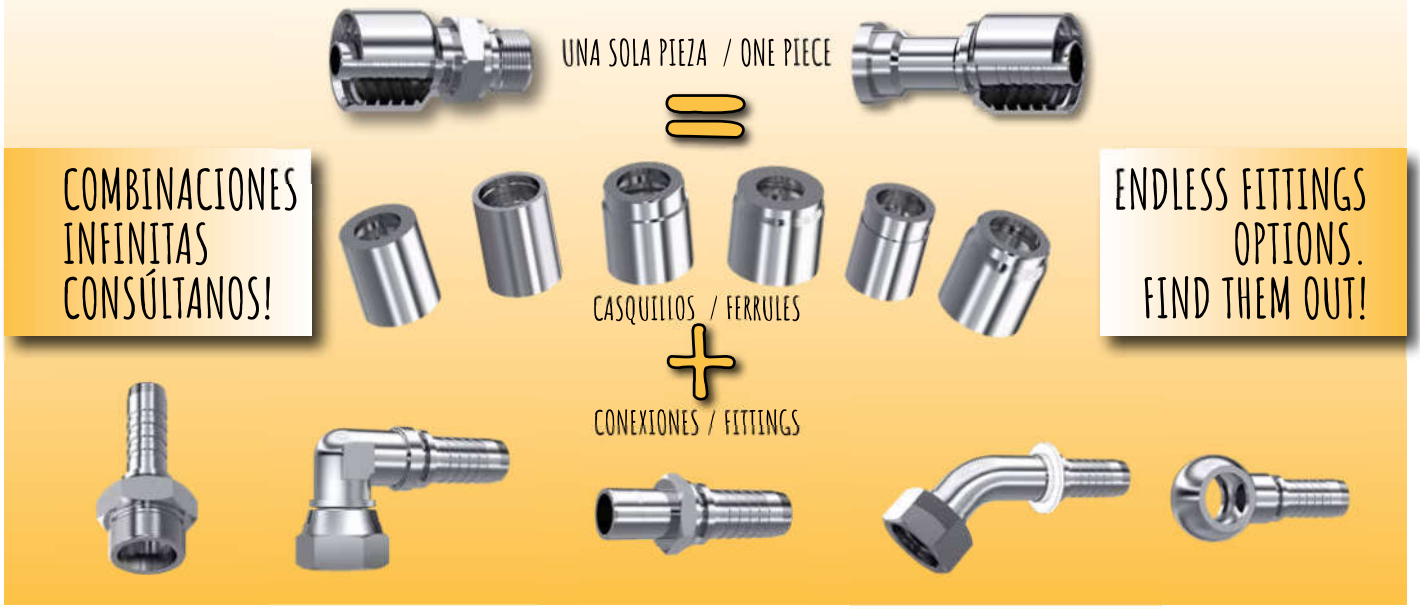
Femmina 45° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**879080904**
3/8"	11/16"-16h	**879081106**
1/2"	13/16"-16h	**879081308**
3/4"	1"3/16-12h	**879081912**
1"	1"7/16-12h	**879082316**

Configura tus propias conexiones en Una sola pieza (43/R7/R8/PTFE/BWS). Consúltanos

Configure your own One piece series fittings (43/R7/R8/PTFE/BWS). Consult us.



Conexiones una sola pieza R7/ R8/ Elastómero malla metálica

One piece fittings R7/R8 & Elastomer Braid of steel wire
Embouts pré-sertis R7/R8 et Elastomère tresse métallique
Raccordi compatti serie R7/R8 e elastomero treccia metallica

Hembras giratorias rectas una sola pieza NPSM (60°) doble hex

One piece double hexagonal NPSM female 60° cone

Femelle pré-sertie NPSM cône 60° double hexagonal

Femmina diritta compatta NPSM sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPSM	**873610404**
3/8"	3/8" 18h NPSM	**873610606**
1/2"	1/2" 14h NPSM	**873610808**
3/4"	3/4" NPSM	**873611212**
1"	1" - 11 1/2 h NPSM	**873611616**

Hembras giratorias rectas una sola pieza 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	**872610404**
3/8"	3/8" 18h NPSM	**872610606**
1/2"	1/2" 14h NPSM	**872610808**
3/4"	3/4" 14h NPSM	**872611212**
1"	1" - 11 1/2 h NPSM	**872611616**

Hembras giratorias 90° una sola pieza NPSM cono 60

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

90° Femelle pré-sertie NPSM cône 60°

Femmina 90° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**872620404**
3/8"	3/8" 18h NPSM	**872620606**
1/2"	1/2" 14h NPSM	**872620808**
3/4"	3/4" 14h NPSM	**872621212**
1"	1" - 11 1/2 h NPSM	**872621616**

Hembras giratorias 45° una sola pieza NPSM cono 60

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

45° Femelle pré-sertie NPSM cône 60°

Femmina 45° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**872630404**
3/8"	3/8" 18h NPSM	**872630606**
1/2"	1/2" 14h NPSM	**872630808**
3/4"	3/4" 14h NPSM	**872631212**
1"	1" - 11 1/2 h NPSM	**872631616**

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°
1/4"	1/8" NPT	NEW	**871610204**
3/16"	1/4" NPT		**871610403**
1/4"	1/4" NPT		**871610404**
3/8"	1/4" NPT		**871610406**
1/4"	3/8" NPT		**871610604**
3/8"	3/8" NPT		**871610606**
1/2"	1/2" NPT		**871610808**
3/4"	1/2" NPT	NEW	**871610812**
3/4"	3/4" NPT		**871611212**
1"	1" NPT		**871611616**

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica

One piece fittings R7/R8 & Elastomer Braid of steel wire
Embouts pré-sertis R7/R8 et Elastomère tresse métallique
Raccordi compatti serie R7/R8 e elastomero treccia metallica

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

One piece Metric female 24° cone

Femelle pré-sertie Métrique cône 24°

Femmina diritta compatta Metrica sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
3/16"	6	L	M12x1.5	**87804120603**
1/4"	6	L	M12x1.5	**87804120604**
1/4"	8	L	M14x1.5	**87804140804**
3/8"	10	L	M16x1.5	**87804161006**
3/8"	12	L	M18x1.5	**87804181206**
1/2"	15	L	M22x1.5	**87804221508**
3/4"	22	L	M30x2	**87804302212**
1"	28	L	M36x2	**87804362816**
1/4"	8	S	M16x1.5	**87804160804**
1/4"	10	S	M18x1.5	**87804181004**
3/8"	12	S	M20x1.5	**87804201206**
1/2"	16	S	M24x1.5	**87804241608**
3/4"	20	S	M30x2	**87804302012**
3/4"	25	S	M36x2	**87804362512**
1"	30	S	M42x2	**87804423016**

Hembras gir 90° una sola pieza Métricas cono 24° - DK

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

90° Femelle pré-sertie Métrique cône 24°

Femmina 90° compatta Metrica sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**87305140804**
3/8"	10	L	M16x1.5	**87305161006**
3/8"	12	L	M18x1.5	**87305181206**
1/2"	15	L	M22x1.5	**87305221508**
3/4"	22	L	M30x2	**87305302212**
1"	28	L	M36x2	**87305362816**
1/4"	8	S	M16x1.5	**87305160804**
1/4"	10	S	M18x1.5	**87305181004**
3/8"	12	S	M20x1.5	**87305201206**
1/2"	16	S	M24x1.5	**87305241608**
3/4"	25	S	M36x2	**87305362512**
1"	30	S	M42x2	**87305423016**

Machos una sola pieza rosca Métrica cono 24°

One piece Metric male 24° cone

Mâle pré-serti Métrique cône 24°

Maschio compatto Metrico sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**87203140804**
3/8"	12	L	M18x1.5	**87203181206**
1/2"	15	L	M22x1.5	**87203221508**
3/4"	22	L	M30x2	**87203302212**
1"	28	L	M36x2	**87203362816**
1/4"	8	S	M16x1.5	**87203160804**
1/4"	10	S	M18x1.5	**87203181004**
3/8"	12	S	M20x1.5	**87203201206**
1/2"	16	S	M24x1.5	**87203241608**
3/4"	25	S	M36x2	**87203362512**
1"	30	S	M42x2	**87203423016**

Hembras gir 45° una sola pieza Métricas cono 24° - DKO

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

45° Femelle pré-sertie Métrique cône 24°

Femmina 45° compatta Metrica sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**87306140804**
3/8"	10	L	M16x1.5	**87306161006**
3/8"	12	L	M18x1.5	**87306181206**
1/2"	15	L	M22x1.5	**87306221508**
3/4"	22	L	M30x2	**87306302212**
1"	28	L	M36x2	**87306362816**
1/4"	8	S	M16x1.5	**87306160804**
1/4"	10	S	M18x1.5	**87306181004**
3/8"	12	S	M20x1.5	**87306201206**
1/2"	16	S	M24x1.5	**87306241608**
3/4"	25	S	M36x2	**87306362512**
1"	30	S	M42x2	**87306423016**

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica

One piece fittings R7/R8 & Elastomer Braid of steel wire
Embouts pré-sertis R7/R8 et Elastomère tresse métallique
Raccordi compatti serie R7/R8 e elastomero treccia metallica

Hembras giratorias rectas una sola pieza BSP (60°) doble hex

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonal

Femmina diritta compatta BSP sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**874000404**
3/8"	3/8" BSP	**874000606**
1/2"	1/2" BSP	**874000808**
3/4"	3/4" BSP	**874001212**
1"	1" BSP	**874001616**

Hembras giratorias 90° una sola pieza rosca BSP co

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

90° Femelle pré-sertie BSP cône 60°

Femmina 90° compatta BSP sede 60°



DN	ROSCA THREAD		Referencia Part n°
3/16"	1/4" BSP	NEW	**871070403**
1/4"	1/4" BSP		**871070404**
1/4"	3/8" BSP		**871070604**
3/8"	3/8" BSP		**871070606**
1/2"	1/2" BSP		**871070808**
3/4"	3/4" BSP		**871071212**
1"	1" BSP		**871071616**

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"	1/4" BSP	**871120404**
3/8"	3/8" BSP	**871120606**
1/2"	1/2" BSP	**871120808**
3/4"	3/4" BSP	**871121212**
1"	1" BSP	**871121616**

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°
3/16"	1/4" BSP	**871000403**
1/4"	1/4" BSP	**871000404**
3/8"	3/8" BSP	**871000606**
1/2"	1/2" BSP	**871000808**
3/4"	3/4" BSP	**871001212**
1"	1" BSP	**871001616**

Hembras giratorias 45° una sola pieza rosca BSP cono

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

45° Femelle pré-sertie BSP cône 60°

Femmina 45° compatta BSP sede 60°



DN	ROSCA THREAD		Referencia Part n°
3/16"	1/4" BSP	NEW	**871080403**
1/4"	1/4" BSP		**871080404**
3/8"	3/8" BSP		**871080606**
1/2"	1/2" BSP		**871080808**
3/4"	3/4" BSP		**871081212**
1"	1" BSP		**871081616**

Conexiones una sola pieza PTFE Liso / R14

One piece fittings for Smooth PTFE/ R14
Embouts pré-sertis pour PTFE lisse/ R14
Raccordi compatti per PTFE liscio/ R14

Hembras gir rectas una sola pieza rosca JIC 37° doble hex

One piece JIC 37° double hexagonal female

Femelle pré-sertie JIC 37° double hexagonal

Femmina diritta JIC 37° doppio esagono



DN	ROSCA THREAD		Referencia Part n°
3/16"	7/16" 20h UNF		**862420703**
1/4"	7/16" 20h UNF		**862420704**
5/16"	7/16" 20h UNF	NEW	**862420705**
1/4"	1/2" 20h UNF		**862420804**
5/16"	1/2" 20h UNF		**862420805**
5/16"	9/16" 18h UNF		**862420905**
3/8"	9/16" 18h UNF		**862420906**
3/8"	3/4" 16h UNF		**862421206**
1/2"	3/4" 16h UNF		**862421208**
5/8"	3/4" 16h UNF		**862421210**
1/2"	3/4" 16h UNF		**862421408**
5/8"	3/4" 16h UNF		**862421410**
1/2"	1"1/16 12h UN		**862421708**
5/8"	1"1/16 12h UN		**862421710**
3/4"	1"1/16 12h UN		**862421712**
1"	1"1/16 12h UN		**862421716**
3/4"	1"5/16 12h UN		**862422112**
1"	1"5/16 12h UN		**862422116**

Hembras giratorias 90° una sola pieza rosca JIC 37°

One piece JIC 37° female (90° Elbow)

90° Femelle pré-sertie JIC 37°

Femmina 90° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20h UNF	**861380703**
1/4"	7/16" 20h UNF	**861380704**
5/16"	9/16" 18h UNF	**861380905**
3/8"	9/16" 18h UNF	**861380906**
1/2"	3/4" 16h UNF	**861381208**
1/2"	7/8" 14UNF	**861381408**
5/8"	7/8" 14UNF	**861381410**
3/4"	1"1/16 12h UN	**861381712**
1"	1"5/16 12h UN	**861382116**

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	**861400704**
3/8"	9/16" 18h UNF	**861400906**
1/2"	3/4" 16h UNF	**861401208**
5/8"	1"1/16 12h UN	**861401710**
3/4"	1"1/16 12h UN	**861401712**
1"	1"5/16 12h UN	**861402116**

Hembras giratorias rectas una sola pieza rosca 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	**861420704**
3/16"	7/16" 20h UNF	**861420703**
1/4"	1/2" 20h UNF	**861420804**
5/16"	1/2" 20h UNF	**861420805**
5/16"	9/16" 18h UNF	**861420905**
3/8"	9/16" 18h UNF	**861420906**
3/8"	3/4" 16h UNF	**861421206**
1/2"	3/4" 16h UNF	**861421208**
3/4"	1"1/16 12h UN	**861421712**
1"	1"5/16 12h UN	**861422116**

Hembras giratorias 45° una sola pieza rosca JIC 37°

One piece JIC 37° female (45° Elbow)

45° Femelle pré-sertie JIC 37°

Femmina 45° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**861390704**
5/16"	9/16" 18h UNF	**861390905**
3/8"	9/16" 18h UNF	**861390906**
1/2"	3/4" 16h UNF	**861391208**
1/2"	7/8" 14h UNF	**861391408**
5/8"	7/8" 14h UNF	**861391410**
3/4"	1"1/16 12h UN	**861391712**
1"	1"5/16 12h UN	**861392116**

Conexiones una sola pieza PTFE Liso / R14

One piece fittings for Smooth PTFE/ R14
Embouts pré-sertis pour PTFE lisse/ R14
Raccordi compatti per PTFE liscio/ R14

Hembras giratorias rectas una sola pieza rosca ORFS doble hex

One piece doble hexagonal ORFS female

Femelle pré-sertie ORFS double hexagonal

Femmina diritta compatta ORFS



DN	ROSCA THREAD		Referencia Part nº
1/4"	9/16"-18h		**869000904**
5/16"	11/16"-16h		**869001105**
3/8"	11/16"-16h		**869001106**
1/2"	13/16"-16h		**869001308**
3/4"	1"3/16-12h		**869001912**
1"	1"7/16-12h		**869002316**

Hembras giratorias 90° una sola pieza rosca ORFS

One piece ORFS female (90° Elbow)

90° Femelle pré-sertie ORFS

Femmina 90° compatta ORFS



DN	ROSCA THREAD		Referencia Part nº
1/4"	9/16"-18h		**869070904**
3/8"	11/16"-16h		**869071106**
1/2"	13/16"-16h		**869071308**
5/8"	1" 14 UNS	NEW	**869071610**
3/4"	1"3/16-12h		**869071912**
1"	1"7/16-12h		**869072316**

Machos una sola pieza rosca ORFS

One piece ORFS male

Mâle pré-serti ORFS

Maschio compatto ORFS



DN	ROSCA THREAD	Referencia Part nº
1/4"	9/16"-18h	**869120904**
3/8"	11/16"-16h	**869121106**
1/2"	13/16"-16h	**869121308**
3/4"	1"3/16-12h	**869121912**
1"	1"7/16-12h	**869122316**

Hembras giratorias 45° una sola pieza rosca ORFS

One piece ORFS female (45° Elbow)

45° Femelle pré-sertie ORFS

Femmina 45° compatta ORFS



DN	ROSCA THREAD	Referencia Part nº
1/4"	9/16"-18h	**869080904**
3/8"	11/16"-16h	**869081106**
1/2"	13/16"-16h	**869081308**
3/4"	1"3/16-12h	**869081912**
1"	1"7/16-12h	**869082316**

Conexiones una sola pieza PTFE Liso / R14

One piece fittings for Smooth PTFE/ R14
Embouts pré-sertis pour PTFE lisse/ R14
Raccordi compatti per PTFE liscio/ R14

Hembras giratorias rectas una sola pieza NPSM (60°) doble hex

One piece double hexagonal NPSM female 60° cone

Femelle pré-sertie NPSM cône 60° double hexagonal

Femmina diritta compatta NPSM sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPSM	**863610404**
3/8"	3/8" 18h NPSM	**863610606**
1/2"	1/2" 14h NPSM	**863610808**
3/4"	3/4" NPSM	**863611212**
1"	1" - 11 1/2 h NPSM	**863611616**

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	**862610404**
3/8"	3/8" 18h NPSM	**862610606**
1/2"	1/2" 14h NPSM	**862610808**
3/4"	3/4" 14h NPSM	**862611212**
1"	1" - 11 1/2 h NPSM	**862611616**

Hembras giratorias 90° una sola pieza rosca NPSM

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

90° Femelle pré-sertie NPSM cône 60°

Femmina 90° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**862620404**
3/8"	3/8" 18h NPSM	**862620606**
1/2"	1/2" 14h NPSM	**862620808**
3/4"	3/4" 14h NPSM	**862621212**
1"	1" - 11 1/2 h NPSM	**862621616**

Hembras giratorias 45° una sola pieza rosca NPSM cono

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

45° Femelle pré-sertie NPSM cône 60°

Femmina 45° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**862630404**
3/8"	3/8" 18h NPSM	**862630606**
1/2"	1/2" 14h NPSM	**862630808**
3/4"	3/4" 14h NPSM	**862631212**
1"	1" - 11 1/2 h NPSM	**862631616**

Machos una sola pieza rosca cónica NPT

One piece NPT male pipe

Mâle pré-serti NPT

Maschio compatto conico NPT



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/8" NPT	**861610204**
3/16"	1/4" NPT	**861610403**
1/4"	1/4" NPT	**861610404**
5/16"	1/4" NPT	**861610405**
3/8"	1/4" NPT	**861610406**
1/4"	3/8" NPT	**861610604**
5/16"	3/8" NPT	**861610605**
3/8"	3/8" NPT	**861610606**
1/2"	1/2" NPT	**861610608**
3/8"	1/2" NPT	**861610806**
1/2"	1/2" NPT	**861610808**
5/8"	1/2" NPT	**861610810**
1/2"	3/4" NPT	**861611208**
5/8"	3/4" NPT	**861611210**
3/4"	3/4" NPT	**861611212**
3/4"	1" NPT	**861611612**
1"	1" NPT	**861611616**
1"	1" 1/4 NPT	**861612016**

Conexiones una sola pieza PTFE Liso / R14

One piece fittings for Smooth PTFE/ R14
Embouts pré-sertis pour PTFE lisse/ R14
Raccordi compatti per PTFE liscio/ R14

Hembras gir DKO rectas una sola pieza rosca Métrica 24°

One piece Metric female 24° cone

Femelle pré-sertie Métrique cône 24°

Femmina diritta compatta Metrica sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**86804140804**
3/8"	12	L	M18x1.5	**86804181206**
1/2"	12	L	M18x1.5	**86804181208**
1/2"	15	L	M22x1.5	**86804221508**
3/4"	18	L	M26x1.5	**86804261812**
3/4"	22	L	M30x2	**86804302212**
1"	28	L	M36x2	**86804362816**
1/4"	8	S	M16x1.5	**86804160804**
3/8"	12	S	M20x1.5	**86804201206**
1/2"	16	S	M24x1.5	**86804241608**
3/4"	25	S	M36x2	**86804362512**
1"	30	S	M42x2	**86804423016**

Hembras gir DKO90° una sola pieza rosca Métrica 24°

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

90° Femelle pré-sertie Métrique cône 24°

Femmina 90° compatta Metrica sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**86305140804**
3/8"	12	L	M18x1.5	**86305181206**
1/2"	15	L	M22x1.5	**86305221508**
3/4"	22	L	M30x2	**86305302212**
1"	28	L	M36x2	**86305362816**
1/4"	8	S	M16x1.5	**86305160804**
3/8"	12	S	M20x1.5	**86305201206**
1/2"	16	S	M24x1.5	**86305241608**
3/4"	25	S	M36x2	**86305362512**
1"	30	S	M42x2	**86305423016**

Machos compactos rosca Métrica cono 24°

One piece Metric male 24° cone

Mâle pré-serti Métrique cône 24°

Maschio compatto Metrico sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**86203140804**
3/8"	12	L	M18x1.5	**86203181206**
1/2"	15	L	M22x1.5	**86203221508**
3/4"	22	L	M30x2	**86203302212**
1"	28	L	M36x2	**86203362816**
1/4"	8	S	M16x1.5	**86203160804**
3/8"	12	S	M20x1.5	**86203201206**
1/2"	16	S	M24x1.5	**86203241608**
3/4"	25	S	M36x2	**86203362512**
1"	30	S	M42x2	**86203423016**

Hembras gir DKO45° una sola pieza rosca Métrica 24°

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

45° Femelle pré-sertie Métrique cône 24°

Femmina 45° compatta Metrica sede 24°



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°
1/4"	8	M14x1.5	L	**86306140804**
3/8"	12	M18x1.5	L	**86306181206**
1/2"	15	M22x1.5	L	**86306221508**
3/4"	22	M30x2	L	**86306302212**
1"	28	M36x2	L	**86306362816**
1/4"	8	M16x1.5	S	**86306160804**
3/8"	12	M20x1.5	S	**86306201206**
1/2"	16	M24x1.5	S	**86306241608**
3/4"	25	M36x2	S	**86306362512**
1"	30	M42x2	S	**86306423016**

Conexiones una sola pieza PTFE Liso / R14

One piece fittings for Smooth PTFE/ R14
Embouts pré-sertis pour PTFE lisse/ R14
Raccordi compatti per PTFE liscio/ R14

Hembras giratorias rectas una sola pieza BSP (60°) doble hex

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonal

Femmina diritta compatta BSP sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**864000404**
3/8"	3/8" BSP	**864000606**
1/2"	1/2" BSP	**864000808**
3/4"	3/4" BSP	**864001212**
1"	1" BSP	**864001616**

Hembras giratorias 90° una sola pieza rosca BSP con

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

90° Femelle pré-sertie BSP cône 60°

Femmina 90° compatta BSP sede 60°



DN	ROSCA THREAD		Referencia Part n°
1/4"	1/4" BSP		**861070404**
3/8"	3/8" BSP		**861070606**
1/2"	1/2" BSP		**861070808**
1/2"	3/4" BSP	NEW	**861071208**
3/4"	3/4" BSP		**861071212**
1"	1" BSP		**861071616**

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"	1/4" BSP	**861120404**
3/8"	3/8" BSP	**861120606**
1/2"	1/2" BSP	**861120808**
3/4"	3/4" BSP	**861121212**
1"	1" BSP	**861121616**

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°
3/16"	1/4" BSP	**861000403**
1/4"	1/4" BSP	**861000404**
3/8"	3/8" BSP	**861000606**
1/2"	1/2" BSP	**861000808**
3/4"	3/4" BSP	**861001212**
1"	1" BSP	**861001616**

Hembras giratorias 45° una sola pieza rosca BSP con

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

45° Femelle pré-sertie BSP cône 60°

Femmina 45° compatta BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**861080404**
3/8"	3/8" BSP	**861080606**
1/2"	1/2" BSP	**861080808**
3/4"	3/4" BSP	**861081212**
1"	1" BSP	**861081616**

Espiga lisa una sola pieza recta gas

One piece gas standpipe

Embout pré-serti lisse droit gas

Estremitá tubolare diritta gas



TUBO PIPE	DN		Referencia Part n°
6.4	1/4"		**861590604**
9.5	3/8"		**861590906**
12.7	3/8"		**861591206**
12.7	1/2"		**861591208**
15.8	5/8"		**861591510**
19.05	3/4"	NEW	**861591912**
25.4	1"	NEW	**861592516**

Conexiones una sola pieza PTFE Corrugado

One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convoluté
Raccordi compatti per PTFE corrugato

Hembras giratorias rectas una sola pieza rosca JIC 37° doble hex

One piece JIC 37° double hexagonal 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	**852420704**
3/8"	1/2" 20 UNF	**852420806**
3/8"	9/16" 18h UNF	**852420906**
1/2"	3/4" 16h UNF	**852421208**
1/2"	7/8" 14UNF	**852421408**
5/8"	7/8" 14UNF	**852421410**
5/8"	1"1/16 12 UN	**852421710**
3/4"	1"1/16 12h UN	**852421712**
1"	1"5/16 12h UN	**852422116**
1"1/4	1" 5/8 12h UN	**852422620**
1"1/2	1"7/8 12h UN	**852423024**
2"	2"1/2 12h UN	**852424032**

Hembras giratorias 90° una sola pieza rosca JIC 37°

One piece JIC 37° female (90° Elbow)

90° Femelle pré-sertie JIC 37°

Femmina 90° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**851380704**
3/8"	9/16" 18h UNF	**851380906**
1/2"	3/4" 16h UNF	**851381208**
3/4"	1"1/16 12h UN	**851381712**
1"	1"5/16 12h UN	**851382116**
1"1/4	1"5/8 12h UN	**851382620**
1"1/2	1"7/8 12h UN	**851383024**
2"	2"1/2 12h UN	**851384032**

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	**851400704**
3/8"	9/16" 18h UNF	**851400906**
1/2"	3/4" 16h UNF	**851401208**
5/8"	1"1/16 12h UN	**851401710**
3/4"	1"1/16 12h UN	**851401712**
1"	1"5/16 12h UN	**851402116**
1"1/4	1"5/8 12h UN	**851402620**
1"1/2	1"7/8 12h UN	**851403024**
2"	2"1/2 12h UN	**851404032**

Hembras giratorias rectas una sola pieza rosca 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	**851420704**
5/16"	1/2" 20h UNF	**851420805**
3/8"	9/16" 18h UNF	**851420906**
1/2"	3/4" 16h UNF	**851421208**
3/4"	1"1/16 12h UN	**851421712**
1"	1"5/16 12h UN	**851422116**
1" 1/4	1"5/8 12h UN	**851422620**
1"1/2	1"7/8 12h UN	**851423024**
2"	2" 1/2 12h UN	**851424032**

Hembras giratorias 45° una sola pieza rosca JIC 37°

One piece JIC 37° female (45° Elbow)

45° Femelle pré-sertie JIC 37°

Femmina 45° compatta JIC 37°



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**851390704**
3/8"	9/16" 18h UNF	**851390906**
1/2"	3/4" 16h UNF	**851391208**
3/4"	1"1/16 12h UN	**851391712**
1"	1"5/16 12h UN	**851392116**
1"1/4	1"5/8 12h UN	**851392620**
1"1/2	1"7/8 12h UN	**851393024**
2"	2"1/2 12h UN	**851394032**

Conexiones una sola pieza PTFE Corrugado

One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convoluté
Raccordi compatti per PTFE corrugato

Hembras giratorias rectas una sola pieza rosca ORFS doble hex

One piece doble hexagonal ORFS female

Femelle pré-sertie ORFS double hexagonal

Femmina diritta compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**859000904**
3/8"	11/16"-16h	**859001106**
1/2"	13/16"-16h	**859001308**
3/4"	1"3/16-12h	**859001912**
1"	1"7/16-12h	**859002316**
1"1/4	1" 11/16-16h	**859002720**
1"1/2	2" 12h	**859003224**

Machos una sola pieza rosca ORFS

One piece ORFS male

Mâle pré-serti ORFS

Maschio compatto ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**859120904**
3/8"	11/16"-16h	**859121106**
1/2"	13/16"-16h	**859121308**
3/4"	1"3/16-12h	**859121912**
1"	1"7/16-12h	**859122316**
1"1/4	1"11/16 12h	**859122720**
1"1/2	2" 12h	**859123224**

Hembras giratorias 90° una sola pieza rosca ORFS

One piece ORFS female (90° Elbow)

90° Femelle pré-sertie ORFS

Femmina 90° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**859070904**
3/8"	11/16"-16h	**859071106**
1/2"	13/16"-16h	**859071308**
3/4"	1"3/16-12h	**859071912**
1"	1"7/16-12h	**859072316**
1"1/4	1"11/16-16h	**859072720**
1"1/2	2" 12h	**859073224**

Hembras giratorias 45° una sola pieza rosca ORFS

One piece ORFS female (45° Elbow)

45° Femelle pré-sertie ORFS

Femmina 45° compatta ORFS



DN	ROSCA THREAD	Referencia Part n°
1/4"	9/16"-18h	**859080904**
3/8"	11/16"-16h	**859081106**
1/2"	13/16"-16h	**859081308**
3/4"	1"3/16-12h	**859081912**
1"	1"7/16-12h	**859082316**
1"1/4	1"11/16-16h	**859082720**
1"1/2	2" 12h	**859083224**

Conexiones una sola pieza PTFE Corrugado

One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convoluté
Raccordi compatti per PTFE corrugato

Hembras gir rectas una sola pieza NPSM (60°) doble hex

One piece double hexagonal NPSM female 60° cone

Femelle pré-sertie NPSM cône 60° double hexagonal

Femmina diritta compatta NPSM sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPSM	**853610404**
3/8"	3/8" 18h NPSM	**853610606**
1/2"	1/2" 14h NPSM	**853610808**
3/4"	3/4" NPSM	**853611212**
1"	1" - 11 1/2 h NPSM	**853611616**

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	**852610404**
3/8"	3/8" 18h NPSM	**852610606**
1/2"	1/2" 14h NPSM	**852610808**
3/4"	3/4" 14h NPSM	**852611212**
1"	1" - 11 1/2 h NPSM	**852611616**

Hembras giratorias 90° una sola pieza rosca NPSM

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

90° Femelle pré-sertie NPSM cône 60°

Femmina 90° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**852620404**
3/8"	3/8" 18h NPSM	**852620606**
1/2"	1/2" 14h NPSM	**852620808**
3/4"	3/4" 14h NPSM	**852621212**
1"	1" - 11 1/2 h NPSM	**852621616**

Hembras giratorias 45° una sola pieza rosca NPSM con

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

45° Femelle pré-sertie NPSM cône 60°

Femmina 45° compatta NPSM sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**852630404**
3/8"	3/8" 18h NPSM	**852630606**
1/2"	1/2" 14h NPSM	**852630808**
3/4"	3/4" 14h NPSM	**852631212**
1"	1" - 11 1/2 h NPSM	**852631616**

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°
1/4"	1/8" NPT	**851610204**
1/4"	1/4" NPT	**851610404**
5/16"	1/4" NPT	**851610405**
3/8"	1/4" NPT	**851610406**
1/4"	3/8" NPT	**851610604**
5/16"	3/8" NPT	**851610605**
3/8"	3/8" NPT	**851610606**
1/2"	3/8" NPT	**851610608**
3/8"	1/2" NPT	**851610806**
1/2"	1/2" NPT	**851610808**
5/8"	1/2" NPT	**851610810**
1/2"	3/4" NPT	**851611208**
5/8"	3/4" NPT	**851611210**
3/4"	3/4" NPT	**851611212**
3/4"	1" NPT	**851611612**
1"	1" NPT	**851611616**
1"	1"1/4 NPT	**851612016**
1"1/4	1"1/4 NPT	**851612020**
1"1/2	1"1/2 NPT	**851612424**
2"	2" NPT	**851613232**

Conexiones una sola pieza PTFE Corrugado

One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convoluté
Raccordi compatti per PTFE corrugato

Hembras gir DKO rectas una sola pieza rosca Métrica cono 24°

One piece Metric female 24° cone

Femelle pré-sertie Métrique cône 24°

Femmina diritta compatta Metrica sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**85804140804**
3/8"	12	L	M18x1.5	**85804181206**
1/2"	15	L	M22x1.5	**85804221508**
3/4"	22	L	M30x2	**85804302212**
1"	28	L	M36x2	**85804362816**
1"1/4	35	L	M45x2	**85804453520**
1"1/2	42	L	M52x2	**85804524224**
1/4"	8	S	M16x1.5	**85804160804**
3/8"	12	S	M20x1.5	**85804201206**
1/2"	16	S	M24x1.5	**85804241608**
3/4"	25	S	M36x2	**85804362512**
1"	30	S	M42x2	**85804423016**
1"1/4	38	S	M52x2	**85804523820**

Machos una sola pieza rosca Métrica cono 24°

One piece Metric male 24° cone

Mâle pré-serti Métrique cône 24°

Maschio compatto Metrico sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**85203140804**
3/8"	12	L	M18x1.5	**85203181206**
1/2"	15	L	M22x1.5	**85203221508**
3/4"	22	L	M30x2	**85203302212**
1"	28	L	M36x2	**85203362816**
1"1/4	35	L	M45x2	**85203453520**
1"1/2	42	L	M52x2	**85203524224**
1/4"	8	S	M16x1.5	**85203160804**
3/8"	12	S	M20x1.5	**85203201206**
1/2"	16	S	M24x1.5	**85203241608**
3/4"	25	S	M36x2	**85203362512**
1"	30	S	M42x2	**85203423016**
1"1/4	38	S	M52x2	**85203523820**

Hembras gir DKO 90° una sola pieza rosca Métrica cono

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

90° Femelle pré-sertie Métrique cône 24°

Femmina 90° compatta Metrica sede 24°



DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°
1/4"	8	M14x1.5	L	**85305140804**
3/8"	12	M18x1.5	L	**85305181206**
1/2"	15	M22x1.5	L	**85305221508**
3/4"	22	M30x2	L	**85305302212**
1"	28	M36x2	L	**85305362816**
1"1/4	35	M45x2	L	**85305453520**
1"1/2	42	M52x2	L	**85305524224**
1/4"	8	M16x1.5	S	**85305160804**
3/8"	12	M20x1.5	S	**85305201206**
1/2"	16	M24x1.5	S	**85305241608**
3/4"	25	M36x2	S	**85305362512**
1"	30	M42x2	S	**85305423016**
1"1/4	38	M52x2	S	**85305523820**

Hembras gir DKO 45° una sola pieza rosca Métrica cono 2

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

45° Femelle pré-sertie Métrique cône 24°

Femmina 45° compatta Metrica sede 24°



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**85306140804**
3/8"	12	L	M18x1.5	**85306181206**
1/2"	15	L	M22x1.5	**85306221508**
3/4"	22	L	M30x2	**85306302212**
1"	28	L	M36x2	**85306362816**
1"1/4	35	L	M45x2	**85306453520**
1"1/2	42	L	M52x2	**85306524224**
1/4"	8	S	M10x1.5	**85306160804**
3/8"	12	S	M20x1.5	**85306201206**
1/2"	16	S	M24x1.5	**85306241608**
3/4"	25	S	M36x2	**85306362512**
1"	30	S	M42x2	**85306423016**
1"1/4	38	S	M52x2	**85306523820**

Conexiones una sola pieza PTFE Corrugado

One piece fittings for convoluted PTFE
Embouts pré-sertis pour PTFE convoluté
Raccordi compatti per PTFE corrugato

Hembras giratorias rectas una sola pieza rosca BSP (60°) doble hex

One piece double hexagonal BSP female 60° cone

Femelle pré-sertie BSP cône 60° double hexagonal

Femmina diritta compatta BSP sede 60° doppio esagono



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**854000404**
3/8"	3/8" BSP	**854000606**
1/2"	1/2" BSP	**854000808**
3/4"	3/4" BSP	**854001212**
1"	1" BSP	**854001616**
1"1/4	1"1/4 BSP	**854002020**
1"1/2	1"1/2 BSP	**854002424**
2"	2" BSP	**854003232**

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"	1/4" BSP	**851000404**
3/8"	3/8" BSP	**851000606**
1/2"	1/2" BSP	**851000808**
3/4"	3/4" BSP	**851001212**
1"	1" BSP	**851001616**
1"1/4	1"1/4 BSP	**851002020**
1"1/2	1"1/2 BSP	**851002424**
2"	2" BSP	**851003232**

Hembras giratorias 90° una sola pieza rosca BSP cono

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

90° Femelle pré-sertie BSP cône 60°

Femmina 90° compatta BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**851070404**
3/8"	3/8" BSP	**851070606**
1/2"	1/2" BSP	**851070808**
3/4"	3/4" BSP	**851071212**
1"	1" BSP	**851071616**
1"1/4	1"1/4 BSP	**851072020**
1"1/2	1"1/2 BSP	**851072424**
2"	2" BSP	**851073232**

Hembras giratorias 45° una sola pieza rosca BSP c

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

45° Femelle pré-sertie BSP cône 60°

Femmina 45° compatta BSP sede 60°



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**851080404**
3/8"	3/8" BSP	**851080606**
1/2"	1/2" BSP	**851080808**
3/4"	3/4" BSP	**851081212**
1"	1" BSP	**851081616**
1"1/4	1"1/4 BSP	**851082020**
1"1/2	1"1/2 BSP	**851082424**
2"	2" BSP	**851083232**

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"	1/4" BSP	**851120404**
3/8"	3/8" BSP	**851120606**
1/2"	1/2" BSP	**851120808**
3/4"	3/4" BSP	**851121212**
1"	1" BSP	**851121616**
1"1/4	1"1/4 BSP	**851122020**
1"1/2	1"1/2 BSP	**851122424**
2"	2" BSP	**851123232**

Conexiones Reusables

Reusable series
Embouts série récupérable
Serie Recuperabile

Hembras giratorias rectas una sola pieza R2T rosca JIC 37°

One Piece Swivel Female R2AT JIC 37°

Femelle tournante 1 piéce R2AT JIC 37°

Femmina compatta JIC 37° - R2AT



DN	ROSCA THREAD	Referencia Part n°
1/4"	716" 20h UNF	**Z3J-07-04-R2T**
3/8"	9/16" 18h UNF	**Z3J-09-06-R2T**
1/2"	3/4" 16h UNF	**Z3J-12-08-R2T**
1/2"	7/8" 14h UNF	**Z3J-14-08-R2T**
5/8"	7/8" 14h UNF	**Z3J-14-10-R2T**
3/4"	1"1/16 12h UNF	**Z3J-17-12-R2T**
1"	1" 5/16 12h UNF	**Z3J-21-16-R2T**

Machos una sola pieza R2T rosca cónica NPT

One Piece Male R2AT NPT

Mâle1piéce 2AT NPT

Maschio compatto NPT - R2AT



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPT	**Z2NPT-04-04-R2T**
3/8"	3/8" NPT	**Z2NPT-06-06-R2T**
1/2"	1/2" NPT	**Z2NPT-08-08-R2T**
3/4"	3/4" NPT	**Z2NPT-12-12-R2T**
1"	1" NPT	**Z2NPT-16-16-R2T**

Casquillos reus para manguera R1T/1SN no pelar

Reusable ferrules R1T/1SN non skive

Jupes récuperables R1T/1SN sans dénudage

Boccola recuperabile per R1T senza pelatura



DN	Referencia Part n°
1/4"	**Z1G-4 R1T INOX**
5/16"	**Z1G-5 R1T INOX**
3/8"	**Z1G-6 R1T INOX**
1/2"	**Z1G-8 R1T INOX**
3/4"	**Z1G-12 R1T INOX**
1"	**Z1G-16 R1T INOX**

Casquillos reus para manguera R2AT/2SN no pelar

Reusable ferrules R2AT/2SN non skive

Jupes récuperables R2AT/2SN sans dénudage

Boccola recuperabile per R2AT/2SN senza pelatura



DN	Referencia Part n°
1/4"	**Z1G-4 R2T INOX**
3/8"	**Z1G-6 R2T INOX**
1/2"	**Z1G-8 R2T INOX**
5/8"	**Z1G-10 R2T INOX**
3/4"	**Z1G-12 R2T INOX**
1"	**Z1G-16 R2T INOX**

Hembras giratorias rectas reusables rosca BSP cono 60°

Reusable BSP Swivel female 60° cone

Femelle récuperable gaz cylindrique 60°

Femmina diritta BSP sede 60° recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**Z3G-4**
5/16"	3/8" BSP	**Z3G-6-5**
3/8"	3/8" BSP	**Z3G-6**
3/8"	1/2" BSP	**Z3G-8-6**
1/2"	1/2" BSP	**Z3G-8**
3/4"	3/4" BSP	**Z3G-12**
1"	1" BSP	**Z3G-16**
1"1/4	1"1/4 BSP	**Z3G-20**
1"1/2	1"1/2 BSP	**Z3G-24***

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

Hembras giratorias 90° reusables rosca BSP cono 6

Reusable BSP 60° cone (90° Elbow)

Coude 90° femelle récuperable gaz cylindrique BSP 60°

Femmina 90° BSP sede 60° recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**Z90G-4**
3/8"	3/8" BSP	**Z90G-6**
3/8"	1/2" BSP	**Z90G-8-6**
1/2"	1/2" BSP	**Z90G-8**
3/4"	3/4" BSP	**Z90G-12**
1"	1" BSP	**Z90G-16**

Machos reusables rosca cilíndrica BSP cono 60°

Reusable BSP Male parallel 60° cone

Mâle récuperable gaz cylindrique BSP 60°

Maschio BSP cilindrico sede 60° recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**Z2G-4**
3/8"	3/8" BSP	**Z2G-6-5**
3/8"	3/8" BSP	**Z2G-6**
3/8"	1/2" BSP	**Z2G-8-6**
1/2"	1/2" BSP	**Z2G-8**
3/4"	3/4" BSP	**Z2G-12**
1"	1" BSP	**Z2G-16**

Conexiones Reusables

Reusable series
Embouts série récupérable
Serie Recuperabile

Hembras giratorias rectas reusables rosca JIC cono 37°

Reusable JIC 37° straight Swivel female

Femelle droite récuperable JIC 37°

Femmina diritta JIC sede 37° recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**Z3J-07-04**
3/8"	9/16" 18h UNF	**Z3J-09-06**
1/2"	3/4" 16h UNF	**Z3J-12-08**
1/2"	7/8" 14h UNF	**Z3J-14-08**
5/8"	7/8" 14h UNF	**Z3J-14-10**
3/4"	1"1/16 12h UNF	**Z3J-17-12**
1"	1"5/16 12h UNF	**Z3J-21-16**

Machos reusables rosca JIC cono 37°

Reusable JIC Male 37° cone

Mâle récuperables JIC cône 37°

Maschio JIC 37° recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**Z2J-07-04**
3/8"	9/16" 18h UNF	**Z2J-09-06**
1/2"	3/4" 16h UNF	**Z2J-12-08**
1/2"	7/8" 14h UNF	**Z2J-14-08**
5/8"	7/8" 14h UNF	**Z2J-14-10**
3/4"	1"1/16 12h UNF	**Z2J-17-12**
1"	1" 5/16 12h UNF	**Z2J-21-16**

Hembras giratorias 90° reusables rosca JIC cono 37°

90° reusable Swivel female thread JIC cone 37 °

Femelle tournante 90° filetage récuperable cône JIC 37 °

Femmina 90° JIC 37° recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**Z3J90-07-04**
3/8"	9/16" 18h UNF	**Z3J90-09-06**
1/2"	3/4" 16h UNF	**Z3J90-12-08**
1/2"	7/8" 14h UNF	**Z3J90-14-08**
5/8"	7/8" 14h UNF	**Z3J90-14-10**
3/4"	1"1/16 12h UN	**Z3J90-17-12**
1"	1"5/16 12h UN	**Z3J90-21-16**

Hembras giratorias 45° reusables rosca JIC cono 37°

45° reusable Swivel female thread JIC cone 37 °

Femelle tournante 45° filetage récuperable cône JIC 37 °

Femmina 45° JIC 37° recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**Z3J45-07-04**
3/8"	9/16" 18h UNF	**Z3J45-09-06**
1/8"	3/4" 16h UNF	**Z3J45-12-08**
1/2"	7/8" 14h UNF	**Z3J45-14-08**
5/8"	7/8" 14h UNF	**Z3J45-14-10**
3/4"	1"1/16 12h UN	**Z3J45-17-12**
1"	1"5/16 12h UN	**Z3J45-21-16**

Machos reusables rosca NPT

Reusable NPT Male

Mâle récuperable NPT

Maschio NPT recuperabile



DN	ROSCA THREAD	Referencia Part n°
1/4	1/4" NPT	**Z2NPT-04-04**
3/8	3/8" NPT	**Z2NPT-06-06**
1/2	1/2" NPT	**Z2NPT-08-08**
3/4	3/4" NPT	**Z2NPT-12-12**
1"	1" NPT	**Z2NPT-16-16**

Espigas lisas Métricas reusables

Reusable Metric standpipe

Embout lisse récuperable Métrique

Estremitá tubolare recuperabile



DN	TUBO PIPE	Referencia Part n°
1/4"	6	**ZE-6-4**
1/4"	8	**ZE-8-4**
3/8"	8	**ZE-8-6**
1/4"	10	**ZE-10-4**
5/16"	10	**ZE-10-5**
3/8"	10	**ZE-10-6**
5/16"	12	**ZE-12-5**
3/8"	12	**ZE-12-6**
3/8"	15	**ZE-15-6**
1/2"	15	**ZE-15-8**
1/2"	16	**ZE-16-8**
3/4"	22	**ZE-22-12**
3/4"	25	**ZE-25-12**
1"	25	**ZE-25-16**
1"	28	**ZE-28-16**
1"	30	**ZE-30-16**

*Consultar / On request / Sur demande / Su richiesta

Conexiones Reusables

Reusable series
Embouts série récupérable
Serie Recuperabile

Hembras giratorias rectas reusables R5 rosca JIC cono 37°

Reusable R5 JIC 37 ° straight swivel female

Femelle pivotante droite réutilisable R5 JIC filetage 37 ° cône

Femmina diritta compatta recuperabile JIC 37° - R5



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20 UNF	**Z3J-07-04-R5**
1/4"	7/16" 20h UNF	**Z3J-07-05-R5**
1/4"	1/2" 20h UNF	**Z3J-08-05-R5**
5/16"	1/2" 20h UNF	**Z3J-08-06-R5**
5/16"	9/16" 18h UNF	**Z3J-09-06-R5**
13/32"	3/4" 16h UNF	**Z3J-12-08-R5**
1/2"	3/4" 16h UNF	**Z3J-12-10-R5**
1/2"	7/8"x14 UNF	**Z3J-14-10-R5**
5/8"	1" 1/16" 12 UNF	**Z3J-17-12-R5**
7/8"	1" 5/16" 12 UNF	**Z3J-21-16-R5**
1"1/8	1" 5/8 12 UNF	**Z3J-26-20-R5**
1"3/8	1" 7/8 12 UNF	**Z3J-30-24-R5**
1"13/16	2" 1/2 12UNF	**Z3J-40-32-R5**

Hembras giratorias 90° reusables R5 rosca JIC cono 37°

Reusable R5 JIC 37 ° swivel female (90° elbow)

Femelle pivotante 90° filetage R5 réutilisable cône JIC 37 °

Femmina 90° compatta recuperabile JIC 37° - R5



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20 UNF	**Z3J90-07-04-R5**
1/4"	7/16" 20h UNF	**Z3J90-07-05-R5**
1/4"	1/2" 20h UNF	**Z3J90-08-05-R5**
5/16"	9/16" 18h UNF	**Z3J90-09-06-R5**
13/32"	3/4" 16h UNF	**Z3J90-12-08-R5**
1/2"	3/4" 16h UNF	**Z3J90-12-10-R5**
1/2"	7/8" 14 UNF	**Z3J90-14-10-R5**
5/8"	1" 1/16 12 UNF	**Z3J90-17-12-R5**
7/8"	1" 5/16" 12 UNF	**Z3J90-21-16-R5**

Machos reusables R5 rosca NPT

Reusable R5 NPT Male

Mâle récuperables R5 NPT

Maschio NPT recuperabile - R5



DN	ROSCA THREAD	Referencia Part n°
3/16"	1/4" NPT	**Z2P-04-04-R5**
1/4"	1/4" NPT	**Z2P-04-05-R5**
5/16"	3/8" NPT	**Z2P-06-06-R5**
13/32"	1/2" NPT	**Z2P-08-08-R5**
1/2"	1/2" NPT	**Z2P-08-10-R5**
5/8"	3/4" NPT	**Z2P-12-12-R5**
7/8"	1" NPT	**Z2P-16-16-R5**
1" 1/8	1" 1/4 NPT	**Z2P-20-20-R5**
1" 3/8	1" 1/2 NPT	**Z2P-24-24-R5**
1" 13/16	2" NPT	**Z2P-32-32-R5**

Hembras giratorias 45° reusables R5 rosca JIC cono 37°

Reusable R5 JIC 37 ° swivel female (45° elbow)

Femelle pivotante 45° réutilisable Filetage R5 cône JIC 37 °

Femmina 45° compatta recuperabile JIC 37° - R5



DN	ROSCA THREAD	Referencia Part n°
3/16"	7/16" 20 UNF	**Z3J45-07-04-R5**
1/4"	7/16" 20h UNF	**Z3J45-07-05-R5**
1/4"	1/2" 20h UNF	**Z3J45-08-05-R5**
5/16"	9/16" 18h UNF	**Z3J45-09-06-R5**
13/32"	3/4" 16h UNF	**Z3J45-12-08-R5**
1/2"	3/4" 16h UNF	**Z3J45-12-10-R5**
1/2"	7/8" 14 UNF	**Z3J45-14-10-R5**
5/8"	1" 1/16 12 UNF	**Z3J45-17-12-R5**
7/8"	1" 5/16" 12 UNF	**Z3J45-21-16-R5**

CONEXIONES REUSABLES R5

REUSABLE R5 FITTINGS



Sistemas hidráulicos de **media presión** con fluidos basados en petróleo o agua/ glycol, aceites y lubricantes.

Medium pressure *hydraulic systems with petroleum or water/glycol based fluids and for fuel and lubricating oils*

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

Conexiones Push-On

Push-On Fittings
Embouts Push-On
Raccordi Serie Push-On

Hembras giratorias rectas rosca BSP cono 60°

BSP Swivel female 60° cone

Femelle tournante BSP cône 60°

Femmina diritta BSP sede 60° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**891000404**
3/8"	3/8" BSP	**891000606**
1/2"	1/2" BSP	**891000808**
5/8"	5/8" BSP	**891001010**
3/4"	3/4" BSP	**891001212**
1"	1" BSP	**891001616**

Machos rosca cilíndrica BSP cono 60°

BSP Male 60° cone

Mâle fixe BSP cône 60°

Maschio cilindrico BSP sede 60° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**891120404**
3/8"	3/8" BSP	**891120606**
1/2"	1/2" BSP	**891120808**
3/4"	1/2" BSP	**891120812**
5/8"	5/8" BSP	**891121010**
3/4"	3/4" BSP	**891121212**
1"	1" BSP	**891121616**

Hembras giratorias rectas JIC 37°

JIC 37° Swivel female

Femelle tournante JIC 37°

Femmina diritta JIC sede 37° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**891420704**
3/8"	9/16" 18h UNF	**891420906**
1/2"	3/4" 16h UNF	**891421208**
5/8"	7/8" 14h UNF	**891421410**
3/4"	1"1/16 12h UN	**891421712**
1"	1"5/16 12h UN	**891422116**

Machos rosca JIC cono 37°

JIC 37° Male

Mâle fixe JIC 37°

Maschio JIC sede 37° Push-On



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**891400704**
3/8"	9/16" 18h UNF	**891400906**
1/2"	3/4" 16h UNF	**891401208**
5/8"	7/8" 14h UNF	**891401410**
3/4"	1"1/16 12h UN	**891401712**
1"	1"5/16 12h UN	**891402116**

Machos rosca cónica NPT

NPT Male pipe straight

Mâle gaz conique NPT (BRIGGS)

Maschio conico NPT Push-On



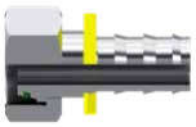
DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPT	**891610404**
3/8"	3/8" NPT	**891610606**
1/2"	1/2" NPT	**891610808**
3/4"	3/4" NPT	**891611212**
1"	1" NPT	**891611616**

Hembra giratoria recta Métrica cono 24°

Metric female swivel with o´ring 24° cone

Femelle Métrique avec o´ring cône 24°

Femmina metrica sede 24°+O´ring Push-On



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	6	L	M12x1.5	**89804120604**
1/4"	8	L	M14x1.5	**89804140804**
1/4"	10	L	M16x1.5	**89804161004**
3/8"	12	L	M18x1.5	**89804181206**
1/2"	15	L	M22x1.5	**89804221508**
3/4"	22	L	M30x2	**89804302212**

Machos rosca métrica cono 24°

Metric stud 24° cone

Mâle Métrique cône 24°

Maschio metrico sede 24° Push-On



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	L	M14x1.5	**89203140804**
1/4"	10	L	M16x1.5	**89203161004**
3/8"	12	L	M18x1.5	**89203181206**
1/2"	15	L	M22x1.5	**89203221508**
3/4"	22	L	M30x2	**89203302212**

Conexiones Alta Presión (700 bar)

High pressure 700 bar fittings
Embouts haute pression 700 bar
Raccordi Altissima pressione (700 bar)

Casquillos para alta presión (700bar)

Ferrules for thermoplastic hose 700 bar

Jupes à sertir thermoplastique 700 bar

Boccole per tubo termoplastico 700 bar



DN	Referencia Part n°
1/4"	**Z710120400**
3/8"	**Z710120600**
1/2"	**Z710120800**

Hembra giratoria BSP cono 60° (700bar)

BSP Swivel female 60° cone 700 bar

Embout 700 bar femelle tournante gaz cyl BSP 60°

Femmina diritta BSP sede 60° 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**Z741000404**
3/8"	3/8" BSP	**Z741000606**
1/2"	1/2" BSP	**Z741000808**

Macho BSP cono 60° (700bar)

BSP Male parallel 60° cone 700 bar

Embout 700 bar mâle fixe gaz cyl BSP 60°

Maschio cilindrico BSP sede 60° 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" BSP	**Z741120404**
3/8"	3/8" BSP	**Z741120606**
1/2"	1/2" BSP	**Z741120808**

Hembra giratoria NPSM cono 60° (700bar)

NPSM Swivel female 60° cone 700 bar

Embout 700 bar femelle tournante NPSM 60°

Femmina diritta NPSM sede 60° 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" 18h NPSM	**Z742610404**
3/8"	3/8" 18h NPSM	**Z742610606**
1/2"	1/2" 14h NPSM	**Z742610808**

Macho NPT (700bar)

NPT Male pipe straight 700 bar

Embout 700 bar mâle fixe gaz conique NPT

Maschio conico NPT 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	1/4" NPT	**Z741610404**
1/4"	3/8" NPT	**Z741610604**
3/8"	3/8" NPT	**Z741610606**
1/2"	1/2" NPT	**Z741610808**

Hembra giratoria JIC 37° (700bar)

JIC 37° Swivel female 700 bar

Embout 700 bar femelle tournante droit JIC 37°

Femmina JIC 37° 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**Z741420704**
1/4"	9/16" 18h UNF	**Z741420904**
3/8"	9/16" 18h UNF	**Z741420906**
1/2"	3/4" 16h UNF	**Z741421208**

Macho JIC 37° (700bar)

JIC 37° Male thread 700 bar

Embout 700 bar mâle fixe JIC 37°

Maschio JIC 37° 700 bar



DN	ROSCA THREAD	Referencia Part n°
1/4"	7/16" 20h UNF	**Z741400704**
3/8"	9/16" 18h UNF	**Z741400906**
1/2"	3/4" 16h UNF	**Z741401208**

Hembra giratoria Métrica 24° (700bar)

Metric Swivel female 24° cone 700 bar

Embout 700 bar femelle tournante droit Métrique cône 24°

Femmina diritta Metrica sede 24° 700 bar



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	S	M16x1.5	**Z74804160804**
3/8"	12	S	M20x1.5	**Z74804201206**
1/2"	16	S	M24x1.5	**Z74804241608**

Macho Métrico 24° (700bar)

Metric Male 24° cone 700 bar

Embout 700 bar mâle fixe Métrique cône 24°

Maschio metrico sede 24° 700 bar



DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
1/4"	8	S	M16x1.5	**Z74203160804**
3/8"	12	S	M20x1.5	**Z74203201206**
1/2"	16	S	M24x1.5	**Z74203241608**

CRIMPING MACHINES

Prensas
Pressen
Presses

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

TrΔle®

CUTTING MACHINES

Cortadoras
Schneidemaschinen und Zubehör
Trongommeuse et Accessoires

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

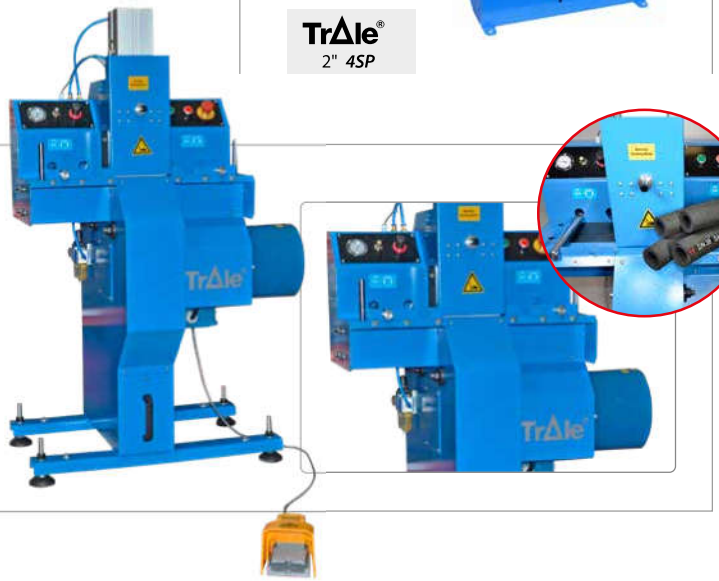
Ø Max. 75mm
4 Kw
Ø 300 mm



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



TrΔle® 2"

Útiles / Tools





Portaherramientas.
Tool holder

PMT 2

2"



Peladora Manual
Manual hose skiving

BANCO DE PRUEBAS · TEST BENCH

TB 2500





TrAle®

MACHINES FOR PROCESSING RIGID PIPES

Máquinas para tubo rígido
Maschinen für tube
Macchines pour tube

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



FT37

Matrices JIC 37°
Tools JIC 37°

BL

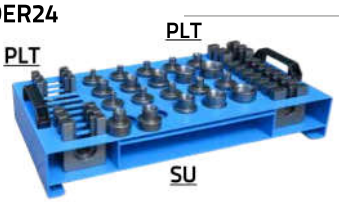
JIC 37°



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





Tubo TrΔle® métrico 104
TrΔle® metric pipe
Tube rigide TrΔle® métrique
Tubo rigido TrΔle® metrico

Racores DIN 2353 105
DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racores JIC 37° 125
Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°



02

TUBO RÍGIDO TRALE®

Pipe fittings

Raccord tube rigide

Raccordi DIN2353 – JIC 37°



TrΔle®

TYPE APPROVED PRODUCT
DNV
DNV.COM/AF

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



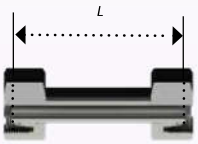
-Fija el tubo a dispositivos rígidos
-Corta el tubo recto y sin rebabas (max. ± 1° de desviación)
-No utilice cortatubos

- 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

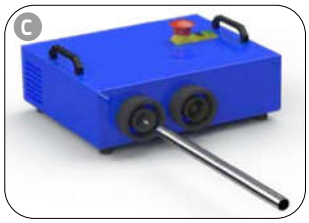


Series Ø ext. Pipe	LL				L								S								
	4	5	6	8	6	8	10	12	15	18	22	28	35	42	6	8	10	12	14	16	20	25	30	38
H min.	LL				L								S								
	24	25	25	26	31	31	33	33	36	38	42	42	48	48	35	35	37	37	43	43	50	54	58	65
L min.	LL				L								S								
	30	32	32	33	39	39	42	42	45	48	53	53	60	60	44	44	47	47	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

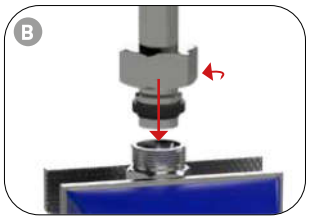
- Remove internal and external burrs
- Seal can be damaged by large burrs

2 MONTAJE EN BANCO
ASSEMBLY IN VICE



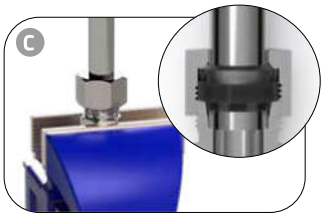
-Utiliza lubricantes específicos (GR ASW120)
-Lubricar las roscas de los racores inox adecuadamente.

- 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.

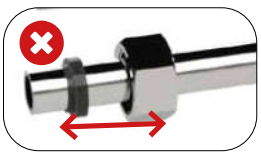
- Press tube-end firmly into the assembly cone.

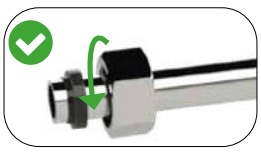


-Apriete hasta notar un fuerte incremento de resistencia (aprox. 1 ó 1,5 vueltas)

-Tighten until sharp increase of resistance (approx. 1 to 1 1/2 turns)

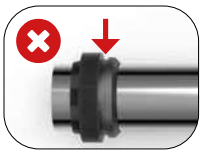
3 COMPROBACIÓN DEL MONTAJE - CONTROL
ASSEMBLY CHECK - CONTROL

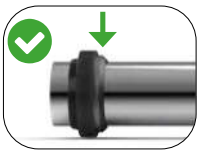




CONTROL ZACJ2/ACJ2: COMPROBAR EL ESPACIO ENTRE EL ANILLO DE ESTANQUEIDAD Y EL DE RETENCIÓN

ZACJ2/ACJ2 CONTROL: GAP BETWEEN SEALING RING AND RETAINING RING MUST BE CHECKED

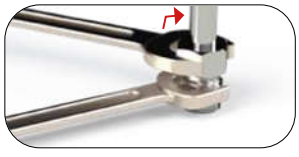




4 MONTAJE FINAL: INSTALACIÓN DEL SISTEMA DE TUBO
FINAL ASSEMBLY: INSTALLATION OF THE TUBE SYSTEM



- 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)

Tubo TrΔle® métrico

TrΔle® metric pipe
Tube rigide TrΔle® métrique
Tubo rigido TrΔle® metrico



ZTH0



ZTH0...-3

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

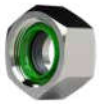
Tuercas y anillos · Nuts and cutting rings · Écrous et bagues · Dadi e anelli | 105


ZML/ZMS

ZACL/ZACS

ZVHS

ZACJ

ZACJ2

ZMJL / ZMJS

Uniones tubo-tubo · Straight couplings · Raccords union double · Raccordi intermedi | 107


ZDL/ZDS

ZEL/ZES

ZDL/ZDS

ZTL/ZTS

ZKVL/ZKVS

Uniones rectas tubo-rosca · Straight male stud couplings · Raccords union simple mâle · Raccordi di estremitá diritti | 109


ZAL/ZAS RC

ZAL/ZAS BSP WD

ZAL/ZAS BSP

ZAL/ZAS M WD

ZAL/ZAS UNF

ZAKL/ZAKS NPT

ZAKL/ZAKS BSPT

ZAKL/ZAKS METRIC

Codos tubo-rosca · Male stud elbows · Raccords coude mâle gaz · Raccordi di estremitá a 90° | 112


ZCKL/ZCKS BSPT

Z WEE

ZCKL/ZCKS NPT

ZCKL/ZCKS METRIC

TES rosca lateral · Male stud barrel · Raccords Té mâle latéral · Raccordi di estremitá a L | 113


ZLKL/ZLKS BSPT

ZLKL/ZLKS METRIC

TES rosca central · Male stud branch · Raccords Té mâle central · Raccordi di estremitá a T | 113


ZFKL/ZFKS BSPT

ZFKL/ZFKS METRIC

Uniones Métricas · Metric unions · Raccords union Métrique · Raccordi Metrici | 114


ZKORL TLM

ZKORS TLM

Reducciones roscadas · Reductions · Raccords de réduction · Raccordi di riduzione filettati | 115


ZRI-R WD

Racores regulables · Adjustable stud couplings · Raccords régulables · Raccordi orientabili | 116


ZEEL/ZEES CTA

ZEEL/ZEES TLM

ZTEL/ZTES TLM

ZLEL/ZLES TLM

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Tubo roscado (hembra giratoria) · Adjustable straight stud · Raccords tube fileté · Raccordi di estremitá per combinazioni | 117


ZATL/ZATS


ZRAL/ZRAS BSP TLM WD


ZRAL/ZRAS NPT TLM


ZRAL/ZRAS METRIC TLM WD

Soldables · Welding fittings · Raccords à souder · Raccordi a saldare | 118


ZASL/ZASS


ZESVL/ZESVS


ZORIL/ZORIS

Pasatabiques · Bulkhead · Raccords passe cloison · Raccordi passaparete | 119


ZSVL/ZSVS


ZUSVL/ZUSVS


KZTPM

Racor recto hembra · Straight female coupling · Raccords droits femelle · Raccordi diritti con estremitá femmina | 120


ZGAIL/ZGAIS BSP


ZMAVL/ZMAVS


ZAM


ZGAIL/ZGAIS METRIC


Z MAFL/ZMFAS

Orientables · Banjos · Raccords orientables · Raccordi orientabili ad occhio | 121


ZWSVL/ZWSVS BSP


ZWSVL/ZWSVS METRIC

Tapones · Plugs · Raccords bouchon métrique · Tappi | 122


ZBUTZEN L/S


ZSTOPFEN BSP


ZSTOPFEN METRIC

Juntas · O-rings & captive seals · Joints · Guarnizioni | 122


JVT


JVBSP/JVM

Accesorios para montaje · Accessories for the assembly · Accessoires pour le montage · Accessori per assemblaggio | 123


ZVOMO


Grasa

Válvulas antirretorno · Valves · Valves clapet antiretour · Valvole di ritegno | 124


ZRHVL/ZRHVS


ZRHZL/ZRHZS


ZRHDL/ZRHDS

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Tuercas, ferulas y tapones JIC 37° · JIC 37° Nuts, sleeves and plugs · Écrous, ferrules et bouchons JIC 37° · Dadi, bussole e tappi JIC 37° | 125


ZS110


ZS120


ZS121


ZS140


ZS130

Uniones rectas JIC 37° · JIC 37° Straight unions · Union droite JIC 37° · Adattatori diritti JIC 37° | 126


ZS260


ZS260


ZS250


ZS260_OR


ZS240


ZS200


ZS380


ZS230


ZS180


ZS210


ZS295


ZS740


ZS291


ZS290


ZS185


JVMET


JVUNF


ZS730


JVMBSP


JTVJIC

Codos 90° JIC 37° · JIC 37° 90° Elbows · Coudes 90° JIC 37° · Adattatori a 90° JIC 37° | 131


ZS500


ZS675


ZS700


ZS500_OR


ZS650


ZS570


ZS575


ZS550


ZS595


ZS525

Codos 45 JIC 37° · JIC 37° 45° Elbows · Coudes 45° JIC 37° · Adattatori a 45° JIC 37° | 133


ZS690


ZS775


ZS725

Tes JIC 37° · JIC 37° Tees · Tés JIC 37° · Adattatori a T JIC 37° | 134


ZS505


ZS680

ZS630

ZS505_OR

ZS685

ZS625

Tubo TrΔle® métrico

TrΔle® metric pipe
Tube rigide TrΔle® métrique
Tubo rigido TrΔle® metrico

Tubo rígido - 6 mts

Rigid pipe - 6 mts

Tube rigide - 6 mts

Tubo rigido Inox - 6 metri



Ø EXT. Ø OUTER	Ø INT. Ø INNER		Referencia Part n°
6	4		ZTH0060100
6	3		ZTH0060150
8	6		ZTH0080100
8	5		ZTH0080150
10	8		ZTH0100100
10	7		ZTH0100150
10	6		ZTH0100200
12	10		ZTH0120100
12	9		ZTH0120150
12	8		ZTH0120200
12	7		ZTH0120250
14	10		ZTH0140200
15	12		ZTH0150150
16	12		ZTH0160200
16	10		ZTH0160300
18	15		ZTH0180150
18	14		ZTH0180200
20	14		ZTH0200300
22	18		ZTH0220200
25	20	NEW	ZTH0250250
25	19		ZTH0250300
28	24		ZTH0280200
30	24		ZTH0300300
35	31		ZTH0350200
38	30		ZTH0380400
42	38		ZTH0420200
42	36		ZTH0420300

Precio por metro. / *Price per meter.* / Les prix sont par mètre. / *I prezzi si intendono al metro*

Tubo rígido - 3 mts

Rigid pipe - 3 mts

Tube rigide - 3 mts

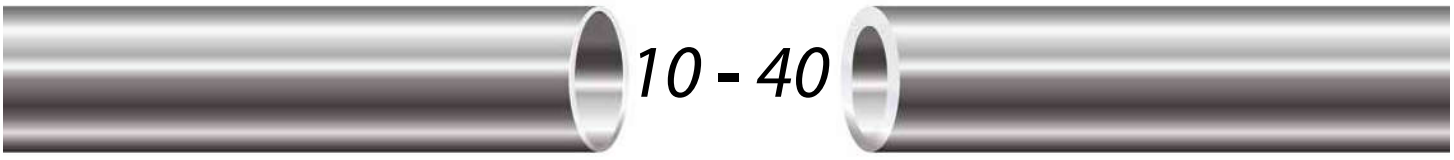
Tubo rigido Inox - 3 metri



Ø EXT. Ø OUTER	Ø INT. Ø INNER		Referencia Part n°
6	4		ZTH0060100-3
6	3		ZTH0060150-3
8	6		ZTH0080100-3
8	5		ZTH0080150-3
10	8		ZTH0100100-3
10	7		ZTH0100150-3
12	10		ZTH0120100-3
10	6		ZTH0100200-3
12	9		ZTH0120150-3
12	8		ZTH0120200-3
12	7		ZTH0120250-3
14	10		ZTH0140200-3
15	12		ZTH0150150-3
16	12		ZTH0160200-3
16	10		ZTH0160300-3
18	15		ZTH0180150-3
18	14		ZTH0180200-3
20	14		ZTH0200300-3
22	18		ZTH0220200-3
25	20	NEW	ZTH0250250-3
25	19		ZTH0250300-3
28	24		ZTH0280200-3
30	24		ZTH0300300-3
35	31		ZTH0350200-3
38	30		ZTH0380400-3
42	38		ZTH0420200-3
42	36		ZTH0420300-3

Precio por metro. / *Price per meter.* / Les prix sont par mètre. / *I prezzi si intendono al metro*

TUBO SCHEDULE **PIPE**



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

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Tuercas Métricas DIN 3870

Nuts DIN 3870
Écrou DIN 3870
Dado DIN 3870



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
4	LL	M8X1	**Z MLL 4**
6	LL	M10X1	**Z MLL 6**
8	LL	M12X1	**Z MLL 8**
6	L	M12X1,5	**Z ML 6**
8	L	M14X1,5	**Z ML 8**
10	L	M16X1,5	**Z ML 10**
12	L	M18X1,5	**Z ML 12**
15	L	M22X1,5	**Z ML 15**
18	L	M26X1,5	**Z ML 18**
22	L	M30X2	**Z ML 22**
28	L	M36X2	**Z ML 28**
35	L	M45X2	**Z ML 35**
42	L	M52X2	**Z ML 42**
6	S	M14X1,5	**Z MS 6**
8	S	M16X1,5	**Z MS 8**
10	S	M18X1,5	**Z MS 10**
12	S	M20X1,5	**Z MS 12**
14	S	M22X1,5	**Z MS 14**
16	S	M24X1,5	**Z MS 16**
20	S	M30X2	**Z MS 20**
25	S	M36X2	**Z MS 25**
30	S	M42X2	**Z MS 30**
38	S	M52X2	**Z MS 38**

Anillos de refuerzo

Reinforced ring
Bague de renforcement
Anello di rinforzo



TUBO PIPE	Referencia Part n°	€
4	**Z VHS 4**	*
5	**Z VHS 5**	*
6	**Z VHS 6**	*
7	**Z VHS 7**	*
8	**Z VHS 8**	*
9	**Z VHS 9**	*
10	**Z VHS 10**	*
11	**Z VHS 11**	*
12	**Z VHS 12**	*
13	**Z VHS 13**	*
14	**Z VHS 14**	*
15	**Z VHS 15**	*
16	**Z VHS 16**	*
17	**Z VHS 17**	*
18	**Z VHS 18**	*
19	**Z VHS 19**	*
20	**Z VHS 20**	*
22	**Z VHS 22**	*
24	**Z VHS 24**	*
25	**Z VHS 25**	*
31	**Z VHS 31**	*
33	**Z VHS 33**	*
38	**Z VHS 38**	*

Anillos de corte DIN 3861

Cutting rings DIN 3861
Bague DIN 3861
Anello DIN 3861



TUBO PIPE	SERIE SERIES	Referencia Part n°
4	LL	**Z ACLL 4**
6	LL	**Z ACLL 6**
8	LL	**Z ACLL 8**
6	L/S	**Z ACL 6**
8	L/S	**Z ACL 8**
10	L/S	**Z ACL 10**
12	L/S	**Z ACL 12**
15	L	**Z ACL 15**
18	L	**Z ACL 18**
22	L	**Z ACL 22**
28	L	**Z ACL 28**
35	L	**Z ACL 35**
42	L	**Z ACL 42**
14	S	**Z ACS 14**
16	S	**Z ACS 16**
20	S	**Z ACS 20**
25	S	**Z ACS 25**
30	S	**Z ACS 30**
38	S	**Z ACS 38**

Anillos de corte con junta

Cutting ring with joint
Bague avec joint
Anello tagliente con guarnizione



TUBO PIPE	SERIE SERIES	Referencia Part n°
6	L	**Z ACJL 6**
8	L	**Z ACJL 8**
10	L	**Z ACJL 10**
12	L	**Z ACJL 12**
15	L	**Z ACJL 15**
18	L	**Z ACJL 18**
22	L	**Z ACJL 22**
28	L	**Z ACJL 28**
35	L	**Z ACJL 35**
42	L	**Z ACJL 42**
6	S	**Z ACJS 6**
8	S	**Z ACJS 8**
10	S	**Z ACJS 10**
12	S	**Z ACJS 12**
14	S	**Z ACJS 14**
16	S	**Z ACJS 16**
20	S	**Z ACJS 20**
25	S	**Z ACJS 25**
30	S	**Z ACJS 30**
38	S	**Z ACJS 38**

*__Consultar__ / On request/ __Sur demande__ / Su richiesta

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Anillos de corte con junta ZACJ2

NEW

S.S.Cutting ring with joint ZACJ2

Bague Acier inox avec joint ZACJ2

Anello tagliente con guarnizione ZACJ2



TUBO PIPE	SERIE SERIES	Referencia Part n°
6	L	**Z ACJ2L 6**
8	L	**Z ACJ2L 8**
10	L	**Z ACJ2L 10**
12	L	**Z ACJ2L 12**
15	L	**Z ACJ2L 15**
18	L	**Z ACJ2L 18**
22	L	**Z ACJ2L 22**
28	L	**Z ACJ2L 28**
35	L	**Z ACJ2L 35**
42	L	**Z ACJ2L 42**
6	S	**Z ACJ2S 6**
8	S	**Z ACJ2S 8**
10	S	**Z ACJ2S 10**
12	S	**Z ACJ2S 12**
14	S	**Z ACJ2S 14**
16	S	**Z ACJ2S 16**
20	S	**Z ACJ2S 20**
25	S	**Z ACJ2S 25**
30	S	**Z ACJ2S 30**
38	S	**Z ACJ2S 38**

Tuerca equipada ZACJ2

NEW

ZACJ2 Equipped Nut

Écrou équipé ZACJ2

Dado DIN + guarnizione ZACJ2



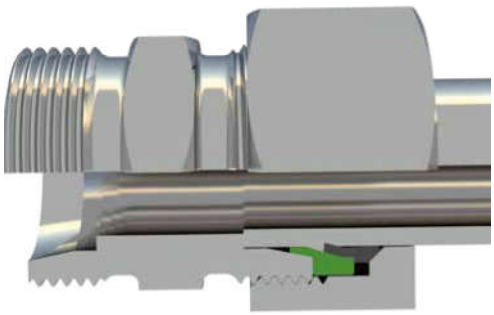
TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	M12X1.5	**Z MJ2L 6**
8	L	M14X1.5	**Z MJ2L 8**
10	L	M16X1.5	**Z MJ2L 10**
12	L	M18X1.5	**Z MJ2L 12**
15	L	M22X1.5	**Z MJ2L 15**
18	L	M26X1.5	**Z MJ2L 18**
22	L	M30X2	**Z MJ2L 22**
28	L	M36X2	**Z MJ2L 28**
35	L	M45X2	**Z MJ2L 35**
42	L	M52X2	**Z MJ2L 42**
6	S	M14X1.5	**Z MJ2S 6**
8	S	M16X1.5	**Z MJ2S 8**
10	S	M18X1.5	**Z MJ2S 10**
12	S	M20X1.5	**Z MJ2S 12**
14	S	M22X1.5	**Z MJ2S 14**
16	S	M24X1.5	**Z MJ2S 16**
20	S	M30X2	**Z MJ2S 20**
25	S	M36X2	**Z MJ2S 25**
30	S	M42X2	**Z MJ2S 30**
38	S	M52X2	**Z MJ2S 38**

PREVENTS LEAKS IN EQUIPMENT SUBJECT TO HIGH VIBRATIONS

EVITA FUGAS EN EQUIPAMIENTOS SOMETIDOS A ALTAS VIBRACIONES



ZACJ2



- **‡ 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 DIN 2353

Racor unión recta tubo - tubo

Straight coupling

Raccord union double

Raccordo intermedio diritto



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
4	LL	Z DLL 4	34,22	---
6	LL	Z DLL 6	30,00	---
8	LL	Z DLL 8	28,95	---
6	L	Z DL 6	16,65	Z STA DL 6
8	L	Z DL 8	17,44	Z STA DL 8
10	L	Z DL 10	19,36	Z STA DL 10
12	L	Z DL 12	21,43	Z STA DL 12
15	L	Z DL 15	30,44	Z STA DL 15
18	L	Z DL 18	36,35	Z STA DL 18
22	L	Z DL 22	48,06	Z STA DL 22
28	L	Z DL 28	70,88	Z STA DL 28
35	L	Z DL 35	111,31	Z STA DL 35
42	L	Z DL 42	176,78	Z STA DL 42
6	S	Z DS 6	19,42	Z STA DS 6
8	S	Z DS 8	20,08	Z STA DS 8
10	S	Z DS 10	25,50	Z STA DS 10
12	S	Z DS 12	29,53	Z STA DS 12
14	S	Z DS 14	37,87	Z STA DS 14
16	S	Z DS 16	37,65	Z STA DS 16
20	S	Z DS 20	56,77	Z STA DS 20
25	S	Z DS 25	115,40	Z STA DS 25
30	S	Z DS 30	142,58	Z STA DS 30
38	S	Z DS 38	194,36	Z STA DS 38

Racor unión en codo tubo - tubo

Equal elbow coupling

Raccord coude égal

Raccordo intermedio a 90°



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
4	LL	Z ELL 4	51,01	---
6	LL	Z ELL 6	45,30	---
8	LL	Z ELL 8	49,13	---
6	L	Z EL 6	27,57	Z STA EL 6
8	L	Z EL 8	28,86	Z STA EL 8
10	L	Z EL 10	32,51	Z STA EL 10
12	L	Z EL 12	35,53	Z STA EL 12
15	L	Z EL 15	46,98	Z STA EL 15
18	L	Z EL 18	62,46	Z STA EL 18
22	L	Z EL 22	86,74	Z STA EL 22
28	L	Z EL 28	127,41	Z STA EL 28
35	L	Z EL 35	202,28	Z STA EL 35
42	L	Z EL 42	316,97	Z STA EL 42
6	S	Z ES 6	31,63	Z STA ES 6
8	S	Z ES 8	34,90	Z STA ES 8
10	S	Z ES 10	37,42	Z STA ES 10
12	S	Z ES 12	41,60	Z STA ES 12
14	S	Z ES 14	52,90	Z STA ES 14
16	S	Z ES 16	59,99	Z STA ES 16
20	S	Z ES 20	89,62	Z STA ES 20
25	S	Z ES 25	159,93	Z STA ES 25
30	S	Z ES 30	222,75	Z STA ES 30
38	S	Z ES 38	317,89	Z STA ES 38

Racor unión recta en reducción tubo - tubo

Straight reducing coupling

Raccord union double en réduction

Raccordo intermedio di riduzione



TUBO PIPE	PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
8	6	L	Z DL 8-6	19,43	Z STA DL 8-6
10	6	L	Z DL 10-6	20,66	Z STA DL 10-6
10	8	L	Z DL 10-8	18,51	Z STA DL 10-8
12	6	L	Z DL 12-6	28,45	Z STA DL 12-6
12	8	L	Z DL 12-8	28,60	Z STA DL 12-8
12	10	L	Z DL 12-10	21,84	Z STA DL 12-10
15	6	L	Z DL 15-6	36,45	Z STA DL 15-6
15	8	L	Z DL 15-8	39,31	Z STA DL 15-8
15	10	L	Z DL 15-10	30,14	Z STA DL 15-10
15	12	L	Z DL 15-12	26,94	Z STA DL 15-12
18	8	L	Z DL 18-8	42,57	Z STA DL 18-8
18	10	L	Z DL 18-10	34,38	Z STA DL 18-10
18	12	L	Z DL 18-12	35,14	Z STA DL 18-12
18	15	L	Z DL 18-15	39,65	Z STA DL 18-15
22	12	L	Z DL 22-12	46,92	Z STA DL 22-12
22	15	L	Z DL 22-15	45,66	Z STA DL 22-15
22	18	L	Z DL 22-18	49,86	Z STA DL 22-18
28	22	L	Z DL 28-22	76,02	Z STA DL 28-22
35	28	L	Z DL 35-28	123,84	Z STA DL 35-28
42	28	L	Z DL 42-28	148,85	Z STA DL 42-28
42	35	L	Z DL 42-35	206,95	Z STA DL 42-35
8	6	S	Z DS 8-6	27,11	Z STA DS 8-6
10	6	S	Z DS 10-6	28,81	Z STA DS 10-6
10	8	S	Z DS 10-8	28,30	Z STA DS 10-8
12	6	S	Z DS 12-6	32,62	Z STA DS 12-6
12	8	S	Z DS 12-8	31,71	Z STA DS 12-8
12	10	S	Z DS 12-10	30,53	Z STA DS 12-10
14	10	S	Z DS 14-10	36,71	Z STA DS 14-10
16	10	S	Z DS 16-10	52,94	Z STA DS 16-10
16	12	S	Z DS 16-12	37,17	Z STA DS 16-12
16	14	S	Z DS 16-14	42,49	Z STA DS 16-14
20	10	S	Z DS 20-10	60,92	Z STA DS 20-10
20	12	S	Z DS 20-12	74,07	Z STA DS 20-12
20	14	S	Z DS 20-14	82,38	Z STA DS 20-14
20	16	S	Z DS 20-16	57,63	Z STA DS 20-16
25	16	S	Z DS 25-16	92,95	Z STA DS 25-16
25	20	S	Z DS 25-20	98,01	Z STA DS 25-20
30	20	S	Z DS 30-20	126,35	Z STA DS 30-20
30	25	S	Z DS 30-25	166,65	Z STA DS 30-25
38	25	S	Z DS 38-25	182,40	Z STA DS 38-25
38	30	S	Z DS 38-30	205,07	Z STA DS 38-30

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor unión en T tubo - tubo

Equal Tee

Raccord Té égal

Raccordo intermedio a T



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
4	LL	Z TLL 4	65,92	---
6	LL	Z TLL 6	66,67	---
8	LL	Z TLL 8	72,82	---
6	L	Z TL 6	35,33	Z STA TL 6
8	L	Z TL 8	38,30	Z STA TL 8
10	L	Z TL 10	41,05	Z STA TL 10
12	L	Z TL 12	45,71	Z STA TL 12
15	L	Z TL 15	63,39	Z STA TL 15
18	L	Z TL 18	82,36	Z STA TL 18
22	L	Z TL 22	114,31	Z STA TL 22
28	L	Z TL 28	170,42	Z STA TL 28
35	L	Z TL 35	296,67	Z STA TL 35
42	L	Z TL 42	417,17	Z STA TL 42
6	S	Z TS 6	44,15	Z STA TS 6
8	S	Z TS 8	45,87	Z STA TS 8
10	S	Z TS 10	51,71	Z STA TS 10
12	S	Z TS 12	60,00	Z STA TS 12
14	S	Z TS 14	76,88	Z STA TS 14
16	S	Z TS 16	82,42	Z STA TS 16
20	S	Z TS 20	119,47	Z STA TS 20
25	S	Z TS 25	226,96	Z STA TS 25
30	S	Z TS 30	328,14	Z STA TS 30
38	S	Z TS 38	466,52	Z STA TS 38

Racor unión en cruz tubo - tubo

Equal cross

Raccord croix égale

Raccordo intermedio a croce



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z KVL 6	70,20	Z STA KVL 6
8	L	Z KVL 8	71,41	Z STA KVL 8
10	L	Z KVL 10	94,35	Z STA KVL 10
12	L	Z KVL 12	91,77	Z STA KVL 12
15	L	Z KVL 15	137,66	Z STA KVL 15
18	L	Z KVL 18	155,70	Z STA KVL 18
22	L	Z KVL 22	192,30	Z STA KVL 22
28	L	Z KVL 28	223,20	Z STA KVL 28
35	L	Z KVL 35	556,50	Z STA KVL 35
42	L	Z KVL 42	798,30	Z STA KVL 42
6	S	Z KVS 6	79,44	Z STA KVS 6
8	S	Z KVS 8	91,10	Z STA KVS 8
10	S	Z KVS 10	118,78	Z STA KVS 10
12	S	Z KVS 12	136,55	Z STA KVS 12
14	S	Z KVS 14	181,21	Z STA KVS 14
16	S	Z KVS 16	196,60	Z STA KVS 16
20	S	Z KVS 20	215,25	Z STA KVS 20
25	S	Z KVS 25	311,62	Z STA KVS 25
30	S	Z KVS 30	419,80	Z STA KVS 30
38	S	Z KVS 38	674,76	Z STA KVS 38

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor recto rosca cilíndrica BSP cono 60°

Straight male stud coupling BSP cyl. 60°

Raccord Union simple mâle gaz cylindrique 60°

Raccordo di estremitá diritto BSP sede 60°



TUBO PIPE	ROSCA THREAD	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	1/8" BSP	L	Z AL 6 RC 1/8	11,26	Z STA AL 6 RC 1/8
6	1/4" BSP	L	Z AL 6 RC 1/4	16,84	Z STA AL 6 RC 1/4
6	3/8" BSP	L	Z AL 6 RC 3/8	25,81	Z STA AL 6 RC 3/8
6	1/2" BSP	L	Z AL 6 RC 1/2	36,27	Z STA AL 6 RC 1/2
8	1/8" BSP	L	Z AL 8 RC 1/8	16,47	Z STA AL 8 RC 1/8
8	1/4" BSP	L	Z AL 8 RC 1/4	15,09	Z STA AL 8 RC 1/4
8	3/8" BSP	L	Z AL 8 RC 3/8	18,52	Z STA AL 8 RC 3/8
8	1/2" BSP	L	Z AL 8 RC 1/2	29,89	Z STA AL 8 RC 1/2
10	1/8" BSP	L	Z AL 10 RC 1/8	18,15	Z STA AL 10 RC 1/8
10	1/4" BSP	L	Z AL 10 RC 1/4	14,74	Z STA AL 10 RC 1/4
10	3/8" BSP	L	Z AL 10 RC 3/8	17,66	Z STA AL 10 RC 3/8
10	1/2" BSP	L	Z AL 10 RC 1/2	23,66	Z STA AL 10 RC 1/2
12	1/4" BSP	L	Z AL 12 RC 1/4	17,47	Z STA AL 12 RC 1/4
12	3/8" BSP	L	Z AL 12 RC 3/8	17,37	Z STA AL 12 RC 3/8
12	1/2" BSP	L	Z AL 12 RC 1/2	22,40	Z STA AL 12 RC 1/2
15	3/8" BSP	L	Z AL 15 RC 3/8	24,00	Z STA AL 15 RC 3/8
15	1/2" BSP	L	Z AL 15 RC 1/2	25,81	Z STA AL 15 RC 1/2
15	3/4" BSP	L	Z AL 15 RC 3/4	34,75	Z STA AL 15 RC 3/4
18	1/2" BSP	L	Z AL 18 RC 1/2	31,01	Z STA AL 18 RC 1/2
18	3/4" BSP	L	Z AL 18 RC 3/4	33,41	Z STA AL 18 RC 3/4
18	3/8"BSP	L	Z AL 18 RC 3/8	34,64	Z STA AL 18 RC 3/8
22	3/8"BSP	L	Z AL 22 RC 3/8	42,32	Z STA AL 22 RC 3/8
22	1/2" BSP	L	Z AL 22 RC 1/2	41,47	Z STA AL 22 RC 1/2
22	3/4" BSP	L	Z AL 22 RC 3/4	37,70	Z STA AL 22 RC 3/4
22	1" BSP	L	Z AL 22 RC 1	51,45	Z STA AL 22 RC 1
28	3/4" BSP	L	Z AL 28 RC 3/4	50,05	Z STA AL 28 RC 3/4
28	1" BSP	L	Z AL 28 RC 1	53,87	Z STA AL 28 RC 1
35	1"1/4 BSP	L	Z AL 35 RC 1 1/4	98,85	Z STA AL 35 RC 1 1/4
35	1"1/2 BSP	L	Z AL 35 RC 1 1/2	96,01	Z STA AL 35 RC 1 1/2
42	1" 1/4 BSP	L	Z AL 42 RC 1 1/4	131,87	Z STA AL 42 RC 1 1/4
42	1"1/2 BSP	L	Z AL 42 RC 1 1/2	119,19	Z STA AL 42 RC 1 1/2
6	1/4" BSP	S	Z AS 6 RC 1/4	23,79	Z STA AS 6 RC 1/4
6	3/8" BSP	S	Z AS 6 RC 3/8	22,56	Z STA AS 6 RC 3/8
8	1/4" BSP	S	Z AS 8 RC 1/4	17,21	Z STA AS 8 RC 1/4
8	3/8" BSP	S	Z AS 8 RC 3/8	20,69	Z STA AS 8 RC 3/8
8	1/2" BSP	S	Z AS 8 RC 1/2	32,20	Z STA AS 8 RC 1/2
10	1/4" BSP	S	Z AS 10 RC 1/4	17,56	Z STA AS 10 RC 1/4
10	3/8" BSP	S	Z AS 10 RC 3/8	25,56	Z STA AS 10 RC 3/8
10	1/2" BSP	S	Z AS 10 RC 1/2	31,86	Z STA AS 10 RC 1/2
12	1/4" BSP	S	Z AS 12 RC 1/4	23,43	Z STA AS 12 RC 1/4
12	3/8" BSP	S	Z AS 12 RC 3/8	23,24	Z STA AS 12 RC 3/8
12	1/2" BSP	S	Z AS 12 RC 1/2	26,96	Z STA AS 12 RC 1/2
14	3/8" BSP	S	Z AS 14 RC 3/8	35,37	Z STA AS 14 RC 3/8
14	1/2" BSP	S	Z AS 14 RC 1/2	33,84	Z STA AS 14 RC 1/2
16	3/8" BSP	S	Z AS 16 RC 3/8	32,20	Z STA AS 16 RC 3/8
16	1/2" BSP	S	Z AS 16 RC 1/2	28,28	Z STA AS 16 RC 1/2
16	3/4" BSP	S	Z AS 16 RC 3/4	40,80	Z STA AS 16 RC 3/4
20	3/8" BSP	S	Z AS 20 RC 3/8	44,83	Z STA AS 20 RC 3/8
20	1/2" BSP	S	Z AS 20 RC 1/2	40,51	Z STA AS 20 RC 1/2
20	3/4" BSP	S	Z AS 20 RC 3/4	45,28	Z STA AS 20 RC 3/4
20	1" BSP	S	Z AS 20 RC 1	60,82	Z STA AS 20 RC 1
25	3/4" BSP	S	Z AS 25 RC 3/4	75,39	Z STA AS 25 RC 3/4
25	1" BSP	S	Z AS 25 RC 1	77,91	Z STA AS 25 RC 1
25	1" 1/4 BSP	S	Z AS 25 RC 1 1/4	106,70	Z STA AS 25 RC 1 1/4
30	1" BSP	S	Z AS 30 RC 1	107,41	Z STA AS 30 RC 1
30	1"1/4 BSP	S	Z AS 30 RC 1 1/4	124,52	Z STA AS 30 RC 1 1/4
30	1"1/2 BSP	S	Z AS 30 RC 1 1/2	113,80	Z STA AS 30 RC 1 1/2
38	1"1/4 BSP	S	Z AS 38 RC 1 1/4	143,94	Z STA AS 38 RC 1 1/4
38	1"1/2 BSP	S	Z AS 38 RC 1 1/2	148,72	Z STA AS 38 RC 1 1/2

Racor recto rosca cilíndrica BSP con junta

Straight male stud coupling BSP cylindrical with captive seal

Raccord union simple mâle gaz cylindrique avec joint plat

Raccordo di estremitá diritto BSP con guarnizione



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	1/8"BSP	Z AL 6 R 1/8WD	14,09	Z STA AL 6 R 1/8WD
6	L	1/4"BSP	Z AL 6 R 1/4WD	17,15	Z STA AL 6 R 1/4WD
6	L	3/8"BSP	Z AL 6 R 3/8WD	18,45	Z STA AL 6 R 3/8WD
8	L	1/8"BSP	Z AL 8 R 1/8WD	15,20	Z STA AL 8 R 1/8WD
8	L	1/4"BSP	Z AL 8 R 1/4WD	15,31	Z STA AL 8 R 1/4WD
8	L	3/8"BSP	Z AL 8 R 3/8WD	19,08	Z STA AL 8 R 3/8WD
8	L	1/2"BSP	Z AL 8 R 1/2WD	22,46	Z STA AL 8 R 1/2WD
10	L	1/8"BSP	Z AL 10 R 1/8WD	19,10	Z STA AL 10 R 1/8WD
10	L	1/4"BSP	Z AL 10 R 1/4WD	15,83	Z STA AL 10 R 1/4WD
10	L	3/8"BSP	Z AL 10 R 3/8WD	19,22	Z STA AL 10 R 3/8WD
10	L	1/2"BSP	Z AL 10 R 1/2WD	23,91	Z STA AL 10 R 1/2WD
12	L	1/4"BSP	Z AL 12 R 1/4WD	18,81	Z STA AL 12 R 1/4WD
12	L	3/8"BSP	Z AL 12 R 3/8WD	18,63	Z STA AL 12 R 3/8WD
12	L	1/2"BSP	Z AL 12 R 1/2WD	22,88	Z STA AL 12 R 1/2WD
15	L	3/8"BSP	Z AL 15 R 3/8WD	26,18	Z STA AL 15 R 3/8WD
15	L	1/2"BSP	Z AL 15 R 1/2WD	25,47	Z STA AL 15 R 1/2WD
15	L	3/4"BSP	Z AL 15 R 3/4WD	33,80	Z STA AL 15 R 3/4WD
18	L	3/8"BSP	Z AL 18 R 3/8WD	37,46	Z STA AL 18 R 3/8WD
18	L	1/2"BSP	Z AL 18 R 1/2WD	28,75	Z STA AL 18 R 1/2WD
18	L	3/4"BSP	Z AL 18 R 3/4WD	35,50	Z STA AL 18 R 3/4WD
22	L	1/2"BSP	Z AL 22 R 1/2WD	40,38	Z STA AL 22 R 1/2WD
22	L	3/4"BSP	Z AL 22 R 3/4WD	35,80	Z STA AL 22 R 3/4WD
22	L	1"BSP	Z AL 22 R 1WD	50,00	Z STA AL 22 R 1WD
28	L	3/4"BSP	Z AL 28 R 3/4WD	56,16	Z STA AL 28 R 3/4WD
28	L	1"BSP	Z AL 28 R 1WD	56,05	Z STA AL 28 R 1WD
35	L	1"BSP	Z AL 35 R 1WD	90,22	Z STA AL 35 R 1WD
35	L	1"1/4BSP	Z AL 35 R 1 1/4WD	95,71	Z STA AL 35 R 1 1/4WD
42	L	1"1/4BSP	Z AL 42 R 1 1/4WD	161,04	Z STA AL 42 R 1 1/4WD
42	L	1"1/2BSP	Z AL 42 R 1 1/2WD	127,17	Z STA AL 42 R 1 1/2WD
6	S	1/4"BSP	Z AS 6 R 1/4WD	20,40	Z STA AS 6 R 1/4WD
8	S	1/4"BSP	Z AS 8 R 1/4WD	20,22	Z STA AS 8 R 1/4WD
8	S	3/8"BSP	Z AS 8 R 3/8WD	22,22	Z STA AS 8 R 3/8WD
8	S	1/2"BSP	Z AS 8 R 1/2WD	27,30	Z STA AS 8 R 1/2WD
10	S	1/4"BSP	Z AS 10 R 1/4WD	20,96	Z STA AS 10 R 1/4WD
10	S	3/8"BSP	Z AS 10 R 3/8WD	24,17	Z STA AS 10 R 3/8WD
10	S	1/2"BSP	Z AS 10 R 1/2WD	31,58	Z STA AS 10 R 1/2WD
12	S	1/4"BSP	Z AS 12 R 1/4WD	26,55	Z STA AS 12 R 1/4WD
12	S	3/8"BSP	Z AS 12 R 3/8WD	23,39	Z STA AS 12 R 3/8WD
12	S	1/2"BSP	Z AS 12 R 1/2WD	29,64	Z STA AS 12 R 1/2WD
14	S	3/8"BSP	Z AS 14 R 3/8WD	36,07	Z STA AS 14 R 3/8WD
14	S	1/2"BSP	Z AS 14 R 1/2WD	32,72	Z STA AS 14 R 1/2WD
16	S	3/8"BSP	Z AS 16 R 3/8WD	30,82	Z STA AS 16 R 3/8WD
16	S	1/2"BSP	Z AS 16 R 1/2WD	29,97	Z STA AS 16 R 1/2WD
16	S	3/4"BSP	Z AS 16 R 3/4WD	37,64	Z STA AS 16 R 3/4WD
20	S	1/2"BSP	Z AS 20 R 1/2WD	43,90	Z STA AS 20 R 1/2WD
20	S	3/4"BSP	Z AS 20 R 3/4WD	42,05	Z STA AS 20 R 3/4WD
25	S	3/4" BSP	Z AS 25 R 3/4WD	80,94	Z STA AS 25 R 3/4WD
25	S	1"BSP	Z AS 25 R 1WD	83,69	Z STA AS 25 R 1WD
25	S	1"1/4BSP	Z AS 25 R 1 1/4WD	107,85	Z STA AS 25 R 1 1/4WD
30	S	1"BSP	Z AS 30 R 1WD	91,25	Z STA AS 30 R 1WD
30	S	1"1/4 BSP	Z AS 30 R 1 1/4WD	114,29	Z STA AS 30 R 1 1/4WD
30	S	1"1/2BSP	Z AS 30 R 1 1/2WD	161,62	Z STA AS 30 R 1 1/2WD
38	S	1"1/4BSP	Z AS 38 R 1 1/4WD	151,20	Z STA AS 38 R 1 1/4WD
38	S	1"1/2BSP	Z AS 38 R 1 1/2WD	141,79	Z STA AS 38 R 1 1/2WD

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor recto rosca cilíndrica BSP

Straight male stud coupling BSP cylindrical
Raccord union simple gaz cylindrique mâle
Raccordo di estremitá diritto BSP



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	LL	1/8" BSP	Z ALL 6 R 1/8	14,51	---
10	L	1/8" BSP	Z AL 10 R 1/8	14,80	---
15	L	3/4" BSP	Z AL 15 R 3/4	29,11	---
6	S	1/4" BSP	Z AS 6 R 1/4	18,51	Z STA AS 6 R 1/4
8	S	1/4" BSP	Z AS 8 R 1/4	15,10	Z STA AS 8 R 1/4
8	S	1/2" BSP	Z AS 8 R 1/2	27,25	---
10	S	1/4" BSP	Z AS 10 R 1/4	16,99	Z STA AS 10 R 1/4
10	S	3/8" BSP	Z AS 10 R 3/8	17,40	Z STA AS 10 R 3/8
38	S	1"1/4 BSP	Z AS 38 R 1 1/4	127,89	Z STA AS 38 R 1 1/4

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

Racor recto rosca cilíndrica Métrica con junta

Straight male stud coupling Metric cylindrical with captive seal
Raccord union simple mâle cylindrique Métrique avec joint plat
Raccordo di estremitá diritto Metrico con guarnizione



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	M10x1	Z AL 6 M 10X1 WD	12,70	Z STA AL 6 M 10X1 WD
8	L	M12x1.5	Z AL 8 M 12X1.5 WD	16,81	Z STA AL 8 M 12X1.5 WD
10	L	M12x1.5	Z AL 10 M 12X1.5 WD	27,86	Z STA AL 10 M 12X1.5 WD
10	L	M14x1.5	Z AL 10 M 14X1.5 WD	20,20	Z STA AL 10 M 14X1.5 WD
10	L	M16x1.5	Z AL 10 M 16X1.5 WD	22,62	Z STA AL 10 M 16X1.5 WD
12	L	M16x1.5	Z AL 12 M 16X1.5 WD	22,73	Z STA AL 12 M 16X1.5 WD
12	L	M18x1.5	Z AL 12 M 18X1.5 WD	23,67	Z STA AL 12 M 18X1.5 WD
12	L	M22x1.5	Z AL 12 M 22X1.5 WD	30,75	Z STA AL 12 M 22X1.5 WD
15	L	M18x1.5	Z AL 15 M 18X1.5 WD	33,13	Z STA AL 15 M 18X1.5 WD
18	L	M22x1.5	Z AL 18 M 22X1.5 WD	35,79	Z STA AL 18 M 22X1.5 WD
22	L	M26x1.5	Z AL 22 M 26X1.5 WD	43,43	Z STA AL 22 M 26X1.5 WD
28	L	M33x2	Z AL 28 M 33X2 WD	58,27	Z STA AL 28 M 33X2 WD
35	L	M42x2	Z AL 35 M 42X2 WD	129,80	Z STA AL 35 M 42X2 WD
42	L	M48x2	Z AL 42 M 48X2 WD	192,60	Z STA AL 42 M 48X2 WD
6	S	M12x1.5	Z AS 6 M 12X1.5 WD	28,37	Z STA AS 6 M 12X1.5 WD
6	S	M14x1.5	Z AS 6 M 14X1.5 WD	28,56	Z STA AS 6 M 14X1.5 WD
8	S	M14x1.5	Z AS 8 M 14X1.5 WD	30,05	Z STA AS 8 M 14X1.5 WD
10	S	M16x1.5	Z AS 10 M 16X1.5 WD	33,45	Z STA AS 10 M 16X1.5 WD
12	S	M14x1.5	Z AS 12 M 14X1.5 WD	27,63	Z STA AS 12 M 14X1.5 WD
12	S	M18x1.5	Z AS 12 M 18X1.5 WD	26,78	Z STA AS 12 M 18X1.5 WD
14	S	M20x1.5	Z AS 14 M 20X1.5 WD	44,97	Z STA AS 14 M 20X1.5 WD
16	S	M22x1.5	Z AS 16 M 22X1.5 WD	36,54	Z STA AS 16 M 22X1.5 WD
20	S	M27x2	Z AS 20 M 27X2 WD	46,21	Z STA AS 20 M 27X2 WD
25	S	M33x2	Z AS 25 M 33X2 WD	100,79	Z STA AS 25 M 33X2 WD
30	S	M42x2	Z AS 30 M 42X2 WD	140,62	Z STA AS 30 M 42X2 WD
38	S	M48x2	Z AS 38 M 48X2 WD	209,60	Z STA AS 38 M 48X2 WD

Racor recto rosca UNF

Straight male stud coupling UNF
Raccord union simple mâle UNF
Raccordo di estremitá diritto UNF



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
8	L	7/16" UNF	Z AL 8 7/16 UNF	23,49	Z STA AL 8 7/16 UNF
10	L	7/16" UNF	Z AL 10 7/16 UNF	24,40	Z STA AL 10 7/16 UNF
12	L	3/4" UNF	Z AL 12 3/4 UNF	25,60	Z STA AL 12 3/4 UNF
12	L	9/16" UNF	Z AL 12 9/16 UNF	23,07	Z STA AL 12 9/16 UNF
15	L	3/4" UNF	Z AL 15 3/4 UNF	34,73	Z STA AL 15 3/4 UNF
18	L	7/8" UNF	Z AL 18 7/8 UNF	34,84	Z STA AL 18 7/8 UNF
22	L	1" 1/16 UNF	Z AL 22 1 1/16 UNF	42,93	Z STA AL 22 1 1/16 UNF
28	L	1" 5/16 UNF	Z AL 28 1 5/16 UNF	62,40	Z STA AL 28 1 5/16 UNF
35	L	1" 5/8 UNF	Z AL 35 1 5/8 UNF	110,77	Z STA AL 35 1 5/8 UNF
8	S	7/16" UNF	Z AS 8 7/16 UNF	22,54	Z STA AS 8 7/16 UNF
10	S	9/16" UNF	Z AS 10 9/16 UNF	25,70	Z STA AS 10 9/16 UNF
12	S	9/16" UNF	Z AS 12 9/16 UNF	26,65	Z STA AS 12 9/16 UNF
16	S	3/4" UNF	Z AS 16 3/4 UNF	37,75	Z STA AS 16 3/4 UNF
20	S	7/8" UNF	Z AS 20 7/8 UNF	51,81	Z STA AS 20 7/8 UNF
20	S	1" 1/16 UNF	Z AS 20 1 1/16 UNF	54,37	Z STA AS 20 1 1/16 UNF
25	S	1" 5/16 UNF	Z AS 25 1 5/16 UNF	92,51	Z STA AS 25 1 5/16 UNF
30	S	1" 5/16 UNF	Z AS 30 1 5/16 UNF	112,13	Z STA AS 30 1 5/16 UNF
38	S	1" 5/8 UNF	Z AS 38 1 5/8 UNF	185,51	Z STA AS 38 1 5/8 UNF

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor recto rosca cónica NPT

Straight male stud coupling NPT

Raccord union simple mâle NPT

Raccordo di estremitá diritto conico NPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	1/8"NPT	Z AKL 6 1/8 NPT	13,90	Z STA AKL 6 1/8 NPT
6	L	1/4"NPT	Z AKL 6 1/4 NPT	18,64	Z STA AKL 6 1/4 NPT
6	L	3/8"NPT	Z AKL 6 3/8 NPT	24,23	Z STA AKL 6 3/8 NPT
8	L	1/8"NPT	Z AKL 8 1/8 NPT	14,67	Z STA AKL 8 1/8 NPT
8	L	1/4"NPT	Z AKL 8 1/4 NPT	15,50	Z STA AKL 8 1/4 NPT
8	L	3/8"NPT	Z AKL 8 3/8 NPT	17,77	Z STA AKL 8 3/8 NPT
8	L	1/2"NPT	Z AKL 8 1/2 NPT	21,54	Z STA AKL 8 1/2 NPT
10	L	1/4"NPT	Z AKL 10 1/4 NPT	16,16	Z STA AKL 10 1/4 NPT
10	L	3/8"NPT	Z AKL 10 3/8 NPT	17,63	Z STA AKL 10 3/8 NPT
10	L	1/2"NPT	Z AKL 10 1/2 NPT	24,03	Z STA AKL 10 1/2 NPT
12	L	1/4"NPT	Z AKL 12 1/4 NPT	19,96	Z STA AKL 12 1/4 NPT
12	L	3/8"NPT	Z AKL 12 3/8 NPT	20,30	Z STA AKL 12 3/8 NPT
12	L	1/2"NPT	Z AKL 12 1/2 NPT	21,87	Z STA AKL 12 1/2 NPT
15	L	3/8"NPT	Z AKL 15 3/8 NPT	28,02	Z STA AKL 15 3/8 NPT
15	L	1/2"NPT	Z AKL 15 1/2 NPT	29,09	Z STA AKL 15 1/2 NPT
18	L	1/2"NPT	Z AKL 18 1/2 NPT	35,39	Z STA AKL 18 1/2 NPT
18	L	3/4"NPT	Z AKL 18 3/4 NPT	38,11	Z STA AKL 18 3/4 NPT
22	L	3/4"NPT	Z AKL 22 3/4 NPT	40,39	Z STA AKL 22 3/4 NPT
28	L	1"NPT	Z AKL 28 1 NPT	62,15	Z STA AKL 28 1 NPT
35	L	1"1/4NPT	Z AKL 35 1 1/4 NPT	82,54	Z STA AKL 35 1 1/4 NPT
42	L	1"1/2NPT	Z AKL 42 1 1/2 NPT	129,56	Z STA AKL 42 1 1/2 NPT
6	S	1/8"NPT	Z AKS 6 1/8 NPT	20,66	Z STA AKS 6 1/8 NPT
6	S	1/4"NPT	Z AKS 6 1/4 NPT	20,96	Z STA AKS 6 1/4 NPT
6	S	3/8"NPT	Z AKS 6 3/8 NPT	26,01	Z STA AKS 6 3/8 NPT
8	S	1/4"NPT	Z AKS 8 1/4 NPT	18,16	Z STA AKS 8 1/4 NPT
8	S	3/8"NPT	Z AKS 8 3/8 NPT	28,16	Z STA AKS 8 3/8 NPT
8	S	1/2"NPT	Z AKS 8 1/2 NPT	29,42	Z STA AKS 8 1/2 NPT
10	S	1/4"NPT	Z AKS 10 1/4 NPT	21,57	Z STA AKS 10 1/4 NPT
10	S	3/8"NPT	Z AKS 10 3/8 NPT	21,22	Z STA AKS 10 3/8 NPT
10	S	1/2"NPT	Z AKS 10 1/2 NPT	33,10	Z STA AKS 10 1/2 NPT
12	S	1/4"NPT	Z AKS 12 1/4 NPT	28,30	Z STA AKS 12 1/4 NPT
12	S	3/8"NPT	Z AKS 12 3/8 NPT	25,90	Z STA AKS 12 3/8 NPT
12	S	1/2"NPT	Z AKS 12 1/2 NPT	26,78	Z STA AKS 12 1/2 NPT
14	S	1/2"NPT	Z AKS 14 1/2 NPT	34,63	Z STA AKS 14 1/2 NPT
16	S	1/2"NPT	Z AKS 16 1/2 NPT	36,25	Z STA AKS 16 1/2 NPT
16	S	3/4"NPT	Z AKS 16 3/4 NPT	58,45	Z STA AKS 16 3/4 NPT
20	S	1/2"NPT	Z AKS 20 1/2 NPT	43,91	Z STA AKS 20 1/2 NPT
20	S	3/4"NPT	Z AKS 20 3/4 NPT	58,20	Z STA AKS 20 3/4 NPT
20	S	1"NPT	Z AKS 20 1 NPT	62,11	Z STA AKS 20 1 NPT
25	S	3/4"NPT	Z AKS 25 3/4 NPT	85,50	Z STA AKS 25 3/4 NPT
25	S	1"NPT	Z AKS 25 1 NPT	83,02	Z STA AKS 25 1 NPT
30	S	1"NPT	Z AKS 30 1 NPT	115,34	Z STA AKS 30 1 NPT
30	S	1"1/4NPT	Z AKS 30 1 1/4 NPT	117,16	Z STA AKS 30 1 1/4 NPT
38	S	1"1/2NPT	Z AKS 38 1 1/2 NPT	150,23	Z STA AKS 38 1 1/2 NPT

Racor recto rosca cónica BSPT

Straight male stud coupling BSPT

Raccord union simple mâle conique

Raccordo di estremitá diritto conico BSPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	LL	1/8" BSPT	Z AKLL 6 R 1/8	*	---
8	LL	1/8" BSPT	Z AKLL 8 R 1/8	*	---
6	L	1/8" BSPT	Z AKL 6 R 1/8	13,26	Z STA AKL 6 R 1/8
6	L	1/4" BSPT	Z AKL 6 R 1/4	14,75	Z STA AKL 6 R 1/4
8	L	1/8" BSPT	Z AKL 8 R 1/8	16,38	Z STA AKL 8 R 1/8
8	L	1/4" BSPT	Z AKL 8 R 1/4	15,33	Z STA AKL 8 R 1/4
6	L	3/8" BSPT	Z AKL 6 R 3/8	21,87	Z STA AKL 6 R 3/8
8	L	3/8" BSPT	Z AKL 8 R 3/8	18,53	Z STA AKL 8 R 3/8
10	L	1/4" BSPT	Z AKL 10 R 1/4	15,67	Z STA AKL 10 R 1/4
10	L	3/8" BSPT	Z AKL 10 R 3/8	15,29	Z STA AKL 10 R 3/8
10	L	1/2" BSPT	Z AKL 10 R 1/2	20,21	Z STA AKL 10 R 1/2
12	L	1/4" BSPT	Z AKL 12 R 1/4	18,23	Z STA AKL 12 R 1/4
12	L	3/8" BSPT	Z AKL 12 R 3/8	18,35	Z STA AKL 12 R 3/8
12	L	1/2" BSPT	Z AKL 12 R 1/2	20,75	Z STA AKL 12 R 1/2
15	L	3/8" BSPT	Z AKL 15 R 3/8	27,05	Z STA AKL 15 R 3/8
15	L	1/2" BSPT	Z AKL 15 R 1/2	25,18	Z STA AKL 15 R 1/2
18	L	1/2" BSPT	Z AKL 18 R 1/2	29,29	Z STA AKL 18 R 1/2
22	L	3/4" BSPT	Z AKL 22 R 3/4	37,54	Z STA AKL 22 R 3/4
28	L	1" BSPT	Z AKL 28 R 1	62,40	Z STA AKL 28 R 1
35	L	1"1/4 BSPT	Z AKL 35 R 1 1/4	83,00	Z STA AKL 35 R 1 1/4
42	L	1"1/4 BSPT	Z AKL 42 R 1 1/4	121,15	Z STA AKL 42 R 1 1/4
6	S	1/4" BSPT	Z AKS 6 R 1/4	17,81	Z STA AKS 6 R 1/4
8	S	1/4" BSPT	Z AKS 8 R 1/4	17,18	Z STA AKS 8 R 1/4
10	S	3/8" BSPT	Z AKS 10 R 3/8	30,40	Z STA AKS 10 R 3/8
14	S	1/2" BSPT	Z AKS 14 R 1/2	55,22	Z STA AKS 14 R 1/2
16	S	1/2" BSPT	Z AKS 16 R 1/2	33,98	Z STA AKS 16 R 1/2
20	S	3/4" BSPT	Z AKS 20 R 3/4	48,26	Z STA AKS 20 R 3/4
25	S	1" BSPT	Z AKS 25 R 1	84,33	Z STA AKS 25 R 1
30	S	1"1/4 BSPT	Z AKS 30 R 1 1/4	202,69	Z STA AKS 30 R 1 1/4 1

Racor recto rosca cónica Métrica

Straight male stud coupling Metric

Raccord union simple mâle Métrique conique

Raccordo di estremitá diritto Metrico conico



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	LL	M10X1	Z AKLL 6 M10X1
6	L	M10X1	Z AKL 6 M 10X1
8	L	M12X1.5	Z AKL 8 M 12X1.5
10	L	M14X1.5	Z AKL 10 M 14X1.5
12	L	M16X1.5	Z AKL 12 M 16X1.5
15	L	M18X1.5	Z AKL 15 M 18X1.5
18	L	M22X1.5	Z AKL 18 M 22X1.5
22	L	M26X1.5	Z AKL 22 M 26X1.5

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor en codo rosca cónica BSPT

Male stud elbow BSPT

Raccord union coude mâle gaz conique

Raccordo di estremitá 90° conico BSPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	LL	1/8" BSPT	Z CKLL 6 R 1/8	21,67	---
6	L	1/8" BSPT	Z CKL 6 R 1/8	18,98	Z STA CKL 6 R 1/8
6	L	1/4" BSPT	Z CKL 6 R 1/4	18,49	Z STA CKL 6 R 1/4
8	L	1/8" BSPT	Z CKL 8 R 1/8	22,12	Z STA CKL 8 R 1/8
8	L	1/4" BSPT	Z CKL 8 R 1/4	21,17	Z STA CKL 8 R 1/4
8	L	3/8" BSPT	Z CKL 8 R 3/8	27,70	Z STA CKL 8 R 3/8
8	L	1/2" BSPT	Z CKL 8 R 1/2	36,42	Z STA CKL 8 R 1/2
10	L	1/8" BSPT	Z CKL 10 R 1/8	32,59	Z STA CKL 10 R 1/8
10	L	1/4" BSPT	Z CKL 10 R 1/4	22,52	Z STA CKL 10 R 1/4
10	L	3/8" BSPT	Z CKL 10 R 3/8	26,77	Z STA CKL 10 R 3/8
10	L	1/2" BSPT	Z CKL 10 R 1/2	26,55	Z STA CKL 10 R 1/2
12	L	1/4" BSPT	Z CKL 12 R 1/4	26,48	Z STA CKL 12 R 1/4
12	L	3/8" BSPT	Z CKL 12 R 3/8	27,28	Z STA CKL 12 R 3/8
12	L	1/2" BSPT	Z CKL 12 R 1/2	32,50	Z STA CKL 12 R 1/2
15	L	3/8" BSPT	Z CKL 15 R 3/8	45,30	Z STA CKL 15 R 3/8
15	L	1/2" BSPT	Z CKL 15 R 1/2	37,51	Z STA CKL 15 R 1/2
18	L	1/2" BSPT	Z CKL 18 R 1/2	47,43	Z STA CKL 18 R 1/2
22	L	3/4" BSPT	Z CKL 22 R 3/4	80,74	Z STA CKL 22 R 3/4
28	L	1" BSPT	Z CKL 28 R 1	160,44	Z STA CKL 28 R 1
35	L	1"1/4 BSPT	Z CKL 35 R 1 1/4	278,98	Z STA CKL 35 R 1 1/4
6	S	1/4" BSPT	Z CKS 6 R 1/4	26,20	Z STA CKS 6 R 1/4
8	S	1/4" BSPT	Z CKS 8 R 1/4	28,72	Z STA CKS 8 R 1/4
8	S	3/8" BSPT	Z CKS 8 R 3/8*	48,25	---
8	S	1/2" BSPT	Z CKS 8 R 1/2	34,51	Z STA CKS 8 R 1/2
10	S	1/4" BSPT	Z CKS 10 R 1/4	36,98	Z STA CKS 10 R 1/4
10	S	3/8" BSPT	Z CKS 10 R 3/8	32,03	Z STA CKS 10 R 3/8
10	S	1/2" BSPT	Z CKS 10 R 1/2*	50,89	---
12	S	3/8" BSPT	Z CKS 12 R 3/8	37,78	Z STA CKS 12 R 3/8
14	S	1/2" BSPT	Z CKS 14 R 1/2	46,63	Z STA CKS 14 R 1/2
16	S	1/2" BSPT	Z CKS 16 R 1/2	55,56	Z STA CKS 16 R 1/2
20	S	3/4" BSPT	Z CKS 20 R 3/4	86,33	Z STA CKS 20 R 3/4
25	S	1" BSPT	Z CKS 25 R 1	158,60	Z STA CKS 25 R 1
30	S	1"1/4 BSPT	Z CKS 30 R 1 1/4	309,05	Z STA CKS 30 R 1 1/4
38	S	1"1/2 BSPT	Z CKS 38 R 1 1/2	413,96	Z STA CKS 38 R 1 1/2

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

Racor en codo orientable BSP

90° Adjustable male stud elbow BSP

Coude orientable mâle BSP

Raccordo di estemità 90° orientabile BSP



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	1/8" BSP	Z WEE 6L R 1/8	24,15	Z STA WEE 6L R 1/8
8	L	1/4" BSP	Z WEE 8L R 1/4	33,35	Z STA WEE 8L R 1/4
10	L	1/4" BSP	Z WEE 10L R 1/4	35,88	Z STA WEE 10L R 1/4
12	L	3/8" BSP	Z WEE 12L R 3/8	47,64	Z STA WEE 12L R 3/8
15	L	1/2" BSP	Z WEE 15L R 1/2	88,92	Z STA WEE 15L R 1/2
18	L	1/2" BSP	Z WEE 18L R 1/2	93,97	Z STA WEE 18L R 1/2
22	L	3/4" BSP	Z WEE 22L R 3/4	147,68	Z STA WEE 22L R 3/4
6	S	1/4" BSP	Z WEE 6S R 1/4	27,26	Z STA WEE 6S R 1/4
8	S	1/4" BSP	Z WEE 8S R 1/4	38,29	Z STA WEE 8S R 1/4
10	S	3/8" BSP	Z WEE 10S R 3/8	51,97	Z STA WEE 10S R 3/8
12	S	3/8" BSP	Z WEE 12S R 3/8	63,25	Z STA WEE 12S R 3/8
16	S	1/2" BSP	Z WEE 16S R 1/2	102,38	Z STA WEE 16S R 1/2
20	S	3/4" BSP	Z WEE 20S R 3/4	125,52	Z STA WEE 20S R 3/4
25	S	1" BSP	Z WEE 25S R 1	241,76	Z STA WEE 25S R 1

Racor en codo rosca cónica NPT

Male stud elbow NPT

Raccord union coude mâle NPT

Raccordo di estremitá 90° conico NPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	1/8" NPT	Z CKL 6 1/8 NPT	20,51	Z STA CKL 6 1/8 NPT
6	L	1/4" NPT	Z CKL 6 1/4 NPT	21,00	Z STA CKL 6 1/4 NPT
8	L	1/4" NPT	Z CKL 8 1/4 NPT	23,14	Z STA CKL 8 1/4 NPT
10	L	1/4" NPT	Z CKL 10 1/4 NPT	24,24	Z STA CKL 10 1/4 NPT
12	L	1/4" NPT	Z CKL 12 1/4 NPT	31,80	Z STA CKL 12 1/4 NPT
12	L	3/8" NPT	Z CKL 12 3/8 NPT	36,10	Z STA CKL 12 3/8 NPT
12	L	1/2" NPT	Z CKL 12 1/2 NPT	35,54	Z STA CKL 12 1/2 NPT
15	L	1/2" NPT	Z CKL 15 1/2 NPT	39,74	Z STA CKL 15 1/2 NPT
18	L	1/2" NPT	Z CKL 18 1/2 NPT	89,83	Z STA CKL 18 1/2 NPT
22	L	3/4" NPT	Z CKL 22 3/4 NPT	105,73	Z STA CKL 22 3/4 NPT
28	L	1" NPT	Z CKL 28 1 NPT	112,64	Z STA CKL 28 1 NPT
35	L	1"1/4 NPT	Z CKL 35 1 1/4 NPT	330,06	Z STA CKL 35 1 1/4 NPT
42	L	1"1/2 NPT	Z CKL 42 1 1/2 NPT	426,58	Z STA CKL 42 1 1/2 NPT
6	S	1/4" NPT	Z CKS 6 1/4 NPT	26,80	Z STA CKS 6 1/4 NPT
8	S	1/4" NPT	Z CKS 8 1/4 NPT	28,94	Z STA CKS 8 1/4 NPT
10	S	3/8" NPT	Z CKS 10 3/8 NPT	36,87	Z STA CKS 10 3/8 NPT
12	S	3/8" NPT	Z CKS 12 3/8 NPT	45,73	Z STA CKS 12 3/8 NPT
12	S	1/2" NPT	Z CKS 12 1/2 NPT	43,84	Z STA CKS 12 1/2 NPT
14	S	1/2" NPT	Z CKS 14 1/2 NPT	105,49	Z STA CKS 14 1/2 NPT
16	S	1/2" NPT	Z CKS 16 1/2 NPT	61,38	Z STA CKS 16 1/2 NPT
20	S	3/4" NPT	Z CKS 20 3/4 NPT	110,11	Z STA CKS 20 3/4 NPT
25	S	1" NPT	Z CKS 25 1 NPT	224,07	Z STA CKS 25 1 NPT
30	S	1"1/4 NPT	Z CKS 30 1 1/4 NPT	452,96	Z STA CKS 30 1 1/4 NPT
38	S	1"1/2 NPT	Z CKS 38 1 1/2 NPT	418,41	Z STA CKS 38 1 1/2 NPT

Racor en codo rosca cónica Métrica

Male stud elbow metrical conical

Raccord équerre mâle métrique

Raccordo di estremitá a 90° Metrico conico



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	M10X1	Z CKL 6 M 10X1
8	L	M12X1.5	Z CKL 8 M 12X1.5
10	L	M14X1.5	Z CKL 10 M 14X1.5
12	L	M16X1.5	Z CKL 12 M 16X1.5
15	L	M18X1.5	Z CKL 15 M 18X1.5
18	L	M22X1.5	Z CKL 18 M 22X1.5
6	S	M12X1.5	Z CKS 6 M 12X1.5
8	S	M14X1.5	Z CKS 8 M 14X1.5
10	S	M16X1.5	Z CKS 10 M 16X1.5
12	S	M18X1.5	Z CKS 12 M 18X1.5
14	S	M20X1.5	Z CKS 14 M 20X1.5
16	S	M22X1.5	Z CKS 16 M 22X1.5

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor en L rosca cónica BSPT

Male stud barrel TEE BSPT

Raccord TÉ mâle gaz conique latéral

Raccordo di estremitá a L conico BSPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	1/8" BSPT	**Z LKL 6 R 1/8**
8	L	1/4" BSPT	**Z LKL 8 R 1/4**
10	L	1/4" BSPT	**Z LKL 10 R 1/4**
12	L	3/8" BSPT	**Z LKL 12 R 3/8**
15	L	1/2" BSPT	**Z LKL 15 R 1/2**
18	L	1/2" BSPT	**Z LKL 18 R 1/2**
6	S	1/4" BSPT	**Z LKS 6 R 1/4**
8	S	1/4" BSPT	**Z LKS 8 R 1/4**
10	S	3/8" BSPT	**Z LKS 10 R 3/8**
12	S	3/8" BSPT	**Z LKS 12 R 3/8**
14	S	1/2" BSPT	**Z LKS 14 R 1/2**
16	S	1/2" BSPT	**Z LKS 16 R 1/2**

Racor en L rosca cónica Métrica

Male stud barrel TEE Metric

Raccord Té mâle Métrique latéral

Raccordo di estremitá a L Metrico conico



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	M10X1	**Z LKL 6 M 10X1**	*
8	L	M12X1.5	**Z LKL 8 M 12X1.5**	*
10	L	M14X1.5	**Z LKL 10 M 14X1.5**	*
12	L	M16X1.5	**Z LKL 12 M 16X1.5**	*
15	L	M18X1.5	**Z LKL 15 M 18X1.5**	*
18	L	M22X1.5	**Z LKL 18 M 22X1.5**	*
6	S	M12X1.5	**Z LKS 6 M 12X1.5**	*
8	S	M14X1.5	**Z LKS 8 M 14X1.5**	*
10	S	M16X1.5	**Z LKS 10 M 16X1.5**	*
12	S	M18X1.5	**Z LKS 12 M 18X1.5**	*
14	S	M20X1.5	**Z LKS 14 M 20X1.5**	*
16	S	M22X1.5	**Z LKS 16 M 22X1.5**	*

Racor en T rosca cónica BSPT

Male stud branch TEE BSPT

Raccord TÉ mâle gaz conique au centre

Raccordo di estremitá a T conico BSPT



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	1/8" BSPT	**Z FKL 6 R 1/8**
8	L	1/8" BSPT	**Z FKL 8 R 1/8***
8	L	1/4" BSPT	**Z FKL 8 R 1/4**
10	L	1/4" BSPT	**Z FKL 10 R 1/4**
12	L	3/8" BSPT	**Z FKL 12 R 3/8**
15	L	1/2" BSPT	**Z FKL 15 R 1/2**
18	L	1/2" BSPT	**Z FKL 18 R 1/2**
6	S	1/4" BSPT	**Z FKS 6 R 1/4**
8	S	1/4" BSPT	**Z FKS 8 R 1/4**
10	S	3/8" BSPT	**Z FKS 10 R 3/8**
12	S	3/8" BSPT	**Z FKS 12 R 3/8**
14	S	1/2" BSPT	**Z FKS 14 R 1/2**

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

Racor en T rosca cónica Métrica

Male stud branch TEE Metrical

Raccord TÉ mâle Métrique au centre

Raccordo di estremitá a T Metrico conico



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	M10X1	**Z FKL 6 M 10X1**	*
8	L	M12X1.5	**Z FKL 8 M 12X1.5**	*
10	L	M14X1.5	**Z FKL 10 M 14X1.5**	*
12	L	M16X1.5	**Z FKL 12 M 16X1.5**	*
15	L	M18X1.5	**Z FKL 15 M 18X1.5**	*
6	S	M12X1.5	**Z FKS 6 M 12X1.5**	*
8	S	M14X1.5	**Z FKS 8 M 14X1.5**	*
10	S	M16X1.5	**Z FKS 10 M 16X1.5**	*
12	S	M18X1.5	**Z FKS 12 M 18X1.5**	*
14	S	M20X1.5	**Z FKS 14 M 20X1.5**	*
16	S	M22X1.5	**Z FKS 16 M 22X1.5**	*

***Consultar** / On request/ **Sur demande** / Su richiesta

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor de reducción con TL Métrica (serie ligera)

Standpipe reducer swivel female (light series)
Raccord union simple femelle tournante Métrique (série légère)
Raccordo di riduzione con dado pre-montato (serie leggera L)



TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°
8	6	L	Z KORL 8-6 TLM	27,03	Z STA KORL 8-6 TLM
10	6	L	Z KORL 10-6 TLM	27,36	Z STA KORL 10-6 TLM
10	8	L	Z KORL 10-8 TLM	24,54	Z STA KORL 10-8 TLM
12	6	L	Z KORL 12-6 TLM	32,85	Z STA KORL 12-6 TLM
12	8	L	Z KORL 12-8 TLM	24,44	Z STA KORL 12-8 TLM
12	10	L	Z KORL 12-10 TLM	29,51	Z STA KORL 12-10 TLM
15	6	L	Z KORL 15-6 TLM	39,11	Z STA KORL 15-6 TLM
15	8	L	Z KORL 15-8 TLM	33,95	Z STA KORL 15-8 TLM
15	10	L	Z KORL 15-10 TLM	37,12	Z STA KORL 15-10 TLM
15	12	L	Z KORL 15-12 TLM	28,80	Z STA KORL 15-12 TLM
18	8	L	Z KORL 18-8 TLM	43,85	Z STA KORL 18-8 TLM
18	10	L	Z KORL 18-10 TLM	37,22	Z STA KORL 18-10 TLM
18	12	L	Z KORL 18-12 TLM	39,36	Z STA KORL 18-12 TLM
18	15	L	Z KORL 18-15 TLM	44,93	Z STA KORL 18-15 TLM
22	10	L	Z KORL 22-10 TLM	41,05	Z STA KORL 22-10 TLM
22	12	L	Z KORL 22-12 TLM	40,70	Z STA KORL 22-12 TLM
22	15	L	Z KORL 22-15 TLM	46,42	Z STA KORL 22-15 TLM
22	18	L	Z KORL 22-18 TLM	54,60	Z STA KORL 22-18 TLM
28	10	L	Z KORL 28-10 TLM	72,44	Z STA KORL 28-10 TLM
28	12	L	Z KORL 28-12 TLM	61,15	Z STA KORL 28-12 TLM
28	15	L	Z KORL 28-15 TLM	92,41	Z STA KORL 28-15 TLM
28	18	L	Z KORL 28-18 TLM	60,51	Z STA KORL 28-18 TLM
28	22	L	Z KORL 28-22 TLM	67,35	Z STA KORL 28-22 TLM
35	12	L	Z KORL 35-12 TLM	100,15	Z STA KORL 35-12 TLM
35	22	L	Z KORL 35-22 TLM	110,23	Z STA KORL 35-22 TLM
35	28	L	Z KORL 35-28 TLM	97,00	Z STA KORL 35-28 TLM
42	22	L	Z KORL 42-22 TLM	186,89	Z STA KORL 42-22 TLM
42	28	L	Z KORL 42-28 TLM	137,80	Z STA KORL 42-28 TLM
42	35	L	Z KORL 42-35 TLM	141,47	Z STA KORL 42-35 TLM

Racor de reducción con TL Métrica (serie pesada)

Standpipe reducer swivel female (heavy series)
Raccord union simple femelle tournante Métrique (série lourde)
Raccordo di riduzione con dado pre-montato (serie pesante S)



TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°
8	6	S	Z KORS 8-6 TLM	43,10	Z STA KORS 8-6 TLM
10	6	S	Z KORS 10-6 TLM	46,50	Z STA KORS 10-6 TLM
10	8	S	Z KORS 10-8 TLM	46,28	Z STA KORS 10-8 TLM
12	6	S	Z KORS 12-6 TLM	46,97	Z STA KORS 12-6 TLM
12	8	S	Z KORS 12-8 TLM	42,99	Z STA KORS 12-8 TLM
12	10	S	Z KORS 12-10 TLM	50,92	Z STA KORS 12-10 TLM
14	10	S	Z KORS 14-10 TLM	56,15	Z STA KORS 14-10 TLM
14	12	S	Z KORS 14-12 TLM	55,41	Z STA KORS 14-12 TLM
16	6	S	Z KORS 16-6 TLM	66,26	Z STA KORS 16-6 TLM
16	8	S	Z KORS 16-8 TLM	64,77	Z STA KORS 16-8 TLM
16	10	S	Z KORS 16-10 TLM	62,24	Z STA KORS 16-10 TLM
16	12	S	Z KORS 16-12 TLM	48,07	Z STA KORS 16-12 TLM
20	8	S	Z KORS 20-8 TLM	81,64	Z STA KORS 20-8 TLM
20	10	S	Z KORS 20-10 TLM	81,71	Z STA KORS 20-10 TLM
20	12	S	Z KORS 20-12 TLM	60,39	Z STA KORS 20-12 TLM
20	14	S	Z KORS 20-14 TLM	82,70	Z STA KORS 20-14 TLM
20	16	S	Z KORS 20-16 TLM	70,50	Z STA KORS 20-16 TLM
25	12	S	Z KORS 25-12 TLM	103,23	Z STA KORS 25-12 TLM
25	16	S	Z KORS 25-16 TLM	109,85	Z STA KORS 25-16 TLM
25	20	S	Z KORS 25-20 TLM	119,04	Z STA KORS 25-20 TLM
30	16	S	Z KORS 30-16 TLM	151,97	Z STA KORS 30-16 TLM
30	20	S	Z KORS 30-20 TLM	133,51	Z STA KORS 30-20 TLM
30	25	S	Z KORS 30-25 TLM	174,85	Z STA KORS 30-25 TLM
38	20	S	Z KORS 38-20 TLM	170,85	Z STA KORS 38-20 TLM
38	25	S	Z KORS 38-25 TLM	193,18	Z STA KORS 38-25 TLM
38	30	S	Z KORS 38-30 TLM	251,18	Z STA KORS 38-30 TLM

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Reducción con rosca M-HF BSP con junta plana

Male-female reducing adaptor BSP cylindrical with flat seal

Raccord réduction mâle gaz-fem gaz avec joint plat

Riduzione filettata maschio con guarnizione piana - femmina BSP



ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°
1/4"BSP	1/8"BSP	**Z RI-R 1/8 R 1/4WD**
1/8"BSP	1/4"BSP	**Z RI-R 1/4 R 1/8WD**
3/8"BSP	1/4"BSP	**Z RI-R 1/4 R 3/8WD**
1/2"BSP	1/4"BSP	**Z RI-R 1/4 R 1/2WD**
1/8"BSP	3/8"BSP	**Z RI-R 3/8 R 1/8WD**
1/4"BSP	3/8"BSP	**Z RI-R 3/8 R 1/4WD**
1/2"BSP	3/8"BSP	**Z RI-R 3/8 R 1/2WD**
3/4"BSP	3/8"BSP	**Z RI-R 3/8 R 3/4WD**
1/8"BSP	1/2"BSP	**Z RI-R 1/2 R 1/8WD**
1/4"BSP	1/2"BSP	**Z RI-R 1/2 R 1/4WD**
3/8"BSP	1/2"BSP	**Z RI-R 1/2 R 3/8WD**
3/4"BSP	1/2"BSP	**Z RI-R 1/2 R 3/4WD**
1/4"BSP	3/4"BSP	**Z RI-R 3/4 R 1/4WD**
3/8"BSP	3/4"BSP	**Z RI-R 3/4 R 3/8WD**
1/2"BSP	3/4"BSP	**Z RI-R 3/4 R 1/2WD**
1"BSP	3/4"BSP	**Z RI-R 3/4 R 1WD**
1/4"BSP	1"BSP	**Z RI-R 1 R 1/4WD**
3/8"BSP	1"BSP	**Z RI-R 1 R 3/8WD**
1/2"BSP	1"BSP	**Z RI-R 1 R 1/2WD**
3/4"BSP	1"BSP	**Z RI-R 1 R 3/4WD**
1"1/4 BSP	1"BSP	**Z RI-R 1 R 1 1/4WD**
1/2"BSP	1"1/4 BSP	**Z RI-R 1 1/4 R 1/2WD**
3/4"BSP	1"1/4 BSP	**Z RI-R 1 1/4 R 3/4WD**
1"BSP	1"1/4BSP	**Z RI-R 1 1/4 R 1WD**
1"1/2 BSP	1"1/4 BSP	**Z RI-R 1 1/4 R 1 1/2WD**
1/2"BSP	1"1/2 BSP	**Z RI-R 1 1/2 R 1/2WD**
3/4"BSP	1"1/2 BSP	**Z RI-R 1 1/2 R 3/4WD**
1"BSP	1"1/2 BSP	**Z RI-R 1 1/2 R 1WD**
1"1/4 BSP	1"1/2 BSP	**Z RI-R 1 1/2 R 1 1/4WD**
2" BSP	1"1/2 BSP	**Z RI-R 1 1/2 R 2WD**
1"1/2 BSP	2" BSP	**Z RI-R 2 R 1 1/2WD**

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor en codo regulable con tuerca y anillo

Adjustable stud elbow with nut and ring

Raccord coude orientable tube lisse équipé

Raccordo orientabile a 90° con dado e anello



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z EEL 6 CTA	26,95	Z STA EEL 6 CTA
15	L	Z EEL 15 CTA	49,49	Z STA EEL 15 CTA
35	L	Z EEL 35 CTA	179,35	Z STA EEL 35 CTA
6	S	Z EES 6 CTA	25,47	Z STA EES 6 CTA
16	S	Z EES 16 CTA	58,57	Z STA EES 16 CTA

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

Racor en codo regulable TL Métrica

Adjustable stud elbow with o'ring

Raccord coude orientable Métrique avec o'ring

Raccordo orientabile a 90° con o'ring (dado spinato)



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z EEL 6 TLM	26,23	Z STA EEL 6 TLM
8	L	Z EEL 8 TLM	28,01	Z STA EEL 8 TLM
10	L	Z EEL 10 TLM	28,92	Z STA EEL 10 TLM
12	L	Z EEL 12 TLM	36,44	Z STA EEL 12 TLM
15	L	Z EEL 15 TLM	48,70	Z STA EEL 15 TLM
18	L	Z EEL 18 TLM	67,55	Z STA EEL 18 TLM
22	L	Z EEL 22 TLM	86,94	Z STA EEL 22 TLM
28	L	Z EEL 28 TLM	129,95	Z STA EEL 28 TLM
35	L	Z EEL 35 TLM	177,92	Z STA EEL 35 TLM
42	L	Z EEL 42 TLM	382,34	Z STA EEL 42 TLM
6	S	Z EES 6 TLM	38,25	Z STA EES 6 TLM
8	S	Z EES 8 TLM	39,06	Z STA EES 8 TLM
10	S	Z EES 10 TLM	40,44	Z STA EES 10 TLM
12	S	Z EES 12 TLM	52,23	Z STA EES 12 TLM
14	S	Z EES 14 TLM	66,22	Z STA EES 14 TLM
16	S	Z EES 16 TLM	65,68	Z STA EES 16 TLM
20	S	Z EES 20 TLM	95,44	Z STA EES 20 TLM
25	S	Z EES 25 TLM	161,46	Z STA EES 25 TLM
30	S	Z EES 30 TLM	213,16	Z STA EES 30 TLM
38	S	Z EES 38 TLM	346,58	Z STA EES 38 TLM

Racor en T regulable TL Métrica

Adjustable stud branch TEE with o'ring

Raccord TÉ orientable Métrique avec o'ring

Raccordo orientabile a T con o'ring (dado spinato)



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z TEL 6 TLM	34,48	Z STA TEL 6 TLM
8	L	Z TEL 8 TLM	37,10	Z STA TEL 8 TLM
10	L	Z TEL 10 TLM	40,29	Z STA TEL 10 TLM
12	L	Z TEL 12 TLM	47,19	Z STA TEL 12 TLM
15	L	Z TEL 15 TLM	70,87	Z STA TEL 15 TLM
18	L	Z TEL 18 TLM	121,76	Z STA TEL 18 TLM
22	L	Z TEL 22 TLM	138,10	Z STA TEL 22 TLM
28	L	Z TEL 28 TLM	195,68	Z STA TEL 28 TLM
35	L	Z TEL 35 TLM	339,18	Z STA TEL 35 TLM
42	L	Z TEL 42 TLM	441,68	Z STA TEL 42 TLM
6	S	Z TES 6 TLM	53,69	Z STA TES 6 TLM
8	S	Z TES 8 TLM	48,55	Z STA TES 8 TLM
10	S	Z TES 10 TLM	56,51	Z STA TES 10 TLM
12	S	Z TES 12 TLM	60,52	Z STA TES 12 TLM
14	S	Z TES 14 TLM	96,74	Z STA TES 14 TLM
16	S	Z TES 16 TLM	108,44	Z STA TES 16 TLM
20	S	Z TES 20 TLM	139,71	Z STA TES 20 TLM
25	S	Z TES 25 TLM	225,84	Z STA TES 25 TLM
30	S	Z TES 30 TLM	311,23	Z STA TES 30 TLM
38	S	Z TES 38 TLM	467,64	Z STA TES 38 TLM

Racor en T regulable TL Métrica

Adjustable stud barrel TEE with o'ring

Raccord TÉorientable renversé Métrique avec o'ring

Raccordo orientabile a T con o'ring (dado spinato)



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	M12X1.5	Z LEL 6 TLM	33,31	Z STA LEL 6 TLM
8	L	M14X1.5	Z LEL 8 TLM	52,04	Z STA LEL 8 TLM
10	L	M16X1.5	Z LEL 10 TLM	45,48	Z STA LEL 10 TLM
12	L	M18X1.5	Z LEL 12 TLM	56,19	Z STA LEL 12 TLM
15	L	M22X1.5	Z LEL 15 TLM	77,75	Z STA LEL 15 TLM
18	L	M26X1.5	Z LEL 18 TLM	100,22	Z STA LEL 18 TLM
22	L	M30X2	Z LEL 22 TLM	144,60	Z STA LEL 22 TLM
28	L	M36X2	Z LEL 28 TLM	197,01	Z STA LEL 28 TLM
35	L	M45X2	Z LEL 35 TLM	352,62	Z STA LEL 35 TLM
42	L	M52X2	Z LEL 42 TLM	469,25	Z STA LEL 42 TLM
6	S	M14X1.5	Z LES 6 TLM	43,10	Z STA LES 6 TLM
8	S	M16X1.5	Z LES 8 TLM	54,90	Z STA LES 8 TLM
10	S	M18X1.5	Z LES 10 TLM	72,07	Z STA LES 10 TLM
12	S	M20X1.5	Z LES 12 TLM	64,43	Z STA LES 12 TLM
14	S	M22X1.5	Z LES 14 TLM	103,19	Z STA LES 14 TLM
16	S	M24X1.5	Z LES 16 TLM	109,93	Z STA LES 16 TLM
20	S	M30X2	Z LES 20 TLM	144,42	Z STA LES 20 TLM
25	S	M36X2	Z LES 25 TLM	241,58	Z STA LES 25 TLM
30	S	M42X2	Z LES 30 TLM	333,34	Z STA LES 30 TLM
38	S	M52X2	Z LES 38 TLM	488,66	Z STA LES 38 TLM

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor unión TL Métrica

Straight connection with o'ring

Raccord union tournante Métrique égale

Raccordo diritto intermedio con o´ring e dadi spinati



TUBO PIPE	SERIE SERIES	Referencia Part n°
6	L	**Z ATL 6**
8	L	**Z ATL 8**
10	L	**Z ATL 10**
12	L	**Z ATL 12**
15	L	**Z ATL 15**
18	L	**Z ATL 18**
22	L	**Z ATL 22**
28	L	**Z ATL 28**
35	L	**Z ATL 35**
42	L	**Z ATL 42**
6	S	**Z ATS 6**
8	S	**Z ATS 8**
10	S	**Z ATS 10**
12	S	**Z ATS 12**
14	S	**Z ATS 14**
16	S	**Z ATS 16**
20	S	**Z ATS 20**
25	S	**Z ATS 25**
30	S	**Z ATS 30**
38	S	**Z ATS 38**

Racor recto macho BSP con junta plana - TLM

Straight stud standpipe adaptor with captive seal BSP cylindrical-metric swivel fem.

Raccord adapt.tube lisse-mâle gaz BSP avec joint plat-fem.tourn.métrique

Raccordo di estremità BSP con guarnizione - dado spinato metrico e o´ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	1/8"BSP	**Z RAL 6 R 1/8TLMWD**
8	L	1/4"BSP	**Z RAL 8 R 1/4TLMWD**
10	L	1/4"BSP	**Z RAL 10 R 1/4TLMWD**
12	L	1/4"BSP	**Z RAL 12 R 1/4TLMWD**
12	L	3/8"BSP	**Z RAL 12 R 3/8TLMWD**
12	L	1/2"BSP	**Z RAL 12 R 1/2TLMWD**
15	L	1/2"BSP	**Z RAL 15 R 1/2TLMWD**
18	L	1/2"BSP	**Z RAL 18 R 1/2TLMWD**
22	L	3/4"BSP	**Z RAL 22 R 3/4TLMWD**
28	L	1"BSP	**Z RAL 28 R 1TLMWD**
35	L	1"1/4 BSP	**Z RAL 35 R 1 1/4TLMWD**
42	L	1"1/2 BSP	**Z RAL 42 R 1 1/2TLMWD**
6	S	1/4"BSP	**Z RAS 6 R 1/4TLMWD**
8	S	1/4"BSP	**Z RAS 8 R 1/4TLMWD**
10	S	3/8"BSP	**Z RAS 10 R 3/8TLMWD**
12	S	3/8"BSP	**Z RAS 12 R 3/8TLMWD**
12	S	1/2"BSP	**Z RAS 12 R 1/2TLMWD**
14	S	1/2"BSP	**Z RAS 14 R 1/2TLMWD**
16	S	1/2"BSP	**Z RAS 16 R 1/2TLMWD**
20	S	3/4"BSP	**Z RAS 20 R 3/4TLMWD**
25	S	1"BSP	**Z RAS 25 R 1TLMWD**
30	S	1"1/4 BSP	**Z RAS 30 R 1 1/4TLMWD**
38	S	1"1/2 BSP	**Z RAS 38 R 1 1/2TLMWD**

Racor recto macho NPT - TL Metrica

Straight stud standpipe adaptor NPT- metric swivel fem.

Raccord adapteur tube lisse - mâle NPT- fem. tourn. métrique

Raccordo di estremità conico NPT - dado spinato metrico e o´ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	1/8"NPT	**Z RAL 6 R 1/8 NPTTLM**
8	L	1/4"NPT	**Z RAL 8 R 1/4 NPTTLM**
10	L	1/4"NPT	**Z RAL 10 R 1/4 NPTTLM**
12	L	3/8" NPT	**Z RAL 12 R 3/8 NPTTLM**
15	L	1/2" NPT	**Z RAL 15 R 1/2 NPTTLM**
18	L	1/2"NPT	**Z RAL 18 R 1/2 NPTTLM**
22	L	3/4"NPT	**Z RAL 22 R 3/4 NPTTLM**
28	L	1"NPT	**Z RAL 28 R 1 NPTTLM**
35	L	1"1/4 NPT	**Z RAL 35 R 1 1/4 NPTTLM**
42	L	1"1/2 NPT	**Z RAL 42 R 1 1/2 NPTTLM**
6	S	1/4"NPT	**Z RAS 6 R 1/4 NPTTLM**
8	S	1/4"NPT	**Z RAS 8 R 1/4 NPTTLM**
10	S	3/8"NPT	**Z RAS 10 R 3/8 NPTTLM**
12	S	1/4" NPT	**Z RAS 12 R 1/4 NPTTLM**
14	S	1/2"NPT	**Z RAS 14 R 1/2 NPTTLM**
16	S	1/2"NPT	**Z RAS 16 R 1/2 NPTTLM**
20	S	3/4"NPT	**Z RAS 20 R 3/4 NPTTLM**
25	S	3/4"NPT	**Z RAS 25 R 3/4 NPTTLM**
25	S	1"NPT	**Z RAS 25 R 1 NPTTLM**
30	S	1"NPT	**Z RAS 30 R 1 NPTTLM**
30	S	1"1/4 NPT	**Z RAS 30 R 1 1/4 NPTTLM**
38	S	1"1/2 NPT	**Z RAS 38 R 1 1/2 NPTTLM**

Racor recto macho Métrico con junta plana - tubo TLM

Straight stud standpipe adaptor Metric with captive seal-metric swivel fem.

Raccord adapt.tube lisse-mâle Métrique avec joint plat-fem.tourn.métrique

Raccordo di estremità metrico con guarnizione - dado spinato metrico e o´ring



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	M10X1	**Z RAL 6M10X1TLMWD**
8	L	M12X1.5	**Z RAL 8M12X1.5TLMWD**
10	L	M14X1.5	**Z RAL 10M14X1.5TLMWD**
12	L	M16X1.5	**Z RAL 12M16X1.5TLMWD**
15	L	M18X1.5	**Z RAL 15M18X1.5TLMWD**
18	L	M22X1.5	**Z RAL 18M22X1.5TLMWD**
22	L	M26X1.5	**Z RAL 22M26X1.5TLMWD**
28	L	M33X2	**Z RAL 28M33X2TLMWD**
35	L	M42X2	**Z RAL 35M42X2TLMWD**
42	L	M48X2	**Z RAL 42M48X2TLMWD**
6	S	M12X1.5	**Z RAS 6M12X1.5TLMWD**
8	S	M14X1.5	**Z RAS 8M14X1.5TLMWD**
10	S	M16X1.5	**Z RAS 10M16X1.5TLMWD**
12	S	M18X1.5	**Z RAS 12M18X1.5TLMWD**
14	S	M20X1.5	**Z RAS 14M20X1.5TLMWD**
16	S	M22X1.5	**Z RAS 16M22X1.5TLMWD**
20	S	M27X2	**Z RAS 20M27X2TLMWD**
25	S	M33X2	**Z RAS 25M33X2TLMWD**
30	S	M42X2	**Z RAS 30M42X2TLMWD**
38	S	M48X2	**Z RAS 38M48X2TLMWD**

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor recto para soldar

Weldable straight coupling

Raccord mamelon hexagonal Métrique à souder

Raccordo diritto a saldare



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z ASL 6	13,02	Z STA ASL 6
8	L	Z ASL 8	13,07	Z STA ASL 8
10	L	Z ASL 10	15,72	Z STA ASL 10
12	L	Z ASL 12	17,19	Z STA ASL 12
15	L	Z ASL 15	23,42	Z STA ASL 15
18	L	Z ASL 18	27,86	Z STA ASL 18
22	L	Z ASL 22	36,75	Z STA ASL 22
28	L	Z ASL 28	51,63	Z STA ASL 28
35	L	Z ASL 35	81,68	Z STA ASL 35
42	L	Z ASL 42	119,11	Z STA ASL 42
6	S	Z ASS 6	22,21	Z STA ASS 6
8	S	Z ASS 8	25,31	Z STA ASS 8
10	S	Z ASS 10	29,63	Z STA ASS 10
12	S	Z ASS 12	30,60	Z STA ASS 12
14	S	Z ASS 14	45,21	Z STA ASS 14
16	S	Z ASS 16	33,94	Z STA ASS 16
20	S	Z ASS 20	41,60	Z STA ASS 20
25	S	Z ASS 25	68,90	Z STA ASS 25
30	S	Z ASS 30	94,87	Z STA ASS 30
38	S	Z ASS 38	195,57	Z STA ASS 38

Racor pasatabique para soldar

Weldable bulkhead coupling

Raccord union double passe cloison Métrique à souder

Raccordo passaparete a saldare



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z ESVL 6	24,57	Z STA ESVL 6
8	L	Z ESVL 8	28,30	Z STA ESVL 8
10	L	Z ESVL 10	29,12	Z STA ESVL 10
12	L	Z ESVL 12	34,63	Z STA ESVL 12
15	L	Z ESVL 15	46,65	Z STA ESVL 15
18	L	Z ESVL 18	60,02	Z STA ESVL 18
22	L	Z ESVL 22	76,68	Z STA ESVL 22
28	L	Z ESVL 28	85,56	Z STA ESVL 28
35	L	Z ESVL 35	123,79	Z STA ESVL 35
42	L	Z ESVL 42	195,72	Z STA ESVL 42
6	S	Z ESVS 6	39,78	Z STA ESVS 6
8	S	Z ESVS 8	42,95	Z STA ESVS 8
10	S	Z ESVS 10	48,62	Z STA ESVS 10
12	S	Z ESVS 12	48,47	Z STA ESVS 12
14	S	Z ESVS 14	81,02	Z STA ESVS 14
16	S	Z ESVS 16	64,58	Z STA ESVS 16
20	S	Z ESVS 20	93,81	Z STA ESVS 20
25	S	Z ESVS 25	138,42	Z STA ESVS 25
30	S	Z ESVS 30	155,95	Z STA ESVS 30
38	S	Z ESVS 38	315,56	Z STA ESVS 38

Boquilla para soldar

Welding nipple with o-ring

Raccord collet cône métrique à souder

Ogiva a saldare con o'ring



TUBO PIPE	SERIE SERIES	Referencia Part n°
15x2.5	L	Z ORIL 15
18x2.5	L	Z ORIL 18
22x2.5	L	Z ORIL 22
28x3	L	Z ORIL 28
35x4	L	Z ORIL 35
42x3	L	Z ORIL 42
6x2	L/S	Z ORIS 6
8x2	L/S	Z ORIS 8
10x2	L/S	Z ORIS 10
12x2	L/S	Z ORIS 12
14x3	S	Z ORIS 14
16x3	S	Z ORIS 16
20x3	S	Z ORIS 20
25x3.5	S	Z ORIS 25
30x5	S	Z ORIS 30
38x5	S	Z ORIS 38

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor recto pasatabique con tuerca

Straight bulkhead coupling

Raccord droit union double passe cloison avec écrou

Raccordo passaparete



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z SVL 6	22,40	Z STA SVL 6
8	L	Z SVL 8	25,66	Z STA SVL 8
10	L	Z SVL 10	33,47	Z STA SVL 10
12	L	Z SVL 12	37,37	Z STA SVL 12
15	L	Z SVL 15	50,47	Z STA SVL 15
18	L	Z SVL 18	68,59	Z STA SVL 18
22	L	Z SVL 22	91,50	Z STA SVL 22
28	L	Z SVL 28	109,23	Z STA SVL 28
35	L	Z SVL 35	180,60	Z STA SVL 35
42	L	Z SVL 42	243,23	Z STA SVL 42
6	S	Z SVS 6	34,09	Z STA SVS 6
8	S	Z SVS 8	35,54	Z STA SVS 8
10	S	Z SVS 10	42,86	Z STA SVS 10
12	S	Z SVS 12	51,79	Z STA SVS 12
14	S	Z SVS 14	64,95	Z STA SVS 14
16	S	Z SVS 16	65,00	Z STA SVS 16
20	S	Z SVS 20	107,87	Z STA SVS 20
25	S	Z SVS 25	175,92	Z STA SVS 25
30	S	Z SVS 30	199,57	Z STA SVS 30
38	S	Z SVS 38	340,09	Z STA SVS 38

Racor en codo pasatabique con tuerca

Elbow bulkhead coupling

Raccord coude égal passe cloison

Raccordo passaparete a 90°



TUBO PIPE	SERIE SERIE	Referencia Part n°	€	Referencia STA Part N° STA
6	L	Z USVL 6	48,84	Z STA USVL 6
8	L	Z USVL 8	46,64	Z STA USVL 8
10	L	Z USVL 10	44,07	Z STA USVL 10
12	L	Z USVL 12	47,76	Z STA USVL 12
15	L	Z USVL 15	80,42	Z STA USVL 15
18	L	Z USVL 18	84,69	Z STA USVL 18
22	L	Z USVL 22	129,77	Z STA USVL 22
28	L	Z USVL 28	354,96	Z STA USVL 28
35	L	Z USVL 35	617,40	Z STA USVL 35
42	L	Z USVL 42	827,29	Z STA USVL 42
6	S	Z USVS 6	81,28	Z STA USVS 6
8	S	Z USVS 8	63,62	Z STA USVS 8
10	S	Z USVS 10	57,19	Z STA USVS 10
12	S	Z USVS 12	63,48	Z STA USVS 12
14	S	Z USVS 14	97,93	Z STA USVS 14
16	S	Z USVS 16	89,50	Z STA USVS 16
20	S	Z USVS 20	212,85	Z STA USVS 20
25	S	Z USVS 25	401,96	Z STA USVS 25
30	S	Z USVS 30	625,06	Z STA USVS 30

Tuerca pasatabique Métrica

Metric nut bulkhead

Écrou Métrique passe cloison

Dado passaparete Metrico



TUBO PIPE	ROSCA THREAD	Referencia Part n°
6L	M12x1,5	KZTPM12
8L / 6S	M14x1,5	KZTPM14
10L / 8S	M16x1,5	KZTPM16
12L / 10S	M18x1,5	KZTPM18
12S	M20x1,5	KZTPM20
15L / 14S	M22x1,5	KZTPM22
16S	M24x1,5	KZTPM24
18L	M26x1,5	KZTPM26
22L / 20S	M30x2	KZTPM30
28L / 25S	M36x2	KZTPM36
30S	M42x2	KZTPM42
35L	M45x2	KZTPM45
42L / 38S	M52x2	KZTPM52

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor recto hembra rosca BSP

Female stud coupling

Raccord union simple femelle gaz

Raccordo di estremità femmina BSP



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	1/8" BSP	Z GAIL 6 R 1/8	15,27	Z STA GAIL 6 R 1/8
6	L	1/4" BSP	Z GAIL 6 R 1/4	16,45	Z STA GAIL 6 R 1/4
8	L	1/4" BSP	Z GAIL 8 R 1/4	17,93	Z STA GAIL 8 R 1/4
10	L	1/4" BSP	Z GAIL 10 R 1/4	18,40	Z STA GAIL 10 R 1/4
12	L	1/2" BSP	Z GAIL 12 R 1/2	26,48	Z STA GAIL 12 R 1/2
12	L	3/8" BSP	Z GAIL 12 R 3/8	25,73	Z STA GAIL 12 R 3/8
15	L	1/2" BSP	Z GAIL 15 R 1/2	28,82	Z STA GAIL 15 R 1/2
18	L	1/2" BSP	Z GAIL 18 R 1/2	32,71	Z STA GAIL 18 R 1/2
22	L	3/4" BSP	Z GAIL 22 R 3/4	43,66	Z STA GAIL 22 R 3/4
28	L	1" BSP	Z GAIL 28 R 1	70,46	Z STA GAIL 28 R 1
35	L	1"1/4 BSP	Z GAIL 35 R 1 1/4	132,82	Z STA GAIL 35 R 1 1/4
42	L	1"1/2 BSP	Z GAIL 42 R 1 1/2	176,35	Z STA GAIL 42 R 1 1/2
6	S	1/4" BSP	Z GAIS 6 R 1/4	19,66	Z STA GAIS 6 R 1/4
8	S	1/4" BSP	Z GAIS 8 R 1/4	20,59	Z STA GAIS 8 R 1/4
10	S	3/8" BSP	Z GAIS 10 R 3/8	23,90	Z STA GAIS 10 R 3/8
12	S	3/8" BSP	Z GAIS 12 R 3/8	29,94	Z STA GAIS 12 R 3/8
14	S	3/8" BSP	Z GAIS 14 R 3/8	39,93	Z STA GAIS 14 R 3/8
14	S	1/2" BSP	Z GAIS 14 R 1/2	37,84	Z STA GAIS 14 R 1/2
16	S	1/2" BSP	Z GAIS 16 R 1/2	31,41	Z STA GAIS 16 R 1/2
20	S	3/4" BSP	Z GAIS 20 R 3/4	60,04	Z STA GAIS 20 R 3/4
25	S	1" BSP	Z GAIS 25 R 1	73,79	Z STA GAIS 25 R 1
30	S	1"1/4 BSP	Z GAIS 30 R 1 1/4	133,23	Z STA GAIS 30 R 1 1/4
38	S	1"1/2 BSP	Z GAIS 38 R 1 1/2	170,93	Z STA GAIS 38 R 1 1/2

Racor para manómetro BSP

Gauge coupling BSP cylindrical

Raccord union pour manomètre gaz

Raccordo per manometro BSP



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	1/4" BSP	Z MAVL 6 R 1/4
8	L	1/4" BSP	Z MAVL 8 R 1/4
10	L	1/4" BSP	Z MAVL 10 R 1/4
12	L	1/4" BSP	Z MAVL 12 R 1/4
6	S	1/2" BSP	Z MAVS 6 R 1/2
8	S	1/2" BSP	Z MAVS 8 R 1/2
10	S	1/2" BSP	Z MAVS 10 R 1/2
12	S	1/2" BSP	Z MAVS 12 R 1/2

Arandela para manómetros

Seal for gauge coupling

Raccord bague pour manomètres

Guarnizione per manometro



ROSCA THREAD	Referencia Part n°
1/4" BSP	Z AM 6
1/2" BSP	Z AM 12

Racor recto hembra rosca Métrica

Female stud coupling Metric Cylndrical

Raccord union simple femelle Métrique

Raccordo di estremità femmina metrica



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	M10X1	Z GAIL 6 M 10X1
8	L	M12X1.5	Z GAIL 8 M 12X1.5
10	L	M14X1.5	Z GAIL 10 M 14X1.5
12	L	M16X1.5	Z GAIL 12 M 16X1.5
15	L	M18X1.5	Z GAIL 15 M 18X1.5
18	L	M22X1.5	Z GAIL 18 M 22X1.5
22	L	M26X1.5	Z GAIL 22 M 26X1.5
28	L	M33X2	Z GAIL 28 M 33X2
35	L	M42X2	Z GAIL 35 M 42X2
42	L	M48X2	Z GAIL 42 M 48X2
6	S	M12X1.5	Z GAIS 6 M 12X1.5
8	S	M14X1.5	Z GAIS 8 M 14X1.5
10	S	M16X1.5	Z GAIS 10 M 16X1.5
12	S	M18X1.5	Z GAIS 12 M 18X1.5
14	S	M20X1.5	Z GAIS 14 M 20X1.5
16	S	M22X1.5	Z GAIS 16 M 22X1.5
20	S	M27X2	Z GAIS 20 M 27X2
25	S	M33X2	Z GAIS 25 M 33X2
30	S	M42X2	Z GAIS 30 M 42X2
38	S	M48X2	Z GAIS 38 M 48X2

Racor para manómetro DKOL/DKOS

NEW

Gauge coupling DKOL/DKOS cylindrical

Raccord union pour manomètre DKOL/DKOS

Raccordo per manometro DKOL/DKOS



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	1/4" BSP	Z MAFL 6 R 1/4
8	L	1/4" BSP	Z MAFL 8 R 1/4
10	L	1/4" BSP	Z MAFL 10 R 1/4
12	L	1/4" BSP	Z MAFL 12 R 1/4
6	S	1/2" BSP	Z MAFS 6 R 1/2
8	S	1/2" BSP	Z MAFS 8 R 1/2
10	S	1/2" BSP	Z MAFS 10 R 1/2
12	S	1/2" BSP	Z MAFS 12 R 1/2

*Consultar / On request / Sur demande / Su richiesta

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Racor en codo orientable sin estrangulación rosca BSP

Banjo coupling with captive seal and o'ring BSP cylindrical
Raccord équerre orientable articulée sans étranglement gaz
Raccordo orientabile 90° ad occhio BSP con guarnizione



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	1/8" BSP	**Z WSVL 6 R 1/8**	**73,77**	**Z STA WSVL 6 R 1/8**
6	L	1/4" BSP	**Z WSVL 6 R 1/4**	**87,92**	**Z STA WSVL 6 R 1/4**
8	L	1/4" BSP	**Z WSVL 8 R 1/4**	**78,57**	**Z STA WSVL 8 R 1/4**
10	L	1/4" BSP	**Z WSVL 10 R 1/4**	**81,96**	**Z STA WSVL 10 R 1/4**
12	L	3/8" BSP	**Z WSVL 12 R 3/8**	**91,15**	**Z STA WSVL 12 R 3/8**
15	L	1/2" BSP	**Z WSVL 15 R 1/2**	**151,62**	**Z STA WSVL 15 R 1/2**
18	L	1/2" BSP	**Z WSVL 18 R 1/2**	**197,99**	**Z STA WSVL 18 R 1/2**
22	L	3/4" BSP	**Z WSVL 22 R 3/4**	**317,04**	**Z STA WSVL 22 R 3/4**
28	L	1" BSP	**Z WSVL 28 R 1**	**522,39**	**Z STA WSVL 28 R 1**
35	L	1"1/4 BSP	**Z WSVL 35 R 1 1/4**	**678,20**	**Z STA WSVL 35 R 1 1/4**
42	L	1"1/2 BSP	**Z WSVL 42 R 1 1/2**	**950,92**	**Z STA WSVL 42 R 1 1/2**
6	S	1/4" BSP	**Z WSVS 6 R 1/4**	**85,67**	**Z STA WSVS 6 R 1/4**
8	S	1/4" BSP	**Z WSVS 8 R 1/4**	**85,93**	**Z STA WSVS 8 R 1/4**
10	S	3/8" BSP	**Z WSVS 10 R 3/8**	**112,22**	**Z STA WSVS 10 R 3/8**
12	S	3/8" BSP	**Z WSVS 12 R 3/8**	**124,91**	**Z STA WSVS 12 R 3/8**
14	S	1/2" BSP	**Z WSVS 14 R 1/2**	**170,35**	**Z STA WSVS 14 R 1/2**
16	S	1/2" BSP	**Z WSVS 16 R 1/2**	**207,02**	**Z STA WSVS 16 R 1/2**
20	S	3/4" BSP	**Z WSVS 20 R 3/4**	**320,41**	**Z STA WSVS 20 R 3/4**
25	S	1" BSP	**Z WSVS 25 R 1**	**464,58**	**Z STA WSVS 25 R 1**
30	S	1"1/4 BSP	**Z WSVS 30 R 1 1/4**	**1.067,10**	**Z STA WSVS 30 R 1 1/4**
38	S	1"1/2 BSP	**Z WSVS 38 R 1 1/2**	**1.151,38**	**Z STA WSVS 38 R 1 1/2**

Racor en codo orientable sin estrangulación rosca Métrica

Banjo coupling with captive seal and o'ring Metric cylindrical
Raccord équerre orientable articulée sans étranglement Métrique
Raccordo orientabile 90° ad occhio Metrico con guarnizione



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA
6	L	M10X1	**Z WSVL 6 M 10X1**	**74,85**	**Z STA WSVL 6 M 10X1**
8	L	M12X1,5	**Z WSVL 8 M 12X1,5**	**78,23**	**Z STA WSVL 8 M 12X1,5**
10	L	M14X1,5	**Z WSVL 10 M 14X1,5**	**109,87**	**Z STA WSVL 10 M 14X1,5**
12	L	M16X1.5	**Z WSVL 12 M 16X1,5**	**125,02**	**Z STA WSVL 12 M 16X1,5**
15	L	M18X1.5	**Z WSVL 15 M 18X1,5**	**167,79**	**Z STA WSVL 15 M 18X1,5**
18	L	M22X1,5	**Z WSVL 18 M 22X1,5**	**213,32**	**Z STA WSVL 18 M 22X1,5**
22	L	M26X1.5	**Z WSVL 22 M 26X1,5**	*	**Z STA WSVL 22 M 26X1,5**
28	L	M33X2	**Z WSVL 28 M 33X2**	*	**Z STA WSVL 28 M 33X2**
35	L	M42X2	**Z WSVL 35 M 42X2**	*	**Z STA WSVL 35 M 42X2**
42	L	M48X2	**Z WSVL 42 M 48X2**	*	**Z STA WSVL 42 M 48X2**
6	S	M12X1.5	**Z WSVS 6 M 12X1,5**	**104,67**	**Z STA WSVS 6 M 12X1,5**
8	S	M14X1.5	**Z WSVS 8 M 14X1,5**	**111,65**	**Z STA WSVS 8 M 14X1,5**
10	S	M16X1,5	**Z WSVS 10 M 16X1,5**	**130,30**	**Z STA WSVS 10 M 16X1,5**
12	S	M18X1,5	**Z WSVS 12 M 18X1,5**	**147,25**	**Z STA WSVS 12 M 18X1,5**
14	S	M20X1.5	**Z WSVS 14 M 20X1,5**	**141,73**	**Z STA WSVS 14 M 20X1,5**
16	S	M22X1.5	**Z WSVS 16 M 22X1,5**	**255,46**	**Z STA WSVS 16 M 22X1,5**
20	S	M27X2	**Z WSVS 20 M 27X2**	**329,96**	**Z STA WSVS 20 M 27X2**
30	S	M42X2	**Z WSVS 30 M 42X2**	**669,80**	**Z STA WSVS 30 M 42X2**
38	S	M48x2	**Z WSVS 38 M 48X2**	*	**Z STA WSVS 38 M 48X2**

***Consultar** / On request**/ Sur demande** / Su richiesta

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Tapón de cierre para tubo con junta tórica

Blanking plug with o'ring

Raccord bouchon de fermeture avec o'ring

Tappo di chiusura con o'ring



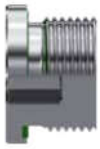
TUBO PIPE	SERIE SERIES	Referencia Part n°
6	L/S	**Z BUTZEN L 6**
8	L/S	**Z BUTZEN L 8**
10	L/S	**Z BUTZEN L 10**
12	L/S	**Z BUTZEN L 12**
15	L	**Z BUTZEN L 15**
18	L	**Z BUTZEN L 18**
22	L	**Z BUTZEN L 22**
28	L	**Z BUTZEN L 28**
35	L	**Z BUTZEN L 35**
42	L	**Z BUTZEN L 42**
14	S	**Z BUTZEN S 14**
16	S	**Z BUTZEN S 16**
20	S	**Z BUTZEN S 20**
25	S	**Z BUTZEN S 25**
30	S	**Z BUTZEN S 30**
38	S	**Z BUTZEN S 38**

Tapón de cierre Allen rosca BSP con junta

Blanking plug with captive seal BSP cylindrical

Raccord bouchon Allen gaz avec joint plat

Tappo cilindrico BSP esagono incassato con guarnizione



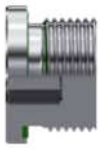
ROSCA THREAD	Referencia Part n°
1/8" BSP	**Z STOPFEN 1/8**
1/4" BSP	**Z STOPFEN 1/4**
3/8" BSP	**Z STOPFEN 3/8**
1/2" BSP	**Z STOPFEN 1/2**
3/4" BSP	**Z STOPFEN 3/4**
1" BSP	**Z STOPFEN 1**
1"1/4 BSP	**Z STOPFEN 1 1/4**
1"1/2 BSP	**Z STOPFEN 1 1/2**

Tapón de cierre Allen rosca Métrica con junta

Blanking plug with captive seal Metric cylindrical

Raccord bouchon Allen Métrique avec joint plat

Tappo cilindrico Metrico esagono incassato con guarnizione



ROSCA THREAD	Referencia Part n°
M10X1	**Z STOPFEN M 10X1**
M12X1.5	**Z STOPFEN M 12X1,5**
M14X1.5	**Z STOPFEN M 14X1,5**
M16X1.5	**Z STOPFEN M 16X1,5**
M18X1.5	**Z STOPFEN M 18X1,5**
M20X1.5	**Z STOPFEN M 20X1,5**
M22X1.5	**Z STOPFEN M 22X1,5**
M26X1.5	**Z STOPFEN M 26X1,5**
M27X2	**Z STOPFEN M 27X2**
M33X2	**Z STOPFEN M 33X2**
M42X2	**Z STOPFEN M 42X2**
M48X2	**Z STOPFEN M 48X2**

Juntas tóricas FKM verde

Green FKM o-ring

Joint torique en FKM vert

O´ring FKM verde



TUBO PIPE	Referencia Part n°
6	**JVT06**
8	**JVT08**
10	**JVT10**
12	**JVT12**
14	**JVT14**
15-16	**JVT15**
18	**JVT18**
20	**JVT20**
22	**JVT22**
25	**JVT25**
28	**JVT28**
30	**JVT30**
35	**JVT35**
38	**JVT38**
42	**JVT42**

Juntas planas FKM verde

Green FKM captive seal

Joint plat en FKM vert

Guarnizione piana FKM verde



ROSCA THREAD	Referencia Part n°
1/8" BSP - M10x1	**JVBSP02**
M12x1.5	**JVM12**
1/4" BSP - M14x1.5	**JVBSP04**
M16x1.5	**JVM16**
3/8" BSP	**JVBSP06**
M18x1.5	**JVM18**
M20x1.5	**JVM20**
1/2" BSP	**JVBSP08**
M22x1.5	**JVM22**
3/4" BSP - M26x1.5	**JVBSP12**
1" BSP - M33x2	**JVBSP16**
1"1/4 BSP - M42x2	**JVBSP20**
1"1/2 BSP - M48x2	**JVBSP24**
2" BSP	**JVBSP32**

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Vomo

Tool for manual pre-assembly

Outil pour pre-montage

Utensili di premontaggio



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	12x1.5	**Z VOMO L 6**	*
8	L	14x1.5	**Z VOMO L 8**	*
10	L	16x1.5	**Z VOMO L 10**	*
12	L	18x1.5	**Z VOMO L 12**	*
15	L	22x1.5	**Z VOMO L 15**	*
18	L	26x1.5	**Z VOMO L 18**	*
22	L	30x2.0	**Z VOMO L 22**	*
28	L	36x2.0	**Z VOMO L 28**	*
35	L	45x2.0	**Z VOMO L 35**	*
42	L	52x2.0	**Z VOMO L 42**	*
6	S	14x1.5	**Z VOMO S 6**	*
8	S	16x1.5	**Z VOMO S 8**	*
10	S	18x1.5	**Z VOMO S 10**	*
12	S	20x1.5	**Z VOMO S 12**	*
14	S	22x1.5	**Z VOMO S 14**	*
16	S	24x1.5	**Z VOMO S 16**	*
20	S	30x2.0	**Z VOMO S 20**	*
25	S	36x2.0	**Z VOMO S 25**	*
30	S	42x2.0	**Z VOMO S 30**	*

Material Acero Templado / *Made of Hardened tool-steel* / Matériel Acier Trempé / *Materiale acciaio temprato*

Grasa

Grease

Graisse

Lubrificante



PESO (gr) WEIGHT (gr)	Referencia Part n°
145	**GR ASW120**

*__Consultar__ / On request/ __Sur demande__ / Su richiesta

Racores DIN 2353

DIN 2353 Pipe fittings
Raccords à bague DIN 2353
Raccordi DIN 2353

Válvula antirretorno rosca BSP-tubo

Non-return valve flow from male stud end BSP cylindrical
Clapet anti-rétour unidirectionnel à gauche mâle-tube
Valvola di ritegno a sinistra con guarnizione piana

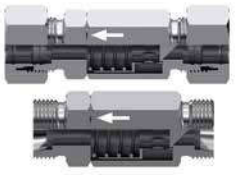


TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	1/8" BSP	**Z RHVL 6 R 1/8**	*
8	L	1/4" BSP	**Z RHVL 8 R 1/4**	*
10	L	1/4" BSP	**Z RHVL 10 R 1/4**	*
12	L	3/8" BSP	**Z RHVL 12 R 3/8**	*
15	L	1/2" BSP	**Z RHVL 15 R 1/2**	*
18	L	1/2" BSP	**Z RHVL 18 R 1/2**	*
22	L	3/4" BSP	**Z RHVL 22 R 3/4**	*
28	L	1" BSP	**Z RHVL 28 R 1**	*
35	L	1"1/4 BSP	**Z RHVL 35 R 1 1/4**	*
42	L	1"1/2 BSP	**Z RHVL 42 R 1 1/2**	*
6	S	1/4" BSP	**Z RHVS 6 R 1/4**	*
8	S	1/4" BSP	**Z RHVS 8 R 1/4**	*
10	S	3/8" BSP	**Z RHVS 10 R 3/8**	*
12	S	3/8" BSP	**Z RHVS 12 R 3/8**	*
14	S	1/2" BSP	**Z RHVS 14 R 1/2**	*
16	S	1/2" BSP	**Z RHVS 16 R 1/2**	*
20	S	3/4" BSP	**Z RHVS 20 R 3/4**	*
25	S	1" BSP	**Z RHVS 25 R 1**	*
30	S	1"1/4 BSP	**Z RHVS 30 R 1 1/4**	*
38	S	1"1/2 BSP	**Z RHVS 38 R 1 1/2**	*

Taraje 1 bar. Para otras presiones de tarado estandard, consultar. */ Setting 1 bar. For other standard spring pressures, consult us. /* Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous. */ Per altre pressioni di taratura standard, consultare.*

Válvula antirretorno tubo-tubo

Non-return valve tube-tube
Clapet anti-rétour bidirectionnel tube-tube
Valvola di ritegno tubo-tubo



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA
6	L	**Z RHDL 6**	40,22	**Z STA RHDL 6**
8	L	**Z RHDL 8**	49,73	**Z STA RHDL 8**
10	L	**Z RHDL 10**	48,16	**Z STA RHDL 10**
12	L	**Z RHDL 12**	58,01	**Z STA RHDL 12**
15	L	**Z RHDL 15**	68,36	**Z STA RHDL 15**
18	L	**Z RHDL 18**	94,43	**Z STA RHDL 18**
22	L	**Z RHDL 22**	127,45	**Z STA RHDL 22**
28	L	**Z RHDL 28**	212,20	**Z STA RHDL 28**
35	L	**Z RHDL 35**	760,41	**Z STA RHDL 35**
42	L	**Z RHDL 42**	1.176,73	**Z STA RHDL 42**
6	S	**Z RHDS 6**	40,55	**Z STA RHDS 6**
8	S	**Z RHDS 8**	42,09	**Z STA RHDS 8**
10	S	**Z RHDS 10**	50,15	**Z STA RHDS 10**
12	S	**Z RHDS 12**	59,02	**Z STA RHDS 12**
14	S	**Z RHDS 14**	72,26	**Z STA RHDS 14**
16	S	**Z RHDS 16**	85,62	**Z STA RHDS 16**
20	S	**Z RHDS 20**	112,03	**Z STA RHDS 20**
25	S	**Z RHDS 25**	194,34	**Z STA RHDS 25**
30	S	**Z RHDS 30**	326,02	**Z STA RHDS 30**
38	S	**Z RHDS 38**	715,02	**Z STA RHDS 38**

Taraje 1 bar. Para otras presiones de tarado estandard, consultar. */ Setting 1 bar. For other standard spring pressures, consult us. /* Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous. */ Per altre pressioni di taratura standard, consultare.*

Válvula antirretorno tubo-rosca BSP

Non-return valve flow towards male stud end BSP cylidrical
Clapet anti-rétour unidirectionnel à droite tube-mâle
Valvola di ritegno a destra con guarnizione piana



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	1/8" BSP	**Z RHZL 6 R 1/8**	*
8	L	1/4" BSP	**Z RHZL 8 R 1/4**	*
10	L	1/4" BSP	**Z RHZL 10 R 1/4**	*
12	L	3/8" BSP	**Z RHZL 12 R 3/8**	*
15	L	1/2" BSP	**Z RHZL 15 R 1/2**	*
18	L	1/2" BSP	**Z RHZL 18 R 1/2**	*
22	L	3/4" BSP	**Z RHZL 22 R 3/4**	*
28	L	1" BSP	**Z RHZL 28 R 1**	*
35	L	1"1/4 BSP	**Z RHZL 35 R 1 1/4**	*
42	L	1"1/2 BSP	**Z RHZL 42 R 1 1/2**	*
6	S	1/4" BSP	**Z RHZS 6 R 1/4**	*
8	S	1/4" BSP	**Z RHZS 8 R 1/4**	*
10	S	3/8" BSP	**Z RHZS 10 R 3/8**	*
12	S	3/8" BSP	**Z RHZS 12 R 3/8**	*
14	S	1/2" BSP	**Z RHZS 14 R 1/2**	*
16	S	1/2" BSP	**Z RHZS 16 R 1/2**	*
20	S	3/4" BSP	**Z RHZS 20 R 3/4**	*
25	S	1" BSP	**Z RHZS 25 R 1**	*
30	S	1"1/4 BSP	**Z RHZS 30 R 1 1/4**	*
38	S	1"1/2 BSP	**Z RHZS 38 R 1 1/2**	*

Taraje 1 bar. Para otras presiones de tarado estandard, consultar. */ Setting 1 bar. For other standard spring pressures, consult us. /* Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous. */ Per altre pressioni di taratura standard, consultare.*

Incorporamos válvulas antirretorno sin tuerca ni anillo

Non-return valve only body

*Consultar / On request / **Sur demande** / Su richiesta

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Tuercas JIC 37°

Nut JIC 37°

Écrou JIC 37°

Dado JIC



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS11006**
8	5/16"	1/2" 20h UNF	**ZS11008**
10	3/8"	9/16" 18h UNF	**ZS11010**
12	1/2"	3/4" 16h UNF	**ZS11012**
14-15-16	5/8"	7/8" 14h UNF	**ZS11016**
18-20	-	1"1/16 12h UN	**ZS11020**
-	3/4"	1"1/16 12h UNF	**ZS11020W**
25	1"	1"5/16 12h UN	**ZS11025**
30-32	1 1/4"	1"5/8 12h UN	**ZS11032**
38	1 1/2"	1"7/8 12h UN	**ZS11038**

Ferulas JIC 37° (tubo Métrico)

Metric tube slevees JIC 37°

Ferrules JIC 37° pour tube Métrique

Bussola JIC 37° per tubo Metrico



TUBO PIPE	Referencia Part n°
6	**ZS12006**
8	**ZS12008**
10	**ZS12010**
12	**ZS12012**
14	**ZS12014**
15	**ZS12015**
16	**ZS12016**
18	**ZS12018**
20	**ZS12020**
25	**ZS12025**
30	**ZS12030**
32	**ZS12032**
38	**ZS12038**

Ferulas JIC 37° (tubo Gas)

Tube sleeves Gas JIC 37°

Ferrules JIC 37° pour tube Gaz

Bussola JIC 37° per tubo gas



TUBO PIPE	Referencia Part n°
1/4"	**ZS12104**
5/16"	**ZS12105**
3/8"	**ZS12106**
1/2"	**ZS12108**
5/8"	**ZS12110**
3/4"	**ZS12112**
1"	**ZS12116**
1"1/4	**ZS12120**
1"1/2	**ZS12124**

Tapón macho JIC 37°

Plug male JIC 37°

Bouchon mâle JIC 37°

Tappo maschio JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS14006**
8	5/16"	1/2" 20h UNF	**ZS14008**
10	3/8"	9/16" 18h UNF	**ZS14010**
12	1/2"	3/4" 16h UNF	**ZS14012**
14-15-16	5/8"	7/8" 14h UNF	**ZS14016**
18-20	3/4"	1"1/16 12h UN	**ZS14020**
25	1"	1"5/16 12h UN	**ZS14025**
30-32	1 1/4"	1"5/8 12h UN	**ZS14032**
38	1 1/2"	1"7/8 12h UN	**ZS14038**

Tapón hembra giratoria JIC 37°

Cap JIC 37°

Bouchon femelle JIC 37°

Tappo femmina girevole JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16"-20h UNF	**ZS13006**
8	5/16"	1/2"-20h UNF	**ZS13008**
10	3/8"	9/16"-18h UNF	**ZS13010**
12	1/2"	3/4"-16h UNF	**ZS13012**
14-15-16	5/8"	7/8"-14h UNF	**ZS13016**
18-20	3/4"	1"1/16-12h UN	**ZS13020**
25	1"	1"5/16-12h UN	**ZS13025**
30-32	1 1/4"	1"5/8-12h UN	**ZS13032**
38	1 1/2"	1"7/8-12h UN	**ZS13038**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Racor macho-macho JIC 37°

Straight union JIC 37°

Adapteur droit mâle JIC 37°

Nipples maschio-maschio JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS26006**
8	5/16"	1/2" 20h UNF	**ZS26008**
10	3/8"	9/16" 18h UNF	**ZS26010**
12	1/2"	3/4" 16h UNF	**ZS26012**
14-15-16	5/8"	7/8" 14h UNF	**ZS26016**
18-20	3/4"	1"1/16 12h UN	**ZS26020**
25	1"	1"5/16 12h UN	**ZS26025**
30-32	1" 1/4	1"5/8 12h UN	**ZS26032**
38	1" 1/2	1"7/8 12h UN	**ZS26038**
50	2"	2" 1/2 12h UN	**ZS26050**

Racor reducción macho-macho JIC 37°

Reducer adaptor male JIC 37°

Adapteur réduction mâle JIC 37°

Nipples di riduzione maschio-maschio JIC 37°



TUBO PIPE		ROSCA THREAD		Referen Part n
8 5/16"	6 1/4"	1/2" 20h UNF	7/16" 20h UNF	**ZS26008**
10 5/16"	6 1/4"	9/16" 18h UNF	7/16" 20h UNF	**ZS26010**
10 3/8"	8 5/16"	9/16" 18h UNF	1/2" 20h UNF	**ZS26010**
12 1/2"	6 1/4"	3/4" 16h UNF	7/16" 20h UNF	NEW **ZS26012**
12 1/2"	10 3/8"	3/4" 16h UNF	9/16" 18h UNF	**ZS26012**
14-15-16 5/8"	12 1/2"	7/8" 14h UNF	3/4" 16h UNF	**ZS26016**
18-20 3/4"	14-15-16 5/8"	1"1/16 12h UN	7/8" 14h UNF	**ZS26020**
25 1"	18-20 3/4"	1"5/16 12h UN	1"1/16 12h UN	**ZS26025**
30-32 1"1/4	25 1"	1"5/8 12h UN	1"5/16 12h UN	**ZS26032**
38 1"1/2	30-32 1"1/4	1"7/8 12h UN	1"5/8 12h UN	**ZS26038**

Racor pasatabiques JIC 37°

Straight bulkhead fitting JIC 37°

Union passe cloison droite mâle JIC 37° équipé

Nipples passaparete JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS25006**
8	5/16"	1/2" 20h UNF	**ZS25008**
10	3/8"	9/16" 18h UNF	**ZS25010**
12	1/2"	3/4" 16h UNF	**ZS25012**
14-15-16	5/8"	7/8" 14h UNF	**ZS25016**
18-20	3/4"	1"1/16 12h UN	**ZS25020**
25	1"	1"5/16 12h UN	**ZS25025**
30-32	1" 1/4	1"5/8 12h UN	**ZS25032**
38	1" 1/2	1"7/8 12h UN	**ZS25038**

Racor macho-macho JIC 37° con junta

Straight union JIC 37° with o'ring

Adapteur droit mâle JIC 37° avec o'ring

Nipples maschio-maschio JIC 37° con O´ring



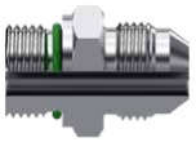
TUBO PIPE		ROSCA THREAD	Referencia Part n°	
6	1/4"	7/16" 20h UNF	**ZS26006OR**	
8	5/16"	1/2" 20h UNF	**ZS26008OR**	
10	3/8"	9/16" 18h UNF	**ZS26010OR**	
12	1/2"	3/4" 16h UNF	**ZS26012OR**	
14-15-16	5/8"	7/8" 14h UNF	**ZS26016OR**	
18-20	3/4"	1"1/16 12h UN	**ZS26020OR**	
25	1"	1"5/16 12h UN	**ZS26025OR**	
30-32	1" 1/4	1"5/8 12h UN	**ZS26032OR**	
38	1" 1/2	1"7/8 12h UN	**ZS26038OR**	1

Racor macho JIC 37° - macho Métrico

Metric adaptor male - male JIC 37°

Adapteur mâle JIC 37° – mâle Métrique

Nipples maschio JIC 37° - maschio metrico con O´ring



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	M10x1	7/16" 20h UNF	**ZS2400610**
8	5/16"	M10x1	1/2" 20h UNF	**ZS2400810***
8	5/16"	M12x1.5	1/2" 20h UNF	**ZS2400812**
8	5/16"	M14x1.5	1/2" 20h UNF	**ZS2400814***
10	3/8"	M12x1.5	9/16" 18h UNF	**ZS2401012**
10	3/8"	M14x1.5	9/16" 18h UNF	**ZS2401014**
10	3/8"	M16x1.5	9/16" 18h UNF	**ZS2401016**
12	1/2"	M14x1.5	3/4" 16h UNF	**ZS2401214**
12	1/2"	M16x1.5	3/4" 16h UNF	**ZS2401216**
12	1/2"	M18x1.5	3/4" 16h UNF	**ZS2401218**
14-15-16	5/8"	M18x1.5	7/8" 14h UNF	**ZS2401418**
14-15-16	5/8"	M27x2	7/8" 14h UNF	**ZS2401427***
14-15-16	5/8"	M22x1.5	7/8" 14h UNF	**ZS2401622**
18-20	3/4"	M22x1.5	1"1/16 12h UN	**ZS2402022**
18-20	3/4"	M27X2	1"1/16 12h UN	**ZS2402027**
25	1"	M27x2	1"5/16 12h UNF	**ZS2402527***
25	1"	M33x2	1"5/16 12h UN	**ZS2402533**
30-32	1" 1/4	M42x2	1"5/8 12h UN	**ZS2403242**
38	1" 1/2	M50x2	1"7/8 12h UN	**ZS2403850**

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

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Racor macho JIC 37° - macho NPT

Straight adaptor male JIC 37° - male NPT pipe

Adapteur mâle JIC 37° - mâle NPT (BRIGGS)

Nipples maschio JIC 37° - maschio conico NPT



TUBO PIPE		ROSCA THREAD		Referencia Part nº
6	1/4"	7/16" 20h UNF	1/8" NPT	**ZS2000610**
6	1/4"	7/16" 20h UNF	1/4" NPT	**ZS2000613**
6	1/4	7/16" 20h UNF	3/8" NPT	**ZS2000617**
8	5/16"	1/2" 20h UNF	1/8" NPT	**ZS2000810**
8	5/16"	1/2" 20h UNF	1/4" NPT	**ZS2000813**
8	5/16"	1/2" 20h UNF	3/8" NPT	**ZS2000817**
10	3/8"	9/16" 18h UNF	1/8" NPT	**ZS2001010**
10	3/8"	9/16" 18h UNF	1/4" NPT	**ZS2001013**
10	3/8"	9/16" 18h UNF	3/8" NPT	**ZS2001017**
10	3/8"	9/16" 18h UNF	1/2" NPT	**ZS2001021**
12	1/2"	3/4" 16h UNF	1/4" NPT	**ZS2001213**
12	1/2"	3/4" 16h UNF	3/8" NPT	**ZS2001217**
12	1/2"	3/4" 16h UNF	1/2" NPT	**ZS2001221**
12	1/2"	3/4" 16h UNF	3/4" NPT	**ZS2001226**
14-15-16	5/8"	7/8" 14h UNF	1/2" NPT	**ZS2001621**
14-15-16	5/8"	7/8" 14h UNF	3/4" NPT	**ZS2001626**
18-20	3/4"	1"1/16 12h UN	1/4" NPT	**ZS2002013**
18-20	3/4"	1"1/16 12h UN	1/2" NPT	**ZS2002021**
18-20	3/4"	1"1/16 12h UN	3/4" NPT	**ZS2002026**
18-20	3/4"	1"1/16 12h UN	1" NPT	**ZS2002033**
25	1"	1"5/16 12h UN	3/4" NPT	**ZS2002526**
25	1"	1"5/16 12h UN	1" NPT	**ZS2002533**
30-32	1"	1"5/16 12h UN	1" 1/4 NPT	**ZS2002542**
30-32	1" 1/4	1"5/8 12h UN	1" NPT	**ZS2003233**
30-32	1" 1/4	1"5/8 12h UN	1 1/4" NPT	**ZS2003242**
38	1" 1/2	1"7/8 12h UN	1" NPT	**ZS2003833**
38	1" 1/2	1"7/8 12h UN	1 1/4" NPT	**ZS2003842**
38	1" 1/2	1"7/8 12h UN	1 1/2" NPT	**ZS2003848**
50	2"	2" 1/2 12h UN	2" NPT	**ZS2005060**

Hembra giratoria JIC 37° - macho UNF

Straight adaptor swivel female JIC 37° - male UNF

Adapteur femelle tournante JIC 37° - mâle UNF

Niples femmina girevole JIC 37° - maschio UNF



TUBO PIPE		ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part nº	€
6	1/4"	7/16" 20h UNF	7/16" 20h UNF	**ZS38006**	*
10	3/8"	9/16" 18h UNF	9/16" 18h UNF	**ZS38010**	*
12	1/2"	3/4" 16h UNF	3/4" 16h UNF	**ZS38012**	*
14-15-16	5/8"	7/8" 14h UNF	7/8" 14h UNF	**ZS38016**	*
18-20	3/4"	1"1/16 12hUN	1"1/16 12h UN	**ZS38020**	*
25	1"	1"5/16 12h UN	1"5/16 12h UN	**ZS38025**	*

***Ver precios en p.185 (ADAPTADORES O´RING BOSS)** / **See prices in p.185 (O´RING BOSS ADAPTORS)* / **Prix à la p.185 (ADAPTEURS O´RING BOSS)* / **Vedere prezzi p.185 (ADATTATORI O´RING BOSS)*

Racor macho JIC 37° - macho BSP

Straight adaptor male JIC 37° - male BSP

Adapteur mâle JIC 37° - mâle BSP équipé

Nipples maschio JIC 37° - maschio BSP con rondella e O´ring



TUBO PIPE	ROSCA THREAD	TUBO PIPE	ROSCA THREAD	Referencia Part nº
6	1/8" BSP	1/4"	7/16" 20h UNF	**ZS2300610**
6	1/4" BSP	1/4"	7/16" 20h UNF	**ZS2300613**
6	3/8" BSP	1/4"	7/16" 20h UNF	**ZS2300617**
6	1/2" BSP	1/4"	7/16" 20h UNF	**ZS2300621**
8	1/4" BSP	5/16"	1/2" 20h UNF	**ZS2300813**
8	3/8" BSP	5/16"	1/2" 20h UNF	**ZS2300817**
10	1/4" BSP	3/8"	9/16" 18h UNF	**ZS2301013**
10	3/8" BSP	3/8"	9/16" 18h UNF	**ZS2301017**
10	1/2" BSP	3/8"	9/16" 18h UNF	**ZS2301021**
12	1/4" BSP	1/2"	3/4" 16h UNF	**ZS2301213**
12	3/8" BSP	1/2"	3/4" 16h UNF	**ZS2301217**
12	1/2" BSP	1/2"	3/4" 16h UNF	**ZS2301221**
12	3/4" BSP	1/2"	3/4" 16h UNF	**ZS2301226**
14-15-16	3/8" BSP	5/8"	7/8" 14h UNF	**ZS2301617**
14-15-16	1/2" BSP	5/8"	7/8" 14h UNF	**ZS2301621**
14-15-16	3/4" BSP	5/8"	7/8" 14h UNF	**ZS2301626**
18-20	1/2" BSP	3/4"	1"1/16 12h UN	**ZS2302021**
18-20	3/4" BSP	3/4"	1"1/16 12h UN	**ZS2302026**
18-20	1" BSP	3/4"	1"1/16 12h UN	**ZS2302033**
25	1/2" BSP	1"	1"5/16 12h UN	**ZS2302521***
25	3/4" BSP	1"	1"5/16 12h UN	**ZS2302526**
25	1" BSP	1"	1"5/16 12h UN	**ZS2302533**
25	1"1/4 BSP	1"	1"5/16 12h UN	**ZS2302542**
30-32	1"BSP	1"	1"5/8 12h UN	**ZS2303233**
30-32	1"1/4 BSP	1 1/4"	1"5/8 12h UN	**ZS2303242**
38	1"1/4 BSP	1 1/2"	1"7/8 12h UN	**ZS2303842**
38	1"1/2 BSP	1 1/2"	1"7/8 12h UN	**ZS2303848**
38	2" BSP	1 1/2"	1"7/8 12h UN	**ZS2303860**
40	1/2" BSP	2"	2"1/2 12h UN NEW	**ZS2305021**

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

Racor macho BSP - hembra giratoria JIC 37°

Straight adaptor male BSP - swivel female JIC 37°

Adapteur mâle BSP - femelle tournante JIC 37°

Adattatore maschio BSP con rondella e O´ring - femmina girevole JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part nº
6	1/4"	1/8" BSP	7/16" 20h UNF	**ZS1800610**
8	5/16"	1/4" BSP	1/2" 20h UNF	**ZS1800813**
10	3/8"	1/4" BSP	9/16" 18h UNF	**ZS1801013**
10	3/8"	3/8" BSP	9/16" 18h UNF	**ZS1801017**
10	3/8"	1/2" BSP	9/16" 18h UNF	**ZS1801021**
12	1/2"	3/8" BSP	3/4" 16h UNF	**ZS1801217**
14-15-16	5/8"	1/2" BSP	H 3/4" 16h UNF	**ZS1801221**
14-15-16	5/8"	1/2" BSP	7/8" 14h UNF	**ZS1801621**
18-20	3/4"	3/4" BSP	1" 1/16 12h UNF	**ZS1802026**
25	1"	1" BSP	1" 5/16 12h UNF	**ZS1802533**
30-32	1" 1/4	1" 1/4 BSP	1" 5/8 12h UNF	**ZS1803242**
38	1" 1/2	1" 1/2 BSP	1" 7/8 12h UNF	**ZS1803848**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Racor macho JIC 37° - macho BSPT

Straight adaptor male JIC 37° - male BSPT

Adapteur mâle JIC 37° - mâle BSPT

Nipples maschio JIC 37° - maschio conico BSPT



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" 20h UNF	1/8" BSPT	**ZS2100610**
6	1/4"	7/16" 20h UNF	1/4" BSPT	**ZS2100613**
8	5/16"	1/2" 20h UNF	1/8" BSPT	**ZS2100810**
8	5/16"	1/2" 20h UNF	1/4" BSPT	**ZS2100813**
8	5/16"	1/2" 20h UNF	3/8" BSPT	**ZS2100817**
10	3/8"	9/16" 18h UNF	1/4" BSPT	**ZS2101013**
10	3/8"	9/16" 18h UNF	3/8" BSPT	**ZS2101017**
10	3/8"	9/16" 18h UNF	1/2" BSPT	**ZS2101021**
12	1/2"	3/4" 16h UNF	1/4" BSPT	**ZS2101213**
12	1/2"	3/4" 16h UNF	3/8" BSPT	**ZS2101217**
12	1/2"	3/4" 16h UNF	1/2" BSPT	**ZS2101221**
12	1/2"	3/4" 12h UNF	3/4" BSPT	**ZS2101226**
14-15-16	5/8"	7/8" 14h UNF	3/8" BSPT	**ZS2101617**
14-15-16	5/8"	7/8" 14h UNF	1/2" BSPT	**ZS2101621**
14-15-16	5/8"	7/8" 14h UNF	3/4" BSPT	**ZS2101626**
18-20	3/4"	1"1/16 12h UN	1/2" BSPT	**ZS2102021**
18-20	3/4"	1"1/16 12h UN	3/4" BSPT	**ZS2102026**
18-20	3/4"	1"1/16 12h UN	1" BSPT	**ZS2102033**
25	1"	1"5/16 12h UN	3/4" BSPT	**ZS2102526**
25	1"	1"5/16 12h UN	1" BSPT	**ZS2102533**
30-32	1" 1/4	1"5/8 12h UN	1" BSPT	**ZS2103233**
30-32	1" 1/4	1"5/8 12h UN	1 1/4" BSPT	**ZS2103242**
38	1" 1/2	1"7/8 12h UN	1 1/2" BSPT	**ZS2103848**

Racor macho JIC 37° - hembra fija NPT

Straight adaptor male JIC 37° - fixed female NPT

Adapteur mâle JIC 37° - femelle fixe NPT

Adattatore maschio JIC 37° - femmina fissa NPT



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16"-20h UNF	1/8" NPT	**ZS2950610**
6	1/4"	7/16"-20h UNF	1/4" NPT	**ZS2950613**
6	3/8"	7/16"-20h UNF	3/8" NPT	NEW **ZS2950617**
6	1/2"	7/16"-20h UNF	1/2" NPT	NEW **ZS2950621**
8	5/16"	1/2"-20h UNF	1/4" NPT	**ZS2950813**
8	5/16"	1/2"-20h UNF	3/8" NPT	**ZS2950817**
10	3/8"	9/16"-20h UNF	1/4" NPT	**ZS2951013**
10	3/8"	9/16"-20h UNF	3/8" NPT	**ZS2951017**
10	1/2"	9/16"-20h UNF	1/2" NPT	NEW **ZS2951021**
12	1/2"	3/4"-20h UNF	1/4" NPT	**ZS2951213**
12	1/2"	3/4"-20h UNF	3/8" NPT	**ZS2951217**
12	1/2"	3/4"-20h UNF	1/2" NPT	**ZS2951221**
14-15-16	5/8"	7/8"-14h UNF	1/2" NPT	**ZS2951621**
18-20	3/4"	1"1/16-12h UNF	3/4" NPT	**ZS2952026**
18-20	3/4"	1"1/16-12h UNF	1" NPT	**ZS2952033**
25	1"	1"5/16-12 UNF	3/4" NPT	NEW **ZS2952526**
25	1"	1"5/16-12 UNF	1" NPT	**ZS2952533**
25	1"	1"5/16-12 UN	1"1/4 NPT	**ZS2952542**
30-32	1" 1/4	1" 5/8-12h UNF	1" NPT	NEW **ZS2953233**
30-32	1" 1/4	1" 5/8-12h UNF	1" 1/4 NPT	**ZS2953242**
38	1" 1/2	1"7/8 12h UN	1" 1/2 NPT	NEW **ZS2953842**
38	1 1/2	1" 7/8-12h UNF	1" 1/2 NPT	**ZS2953848**
50	2" 1/2	2" 1/2 12h UNF	2" NPT	NEW **ZS2955060**

Adaptador Macho JIC - hembra giratoria JIC 37°

Adaptor male JIC - swivel female JIC

Adapteur mâle JIC x femelle tournante JIC

Adattatore maschio JIC 37° - femmina girevole JIC 37°



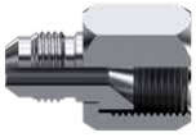
TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" 20 UNF	7/16" 20 UNF	**ZS7400606**
8	5/16"	1/2" 20 UNF	1/2" 20 UNF	**ZS7400808**
10	3/8"	9/16" 18 UNF	9/16" 18 UNF	**ZS7401010**
12	1/2"	3/4" 16 UNF	3/4" 16 UNF	**ZS7401212**
14-15-16	5/8"	7/8" 14 UNF	7/8" 14 UNF	**ZS7401616**
18-20	3/4"	1"1/16 12 UNF	1"1/16 12 UNF	**ZS7402020**
25	1"	1"5/16 12 UNF	1"5/16 12 UNF	**ZS7402525**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Racor reducción macho JIC 37° - hembra giratoria JIC 37°

Reducer adaptor male JIC 37° -swivel female JIC 37°
Adapteur réduction mâle JIC 37° - femelle tournante JIC 37°
Nipples di riduzione maschio - femmina girevole JIC 37°



ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	TUBO (H) PIPE (F)	TUBO (M) PIPE (M)	Referencia Part n°
9/16" 18h UNF	7/16" 20h UNF	10	6	**ZS2911006**
9/16" 18h UNF	3/4" 16h UNF	10	12	**ZS2911012**
9/16" 18h UNF	7/8" 14h UNF	10	14-15-16	**ZS2911016**
3/4" 16h UNF	7/16" 20h UNF	12	6	**ZS2911206**
3/4" 16h UNF	1/2" 20h UNF	12	8	**ZS2911208**
3/4" 16h UNF	9/16" 18h UNF	12	10	**ZS2911210**
3/4" 16h UNF	1"1/16 12h UN	12	18-20	**ZS2911220**
3/4" 16h UNF	1"5/16 12h UN	12	25	**ZS2911225**
7/8" 14h UNF	7/16" 20h UNF	14-15-16	6	**ZS2911606**
7/8" 14h UNF	9/16" 18h UNF	14-15-16	10	**ZS2911610**
7/8" 14h UNF	1"1/16 12h UN	14-15-16	18-20	**ZS2911620**
1"1/16 12h UN	7/16" 20h UNF	18-20	6	**ZS2912006**
1"1/16 12h UN	9/16" 18h UNF	18-20	10	**ZS2912010**
1"1/16 12h UN	3/4" 16h UNF	18-20	12	**ZS2912012**
1"5/16 12h UN	1"1/16 12h UN	25	18-20	**ZS2912520**
1" 5/8 12h UN	7/8" 14h UNF	32	16	**ZS2913216**
1" 5/8 12h UN	1"5/16 12h UN	32	20	**ZS2913220**
1" 5/8 12h UN	1"5/16 12h UN	30-32	25	**ZS2913225**
1"7/8 14h UNF	1" 5/8 12h UN	38	32	NEW **ZS2913832**

Pueden ser suministradas con tuerca libre o prensada / *Material could be delivered with loose o nut* / Peut être livrée avec écrou libre ou pré-serti / *Fornibile con dado libero o pressato*

Racor reducción macho JIC 37 - hembra fija JIC 37°

Reducer adaptor male JIC 37° - fixed female JIC 37°
Adapteur réduction mâle JIC 37° - femelle fixe JIC 37°
Nipples di riduzione maschio - femmina fissa JIC 37°



TUBO (H) PIPE (F)	TUBO (M) PIPE (M)	ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°
6	8	7/16" 20h UNF	1/2" 20h UNF	**ZS2900608**
6	10	7/16" 20h UNF	9/16" 18 UNF	**ZS2900610**
6	12	7/16" 20h UNF	3/4" 16h UNF	**ZS2900612**
6	25	7/16" 20h UNF	1"5/16 12h UN	**ZS2900625**
8	14-15-16	1/2" 20h UNF	7/8" 14h UNF	**ZS2900816**
8	18-20	1/2" 20h UNF	1"1/16 12h UN	**ZS2900820**
8	25	1/2" 20h UNF	1"5/16 12h UN	**ZS2900825**
10	8	9/16" 18h UNF	1/2" 20h UNF	**ZS2901008**
10	25	9/16" 18h UNF	1"5/16 12h UN	**ZS2901025**
12	30-32	3/4" 16h UNF	1"5/8 12h UN	**ZS2901232**
12	38	3/4" 16h UNF	1"7/8 12h UN	**ZS2901238**
14-15-16	12	7/8" 14h UNF	3/4" 16h UNF	**ZS2901612**
14-15-16	25	7/8" 14h UNF	1"5/16 12h UN	**ZS2901625**
14-15-16	30-32	7/8" 14h UNF	1"5/8 12h UN	**ZS2901632**
14-15-16	38	7/8" 14h UNF	1"7/8 12h UN	**ZS2901638**
18-20	30-32	1"1/16 12h UN	1"5/16 12h UN	**ZS2902025**
18-20	30-32	1"1/16 12h UN	1"5/8 12h UN	**ZS2902032**
25	30-32	1"5/16 12h UN	1"5/8 12h UN	**ZS2902532**
25	38	1"5/16 12h UN	1"7/8 12h UN	**ZS2902538**
38	30-32	1"7/8 12h UN	1"5/8 12h UN	**ZS2903832**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Hembra giratoria JIC 37° - macho NPT

Straight adaptor swivel female JIC 37° - male NPT pipe

Adapteur femelle tournante JIC 37° - mâle NPT

Niples femmina girevole JIC 37° - maschio NPT



ROSCA THREAD		Referencia Part n°
7/16"-20h UNF	1/4" NPT	**ZS1850613**
9/16"-18h UNF	3/8" NPT	**ZS1851017**
3/4"-16h UNF	3/8" NPT	**ZS1851217**
3/4"-16h UNF	1/2" NPT	**ZS1851221**
7/8"-14h UNF	1/2" NPT	**ZS1851621**
1"1/16-12h UNF	3/4" NPT	**ZS1852026**
1"5/16-12h UNF	1" NPT	**ZS1852533**
1" 7/8-12h UN	1" 1/2 NPT	**ZS1853848**

Juntas tóricas FKM verde para macho Métrico

FKM green o'ring for Metric thread

Joint torique FKM vert pour filetage métrique

O´ring FKM verde per maschio metrico



ROSCA THREAD	Referencia Part n°
M10x1	**JVMET10**
M14x1.5	**JVMET14**
M16x1.5	**JVMET16**
M18x1.5	**JVMET18**
M22x1.5	**JVMET22**
M27x2	**JVMET27**
M33x2	**JVMET33**
M42x2	**JVMET42**
M50x2	**JVMET50**

Juntas tóricas FKM verde para rosca UNF

FKM green o'ring for UNF thread

Joint torique FKM vert pour filetage UNF

O´ring FKM verde per filetto UNF



ROSCA THREAD	Referencia Part n°
7/16" UNF	**JVUNF06**
1/2" UNF	**JVUNF08**
9/16" UNF	**JVUNF10**
3/4" UNF	**JVUNF12**
7/8" UNF	**JVUNF16**
1" 1/16 UNF	**JVUNF20**
1"5/16 UNF	**JVUNF25**
1" 5/8 UNF	**JVUNF32**
1" 7/8 UNF	**JVUNF38**

Racor hembra giratoria - hembra giratoria JIC 37°

Straight adaptor swivel female JIC 37°

Adapteur femelle tournante JIC 37°

Niples femmina - femmina girevole JIC



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS73006**
8	5/16"	1/2" 20h UNF	**ZS73008**
10	3/8"	9/16" 18h UNF	**ZS73010**
12	1/2"	3/4" 16h UNF	**ZS73012**
14-15-16	5/8"	7/8" 14h UNF	**ZS73016**
18-20	3/4"	1"1/16 12h UN	**ZS73020**
25	1"	1"5/16 12h UN	**ZS73025**
32	1"1/4	1"5/8 12h UN	**ZS73032**
38	1"1/2	1"7/8 12h UN	**ZS73038**

Juntas tóricas FKM verde para macho BSP

FKM green o'ring for BSP thread

Joint torique FKM vert pour mâle BSP

O´ring FKM verde per maschio BSP



ROSCA THREAD	Referencia Part n°
1/8" BSP	**JVMBSP02**
1/4" BSP	**JVMBSP04**
3/8" BSP	**JVMBSP06**
1/2" BSP	**JVMBSP08**
3/4" BSP	**JVMBSP12**
1" BSP	**JVMBSP16**
1"1/4 BSP	**JVMBSP20**
1"1/2 BSP	**JVMBSP24**
2" BSP	**JVMBSP32**

Juntas para Macho JIC FKM verde

FKM green o'ring for JIC male thread

Joint FKM vert pour mâle JIC

O´ring FKM verde per filetto JIC



ROSCA THREAD	Referencia Part n°
7/16" 20h UNF	**JTVJIC07**
9/16" 18h UNF	**JTVJIC09**
3/4" 16h UNF	**JTVJIC12**
1"1/16 12h UNF	**JTVJIC17**
1" 5/16 12h UN	**JTVJIC21**
1"5/8 12h UNF	**JTVJIC26**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Codo 90° macho - macho JIC 37°

90° Elbow male - male JIC 37°

Coude 90° mâle - mâle JIC 37°

Adattatore a 90° maschio - maschio JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS50006**
8	5/16"	1/2" 20h UNF	**ZS50008**
10	3/8"	9/16" 18h UNF	**ZS50010**
12	1/2"	3/4" 16h UNF	**ZS50012**
14-15-16	5/8"	7/8" 14h UNF	**ZS50016**
18-20	3/4"	1"1/16 12h UN	**ZS50020**
25	1"	1"5/16 12h UN	**ZS50025**
30-32	1"1/4	1"5/8 12h UN	**ZS50032**
38	1"1/2	1"7/8 12h UN	**ZS50038**

Codo 90° macho JIC 37° - hembra giratoria JIC 37°

90° Elbow swivel female JIC 37° - male JIC 37°

Coude 90° mâle JIC 37° - femelle tournante JIC 37°

Adattatore a 90° maschio JIC 37° - femmina girevole JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" 20h UNF	7/16" 20h UNF	**ZS67506**
8	5/16"	1/2" 20h UNF	1/2" 20h UNF	**ZS67508**
10	3/8"	9/16" 18h UNF	9/16" 18h UNF	**ZS67510**
12	1/2"	3/4" 16h UNF	3/4" 16h UNF	**ZS67512**
14-15-16	5/8"	7/8" 14h UNF	7/8" 14h UNF	**ZS67516**
18-20	3/4"	1"1/16 12h UNF	1"1/16 12h UNF	**ZS67520**
25	1"	1"5/16 12h UNF	1"5/16 12h UNF	**ZS67525**
30-32	1"1/4	1"5/8 12h UNF	1"5/8 12h UNF	**ZS67532**
38	1"1/2	1"7/8 12h UNF	1"7/8 12h UNF	**ZS67538**

Codo 90° macho JIC 37° - hembra fija NPT

90° Elbow male JIC 37° - fixed female NPT

Coude 90° JIC 37° - femelle fixe NPT

Adattatore a 90° maschio JIC 37° - femmina fissa NPT



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" 20h UNF	1/4" NPT	**ZS7000613**
10	3/8"	9/16" 18h UNF	3/8" NPT	**ZS7001017**
12	1/2"	3/4" 16h UNF	1/2" NPT	**ZS7001221**
18-20	3/4"	1"1/16 12h UNF	3/4" NPT	**ZS7002026**
25	1"	1"5/16 12h UNF	1" NPT	**ZS7002533**

Codo 90° macho - macho JIC 37° con junta

90° Elbow male - male JIC 37° with o'ring

Coude 90° mâle - mâle JIC 37° avec o'ring

Adattatore a 90° maschio - maschio JIC 37° con o'ring



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS500060R**
8	5/16"	1/2" 20h UNF	**ZS500080R**
10	3/8"	9/16" 18h UNF	**ZS500100R**
12	1/2"	3/4" 16h UNF	**ZS500120R**
14-15-16	5/8"	7/8" 14h UNF	**ZS500160R**
18-20	3/4"	1"1/16 12h UN	**ZS500200R**
25	1"	1"5/16 12h UN	**ZS500250R**
30-32	1" 1/4	1"5/8 12h UN	**ZS500320R**
38	1" 1/2	1"7/8 12h UN	**ZS500380R**

Codo 90° pasatabiques macho - macho JIC 37°

90° Bulkhead elbow male - male JIC 37°

Coude 90° passe cloison mâle-mâle JIC 37°

Adattatore a 90° passaparete maschio - maschio JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" - 20h UNF	7/16" - 20h UNF	**ZS65006**
8	5/16"	1/2" - 20h UNF	1/2" - 20h UNF	**ZS65008**
10	3/8"	9/16" - 18h UNF	9/16" - 18h UNF	**ZS65010**
12	1/2"	3/4" - 16h UNF	3/4" - 16h UNF	**ZS65012**
14-15-16	5/8"	7/8" - 14h UNF	7/8" - 14h UNF	**ZS65016**
18-20	3/4"	1" 1/16 - 12h UN	1" 1/16 - 12h UN	**ZS65020**
25	1"	1" 5/16 - 12h UN	1" 5/16 - 12h UN	**ZS65025**

Codo 90° regulable macho JIC 37° - macho BSP

90° Adjustable stud elbow male JIC 37°-male BSP

Coude 90° orientable mâle JIC 37°- mâle BSP

Adattatore 90° maschio orientabile BSP – maschio JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" 20h UNF	1/4" BSP	**ZS5700613**
6	1/4"	1/2" 20h UNF	1/4" BSP	**ZS5700813**
10	3/8"	9/16 18H UNF	1/4" BSP	**ZS5701013**
10	3/8"	9/16" 18h UNF	3/8" BSP	**ZS5701017**
12	1/2"	3/4 20H UNF	3/8" BSP	**ZS5701217**
12	1/2"	3/4" 16h UNF	1/2" BSP	**ZS5701221**
14-15-16	5/8"	7/8" 14h UNF	1/2" BSP	**ZS5701621**
18-20	3/4"	1"1/16 12h UN	3/4" BSP	**ZS5702026**
25	1"	1"5/16 12h UN	1" BSP	**ZS5702533**
30-32	1" 1/4	1 5/8 12H UN	1" 1/4 BSP	**ZS5703242**
38	1" 1/2	1"7/8 12h UN	1"1/2 BSP	**ZS5703848**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Codo 90° regulable macho O'Ring Boss - macho JIC 37

90° Adjustable elbow male O'Ring Boss -male JIC 37°
Coude 90° orientable mâle O'Ring Boss - mâle JIC 37°
Adattatore 90° maschio orientabile O'ring Boss – maschio JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°	€
6	1/4"	7/16"-20h UNF	7/16"-20h UNF	**ZS57506**	*
8	5/16"	1/2"-20h UNF	1/2"-20h UNF	**ZS57508**	*
10	3/8"	9/16"-18h UNF	9/16"-18h UNF	**ZS57510**	*
12	1/2"	3/4"-16h UNF	3/4"-16h UNF	**ZS57512**	*
14-15-16	5/8"	7/8"-14h UNF	7/8"-14h UNF	**ZS57516**	*
18-20	3/4"	1"1/16-12h UN	1"1/16-12h UN	**ZS57520**	*
25	1"	1"5/16-12h UN	1"5/16-12h UN	**ZS57525**	*

***Ver precios en p. 186 (ADAPTADORES O´RING BOSS)** / **See prices in p. 186 (O´RING BOSS ADAPTORS)* / **Voir prix à la p. 186 (ADAPTEURS O´RING BOSS)* / **Vedere prezzi p. 186 (ADATTATORI O´RING BOSS)*

Codo 90° macho JIC 37° - macho BSPT

90° Elbow male JIC 37° - male BSPT
Coude 90° mâle JIC 37° - mâle BSPT
Adattatore a 90° maschio JIC 37° - maschio BSPT



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	1/8" BSPT	7/16" 20h UNF	**ZS5500610**
6	1/4"	1/4" BSPT	7/16" 20h UNF	**ZS5500613**
8	5/16"	1/8" BSPT	1/2" 20h UNF	**ZS5500810**
8	5/16"	1/4" BSPT	1/2" 20h UNF	**ZS5500813**
10	3/8"	1/4" BSPT	9/16" 18h UNF	**ZS5501013**
10	3/8"	3/8" BSPT	9/16" 18h UNF	**ZS5501017**
10	3/8"	1/2" BSPT	9/16" 18h UNF	**ZS5501021**
12	1/2"	1/4" BSPT	3/4" 16h UNF	**ZS5501213**
12	1/2"	3/8" BSPT	3/4" 16h UNF	**ZS5501217**
12	1/2"	1/2" BSPT	3/4" 16h UNF	**ZS5501221**
14-15-16	5/8"	3/8" BSPT	7/8" 14h UNF	**ZS5501617**
14-15-16	5/8"	1/2" BSPT	7/8" 14h UNF	**ZS5501621**
14-15-16	5/8"	3/4" BSPT	7/8" 14h UNF	**ZS5501626**
18-20	3/4"	1/2" BSPT	1"1/16 12h UN	**ZS5502021**
18-20	3/4"	3/4" BSPT	1"1/16 12h UN	**ZS5502026**
25	1"	3/4" BSPT	1"5/16 12h UN	**ZS5502526**
25	1"	1" BSPT	1"5/16 12h UN	**ZS5502533**
30-32	1" 1/4	1 1/4" BSPT	1"5/8 12h UN	**ZS5503242***

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

Codo 90° macho NPT - hembra giratoria JIC 37°

90° Elbow male NPT - swivel female JIC 37°
Coude 90° mâle NPT - femelle tournante JIC 37°
Adattatore a 90° maschio NPT - femmina girevole JIC 37°



ROSCA THREAD		Referencia Part n°
1/8" NPT	7/16"-20h UNF	**ZS5950610**
1/4" NPT	1/2"-20h UNF	**ZS5950813**
1/4" NPT	9/16"-18h UNF	**ZS5951013**
3/8" NPT	3/4"-16h UNF	**ZS5951217**
1/2" NPT	7/8"-14h UNF	**ZS5951621**
3/4" NPT	1"1/16"-12h UN	**ZS5952026**
1" NPT	1"5/16"-12h UN	**ZS5952533**

Codo 90° macho JIC 37° - macho NPT

90° Elbow male JIC 37° - male NPT
Coude 90° mâle JIC 37° - mâle NPT
Adattatore a 90° maschio JIC 37° - maschio NPT



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	1/8" NPT	7/16" 20h UNF	**ZS5250610**
6	1/4"	1/4" NPT	7/16" 20h UNF	**ZS5250613**
8	5/16"	1/8" NPT	1/2" 20h UNF	**ZS5250810**
8	5/16"	1/4" NPT	1/2" 20h UNF	**ZS5250813**
10	3/8"	1/4" NPT	9/16" 18h UNF	**ZS5251013**
10	3/8"	3/8" NPT	9/16" 18h UNF	**ZS5251017**
10	3/8"	1/2" NPT	9/16" 18h UNF	**ZS5251021**
12	1/2"	1/4" NPT	3/4" 16h UNF	**ZS5251213**
12	1/2"	3/8" NPT	3/4" 16h UNF	**ZS5251217**
12	1/2"	1/2" NPT	3/4" 16h UNF	**ZS5251221**
14-15-16	5/8"	3/8" NPT	7/8" 14h UNF	**ZS5251617**
14-15-16	5/8"	1/2" NPT	7/8" 14h UNF	**ZS5251621**
14-15-16	5/8"	3/4" NPT	7/8" 14h UNF	**ZS5251626**
18-20	3/4"	1/2" NPT	1"1/16 12h UN	**ZS5252021**
18-20	3/4"	3/4" NPT	1"1/16 12h UN	**ZS5252026**
25	1"	3/4" NPT	1"5/16 12h UN	**ZS5252526**
25	1"	1" NPT	1"5/16 12h UN	**ZS5252533**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

Codo 45° macho JIC 37° - hembra giratoria JIC 37°

45° Elbow male JIC 37° - swivel female JIC 37°

Coude 45° mâle JIC 37° - femelle tournante JIC 37°

Adattatore a 45° maschio JIC 37° - femmina girevole JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" 20h UNF	7/16" 20h UNF	**ZS69006**
8	5/16"	1/2" 20h UNF	1/2" 20h UNF	**ZS69008**
10	3/8"	9/16" 18h UNF	9/16" 18h UNF	**ZS69010**
12	1/2"	3/4" 16h UNF	3/4" 16h UNF	**ZS69012**
14-15-16	5/8"	7/8" 14h UNF	7/8" 14h UNF	**ZS69016**
18-20	3/4"	1"1/16 12h UN	1"1/16 12h UN	**ZS69020**
25	1"	1"5/16 12h UN	1"5/16 12h UN	**ZS69025**

Codo 45° regulable macho - macho JIC 37°

45° Adjustable stud elbow male - male JIC 37°

Coude 45° orientable mâle - mâle JIC 37°

Adattatore a 45° orientabile maschio UNF - maschio JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16" - 20h UNF	7/16" - 20h UNF	**ZS77506**
8	5/16"	1/2" - 20h UNF	1/2" - 20h UNF	**ZS77508**
10	3/8"	9/16" - 18h UNF	9/16" - 18h UNF	**ZS77510**
12	1/2"	3/4" - 16h UNF	3/4" - 16h UNF	**ZS77512**
14-15-16	5/8"	7/8" - 14h UNF	7/8" - 14h UNF	**ZS77516**
18-20	3/4"	1" 1/16 - 12h UN	1" 1/16 - 12h UN	**ZS77520**

Codo 45° macho JIC 37° - macho NPT

45° Elbow male JIC 37° - male NPT pipe

Coude 45° mâle JIC 37° - mâle NPT

Adattatore a 45° maschio JIC 37° - maschio NPT



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	1/4" NPT	7/16" 20h UNF	**ZS7250613**
10	3/8"	3/8" NPT	9/16" 18h UNF	**ZS7251017**
12	1/2"	1/2" NPT	3/4" 16h UNF	**ZS7251221**
18-20	3/4"	3/4" NPT	1"1/16 12h UN	**ZS7252026**
25	1"	1" NPT	1"5/16 12h UN	**ZS7252533**

Racores JIC 37°

Flare fittings JIC 37°
Adapteurs JIC 37°
Raccordi JIC 37°

TE macho - macho - macho JIC 37°

Union tee male JIC 37°

Té égal mâle JIC 37°

Adattatore a T maschio JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS50506**
8	5/16"	1/2" 20h UNF	**ZS50508**
10	3/8"	9/16" 18h UNF	**ZS50510**
12	1/2"	3/4" 16h UNF	**ZS50512**
14-15-16	5/8"	7/8" 14h UNF	**ZS50516**
18-20	3/4"	1"1/16 12h UN	**ZS50520**
25	1"	1"5/16 12h UN	**ZS50525**
30-32	1" 1/4	1"5/8 12h UN	**ZS50532**
38	1" 1/2	1"7/8 12h UN	**ZS50538**

TE macho - macho - hembra giratoria JIC 37°

Tee male JIC 37° - male JIC 37° - swivel nut JIC 37°

Té mâle JIC 37° - mâle JIC 37° - femelle tournante JIC 37° au latéral

Adattatore a T maschio - maschio - femmina girevole JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS68006**
8	5/16"	1/2" 20h UNF	**ZS68008**
10	3/8"	9/16" 18h UNF	**ZS68010**
12	1/2"	3/4" 16h UNF	**ZS68012**
14-15-16	5/8"	7/8" 14h UNF	**ZS68016**
18-20	3/4"	1"1/16 12h UN	**ZS68020**
25	1"	1"5/16 12h UN	**ZS68025**
32	1" 1/4	1"5/8 12h UN	**ZS68032**
38	1" 1/2	1"7/8 12h UN	**ZS68038**

TE macho JIC 37° - macho JIC 37° - macho NPT

Tee male JIC 37° - male JIC 37° - male NPT

Té mâle JIC 37° - mâle JIC 37° - mâle NPT

Adattatore a T maschio JIC 37° - maschio JIC 37° - maschio NPT



ROSCA THREAD			Referencia Part n°
7/16"-20h UNF	7/16"-20h UNF	1/8" NPT	**ZS6300610**
1/2"-20h UNF	1/2"-20h UNF	1/4" NPT	**ZS6300813**
9/16"-18h UNF	9/16"-18h UNF	1/4" NPT	**ZS6301013**
3/4"-16h UNF	3/4"-16h UNF	3/8" NPT	**ZS6301217**
7/8"-14h UNF	7/8"-14h UNF	1/2" NPT	**ZS6301621**
1"1/16-12h UN	1"1/16-12h UN	3/4" NPT	**ZS6302026**
1"5/16-12h UN	1"5/16-12h UN	1" NPT	**ZS6302533**

TE macho - macho - macho JIC 37° con junta

Union tee male JIC 37° with o'ring

Té égal mâle JIC 37° avec o'ring

Adattatore a T maschio JIC 37° con o'ring



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS50506OR**
8	5/16"	1/2" 20h UNF	**ZS50508OR**
10	3/8"	9/16" 18h UNF	**ZS50510OR**
12	1/2"	3/4" 16h UNF	**ZS50512OR**
14-15-16	5/8"	7/8" 14h UNF	**ZS50516OR**
18-20	3/4"	1"1/16 12h UN	**ZS50520OR**
25	1"	1"5/16 12h UN	**ZS50525OR**
30-32	1" 1/4	1"5/8 12h UN	**ZS50532OR**
38	1" 1/2	1"7/8 12h UN	**ZS50538OR**

TE macho - hembra giratoria - macho JIC 37°

Tee male JIC 37° - swivel nut JIC 37° - male JIC 37°

Té mâle JIC 37° - femelle tournante JIC 37° - mâle JIC 37°

Adattatore a T maschio - femmina girevole - maschio JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" 20h UNF	**ZS68506**
8	5/16"	1/2" 20h UNF	**ZS68508**
10	3/8"	9/16" 18h UNF	**ZS68510**
12	1/2"	3/4" 16h UNF	**ZS68512**
14-15-16	5/8"	7/8" 14h UNF	**ZS68516**
18-20	3/4"	1"1/16 12h UN	**ZS68520**
25	1"	1"5/16 12h UN	**ZS68525**
32	1" 1/4	1"5/8 12h UN	**ZS68532**
38	1" 1/2	1"7/8 12h UN	**ZS68538**

TE macho JIC 37° - macho NPT - macho JIC 37°

Tee male JIC 37° - male NPT - male JIC 37°

Té mâle JIC 37° - mâle NPT - mâle JIC 37°

Adattatore a T maschio JIC 37° - maschio NPT - maschio JIC 37°



ROSCA THREAD			Referencia Part n°
7/16"-20h UNF	1/8" NPT	7/16"-20h UNF	**ZS6250610**
1/2"-20h UNF	1/4" NPT	1/2"-20h UNF	**ZS6250813**
9/16"-18h UNF	1/4" NPT	9/16"-18h UNF	**ZS6251013**
3/4"-16h UNF	3/8" NPT	3/4"-16h UNF	**ZS6251217**
7/8"-14h UNF	1/2" NPT	7/8"-14h UNF	**ZS6251621**
1"1/16-12h UN	3/4" NPT	1"1/16-12h UN	**ZS6252026**
1"5/16-12h UN	1" NPT	1"5/16-12h UN	**ZS6252533**

Tubo TrΔle® SCH 143
SCH TrΔle® Rigid pipe
Tube rigide TrΔle® SCH
Tubo rigido TrΔle® SCH

Racores SCH - BUTT WELD 144
SCH BUTT WELD fittings
Raccords SCH - BUTT WELD
Raccordi SCH - BUTT WELDING

Racores SOCKET WELD 146
SOCKET WELD fittings
Raccords SOCKET WELD
Raccordi SOCKET WELD

Bridas SAE 148
SAE Flanges
Brides SAE
Flange SAE

Abrazaderas TrΔle® 155
TrΔle® Clamps
Colliers TrΔle®
Collari fissatubo TrΔle®



03

TUBO RÍGIDO TRΔLE® SCH / RACORES SCH / BRIDAS SAE / ABRAZADERAS

SCH TrΔle® Rigid pipe/ SCH fittings / SAE Flanges / Clamps

Tube rigide SCH TrΔle® / Embouts SCH/ Brides SAE / Colliers

Tubo rigido TrΔle® SCH/Raccordi SCH/Flange SAE/Collari fissatubo

Tubo TrΔle® SCH

SCH TrΔle® Rigid pipe
Tube rigide TrΔle® SCH
Tubo rigido TrΔle® SCH

Tubo SCH10 ▪ Schedule 10 ▪ Schedule 10 ▪ Schedule 10 | 143



ZTH10



ZTH10...-3

Tubo SCH40 ▪ Schedule 40 ▪ Schedule 40 ▪ Schedule 40 | 143



ZTH40



ZTH40...-3

Racores SCH - BUTT WELD

SCH BUTT WELD fittings
Raccords SCH – BUTT WELD
Raccordi SCH – BUTT WELDING

Racores Tubo SCH – BW ▪ SCH –BW Pipe Fittings ▪ Raccords SCH – BW ▪ Raccordi SCH – BW | 144


ZS9010


ZST100


ZSR100


ZSC100


ZS9040


ZST400


ZSR400


ZSC400

Racores SOCKET WELD

SOCKET WELD fittings
Raccords SOCKET WELD
Raccordi SOCKET WELD

Racores SOCKET WELD 3000 ▪ SOCKET WELD 3000 fittings ▪ Raccords SOCKET WELD 3000 ▪ SOCKET WELD 3000 raccordi | 146


ZSW390


ZSW3C


ZSW3T


ZSW3CR


ZSW3M

Racores SOCKET WELD 6000 ▪ SOCKET WELD 6000 fittings ▪ Raccords SOCKET WELD 6000 ▪ SOCKET WELD 6000 raccordi | 146


ZSW690


ZSW6M

Bridas SAE

SAE Flanges
Brides SAE
Flange SAE

Bridas para flexibles ▪ SAE Flanges for hoses ▪ Brides SAE pour flexibles ▪ Flange SAE per tubi flessibili | 148


ZBBP ZBBE ZBCE

Bridas roscadas ▪ Threaded flanges ▪ Brides taraudées ▪ Flange filettate | 149


ZBBRG ZBCRG ZB90RG

Bridas soldables tubo Gas ▪ Welding flanges for gas tube ▪ Brides à souder pour tube gaz ▪ Flange a saldare per tubo gas | 150


ZBBSG ZBCSG ZB90SG

Bridas soldables tubo Métrico ▪ Welding flanges for metric tube ▪ Brides à souder pour tube métrique ▪ Flange a saldare per tubo Metrico | 151


ZBBSM ZBCSM ZB90SM

Bridas ciegas ▪ Blind flanges ▪ Brides avec obturateur fermé ▪ Flange cieche | 152


ZBBC ZBCC

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ZBSM*1 ZBSG*1 ZBSM*0 ZBSG*0 ZBSW

Accesorios bridas ▪ Flange accessories ▪ Accessoires pour brides ▪ Accessori flange | 154


ZTB JBR ORING

Abrazaderas TrΔle®

TrΔle® Clamps
Colliers TrΔle®
Collari fissatubo TrΔle®

Abrazaderas completas serie ligera ▪ Complete clamps light serie ▪ Colliers complets série légère ▪ Collari fissatubo completo serie leggera | 155


ZA40AZ


ZA40AZPL


ZA41AZ


ZA41AZPL

Componentes abrazaderas serie ligera ▪ Components for clamps light serie ▪ Composants pour colliers série légère ▪ Componenti per collari fissatubo serie leggera | 156


A C


ZAPIN


ZAPS


ZAVTC


ZAVTE


ZAVTA


ZAPA


ZAPT


ZAPG

Dobles / paralelas ▪ Double clamp - parallel ▪ Colliers de fixation doubles ▪ Collari fissatubo doppi | 159


ZAZCFS


ZADPIN


ZADPS


AD C


ZADVTE


ZADP


ZADVT


ZADAG

Abrazaderas serie pesada ▪ Clamps heavy serie ▪ Colliers série lourde ▪ Collari fissatubo serie pesante | 161


ZAZCPS


AMPP C


ZAPINP


ZAPSP


ZAVTE


ZAPVTA


ZAPA

Accesorios abrazaderas ▪ Accesories for clamps ▪ Accessoires pour colliers ▪ Accessori per collari fissatubo | 162


TC/TS

Tubo TrΔle® SCH

SCH TrΔle® Rigid pipe
Tube rigide TrΔle® SCH
Tubo rigido TrΔle® SCH

Tubo rígido SCH10 - AISI 316 - 6 METROS

SCH 10 rigid pipe - 6 metres- AISI 316

Tube rigide SCH10 - 6 metres- AISI 316



Tubo rígido SCH10 - AISI 316- 6 metri

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°
1/2"	21.3	2.11	**ZTH10SC008**
3/4"	26.7	2.11	**ZTH10SC012**
1"	33.4	2.77	**ZTH10SC016**
1" 1/4	42.2	2.77	**ZTH10SC020**
1" 1/2	48.3	2.77	**ZTH10SC024**
2"	60.3	2.77	**ZTH10SC032**

Tubo rígido SCH40 - AISI 316 - 6 METROS

SCH 40 rigid pipe - 6 meters - AISI 316

Tube rigide SCH40 - 6 metres - AISI 316



Tubo rígido SCH40 - AISI 316 - 6 metri

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°	€/M
1/2"	21.3	2.77	**ZTH40SC008**	**47,17**
3/4"	26.7	2.87	**ZTH40SC012**	**61,76**
1"	33.4	3.38	**ZTH40SC016**	**82,48**
1" 1/4	42.2	3.56	**ZTH40SC020**	**97,02**
1" 1/2	48.3	3.68	**ZTH40SC024**	**123,41**
2"	60.3	3.91	**ZTH40SC032**	**187,51**

Tubo rígido SCH10 - AISI 316 - 3 METROS

SCH 10 rigid pipe - 3 meters - AISI 316

Tube rigide SCH10 - 3 metres - AISI 316



Tubo rígido SCH10 - AISI 316 - 3 metri

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°
1/2"	21.3	2.11	**ZTH10SC008-3**
3/4"	26.7	2.11	**ZTH10SC012-3**
1"	33.4	2.77	**ZTH10SC016-3**
1" 1/4	42.2	2.77	**ZTH10SC020-3**
1" 1/2	48.3	2.77	**ZTH10SC024-3**
2"	60.3	2.77	**ZTH10SC032-3**

Tubo rígido SCH40 - AISI 316 - 3 METROS

SCH 40 rigid pipe - 3 metres- AISI 316

Tube rigide SCH40 - 3 metres- AISI 316



Tubo rígido SCH40 - AISI 316 - 3 metri

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°	€/M
1/2"	21.3	2.77	**ZTH40SC008-3**	**49,53**
3/4"	26.7	2.87	**ZTH40SC012-3**	**64,84**
1"	33.4	3.38	**ZTH40SC016-3**	**86,61**
1" 1/4	42.2	3.56	**ZTH40SC020-3**	**101,87**
1" 1/2	48.3	3.68	**ZTH40SC024-3**	**129,58**
2"	60.3	3.91	**ZTH40SC032-3**	**196,89**



Racores SCH - BUTT WELD

SCH BUTT WELD fittings
Raccords SCH - BUTT WELD
Raccordi SCH - BUTT WELDING

Codo 90 SCH10

Elbow 90 Sch10

Coude 90 Sch10

Gomito 90 per Sch10



DN	Referencia Part n°
1/2"	ZS9010008
3/4"	ZS9010012
1"	ZS9010016
1" 1/4	ZS9010020
1" 1/2	ZS9010024
2"	ZS9010032

Te SCH10

Tee Sch10

Té Sch10

Raccordo a T Sch10



DN	Referencia Part n°
1/2"	ZST10008
3/4"	ZST10012
1"	ZST10016
1" 1/4	ZST10020
1" 1/2	ZST10024
2"	ZST10032

Reducción SCH10

Reduction Sch10

Réduction Sch10

Riduzione Sch10



DN	Referencia Part n°
3/4" - 1/2"	ZSR10012008
1" - 3/4"	ZSR10016012
1"1/4 - 1"	ZSR10020016
1" 1/2 - 1" 1/4	ZSR10024020
2" - 1" 1/2	ZSR10032024

Tapón SCH10

Cap Sch10

Bouchon Sch 10

Tappo Sch10



DN	Referencia Part n°
1/2"	ZSC10008
3/4"	ZSC10012
1"	ZSC10016
1" 1/4	ZSC10020
1" 1/2	ZSC10024
2"	ZSC10032

Racores SCH - BUTT WELD

SCH BUTT WELD fittings
Raccords SCH - BUTT WELD
Raccordi SCH - BUTT WELDING

Codo 90 SCH40

Elbow 90 Sch40

Coude 90 Sch40

Gomito 90 per Sch40



DN	Referencia Part n°
1/2"	ZS9040008
3/4"	ZS9040012
1"	ZS9040016
1" 1/4	ZS9040020
1" 1/2	ZS9040024
2"	ZS9040032

Te Inox SCH40

Tee Sch40

Té Sch40

Raccordo a T Sch40



DN	Referencia Part n°
1/2"	ZST40008
3/4"	ZST40012
1"	ZST40016
1" 1/4	ZST40020
1" 1/2	ZST40024
2"	ZST40032

Reducción Inox SCH40

Reduction Sch40

Réduction Sch40

Riduzione Sch40



DN	Referencia Part n°
3/4" - 1/2"	ZSR40012008
1" - 3/4"	ZSR40016012
1"1/4 - 1"	ZSR40020016
1" 1/2 - 1" 1/4	ZSR40024020
2" - 1" 1/2"	ZSR40032024

Tapón Inox SCH40

Cap Sch40

Bouchon Sch40

Tappo Sch40



DN	Referencia Part n°
1/2"	ZSC40008
3/4"	ZSC40012
1"	ZSC40016
1" 1/4	ZSC40020
1" 1/2	ZSC40024
2"	ZSC40032

Racores SOCKET WELD

SOCKET WELD fittings
Raccords SOCKET WELD
Raccordi SOCKET WELD

Racores SOCKET WELD 3000 Codo 90

SOCKET WELD 3000 fittings Elbow 90

Raccords SOCKET WELD 3000 Coude 90

Raccordo 90° SOCKET WELD 3000



DN	Referencia Part n°
1/2"	ZSW39008
3/4"	ZSW39012
1"	ZSW39016
1" 1/4	ZSW39020
1" 1/2	ZSW39024
2"	ZSW39032

Racores SOCKET WELD 3000 Cap

SOCKET WELD 3000 Cap Fittings

Raccords à chapeau SOCKET WELD 3000

Tappo SOCKET WELD 3000



DN	Referencia Part n°
1/2"	ZSW3C08
3/4"	ZSW3C12
1"	ZSW3C16
1"1/4	ZSW3C20
1"1/2	ZSW3C24
2"	ZSW3C32

Racores SOCKET WEL 3000 Te

SOCKET WELD 3000 Tee fittings

Raccords en T SOCKET WELD 3000

Raccordo a T SOCKET WELD 3000



DN	Referencia Part n°
1/2"	ZSW3T08
3/4"	ZSW3T12
1"	ZSW3T16
1"1/4	ZSW3T20
1"1/2	ZSW3T24
2"	ZSW3T32

Racores SOCKET WELD 3000 Cruz

SOCKET WELD 3000 Cross Fittings

Raccords croix SOCKET WELD 3000

Raccordo a croce SOCKET WELD 3000



DN	Referencia Part n°	€
1/2"	ZSW3CR08	*
3/4"	ZSW3CR12	*
1"	ZSW3CR16	*
1"1/4	ZSW3CR20	*
1"1/2	ZSW3CR24	*
2"	ZSW3CR32	*

Racores SOCKET WELD 3000 Manguito

SOCKET WELD 3000 Couplings Fittings

SOCKET WELD 3000 Accouplements Raccords

Manicotto SOCKET WELD 3000



DN	Referencia Part n°
1/2"	ZSW3M08
3/4"	ZSW3M12
1"	ZSW3M16
1"1/4	ZSW3M20
1"1/2	ZSW3M24
2"	ZSW3M32

Racores SOCKET WELD 6000 Codo 90

SOCKET WELD 6000 fittings Elbow 90

Raccords SOCKET WELD 6000 Coude 90

Raccordo 90° SOCKET WELD 6000



DN	Referencia Part n°
1/2"	ZSW69008
3/4"	ZSW69012
1"	ZSW69016
1"1/4	ZSW69020

Racores SOCKET WELD 6000 Manguito

SOCKET WELD 6000 Couplings FittingsFittings

SOCKET WELD 6000 Accouplements Raccords

Manicotto SOCKET WELD 6000



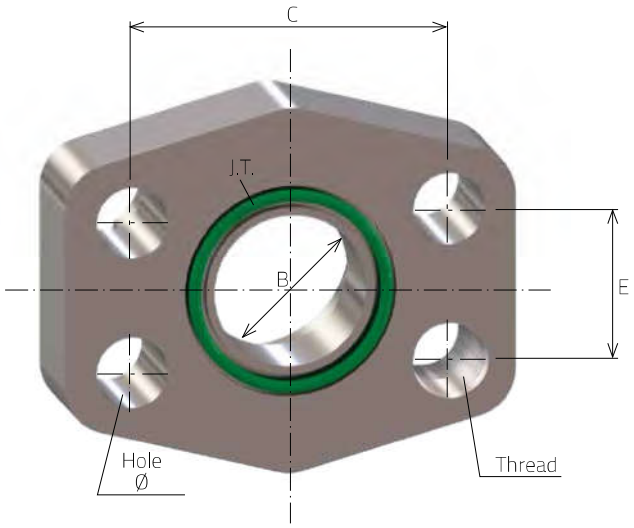
DN	Referencia Part n°
1/2"	ZSW6M08
3/4"	ZSW6M12
1"	ZSW6M16
1"1/4	ZSW6M20

BRIDAS SAE

SAE flanges
Brides SAE
Flangia SAE

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...

Bridas SAE

SAE Flanges
Brides SAE
Flange SAE

Brida partida pasante

SAE Split flange

Demi-bride passage total

Semiflangia SAE



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	30.2	1/2"	**ZBBP308302**	*
3000 PSI	38.1	3/4"	**ZBBP312381**	*
3000 PSI	44.5	1"	**ZBBP316445**	*
3000 PSI	50.8	1"1/4	**ZBBP320508**	*
3000 PSI	60.3	1"1/2	**ZBBP324603**	*
3000 PSI	71.4	2"	**ZBBP332714**	*
3000 PSI	84.1	2" 1/2	**ZBBP340841**	*
3000 PSI	102.4	3"	**ZBBP3481024**	*
3000 PSI	127	4"	**ZBBP364127**	*
6000 PSI	31.8	1/2"	**ZBBP608318**	*
6000 PSI	41.3	3/4"	**ZBBP612413**	*
6000 PSI	47.6	1"	**ZBBP616476**	*
6000 PSI	54	1"1/4	**ZBBP620540**	*
6000 PSI	63.5	1"1/2	**ZBBP624635**	*
6000 PSI	79.4	2"	**ZBBP632794**	*

***Ver precios en p. 40 (CONEXIONES)** / **See prices in p.40 (FITTINGS)* / **Prix à la p.40 (EMBOUTS)* / **Vedere prezzi p.40 (RACCORDI)*

Brida entera pasante

SAE Flange

Bride monobloc passage total

Flangia monoblocco SAE



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	30.2	1/2"	**ZBBE308302**	*
3000 PSI	38.1	3/4"	**ZBBE312381**	*
3000 PSI	44.5	1"	**ZBBE316445**	*
3000 PSI	50.8	1"1/4	**ZBBE320508**	*
3000 PSI	60.3	1"1/2	**ZBBE324603**	*
3000 PSI	71.4	2"	**ZBBE332714**	*
3000 PSI	41	2" 1/2	**ZBBE340841**	*
3000 PSI	102.4	3"	**ZBBE3481024**	*
3000 PSI	127	4"	**ZBBE364127**	*
6000 PSI	31.8	1/2"	**ZBBE608318**	*
6000 PSI	41.3	3/4"	**ZBBE612413**	*
6000 PSI	47.6	1"	**ZBBE616476**	*
6000 PSI	54	1"1/4	**ZBBE620540**	*
6000 PSI	63.5	1"1/2	**ZBBE624635**	*
6000 PSI	79.4	2"	**ZBBE632794**	*

***Ver precios en p. 40 (CONEXIONES)** / **See prices in p.40 (FITTINGS)* / **Prix à la p.40 (EMBOUTS)* / **Vedere prezzi p.40 (RACCORDI)*

Contrabrida roscada

SAE counter-flange

Contre-bride passage total

Controflangia SAE



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	30,2	1/2"	**ZBCE308302**	*
3000 PSI	38,1	3/4"	**ZBCE312381**	*
3000 PSI	44,5	1"	**ZBCE316445**	*
3000 PSI	50,8	1"1/4	**ZBCE320508**	*
3000 PSI	60,3	1"1/2	**ZBCE324603**	*
3000 PSI	71,4	2"	**ZBCE332714**	*
6000 PSI	31,8	1/2"	**ZBCE608318**	*
6000 PSI	41,3	3/4"	**ZBCE612413**	*
6000 PSI	47,6	1"	**ZBCE616476**	*
6000 PSI	54	1"1/4	**ZBCE620540**	*
6000 PSI	63,5	1"1/2	**ZBCE624635**	*
6000 PSI	79,4	2"	**ZBCE632794**	*

***Consultar** / On request / **Sur demande** / Su richiesta

Bridas SAE

SAE Flanges
Brides SAE
Flange SAE

Brida roscada hembra BSP

BSP Female threaded flange

Bride taraudée femelle BSP

Flangia filettata femmina BSP



SERIE SERIES	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°
3000 PSI	1/2" BSP	1/2"	**ZBBRG30808**
3000 PSI	3/4" BSP	3/4"	**ZBBRG31212**
3000 PSI	1" BSP	1"	**ZBBRG31616**
3000 PSI	1"1/4 BSP	1"1/4	**ZBBRG32020**
3000 PSI	1"1/2 BSP	1"1/2	**ZBBRG32424**
3000 PSI	2" BSP	2"	**ZBBRG33232**
3000 PSI	2"1/2 BSP	2"1/2	**ZBBRG34040**
3000 PSI	3" BSP	3"	**ZBBRG34848**
3000 PSI	3"1/2 BSP	3"1/2	**ZBBRG35656**
3000 PSI	4" BSP	4"	**ZBBRG36464**
6000 PSI	1/2" BSP	1/2"	**ZBBRG60808**
6000 PSI	3/4" BSP	3/4"	**ZBBRG61212**
6000 PSI	1" BSP	1"	**ZBBRG61616**
6000 PSI	1"1/4 BSP	1"1/4	**ZBBRG62020**
6000 PSI	1"1/2 BSP	1"1/2	**ZBBRG62424**
6000 PSI	2" BSP	2"	**ZBBRG63232**

Brida codo 90° roscada hembra BSP

90° BSP female threaded flange

Bride 90° taraudée femelle BSP

Flangia a 90° filettata femmina BSP



SERIE SERIES	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°
3000 PSI	1/2" BSP	1/2"	**ZB90RG30808**
3000 PSI	3/4" BSP	3/4"	**ZB90RG31212**
3000 PSI	1" BSP	1"	**ZB90RG31616**
3000 PSI	1"1/4 BSP	1"1/4	**ZB90RG32020**
3000 PSI	1"1/2 BSP	1"1/2	**ZB90RG32424**
3000 PSI	2" BSP	2"	**ZB90RG33232**
6000 PSI	1/2" BSP	1/2"	**ZB90RG60808**
6000 PSI	3/4" BSP	3/4"	**ZB90RG61212**
6000 PSI	1" BSP	1"	**ZB90RG61616**
6000 PSI	1"1/4 BSP	1"1/4	**ZB90RG62020**
6000 PSI	1"1/2 BSP	1"1/2	**ZB90RG62424**

Contrabrida roscada hembra BSP

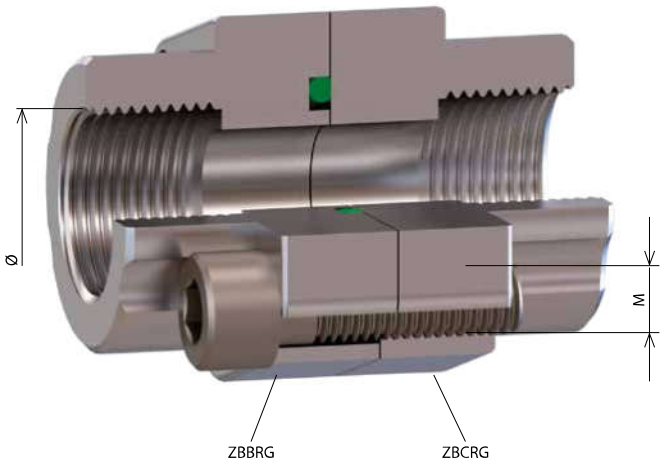
BSP Female threaded counter-flange

Contre-bride taraudée femelle BSP

Controflangia filettata femmina BSP



SERIE SERIES	ROSCA THREAD	TAMAÑO SIZE	Referencia Part n°
3000 PSI	1/2" BSP	1/2"	**ZBCRG30808**
3000 PSI	3/4" BSP	3/4"	**ZBCRG31212**
3000 PSI	1" BSP	1"	**ZBCRG31616**
3000 PSI	1"1/4 BSP	1"1/4	**ZBCRG32020**
3000 PSI	1"1/2 BSP	1"1/2	**ZBCRG32424**
3000 PSI	2" BSP	2"	**ZBCRG33232**
3000 PSI	2"1/2 BSP	2"1/2	**ZBCRG34040**
3000 PSI	3" BSP	3"	**ZBCRG34848**
3000 PSI	3"1/2 BSP	3"1/2	**ZBCRG35656**
3000 PSI	4" BSP	4"	**ZBCRG36464**
6000 PSI	1/2" BSP	1/2"	**ZBCRG60808**
6000 PSI	3/4" BSP	3/4"	**ZBCRG61212**
6000 PSI	1" BSP	1"	**ZBCRG61616**
6000 PSI	1"1/4 BSP	1"1/4	**ZBCRG62020**
6000 PSI	1"1/2 BSP	1"1/2	**ZBCRG62424**
6000 PSI	2" BSP	2"	**ZBCRG63232**



Bridas SAE

SAE Flanges
Brides SAE
Flange 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 SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	21.6	1/2"	**ZBBSG308216**
3000 PSI	27.2	3/4"	**ZBBSG312272**
3000 PSI	34.0	1"	**ZBBSG316340**
3000 PSI	42.8	1"1/4	**ZBBSG320428**
3000 PSI	48.6	1"1/2	**ZBBSG324486**
3000 PSI	61.0	2"	**ZBBSG332610**
3000 PSI	76.6	2"1/2	**ZBBSG340766**
3000 PSI	90.5	3"	**ZBBSG348905**
3000 PSI	103.0	3"1/2	**ZBBSG3561030**
3000 PSI	115.5	4"	**ZBBSG3641155**
6000 PSI	21.6	1/2"	**ZBBSG608216**
6000 PSI	27.2	3/4"	**ZBBSG612272**
6000 PSI	34.0	1"	**ZBBSG616340**
6000 PSI	42.8	1"1/4	**ZBBSG620428**
6000 PSI	48.6	1"1/2	**ZBBSG624486**
6000 PSI	61.0	2"	**ZBBSG632610**

Brida codo 90° soldable hembra tubo gas

90° welding female flange for gas tube

Bride 90° à souder femelle tube gaz

Flangia 90° a saldare di tasca per tubo gas



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	21.6	1/2"	**ZB90SG308216**
3000 PSI	27.2	3/4"	**ZB90SG312272**
3000 PSI	34.0	1"	**ZB90SG316340**
3000 PSI	42.8	1"1/4	**ZB90SG320428**
3000 PSI	48.6	1"1/2	**ZB90SG324486**
3000 PSI	61.0	2"	**ZB90SG332610**
6000 PSI	21.6	1/2"	**ZB90SG608216**
6000 PSI	27.2	3/4"	**ZB90SG612272**
6000 PSI	34.0	1"	**ZB90SG616340**
6000 PSI	42.8	1"1/4	**ZB90SG620428**
6000 PSI	48.6	1"1/2	**ZB90SG624486**

Contrabrida soldable hembra tubo gas

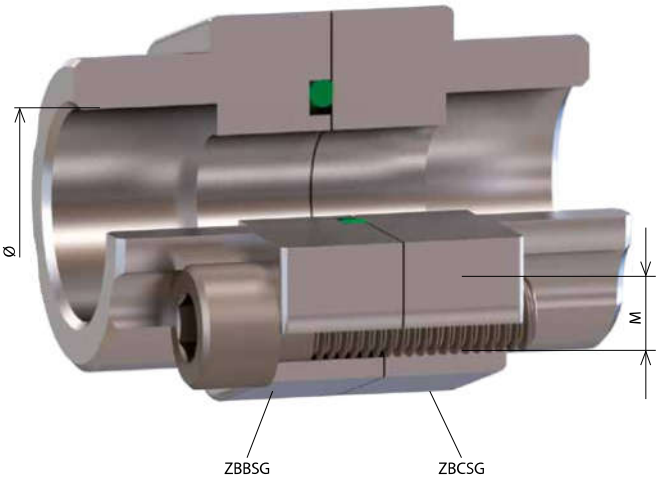
Welding female counter-flange for gas tube

Contre-bride à souder femelle tube gaz

Controflangia a saldare di tasca per tubo gas



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	21.6	1/2"	**ZBCSG308216**
3000 PSI	27.2	3/4"	**ZBCSG312272**
3000 PSI	34.0	1"	**ZBCSG316340**
3000 PSI	42.8	1"1/4	**ZBCSG320428**
3000 PSI	48.6	1"1/2	**ZBCSG324486**
3000 PSI	61.0	2"	**ZBCSG332610**
3000 PSI	76.6	2"1/2	**ZBCSG340766**
3000 PSI	90.5	3"	**ZBCSG348905**
3000 PSI	103.0	3"1/2	**ZBCSG3561030**
3000 PSI	115.5	4"	**ZBCSG3641155**
6000 PSI	21.6	1/2"	**ZBCSG608216**
6000 PSI	27.2	3/4"	**ZBCSG612272**
6000 PSI	34.0	1"	**ZBCSG616340**
6000 PSI	42.8	1"1/4	**ZBCSG620428**
6000 PSI	48.6	1"1/2	**ZBCSG624486**
6000 PSI	61.0	2"	**ZBCSG632610**



Bridas SAE

SAE Flanges
Brides 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 SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	20.3	1/2"	**ZBBSM308203**
3000 PSI	25.3	3/4"	**ZBBSM312253**
3000 PSI	30.3	1"	**ZBBSM316303**
3000 PSI	38.3	1"1/4	**ZBBSM320383**
3000 PSI	50.5	1"1/2	**ZBBSM324505**
6000 PSI	20.3	1/2"	**ZBBSM608203**
6000 PSI	25.3	3/4"	**ZBBSM612253**
6000 PSI	30.3	1"	**ZBBSM616303**
6000 PSI	38.3	1"1/4	**ZBBSM620383**
6000 PSI	50.5	1"1/2	**ZBBSM624505**

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 SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	20.3	1/2"	**ZBCSM308203**
3000 PSI	25.3	3/4"	**ZBCSM312253**
3000 PSI	30.3	1"	**ZBCSM316303**
3000 PSI	38.3	1"1/4	**ZBCSM320383**
3000 PSI	50.5	1"1/2	**ZBCSM324505**
6000 PSI	20.3	1/2"	**ZBCSM608203**
6000 PSI	25.3	3/4"	**ZBCSM612253**
6000 PSI	30.3	1"	**ZBCSM616303**
6000 PSI	38.3	1"1/4	**ZBCSM620383**
6000 PSI	50.5	1"1/2	**ZBCSM624505**

Brida codo 90° soldable Hembra tubo métrico

90° female welding flange for metric tube

Bride 90° à souder femelle tube métrique

Flangia 90° a saldare di tasca per tubo metrico



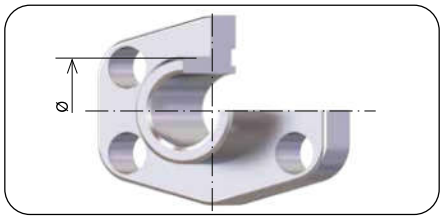
SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	20.3	1/2"	**ZB90SM308203**
3000 PSI	25.3	3/4"	**ZB90SM312253**
3000 PSI	30.3	1"	**ZB90SM316303**
3000 PSI	38.3	1"1/4	**ZB90SM320383**
3000 PSI	50.5	1"1/2	**ZB90SM324505**
6000 PSI	20.3	1/2"	**ZB90SM608203**
6000 PSI	25.3	3/4"	**ZB90SM612253**
6000 PSI	30.3	1"	**ZB90SM616303**
6000 PSI	38.3	1"1/4	**ZB90SM620383**
6000 PSI	50.5	1"1/2	**ZB90SM624505**

BRIDAS SOLDABLES MACHO

Male welding flanges
Brides à souder mâle
Flangia a saldare maschio

Brida soldable macho tubo gas

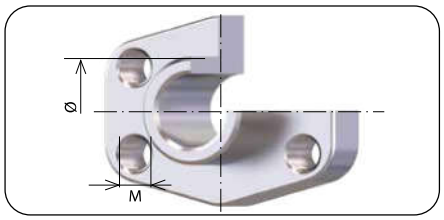
Male welding flange for gas tube
Bride à souder mâle tube gaz
Flangia a saldare maschio tubo gas



Ref: ZBMSG

Contrabrida macho soldable tubo gas

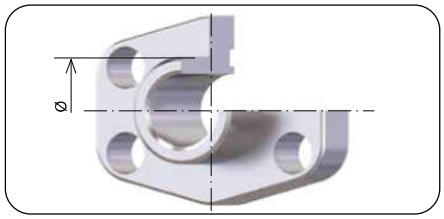
Male welding counterflange for gas tube
Contre-bride à souder mâle tube gaz
Controflangia a saldare maschio tubo gas



Ref: ZBCMSG

Brida soldable macho tubo métrico

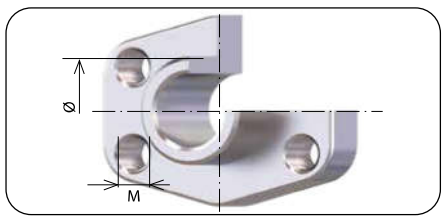
Male welding flange for metric tube
Bride à souder mâle tube métrique
Flangia a saldare maschio tubo metrico



Ref: ZBMSM

Contrabrida macho soldable tubo métrico

Male welding counterflange for metric tube
Contre-bride à souder mâle tube métrique
Controflangia a saldare maschio tubo metrico



Ref: ZBCMSM

Bridas SAE

SAE Flanges
Brides SAE
Flange SAE

Bridas ciegas

Blind flanges

Brides avec obturateur fermé

Flangia cieca



SERIE SERIES	TAMAÑO SIZE	Referencia Part n°
3000 PSI	1/2"	**ZBBC308**
3000 PSI	3/4"	**ZBBC312**
3000 PSI	1"	**ZBBC316**
3000 PSI	1"1/4	**ZBBC320**
3000 PSI	1"1/2	**ZBBC324**
3000 PSI	2"	**ZBBC332**
3000 PSI	2"1/2	**ZBBC340**
3000 PSI	3"	**ZBBC348**
3000 PSI	3"1/2	**ZBBC356**
3000 PSI	4"	**ZBBC364**
6000 PSI	1/2"	**ZBBC608**
6000 PSI	3/4"	**ZBBC612**
6000 PSI	1"	**ZBBC616**
6000 PSI	1"1/4	**ZBBC620**
6000 PSI	1"1/2	**ZBBC624**
6000 PSI	2"	**ZBBC632**

Contrabridas ciegas

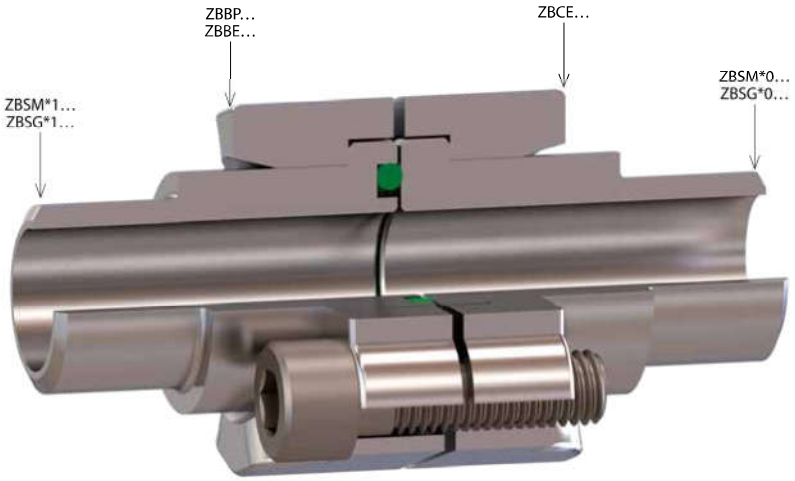
Blind counter-flanges

Contre-brides avec obturateur fermé

Controflangia cieca



SERIE SERIES	TAMAÑO SIZE	Referencia Part n°
3000 PSI	1/2"	**ZBCC308**
3000 PSI	3/4"	**ZBCC312**
3000 PSI	1"	**ZBCC316**
3000 PSI	1"1/4	**ZBCC320**
3000 PSI	1"1/2	**ZBCC324**
3000 PSI	2"	**ZBCC332**
3000 PSI	3"	**ZBCC348**
3000 PSI	3"1/2	**ZBCC356**
3000 PSI	4"	**ZBCC364**
6000 PSI	1/2"	**ZBCC608**
6000 PSI	3/4"	**ZBCC612**
6000 PSI	1"	**ZBCC616**
6000 PSI	1"1/4	**ZBCC620**
6000 PSI	1"1/2	**ZBCC624**
6000 PSI	2"	**ZBCC632**



Bridas SAE

SAE Flanges
Brides SAE
Flange SAE

Brida cono soldable tubo métrico

Flange welding adaptor for metric tube

Bride collet à souder tube métrique

Adattatore a saldare per tubo Metrico con o'ring



SERIE SERIES	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	16	1/2"	**ZBSM3108016**
3000 PSI	25	3/4"	**ZBSM3112025**
3000 PSI	30	1"	**ZBSM3116030**
3000 PSI	38	1"1/4	**ZBSM3120038**
3000 PSI	45	1"1/2	**ZBSM3124045**
3000 PSI	60	2"	**ZBSM3132060**
3000 PSI	70	2"1/2	**ZBSM3140070**
3000 PSI	80	3"	**ZBSM3148080**
3000 PSI	100	3"1/2	**ZBSM3156100**
3000 PSI	114.3	4"	**ZBSM3164114**
6000 PSI	16	1/2"	**ZBSM6108016**
6000 PSI	25	3/4"	**ZBSM6112025**
6000 PSI	30	1"	**ZBSM6116030**
6000 PSI	38	1"1/4	**ZBSM6120038**
6000 PSI	45	1"1/2	**ZBSM6124045**
6000 PSI	60	2"	**ZBSM6132060**

Brida cono soldable tubo gas

Flange welding adaptor for gas tube

Bride collet à souder tube gaz

Adattatore a saldare per tubo gas con o'ring



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	21.5	1/2"	**ZBSG3108215**
3000 PSI	28.0	3/4"	**ZBSG3112280**
3000 PSI	34.0	1"	**ZBSG3116340**
3000 PSI	42.8	1"1/4	**ZBSG3120428**
3000 PSI	48.6	1"1/2	**ZBSG3124486**
3000 PSI	61.0	2"	**ZBSG3132610**
6000 PSI	21.5	1/2"	**ZBSG6108215**
6000 PSI	28.0	3/4"	**ZBSG6112280**
6000 PSI	34.0	1"	**ZBSG6116340**
6000 PSI	42.8	1"1/4	**ZBSG6120428**
6000 PSI	48.6	1"1/2	**ZBSG6124486**
6000 PSI	61.0	2"	**ZBSG6132610**

Contrabrida cono soldable tubo métrico

Counter-flange welding adaptor for metric tube

Contre-bride collet à souder tube métrique

Adattatore a saldare per tubo Metrico senza o'ring



SERIE SERIES	Ø EXT. Ø OUTER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	16	1/2"	**ZBSM3008016**
3000 PSI	25	3/4"	**ZBSM3012025**
3000 PSI	30	1"	**ZBSM3016030**
3000 PSI	38	1"1/4	**ZBSM3020038**
3000 PSI	45	1"1/2	**ZBSM3024045**
3000 PSI	60	2"	**ZBSM3032060**
3000 PSI	70	2"1/2	**ZBSM3040070**
3000 PSI	80	3"	**ZBSM3048080**
3000 PSI	100	3"1/2	**ZBSM3056100**
6000 PSI	16	1/2"	**ZBSM6008016**
6000 PSI	25	3/4"	**ZBSM6012025**
6000 PSI	30	1"	**ZBSM6016030**
6000 PSI	38	1"1/4	**ZBSM6020038**
6000 PSI	45	1"1/2	**ZBSM6024045**
6000 PSI	60	2"	**ZBSM6032060**

Contrabrida cono soldable tubo gas

Counter-flange welding adaptor for gas tube

Contre-bride collet à souder tube gaz

Adattatore a saldare per tubo gas senza o'ring



SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°
3000 PSI	21.5	1/2"	**ZBSG3008215**
3000 PSI	28.0	3/4"	**ZBSG3012280**
3000 PSI	34.0	1"	**ZBSG3016340**
3000 PSI	42.8	1"1/4	**ZBSG3020428**
3000 PSI	48.6	1"1/2	**ZBSG3024486**
3000 PSI	61.0	2"	**ZBSG3032610**
6000 PSI	21.5	1/2"	**ZBSG6008215**
6000 PSI	28.0	3/4"	**ZBSG6012280**
6000 PSI	34.0	1"	**ZBSG6016340**
6000 PSI	42.8	1"1/4	**ZBSG6020428**
6000 PSI	48.6	1"1/2	**ZBSG6024486**
6000 PSI	61.0	2"	**ZBSG6032610**

Cabeza brida soldable SW tubo métrico

Welding flange head SW metric tube

Tête de bride de soudage SW tube métrique

Flangia a saldare di testa per tubo metrico SW



SERIE SERIES	TUBO PIPE	TAMAÑO	Referencia Part n°
3000 PSI	14	1/2"	**ZBSWM3108014**
3000 PSI	22	3/4"	**ZBSWM3112022**
3000 PSI	50	2"	**ZBSWM3132050**
6000 PSI	22	3/4"	**ZBSWM6112022**
6000 PSI	28	1"	**ZBSWM6116028**
6000 PSI	35	1"1/4	**ZBSWM6120035**
6000 PSI	39	1"1/2	**ZBSWM6124039**

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

Bridas SAE

SAE Flanges
Brides SAE
Flange SAE

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"	**ZTB8X30**
M10X35	3000 PSI 3/4"-1"	**ZTB10X35**
M10X40	3000 PSI 1" 1/4 - 6000 PSI 3/4"	**ZTB10X40**
M12X45	3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1"	**ZTB12X45**
M14X45	6000 PSI 1"1/4	**ZTB14X45**
M16X50	3000 PSI 3"-3"1/2"-4"- 6000 PSI 1" 1/2	**ZTB16X50**
M20X70	6000 PSI 2"	**ZTB20X70**

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 Conducciones Hidráulicas y Neumáticas** / **See prices in Hydraulic and Pneumatic Connectors' Catalogue* / **Voir prix dans le Catalogue Connectique Hydraulique et Pneumatique* / **Vedere prezzi nel listino Condutture Idrauliche e Pneumatiche*

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**	*

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Abrazaderas TrΔle®

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Abrazadera ligera simple completa

Light serie simple clamp

Collier de fixation simple complet, série légère

Collare verde singolo completo (serie leggera)



DN	GRUPO GROUP	Referencia Part n°
6	1	ZA40AZ06
8	1	ZA40AZ08
10	1	ZA40AZ10
12	1	ZA40AZ12
14	2	ZA40AZ14
15	2	ZA40AZ15
16	2	ZA40AZ16
18	2	ZA40AZ18
20	3	ZA40AZ20
22	3	ZA40AZ22
23	3	ZA40AZ23
25	3	ZA40AZ25
28	4	ZA40AZ28
30	4	ZA40AZ30
38	5	ZA40AZ38
40	5	ZA40AZ40
42-1"1/4	5	ZA40AZ42

Abrazadera ligera simple completa, plásticos perfil liso

Light serie simple clamp, plastic smooth profile

Collier de fixation simple série légère, complet, plastic profil lisse

Collare verde liscio singolo completo



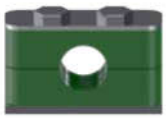
DN	GRUPO GROUP	Referencia Part n°
8	1	ZA40AZ08PL
10	1	ZA40AZ10PL
12	1	ZA40AZ12PL
1/4"	2	ZA40AZ13.2PL
15	2	ZA40AZ15PL
3/8"	2	ZA40AZ16.7PL
18	2	ZA40AZ18PL
20	3	ZA40AZ20PL
1/2"	3	ZA40AZ21.3PL
22	3	ZA40AZ22PL
25	3	ZA40AZ25PL
3/4"	4	ZA40AZ26.7PL
28	4	ZA40AZ28PL
30	4	ZA40AZ30PL
1"	5	ZA40AZ33.3PL
35	5	ZA40AZ35PL
38	5	ZA40AZ38PL
42-1" 1/4	5	ZA40AZ42PL

Abrazadera ligera reforzada completa

Light serie reinforced clamp

Collier de fixation simple série légère renforcé complet

Collare verde singolo completo (serie leggera rinforzata)



DN	GRUPO GROUP	Referencia Part n°
6	1	ZA41AZ06
8	1	ZA41AZ08
10	1	ZA41AZ10
12	1	ZA41AZ12
1/4"	2	ZA41AZ13.2
14	2	ZA41AZ14
15	2	ZA41AZ15
16	2	ZA41AZ16
18	2	ZA41AZ18
20	3	ZA41AZ20
22	3	ZA41AZ22
23	3	ZA41AZ23
25	3	ZA41AZ25
28	4	ZA41AZ28
30	4	ZA41AZ30
38	5	ZA41AZ38
40	5	ZA41AZ40
42-1"1/4	5	ZA41AZ42

Abrazadera ligera reforzada completa, plásticos perfil

Light serie reinforced clamp, plastic smooth profile

Collier de fixation simple série légère renforcé, complet, plastic profil lisse

Collare verde liscio singolo completo (serie leggera rinforzata)



DN	GRUPO GROUP	Referencia Part n°
8	1	ZA41AZ08PL
10	1	ZA41AZ10PL
12	1	ZA41AZ12PL
1/4"	2	ZA41AZ13.2PL
15	2	ZA41AZ15PL
3/8"	2	ZA41AZ16.7PL
18	2	ZA41AZ18PL
20	3	ZA41AZ20PL
1/2"	3	ZA41AZ21.3PL
22	3	ZA41AZ22PL
25	3	ZA41AZ25PL
3/4"	4	ZA41AZ26.7PL
28	4	ZA41AZ28PL
30	4	ZA41AZ30PL
1"	5	ZA41AZ33.3PL
35	5	ZA41AZ35PL
38	5	ZA41AZ38PL
42-1" 1/4	5	ZA41AZ42PL

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Plásticos polipropileno, serie ligera

Plastics polypropylene, light serie

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. Ver precios en Tarifa Conducciones Hidráulicas y Neumáticas** / **Price per couple. See prices in Hydraulic and Pneumatic Connectors' Catalogue* / *Prix par paire. Voir les prix dans le Catalogue Connectique Hydraulique et Pneumatique / **Prezzo per coppia. Vedere prezzi nel listino Condutture Idrauliche e Pneumatiche*

Chapas inferiores, serie ligera

Lower plate, light serie

Plaque inférieure, série légère

Piastra inferiore (serie leggera)



GRUPO GROUP	Referencia Part n°
1	ZAPIN1
2	ZAPIN2
3	ZAPIN3
4	ZAPIN4
5	ZAPIN5
6	ZAPIN6

Chapas superiores, serie ligera

Upper plate, light serie

Plaque supérieure, série légère

Piastra superiore (serie leggera)



GRUPO GROUP	Referencia Part n°
1	ZAPS1
2	ZAPS2
3	ZAPS3
4	ZAPS4
5	ZAPS5
6	ZAPS6

Tornillos Allen, serie ligera

Allen screw, light serie

Vis Allen, série légère

Vite Allen



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M6	1	ZAVTC1
M6	2	ZAVTC2
M6	3	ZAVTC3
M6	4	ZAVTC4
M6	5	ZAVTC5
M6	6	ZAVTC6

Precio por unidad / *Price per unit* / Prix à l'unité / *Prezzo unitario*

Tornillos Hexagonales, serie ligera

Hexagonal screw, light serie

Vis Hexagonnel, série légère

Vite esagonale



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M6	1	ZAVTE1
M6	2	ZAVTE2
M6	3	ZAVTE3
M6	4	ZAVTE4
M6	5	ZAVTE5
M6	6	ZAVTE6

Precio por unidad / *Price per unit* / Prix à l'unité / *Prezzo unitario*

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Tornillos Apilar Inox Serie Ligera

Stainless Steel Stack Screws Light Series

Vis de pile en acier inoxydable série légère

Vite inox (serie leggera componibile)



ROSCA THREAD	GRUPO GROUP		Referencia Part n°
M6	1		ZAVTA1
M6	2		ZAVTA2
M6	3		ZAVTA3
M6	4		ZAVTA4
M6	5		ZAVTA5
M6	6	NEW	ZAVTA6

Chapas para apilar abrazaderas, serie ligera

Plates to pile up clamps, light serie

Plaques pour empiler colliers, série légère

Piastra componibile (serie leggera)



GRUPO GROUP	Referencia Part n°
1	ZAPA1
2	ZAPA2
3	ZAPA3
4	ZAPA4
5	ZAPA5
6	ZAPA6

TRΔLE®

ABRAZADERAS | CLAMPS

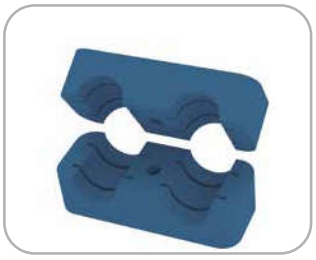
UNE TUS SISTEMAS DE TUBERÍA DE FORMA SEGURA

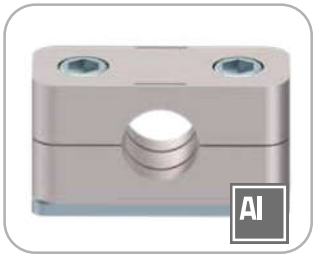
JOIN PIPE SYSTEMS SECURELY

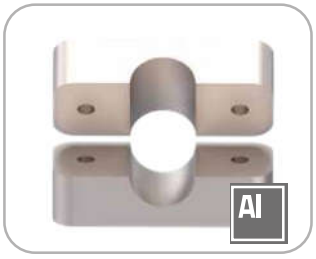












CONSULTA EL CATÁLOGO DE CONDUCCIONES



CHECK OUR CONNECTORS CATALOGUE

Abrazaderas TrΔle®

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Collari fissatubo TrΔle®

Chapa Atornillar, Serie ligera

Elongated Weld Plate Light Series

Plaque à souder allongée, série légère

Piastra inferiore con fori di fissaggio (serie leggera)



GRUPO GROUP	Referencia Part n°
1	ZAPT1
2	ZAPT2
3	ZAPT3
4	ZAPT4
5	ZAPT5
6	ZAPT6

Chapa Agrupar Inox Serie Ligera

NEW

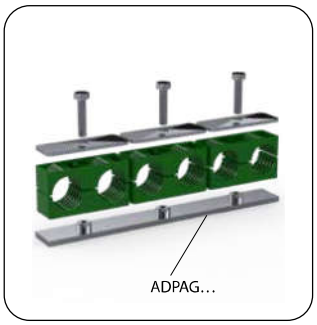
Stainless Steel Jointed plate Light Series

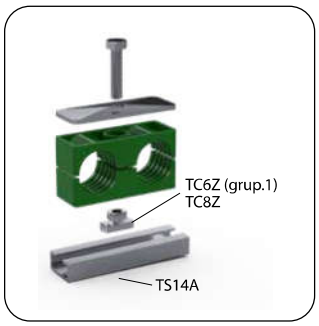
Plaque à joindre acier inoxydable série légère

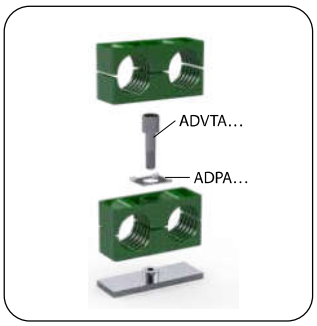
Piastra inferiore multipla (serie leggera)

GRUPO GROUP	Nº ABRAZ CLAMP QTY.	Referencia Part n°
1	10	ZAPAG1
2	10	ZAPAG2
3	10	ZAPAG3
4	10	ZAPAG4
5	10	ZAPAG5
6	10	ZAPAG6



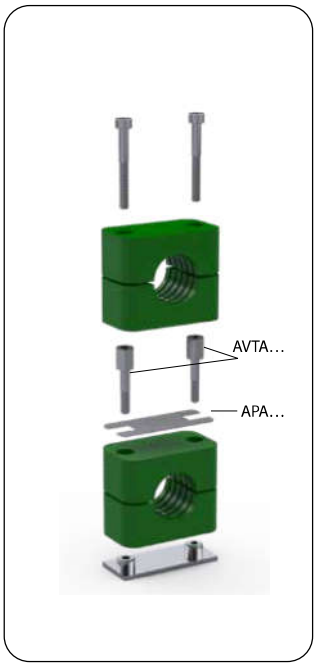












Abrazaderas TrΔle®

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Abrazaderas dobles completas

Double clamp - parallel

Colliers de fixation doubles complets

Collare verde doppio completo



DN	GRUPO GROUP	Referencia Part n°
6	1	ZAZCFS06
8	1	ZAZCFS08
10	1	ZAZCFS10
12	1	ZAZCFS12
14	2	ZAZCFS14
15	2	ZAZCFS15
16	2	ZAZCFS16
18	2	ZAZCFS18
20	3	ZAZCFS20
22	3	ZAZCFS22
25	3	ZAZCFS25
28	4	ZAZCFS28
30	4	ZAZCFS30
35	5	ZAZCFS35
38	5	ZAZCFS38
40	5	ZAZCFS40
42	5	ZAZCFS42

Chapas inferiores

Double Lower plate

Plaques inférieures à souder double

Piastra inferiore (collare doppio)



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M6	1	ZADPIN1
M8	2	ZADPIN2
M8	3	ZADPIN3
M8	4	ZADPIN4
M8	5	ZADPIN5

Chapas superiores

Double Upper plate

Plaques supérieures de protection double

Piastra superiore (collare doppio)



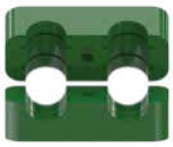
GRUPO GROUP	Referencia Part n°
1	ZADPS1
2	ZADPS2
3	ZADPS3
4	ZADPS4
5	ZADPS5

Plásticos polipropileno dobles

Double plastics polypropylene

Plastiques polypropylene doubles

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. Ver precios en Tarifa Conducciones Hidráulicas y Neumáticas** / **Price per couple. See prices in Hydraulic and Pneumatic Connectors' Catalogue* / *Prix par paire. Voir les prix dans le Catalogue Connectique Hydraulique et Pneumatique / **Prezzo per coppia. Vedere prezzi nel listino Condutture Idrauliche e Pneumatiche*

Tornillos cabeza hexagonal

Hexagonal screw

Vis hexagonale

Vite esagonale (collare doppio)



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M6	1	ZADVTE1
M8	2	ZADVTE2
M8	3	ZADVTE3
M8	4	ZADVTE4
M8	5	ZADVTE5

Precio por unidad / *Price per unit* / Prix à l'unité / *Prezzo unitario*

Abrazaderas TrΔle®

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Colliers TrΔle®
Collari fissatubo TrΔle®

Chapa apilar abrazadera doble

NEW

Plates to pile up double clamps

Plaques pour empiler colliers doubles

Piastra serie componibile (collare doppio)



GRUPO GROUP	Referencia Part n°	€
1	**ZADPA1**	
2/3/4/5	**ZADPA2**	

Tornillo apliar abrazadera doble

NEW

Stack Screws double clamps

Vis de pile colliers doubles

Vite inox (serie componibile collare doppio)



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M6	2	**ZADVTA2**
M6	3	**ZADVTA3**
M6	4	**ZADVTA4**
M6	5	**ZADVTA5**
M6	6	**ZADVTA6**

Para Grupo 1: ZAVTA1 (ligera) */ For Group 1: ZAVTA1 (Light) / Pour le Groupe 1: ZAVTA1 (légè ruppo 1: ZAVTA1 (leggera)*

Chapa agrupar abrazadera doble

NEW

Jointed plate double clamps

Plaque à joindre colliers doubles

Piastra multipla (collare doppio)

ROSCA THREAD	GRUPO GROUP	Nº ABRAZADERAS CLAMP QTY.	Referencia Part n°
M6	1	5	**ZADPAG1**
M8	2	5	**ZADPAG2**
M8	3	5	**ZADPAG3**

***Consultar /** On request **/ Sur demande /** Su richiesta

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Abrazaderas Inox Serie pesada completas

Heavy Series Stainless Steel Clamps

Pinces en acier inoxydable série lourde

Collare singolo completo (serie pesante)



DN	GRUPO GROUP	Referencia Part n°
6	1	ZAZCPS06
8	1	ZAZCPS08
10	1	ZAZCPS10
12	1	ZAZCPS12
1/4"	1	ZAZCPS13.2
14	1	ZAZCPS14
15	1	ZAZCPS15
16	1	ZAZCPS16
3/8"	1	ZAZCPS17.2
18	1	ZAZCPS18
20	2	ZAZCPS20
1/2"	2	ZAZCPS21.3
22	2	ZAZCPS22
25	2	ZAZCPS25
3/4"	2	ZAZCPS26.7
28	2	ZAZCPS28
30	2	ZAZCPS30
32	3	ZAZCPS32
1"	3	ZAZCPS33.3
35	3	ZAZCPS35
38	3	ZAZCPS38
40	3	ZAZCPS40
42 - 1" 1/4	3	ZAZCPS42
45	4	ZAZCPS45
48-1" 1/2	4	ZAZCPS48
50	4	ZAZCPS50
55	4	ZAZCPS55
2"	4	ZAZCPS60.3
65	4	ZAZCPS65
70	4	ZAZCPS70

Plasticos polipropileno, serie pesada

Plastics polypropylene, heavy serie

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. Ver precios en Tarifa Conducciones Hidráulicas y Neumáticas** / **Price per couple. See prices in Hydraulic and Pneumatic Connectors' Catalogue* / *Prix par paire. Voir les prix dans le Catalogue Connectique Hydraulique et Pneumatique / **Prezzo per coppia. Vedere prezzi nel listino Condutture Idrauliche e Pneumatiche*

Abrazaderas TrΔle®

TrΔle® Clamps
Colliers TrΔle®
Collari fissatubo TrΔle®

Chapas inferiores, serie pesada

Lower plate, heavy serie

Plaque inférieure, série lourde

Piastra inferiore (serie pesante)



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M10	1	**ZAPINP1**
M10	2	**ZAPINP2**
M10	3	**ZAPINP3**
M12	4	**ZAPINP4**

Chapas superiores, serie pesada

Upper plate, heavy serie

Plaque supérieure, série lourde

Piastra superiore (serie pesante)



GRUPO GROUP	Referencia Part n°
1	**ZAPSP1**
2	**ZAPSP2**
3	**ZAPSP3**
4	**ZAPSP4**

Tornillos, serie pesada

Screw, heavy serie

Vis, série lourde

Vite (serie pesante)



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M10	1	**ZAVTEP1**
M10	2	**ZAVTEP2**
M10	3	**ZAVTEP3**
M12	4	**ZAVTEP4**

Precio por unidad / *Price per unit* / Prix à l'unité / *Prezzo unitario*

Tornillo apilar serie pesada

NEW

Stack Screws, heavy serie

Vis de pile, série lourde

Vite Inox (serie pesante componibile)



ROSCA THREAD	GRUPO GROUP	Referencia Part n°
M10	1	**ZAPVTAP1**
M10	2	**ZAPVTAP2**
M10	3	**ZAPVTAP3**
M12	4	**ZAPVTAP4**

Chapa apilar serie pesada

NEW

Plates to pile up clamps, heavy serie

Plaques pour empiler colliers, série lourde

Piastra componibile (serie pesante)



GRUPO GROUP	Referencia Part n°
1	**ZAPAP1**
2	**ZAPAP2**
3	**ZAPAP3**
4	**ZAPAP4**

Accesorios para carril

Rail accessories

Accessoires pour rail

Accessori per binario



ROSCA THREAD	DETALLE DESCRIPTION		Referencia Part n°
M6	NUT		**TC6I**
M8	NUT		**TC8I**
M10	NUT		**TC10I**
M12	NUT	NEW	**TC12I**
---	RAIL		**TS11I**
---	RAIL		**TS14I**
---	RAIL	NEW	**TSP22I**

***Consultar** / On request / **Sur demande** / Su richiesta

Adaptadores BSP 170
BSP Adaptors
Adapteurs BSP
Adattatori BSP

Adaptadores NPT 180
NPT Adaptors
Adapteurs NPT
Adattatori NPT

Adaptadores O'Ring Boss 185
O'Ring Boss Adaptors
Adapteurs O'Ring Boss
Adattatori O'Ring Boss

Adaptadores ORFS 187
ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS



04

ADAPTADORES

Adaptors

Adapteurs

Adattatori

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Uniones rectas macho ▪ Straight male adaptors ▪ Unions mâle ▪ Adattatori diritti maschio | 170



Z1010 Z1010_WD Z1011 Z1020 Z1020_WD Z1016 Z1014 Z1024 Z1012 Z1022

Uniones rectas macho-hembra ▪ Adaptors male-female ▪ Unions mâle-femelle ▪ Adattatori diritti maschio-femmina | 172



Z1060 Z1060 Z1061 Z1172 Z1170 Z1173 Z1150

Tapones ▪ Plugs ▪ Bouchons ▪ Tappi | 174



Z1072 Z1070 Z1075

Uniones hembra y pasatabiques ▪ Female adaptors and bulkheads ▪ Unions femelle et passe-cloison ▪ Raccordi femmina e passaparete | 175



Z1310 Z1031 Z1031 Z1160 Z1161

Orientables ▪ Banjos ▪ Adapteurs orientables ▪ Bulloni forati | 176



Z1090 Z1092 Z1140

Juntas metal FKM ▪ Joints ▪ Bague BS ▪ Rondelle Bonded | 176



ZVT210 ZVT320

Codos accesoriales ▪ Elbows ▪ Adapteurs coude accessoriel ▪ Adattatori a 90° e 45° tubolari | 177



Z1194 ZA1196 Z1195 ZA1195

Codos en forja ▪ Forging elbows ▪ Adapteurs coude en forge ▪ Adattatori a 90° e 45° forgiati | 178



Z1190 Z1192 Z1197 Z1191 Z1193 Z1196 Z1198 Z1183

Te y cruces en forja ▪ Forging Tees and croos ▪ Adapteurs Tés en forge et des croix ▪ Adattatori a T forgiati e croce | 179



Z1220 Z1222 Z1224 Z1228 Z1226 Z1221 Z1223 Z1227

Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

Uniones rectas macho-macho ▪ Straight male adaptors ▪ Unions mâle ▪ Adattatori diritti maschio - maschio | 180



Z1015 ZN1015

Uniones rectas macho-hembra ▪ Adaptors male-female ▪ Unions mâle-femelle ▪ Adattatori diritti maschio - femmina | 180



ZN1060 ZN1150 ZN1170 ZN1174

Tapones ▪ Plugs ▪ Bouchons ▪ Tappi | 181



ZN1072 ZN1070 ZN1071

Uniones hembra y pasatabiques ▪ Female adaptors and bulkheads ▪ Unions femelle et passe cloisson ▪ Adattatori femmina e passaparete | 181



ZN1031

Codos en forja ▪ Forging elbows ▪ Adapteurs coude en forge ▪ Adattatori a 90° e 45° forgiati | 182



ZN1190 ZN1193 ZN1196 ZN1198 ZN1396 ZN1393

Tes en forja ▪ Forging tees ▪ Adapteurs Té en forge ▪ Adattatori a T forgiati | 183



ZN1220 ZN1226

Adaptadores O'Ring Boss

O'Ring Boss Adaptors
Adapteurs O'Ring Boss
Adattatori O'Ring Boss

Uniones rectas macho ▪ Straight male adaptors ▪ Unions mâle ▪ Unione diritta maschio | 185


ZS6464


ZS220


ZS3474


ZS6401

Uniones rectas macho-hembra ▪ Adaptors male-female ▪ Unions mâle-femelle ▪ Unione diritta maschio-femmina | 185


ZS380


ZS6405

Tapones ▪ Plugs ▪ Bouchons ▪ Tappi | 185


ZS6408


ZS6409

Codos en forja ▪ Forging elbows and tees ▪ Adapteurs coude et té en forge ▪ Curve e T forgiati | 186


ZS575

Tes en forja ▪ Forging Tees ▪ Adapteurs Té en forge ▪ Adattatori a T forgiati | 186


ZS6803


ZS6804

Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS

Conos y tuercas ORFS ▪ ORFS Nuts and nipples ▪ Écrous et collets ORFS ▪ Dado e Ogive | 187


ZOR102


ZOR1273

Tapones ▪ Plugs ▪ Bouchons ▪ Tappi | 187


ZOR104


ZOR105

Uniones rectas ORFS ▪ ORFS Straight unions ▪ Unions droites ORFS ▪ Adattatori diritti ORFS | 187


ZOR200


ZOR202


ZOR1017


ZOR106


ZOR301


ZOR204


ZOR302


ZOR305

Codos en forja ORFS ▪ ORFS Elbows ▪ Coudes ORFS ▪ Adattatori a 90° ORFS | 189


ZOR405


ZOR600

Tes en forja ORFS ▪ ORFS Tees ▪ Tés ORFS ▪ Adattatori a T ORFS | 189


ZOR700


ZOR701


ZOR702


JVORFS

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Adaptador macho - macho BSP cono 60°

Adaptor male BSP 60° - male BSP 60°

Adapteur mâle BSP - mâle BSP cône 60°

Nipples BSP 60°



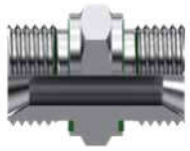
ROSCA THREAD		Referencia Part n°
1/8" BSP	1/8" BSP	Z101002
1/4" BSP	1/4" BSP	Z101004
1/4" BSP	1/4" BSP	Z101004H19
3/8" BSP	3/8" BSP	Z101006
1/2" BSP	1/2" BSP	Z101008
5/8" BSP	5/8" BSP	Z101010
3/4" BSP	3/4" BSP	Z101012
1" BSP	1" BSP	Z101016
1"1/4 BSP	1"1/4 BSP	Z101020
1"1/2 BSP	1"1/2 BSP	Z101024
2" BSP	2" BSP	Z101032
2" BSP	2" BSP	Z101032H70
2"1/2 BSP	2"1/2 BSP	Z101040
3" BSP	3" BSP	Z101048

Adaptador macho - macho BSP cono 60° con junta encastrada

Adaptor male BSP 60° - male BSP 60° captive seal

Adapteur mâle BSP - mâle BSP cône 60° avec joint plat

Nipples BSP 60° con guarnizione



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	Z101004WD
3/8" BSP	3/8" BSP	Z101006WD
1/2" BSP	1/2" BSP	Z101008WD
3/4" BSP	3/4" BSP	Z101012WD
1" BSP	1" BSP	Z101016WD

Adaptador macho - macho BSP asiento plano

Adaptor male BSP - male BSP flat seat

Adapteur mâle BSP - mâle BSP fond plat

Nipples sede piana



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	Z101104
3/8" BSP	3/8" BSP	Z101106
1/2" BSP	1/2" BSP	Z101108
3/4" BSP	3/4" BSP	Z101112
1" BSP	1" BSP	Z101116
1"1/4 BSP	1"1/4 BSP	Z101120
1"1/2 BSP	1"1/2 BSP	Z101124
2" BSP	2" BSP	Z101132

Reductor macho - macho BSP cono 60°

Reducer male adaptor BSP 60° - male BSP 60°

Réduction mâle BSP - mâle BSP cône 60°

Nipples di riduzione BSP 60°



ROSCA THREAD		Referencia Part n°
1/8" BSP	1/4" BSP	Z10200204
1/8" BSP	1/4" BSP	Z10200204H19
1/8" BSP	3/8" BSP	Z10200206
1/8" BSP	1/2" BSP	Z10200208
1/4" BSP	3/8" BSP	Z10200406
1/4" BSP	1/2" BSP	Z10200408
1/4" BSP	3/4" BSP	Z10200412
3/8" BSP	1/2" BSP	Z10200608
3/8" BSP	3/4" BSP	Z10200612
3/8" BSP	1" BSP	Z10200616
1/2" BSP	3/4" BSP	Z10200812
1/2" BSP	1" BSP	Z10200816
1/2" BSP	1"1/4 BSP	Z10200820*
1/2" BSP	1"1/2 BSP	Z10200824*
5/8" BSP	1/2" BSP	Z10201008
5/8" BSP	3/4" BSP	Z10201012
3/4" BSP	1" BSP	Z10201216
3/4" BSP	1"1/4 BSP	Z10201220
1" BSP	1"1/4 BSP	Z10201620
1" BSP	1"1/2 BSP	Z10201624
1"1/4 BSP	1"1/2 BSP	Z10202024
1"1/4 BSP	2" BSP	Z10202032
1"1/2 BSP	2" BSP	Z10202432
1"1/2 BSP	2" BSP	Z10202432H70
2" BSP	2" 1/2 BSP	Z10203240
2" BSP	3" BSP	Z10203248
2"1/2 BSP	3" BSP	Z10204048

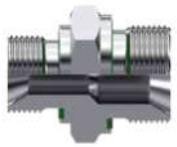
***Hasta fin de existencias** / *Until end of stock* / Jusqu'à la fin du stock / *Fino ad esaurimento*

Reductor macho - macho BSP cono 60° con junta encastrada

Reducer male adaptor BSP 60° - male BSP 60° captive seal

Réduction mâle BSP - mâle BSP cône 60° avec joint plat

Niples di riduzione BSP 60° con guarnizione



ROSCA THREAD		Referencia Part n°
1/4" BSP	3/8" BSP	Z10200406WD
1/4" BSP	1/2" BSP	Z10200408WD
3/8" BSP	1/2" BSP	Z10200608WD
1/2" BSP	3/4" BSP	Z10200812WD
3/4" BSP	1" BSP	Z10201216WD

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Adaptador macho - macho BSPT

Adaptor male BSPT - male BSPT

Adapteur mâle gaz conique BSPT - mâle gaz conique BSPT

Nipples conico BSPT



ROSCA THREAD		Referencia Part nº
1/4" BSPT	1/8" BSPT	**Z10160402**
1/4" BSPT	1/4" BSPT	**Z10160404**
1/4" BSPT	3/8" BSPT	**Z10160406**
3/8" BSPT	3/8" BSPT	**Z10160606**
1/2" BSPT	1/2" BSPT	**Z10160808**
3/4" BSPT	3/4" BSPT	**Z10161212**
1" BSPT	3/4" BSPT	**Z10161612**
1" BSPT	1" BSPT	**Z10161616**
1" 1/4 BSPT	1" 1/4 BSPT	**Z10162020**
1" 1/2 BSPT	1" 1/2 BSPT	**Z10162424**
2" BSPT	2" BSPT	**Z10163232**

Adaptador macho BSP 60° - macho NPT

Adaptor male BSP 60° - male NPT

Adapteur mâle BSP cône 60° - mâle BRIGGS (NPT)

Nipples BSP 60° - NPT 60°



ROSCA THREAD		Referencia Part nº
1/8" BSP	1/8" NPT	**Z101402**
1/4" BSP	1/4" NPT	**Z101404**
3/8" BSP	3/8" NPT	**Z101406**
1/2" BSP	1/2" NPT	**Z101408**
3/4" BSP	3/4" NPT	**Z101412**
1" BSP	1" NPT	**Z101416**
1"1/4 BSP	1"1/4 NPT	**Z101420**
1"1/2 BSP	1"1/2 NPT	**Z101424**
2" BSP	2" NPT	**Z101432**

Reductor macho BSP 60° - macho NPT

Reducer adaptor male BSP 60° - male NPT

Réduction mâle BSP cône 60° - mâle BRIGGS NPT

Nipples di riduzione BSP 60° - NPT 60°



ROSCA THREAD		Referencia Part nº
1/8" BSP	1/4" NPT	**Z10240204**
1/4" BSP	1/8" NPT	**Z10240402**
1/4" BSP	3/8" NPT	**Z10240406**
1/4" BSP	1/2" NPT	**Z10240408**
3/8"BSP	1/4"NPT	**Z10240604**
3/8" BSP	1/2" NPT	**Z10240608**
3/8" BSP	3/4" NPT	**Z10240612**
1/2" BSP	3/8" NPT	**Z10240806**
1/2" BSP	3/4" NPT	**Z10240812**
5/8" BSP	3/4" NPT	**Z10241012**
3/4" BSP	1/4" NPT	**Z10241204**
3/4" BSP	3/8" NPT	**Z10241206**
3/4" BSP	1/2" NPT	**Z10241208**
3/4" BSP	1" NPT	**Z10241216**
3/4" BSP	1" 1/4 NPT	**Z10241220**
3/4" BSP	1"1/2 NPT	**Z10241224**
1" BSP	1/2" NPT	**Z10241608**
1" BSP	3/4" NPT	**Z10241612**
1" BSP	1"1/4 NPT	**Z10241620**
1" 1/4 BSP	1" NPT	**Z10242016**
1"1/4 BSP	1"1/2 NPT	**Z10242024**
1" 1/2 BSP	1" 1/4 NPT	**Z10242420**
1"1/2 BSP	2" NPT	**Z10242432**
2" BSP	1" 1/2 NPT	**Z10243224**

Adaptador macho BSP 60° - macho BSPT

Adaptor male BSP 60° - male BSPT

Adapteur mâle BSP cône 60° - mâle gaz conique BSPT

Niples di congiunzione BSP 60° - BSPT



ROSCA THREAD		Referencia Part nº
1/8" BSP	1/8" BSPT	**Z101202**
1/4" BSP	1/4" BSPT	**Z101204**
3/8" BSP	3/8" BSPT	**Z101206**
1/2" BSP	1/2" BSPT	**Z101208**
3/4" BSP	3/4" BSPT	**Z101212**
1" BSP	1" BSPT	**Z101216**
1"1/4 BSP	1"1/4 BSPT	**Z101220**
1"1/2 BSP	1"1/2 BSPT	**Z101224**
2" BSP	2" BSPT	**Z101232**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Reductor macho BSP 60° - macho BSPT

Reducer adaptor male BSP 60° - male BSPT

Réduction mâle BSP cône 60° - mâle gaz conique BSPT

Niples di riduzione BSP 60° – BSPT



ROSCA THREAD		Referencia Part n°
1/8" BSP	1/4" BSPT	**Z10220204**
1/4" BSP	1/8" BSPT	**Z10220402**
1/4" BSP	3/8" BSPT	**Z10220406**
1/4" BSP	1/2" BSPT	**Z10220408**
1/4" BSP	3/4" BSPT	**Z10220412**
3/8" BSP	1/2" BSPT	**Z10220608**
3/8" BSP	3/4" BSPT	**Z10220612**
1/2" BSP	1/4" BSPT	**Z10220804**
1/2" BSP	3/8" BSPT	**Z10220806**
1/2" BSP	3/4" BSPT	**Z10220812**
1/2" BSP	1" BSPT	**Z10220816**
5/8" BSP	3/4" BSPT	**Z10221012**
3/4" BSP	1/4" BSPT	**Z10221204**
3/4" BSP	3/8" BSPT	**Z10221206**
3/4" BSP	1/2" BSPT	**Z10221208**
3/4" BSP	1" BSPT	**Z10221216**
1" BSP	3/4" BSPT	**Z10221612**
1" BSP	1"1/4 BSPT	**Z10221620**
1" BSP	2" BSPT	**Z10221632**
1"1/4 BSP	1" BSPT	**Z10222016**
1"1/4 BSP	1"1/2 BSPT	**Z10222024**
1"1/4 BSP	2" BSPT	**Z10222032**
1 1/2" BSP	1" 1/4 BSPT	**Z10222420**
1"1/2 BSP	2" BSPT	**Z10222432**

Prolongador macho BSP 60° - hembra fija BSP

Adaptor male BSP 60° - fixed female BSP

Prolongateur mâle BSP cône 60° - femelle gaz fixe

Prolunga maschio BSP 60° – femmina BSP



ROSCA(M) THREAD (M)	ROSCA(H) THREAD(F)	Referencia Part n°
1/8" BSP	1/8" BSP	**Z106002**
1/4" BSP	1/4" BSP	**Z106004**
3/8" BSP	3/8" BSP	**Z106006**
1/2" BSP	1/2" BSP	**Z106008**
3/4" BSP	3/4" BSP	**Z106012**
1" BSP	1" BSP	**Z106016**
1"1/4 BSP	1"1/4 BSP	**Z106020**
1"1/2 BSP	1"1/2 BSP	**Z106024**
2" BSP	2" BSP	**Z106032**

Reductor macho BSP 60° - hembra fija BSP

Reducer adaptor male BSP 60° - fixed female BSP

Prolongateur réducteur mâle BSP cône 60° - femelle gaz

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	**Z10600204**
1/8" BSP	3/8" BSP	**Z10600206**
1/4" BSP	1/8" BSP	**Z10600402**
1/4" BSP	3/8" BSP	**Z10600406**
1/4" BSP	1/2" BSP	**Z10600408**
3/8" BSP	1/4" BSP	**Z10600604**
3/8" BSP	1/2" BSP	**Z10600608**
1/2" BSP	1/4" BSP	**Z10600804**
1/2" BSP	3/8"BSP	**Z10600806**
1/2" BSP	3/4" BSP	**Z10600812**
1/2" BSP	1" BSP	**Z10600816**
3/4" BSP	3/8" BSP	**Z10601206**
3/4" BSP	1/2" BSP	**Z10601208**
3/4" BSP	1" BSP	**Z10601216**
1" BSP	3/4" BSP	**Z10601612**
1" BSP	1"1/4 BSP	**Z10601620**
1" BSP	1"1/2 BSP	**Z10601624**
1"1/4 BSP	1" BSP	**Z10602016**
1"1/2 BSP	1"1/4 BSP	**Z10602420**
1"1/2 BSP	2" BSP	**Z10602432**
2" BSP	1"1/2 BSP	**Z10603224**

Prolongador macho BSPT - hembra fija BSP

NEW

Adaptor male BSPT - fixed female BSP

Prolongateur mâle BSPT - femelle gaz fixe

Prolunga maschio BSPT - femmina BSP



ROSCA THREAD		Referencia Part n°
1/4"BSPT	1/4"BSP	**Z106104**
3/8" BSPT	3/8" BSP	**Z106106**
1/2" BSPT	1/2" BSP	**Z106108**
3/4" BSPT	3/4" BSP	**Z106112**
1" BSPT	1" BSP	**Z106116**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Adaptador hembra giratoria - hembra giratoria BSP 60°

Adaptor BSP 60° swivel female - BSP 60° swivel female
Adapteur femelle tournante BSP 60° - femelle tournante BSP 60°
Niples femmina - femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**Z117204**
3/8" BSP	3/8" BSP	**Z117206**
1/2" BSP	1/2" BSP	**Z117208**
3/4" BSP	3/4" BSP	**Z117212**
1" BSP	1" BSP	**Z117216**
1" 1/4 BSP	1" 1/4 BSP	**Z117220**
1" 1/2 BSP	1" 1/2 BSP	**Z117224**
2" BSP	2" BSP	**Z117232**

Adaptador macho - hembra giratoria BSP cono 60°

Adaptor male BSP 60° - swivel female BSP 60°
Adapteur mâle BSP - femelle tournante BSP cône 60°
Niples maschio - femmina girevole BSP 60°



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°
1/8" BSP	1/8" BSP	**Z117002**
1/4" BSP	1/4" BSP	**Z117004**
1/4" BSP	1/4" BSP	**Z117004H19**
3/8" BSP	3/8" BSP	**Z117006**
1/2" BSP	1/2" BSP	**Z117008**
3/4" BSP	3/4" BSP	**Z117012**
1" BSP	1" BSP	**Z117016**
1"1/4 BSP	1"1/4 BSP	**Z117020**
1"1/2 BSP	1"1/2 BSP	**Z117024**
2" BSP	2" BSP	**Z117032**

Reductor macho - hembra giratoria BSP cono 60°

Reducer male BSP 60° - swivel female BSP 60°
Réduction mâle BSP - femelle tournante BSP cône 60°
Niples di riduzione maschio - femmina girevole BSP 60°



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°
1/8" BSP	1/4" BSP	**Z11730204**
1/4" BSP	1/8" BSP	**Z11730402**
1/4" BSP	3/8" BSP	**Z11730406**
3/8" BSP	1/4" BSP	**Z11730604**
3/8" BSP	1/2" BSP	**Z11730608**
1/2" BSP	3/8" BSP	**Z11730806**
1/2" BSP	3/4" BSP	**Z11730812**
3/4" BSP	1/2" BSP	**Z11731208**
3/4" BSP	1" BSP	**Z11731216**
1" BSP	3/4" BSP	**Z11731612**
1" BSP	1" 1/4 BSP	**Z11731620**
1" 1/4 BSP	1" BSP	**Z11732016**
1" 1/4 BSP	1" 1/2 BSP	**Z11732024**
1" 1/2 BSP	1" 1/4 BSP	**Z11732420**
1" 1/2 BSP	2" BSP	**Z11732432**
2" BSP	1" 1/2 BSP	**Z11733224**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Tapón reductor macho BSP 60° - hembra fija BSP

Reducer plug male BSP 60° – fixed female BSP

Bouchon réducteur mâle BSP cône 60° – femelle gaz

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	**Z11500402**
3/8" BSP	1/8" BSP	**Z11500602**
3/8" BSP	1/4" BSP	**Z11500604**
1/2" BSP	1/4" BSP	**Z11500804**
1/2" BSP	3/8" BSP	**Z11500806**
3/4" BSP	1/2" BSP	**Z11501208**
1" BSP	1/2" BSP	**Z11501608**
1" BSP	3/4" BSP	**Z11501612**
1" 1/4 BSP	3/4" BSP	**Z11502012**
1" 1/4 BSP	1" BSP	**Z11502016**
1" 1/2 BSP	1" BSP	**Z11502416**
2" BSP	1" BSP	**Z11503216**
2" BSP	1" 1/2 BSP	**Z11503224**

Tapón hembra hexagonal rosca BSP

BSP fixed female plug

Bouchon femelle gaz

Tappo femmina fissa BSP



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z107204**
3/8" BSP	**Z107206**
1/2" BSP	**Z107208**
3/4" BSP	**Z107212**
1" BSP	**Z107216**
1"1/4 BSP	**Z107220**
1"1/2 BSP	**Z107224**
2" BSP	**Z107232**

Tapón macho hexagonal rosca BSP 60°

BSP male hexagonal plug

Bouchon mâle BSP cône 60°

Tappo maschio esagonale BSP 60°



ROSCA THREAD	Referencia Part n°
1/8" BSP	**Z107002**
1/4" BSP	**Z107004**
3/8" BSP	**Z107006**
1/2" BSP	**Z107008**
3/4" BSP	**Z107012**
1" BSP	**Z107016**
1"1/4 BSP	**Z107020**
1"1/2 BSP	**Z107024**
2" BSP	**Z107032**

Tapón hembra giratoria BSP cono 60°

BSP swivel female plug

Bouchon femelle tournante BSP cône 60°

Tappo femmina girevole BSP 60°



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z107504**
3/8" BSP	**Z107506**
1/2" BSP	**Z107508**
3/4" BSP	**Z107512**
1" BSP	**Z107516**
1" 1/4 BSP	**Z107520**
1"1/2 BSP	**Z107524**
2" BSP	**Z107532**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Manguito redondo roscado hembra BSP

Adaptor female fixed BSP - female fixed BSP

Manchon femelle gaz ronde

Manicotto femmina - femmina BSP



ROSCA THREAD	Referencia Part n°
1/8" BSP	**Z131002**
1/4" BSP	**Z131004**
3/8" BSP	**Z131006**
1/2" BSP	**Z131008**
5/8" BSP	**Z131010**
3/4" BSP	**Z131012**
1" BSP	**Z131016**
1"1/4 BSP	**Z131020**
1"1/2 BSP	**Z131024**
2" BSP	**Z131032**

Manguito hexagonal roscado hembra BSP

Adaptor hexagonal female fixed BSP - female fixed BSP

Manchon femelle gaz - femelle gaz hexagone

Prolunga esagonale femmina - femmina BSP



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z103104**
3/8" BSP	**Z103106**
1/2" BSP	**Z103108**
3/4" BSP	**Z103112**
1" BSP	**Z103116**
1"1/4 BSP	**Z103120**
1"1/2 BSP	**Z103124**

Manguito reducción hexagonal roscado hembra BSP

Reducer hexagonal female fixed BSP - female fixed BSP

Manchon réducteur femelle gaz - femelle gaz hexagone

Riduzione femmina - femmina BSP



ROSCA THREAD			Referencia Part n°
3/8" BSP	1/4" BSP		**Z10310604**
1/2" BSP	1/4" BSP		**Z10310804**
1/2" BSP	3/8" BSP		**Z10310806**
3/4" BSP	1/2" BSP		**Z10311208**
1" BSP	3/4" BSP		**Z10311612**
1"1/4 BSP	1" BSP	NEW	**Z10312016**

Pasatabiques sin tuerca BSP cono 60°

Straight bulkhead adaptor BSP 60° without nut

Passe-cloison mâle BSP 60° - mâle BSP 60° sans équiper

Nipples passaparete BSP 60° (senza controdado)



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z116004**
3/8" BSP	**Z116006**
1/2" BSP	**Z116008**
3/4" BSP	**Z116012**
1" BSP	**Z116016**
1" 1/4 BSP	**Z116020**
1" 1/2 BSP	**Z116024**
2" BSP	**Z116032**

Tuerca pasatabiques BSP

Conter nut for BSP bulkhead

Contre-écrou passe-cloison gaz

Controdado per passaparete



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z116104**
3/8" BSP	**Z116106**
1/2" BSP	**Z116108**
3/4" BSP	**Z116112**
1" BSP	**Z116116**
1" 1/4 BSP	**Z116120**
1" 1/2 BSP	**Z116124**
2" BSP	**Z116132**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Tornillo orientable simple BSP

BSP Bolt for banjo

Vis creuse simple pour banjo BSP

Bullone forato BSP



ROSCA THREAD	Referencia Part n°
1/8" BSP	**Z109002**
1/4" BSP	**Z109004**
3/8" BSP	**Z109006**
1/2" BSP	**Z109008**
3/4" BSP	**Z109012**
1" BSP	**Z109016**

Tornillo orientable simple Métrico

Metric bolt for banjo

Vis creuse simple for banjo Métrique

Bullone forato Metrico



ROSCA THREAD	Referencia Part n°
M12X1.5	**Z109212**
M14X1.5	**Z109214**
M16X1.5	**Z109216**
M18X1.5	**Z109218**
M22X1.5	**Z109222**
M26X1.5	**Z109226**
M30X2	**Z109230**

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°
1/4" BSP	1/4"	**Z114004**
3/8" BSP	3/8"	**Z114006**
1/2" BSP	1/2"	**Z114008**
3/4" BSP	3/4"	**Z114012**
1" BSP	1"	**Z114016**

Juntas metal FKM Gas Autocentrantes

BSP Bonded Seal FKM Self-centering

Bague BS gaz FKM auto-centrée

Rondella Bonded BSP Autocentrante (INOX-FKM)



ROSCA THREAD	Referencia Part n°
1/8" BSP	**ZVT21002**
1/4" BSP	**ZVT21004**
3/8" BSP	**ZVT21006**
1/2" BSP	**ZVT21008**
5/8" BSP	**ZVT21010**
3/4" BSP	**ZVT21012**
1" BSP	**ZVT21016**
1" 1/4 BSP	**ZVT21020**
1" 1/2 BSP	**ZVT21024**
2" BSP	**ZVT21032**
2" 1/2 BSP	**ZVT21040**

Juntas metal FKM Métricas Autocentrantes

Metric Bonded Seal in FKM Self-centering

Bague BS Métrique FKM auto-centrée

Rondella Bonded metrica Autocentrante (INOX-FKM)



ROSCA THREAD	Referencia Part n°
M6X1	**ZVT32006**
M8X1	**ZVT32008**
M10X1	**ZVT32010**
M12X1,5	**ZVT32012**
M14X1,5	**ZVT32014**
M16X1,5	**ZVT32016**
M18X1,5	**ZVT32018**
M20X1,5	**ZVT32020**
M22X1,5	**ZVT32022**
M24X1.5	**ZVT32024**
M26X1.5	**ZVT32026**
M27X1,5	**ZVT32027**
M30X2	**ZVT32030**
M36X2	**ZVT32036**
M42X2	**ZVT32042**
M48X2	**ZVT32048**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Codo 90° macho - hembra giratoria BSP cono 60°

90° Elbow swivel female BSP 60° - male BSP 60°

Adapteur coude 90° accesoriel mâle BSP - femelle tournante BSP cône 60°

Curva 90° maschio - femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**Z119404**
3/8" BSP	3/8" BSP	**Z119406**
1/2" BSP	1/2" BSP	**Z119408**
3/4" BSP	3/4" BSP	**Z119412**
1" BSP	1" BSP	**Z119416**
1"1/4 BSP	1"1/4 BSP	**Z119420**
1"1/2 BSP	1"1/2 BSP	**Z119424**
2" BSP	2" BSP	**Z119432**

Codo 90° hembra giratoria - hembra giratoria BSP co

90° Elbow swivel female BSP 60° - swivel female BSP 60°

Adapteur coude 90° femelle tournante BSP - femelle tournante cône 60°

Curva 90° femmina - femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**ZA119604**
3/8" BSP	3/8" BSP	**ZA119606**
1/2" BSP	1/2" BSP	**ZA119608**
3/4" BSP	3/4" BSP	**ZA119612**
1" BSP	1" BSP	**ZA119616**
1"1/4 BSP	1"1/4 BSP	**ZA119620**

Codo 45° macho - hembra giratoria BSP cono 60°

45° Ebow swivel female BSP 60° - male BSP 60°

Adapteur coude 45° accesoriel mâle BSP - femelle tournante BSP cône 60°

Curva 45° maschio - femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**Z119504**
3/8" BSP	3/8" BSP	**Z119506**
1/2" BSP	1/2" BSP	**Z119508**
3/4" BSP	3/4" BSP	**Z119512**
1" BSP	1" BSP	**Z119516**
1" 1/4 BSP	1" 1/4 BSP	**Z119520**
1"1/2 BSP	1" 1/2 BSP	**Z119524**
2" BSP	2" BSP	**Z119532**

Codo 45° hembra giratoria - hembra giratoria BSP cono

45° Ebow swivel female BSP 60° - swivel female BSP 60°

Adapteur coude 45° femelle tournante BSP - femelle tournante BSP cône 60°

Curva 45° femmina girevole - femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**ZA119504**
3/8" BSP	3/8" BSP	**ZA119506**
1/2" BSP	1/2" BSP	**ZA119508**
3/4" BSP	3/4" BSP	**ZA119512**
1" BSP	1" BSP	**ZA119516**
1"1/4 BSP	1"1/4 BSP	**ZA119520**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Codo 90° macho - macho BSP cono 60°

90° Adaptor male - male BSP 60°

Adapteur coude 90° mâle BSP - mâle BSP cône 60° forge

Adattatore a 90° maschio - maschio BSP 60°



ROSCA THREAD		Referencia Part n°
1/8" BSP	1/8" BSP	**Z1190002**
1/4" BSP	1/4" BSP	**Z1190004**
3/8" BSP	3/8" BSP	**Z1190006**
1/2" BSP	1/2" BSP	**Z1190008**
3/4" BSP	3/4" BSP	**Z1190012**
1" BSP	1" BSP	**Z1190016**
1"1/4 BSP	1"1/4 BSP	**Z1190020**
1"1/2 BSP	1"1/2 BSP	**Z1190024**

Codo 90° macho BSP 60° - macho BSPT

90° Adaptor male BSP 60° - male BSPT

Adapteur coude 90° mâle BSP cône 60° - mâle gaz conique BSPT forge

Adattatore a 90° maschio BSP 60° - maschio BSPT



ROSCA THREAD		Referencia Part n°
1/8" BSP	1/8" BSPT	**Z119202**
1/4" BSP	1/4" BSPT	**Z119204**
3/8" BSP	3/8" BSPT	**Z119206**
1/2" BSP	1/2" BSPT	**Z119208**
3/4" BSP	3/4" BSPT	**Z119212**
1" BSP	1" BSPT	**Z119216**
1"1/4 BSP	1"1/4 BSPT	**Z119220**
1" 1/2 BSP	1" 1/2 BSPT	**Z119224**

Codo 90° regulable macho - macho BSP

90° Adjustable stud elbow male-male BSP

Coude 90° orientable mâle - mâle BSP

Adattatore a 90° orientabile maschio - maschio BSP



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**Z119704**
3/8" BSP	3/8" BSP	**Z119706**
1/2" BSP	1/2" BSP	**Z119708**
3/4" BSP	3/4" BSP	**Z119712**
1" BSP	1" BSP	**Z119716**

Codo 90° macho BSP 60° - macho NPT

90° Adaptor male BSP 60° - male NPT

Adapteur coude 90° mâle BSP 60° - mâle NPT forge

Adattatore a 90° maschio BSP 60° - maschio NPT 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" NPT	**Z11910404**
3/8" BSP	3/8" NPT	**Z11910606**
1/2" BSP	1/2" NPT	**Z11910808**
3/4" BSP	3/4" NPT	**Z11911212**
1" BSP	1" NPT	**Z11911616**

Codo 90° macho - hembra giratoria BSP cono 60°

90° Adaptor male - swivel female BSP 60°

Adapteur coude 90° mâle BSP - femelle tournante BSP cône 60° forge

Adattatore a 90° maschio - femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/8" BSP	1/8" BSP	**Z119302**
1/4" BSP	1/4" BSP	**Z119304**
3/8" BSP	3/8" BSP	**Z119306**
1/2" BSP	1/2" BSP	**Z119308**
3/4" BSP	3/4" BSP	**Z119312**
1" BSP	1" BSP	**Z119316**
1"1/4 BSP	1"1/4 BSP	**Z119320**
1"1/2 BSP	1"1/2 BSP	**Z119324**

Codo 90° hembra fija - hembra fija BSP

90° Adaptor fixed female BSP

Adapteur coude 90° femelle fixe gaz cylindrique forge

Adattatore a 90° femmina fissa BSP



ROSCA THREAD		Referencia Part n°
1/8" BSP	1/8" BSP	**Z119602**
1/4" BSP	1/4" BSP	**Z119604**
3/8" BSP	3/8" BSP	**Z119606**
1/2" BSP	1/2" BSP	**Z119608**
3/4" BSP	3/4" BSP	**Z119612**
1" BSP	1" BSP	**Z119616**

Codo 90° hembra giratoria - hembra giratoria BSP con

90° Adaptor swivel female BSP 60°

Adapteur coude 90° femelle tournante BSP cône 60° forge

Adattatore a 90° femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**Z119804**
3/8" BSP	3/8" BSP	**Z119806**
1/2" BSP	1/2" BSP	**Z119808**
3/4" BSP	3/4" BSP	**Z119812**
1" BSP	1" BSP	**Z119816**
1" 1/4 BSP	1" 1/4 BSP	**Z119820**
1"1/2 BSP	1"1/2 BSP	**Z119824**

Codo 45° macho - hembra giratoria BSP cono 60°

45° Adaptor male - swivel female BSP 60°

Adapteur coude 45° mâle BSP - femelle tournante BSP cône 60° forge

Adattatore a 45° maschio - femmina girevole BSP 60°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSP	**Z118304**
3/8" BSP	3/8" BSP	**Z118306**
1/2" BSP	1/2" BSP	**Z118308**
3/4" BSP	3/4" BSP	**Z118312**
1" BSP	1" BSP	**Z118316**

Adaptadores BSP

BSP Adaptors
Adapteurs BSP
Adattatori BSP

Tes macho - macho - macho BSP cono 60°

Tees BSP 60° male

Adapteurs Té mâle BSP cône 60° forge

Adattarore a T maschio BSP 60°



ROSCA THREAD			Referencia Part n°
1/4" BSP	1/4" BSP	1/4" BSP	**Z122004**
3/8" BSP	3/8" BSP	3/8" BSP	**Z122006**
1/2" BSP	1/2" BSP	1/2" BSP	**Z122008**
3/4" BSP	3/4" BSP	3/4" BSP	**Z122012**
1" BSP	1" BSP	1" BSP	**Z122016**
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	**Z122020**
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	**Z122024**

Tes macho - macho - hembra giratoria BSP 60°

Tees BSP 60° male - male - swivel female

Adapteurs Té mâle BSP - mâle BSP - femelle tournante BSP cône 60° forge

Adattatore a T maschio - maschio - femmina girevole BSP 60°



ROSCA (M) THREAD (M)		ROSCA (H) THREAD (F)	Referencia Part n°
1/4" BSP	1/4" BSP	1/4" BSP	**Z122204**
3/8" BSP	3/8" BSP	3/8" BSP	**Z122206**
1/2" BSP	1/2" BSP	1/2" BSP	**Z122208**
3/4" BSP	3/4" BSP	3/4" BSP	**Z122212**
1" BSP	1" BSP	1" BSP	**Z122216**
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	**Z122220**
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	**Z122224**

Tes macho - hembra giratoria - macho BSP 60°

Tees BSP 60° male - swivel female - male

Adapteurs Té mâle BSP - femelle tournante - mâle BSP cône 60° forge

Adattatore a T maschio - femmina girevole - maschio BSP 60°



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°
1/4" BSP	1/4" BSP	1/4" BSP	**Z122404**
3/8" BSP	3/8" BSP	3/8" BSP	**Z122406**
1/2" BSP	1/2" BSP	1/2" BSP	**Z122408**
3/4" BSP	3/4" BSP	3/4" BSP	**Z122412**
1" BSP	1" BSP	1" BSP	**Z122416**
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	**Z122420**
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	**Z122424**

Tes hembras giratorias BSP cono 60°

Tees BSP 60° swivel female

Adapteurs Té femelle tournante BSP cône 60° forge

Adattatore a T femmina girevole BSP 60°



ROSCA THREAD			Referencia Part n°
1/4" BSP	1/4" BSP	1/4" BSP	**Z122804**
3/8" BSP	3/8" BSP	3/8" BSP	**Z122806**
1/2" BSP	1/2" BSP	1/2" BSP	**Z122808**
3/4" BSP	3/4" BSP	3/4" BSP	**Z122812**
1" BSP	1" BSP	1" BSP	**Z122816**
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	**Z122820**
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	**Z122824**

Tes hembras fijas BSP

Tees fixed female BSP

Adapteurs Té femelle gaz forge

Adattatore a T femmina fissa BSP



ROSCA THREAD			Referencia Part n°
1/4" BSP	1/4" BSP	1/4" BSP	**Z122604**
3/8" BSP	3/8" BSP	3/8" BSP	**Z122606**
1/2" BSP	1/2" BSP	1/2" BSP	**Z122608**
3/4" BSP	3/4" BSP	3/4" BSP	**Z122612**
1" BSP	1" BSP	1" BSP	**Z122616**

Tes macho BSP 60° - macho NPT central - macho BS

Tees BSP 60° male - NPT male center - BSP 60° male

Adapteurs Té mâle BSP 60° - mâle NPT central - mâle BSP 60° forge

Adattatore a T maschio BSP 60° - maschio NPT 60° centrale - maschio BSP 60°



ROSCA THREAD			Referencia Part n°
1/4" BSP	1/4" NPT	1/4" BSP	**Z12210404**
3/8" BSP	3/8" NPT	3/8" BSP	**Z12210606**
1/2" BSP	1/2" NPT	1/2" BSP	**Z12210808**
3/4" BSP	3/4" NPT	3/4" BSP	**Z12211212**
1" BSP	1" NPT	1" BSP	**Z12211616**

Tes macho BSP 60° - macho BSP 60° - macho NPT la

Tees BSP 60° male - BSP 60° male - NPT lateral male

Adapteurs Té mâle BSP 60° - mâle BSP 60° - mâle NPT latéral forge

Adattatore a T maschio BSP 60° - maschio BSP 60° - maschio NPT 60° laterale



ROSCA THREAD			Referencia Part n°
1/4" BSP	1/4" BSP	1/4" NPT	**Z12230404**
3/8" BSP	3/8" BSP	3/8" NPT	**Z12230606**
1/2" BSP	1/2" BSP	1/2" NPT	**Z12230808**
3/4" BSP	3/4" BSP	3/4" NPT	**Z12231212**
1" BSP	1" BSP	1" NPT	**Z12231616**

Cruz hembra fija BSP

Cross fixed female BSP

Croix BSP femelle fixe

Adattatore a croce femmina fissa BSP



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z122704**
3/8" BSP	**Z122706**
1/2" BSP	**Z122708**
3/4" BSP	**Z122712**
1" BSP	**Z122716**

Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

Adaptor macho - macho NPT

Adaptor male NPT - male NPT

Adapteur mâle NPT - mâle NPT

Niples di congiunzione NPT



ROSCA THREAD		Referencia Part n°
1/4" NPT	1/4" NPT	**Z10150404**
3/8" NPT	3/8" NPT	**Z10150606**
1/2" NPT	1/2" NPT	**Z10150808**
3/4" NPT	3/4" NPT	**Z10151212**
1" NPT	1" NPT	**Z10151616**
1" 1/4 NPT	1" 1/4 NPT	**Z10152020**
1" 1/2 NPT	1" 1/2 NPT	**Z10152424**
2" NPT	2" NPT	**Z10153232**

Reductor macho - macho NPT

Reducer male NPT - male NPT

Réducteur mâle NPT- mâle NPT

Niples di riduzione maschio – maschio NPT



ROSCA THREAD		Referencia Part n°
1/4" NPT	1/8" NPT	**ZN10150402**
3/8" NPT	1/8" NPT	**ZN10150602**
3/8" NPT	1/4" NPT	**ZN10150604**
1/2" NPT	1/4" NPT	**ZN10150804**
1/2" NPT	3/8" NPT	**ZN10150806**
3/4" NPT	3/8" NPT	**ZN10151206**
3/4" NPT	1/2" NPT	**ZN10151208**
1" NPT	1/2" NPT	**ZN10151608**
1" NPT	3/4" NPT	**ZN10151612**
1" 1/4 NPT	1" NPT	**ZN10152016**
1" 1/2 NPT	1" NPT	**ZN10152416**
1" 1/2 NPT	1" 1/4 NPT	**ZN10152420**

Adaptador macho - hembra fija NPT

Adaptor male NPT - fixed female NPT

Adapteur mâle NPT - femelle fixe NPT

Niples di congiunzione maschio NPT - femmina fissa NPT



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°
1/8" NPT	1/8" NPT	**ZN10600202**
1/8" NPT	1/4" NPT	**ZN10600204**
1/4" NPT	1/8" NPT	**ZN10600402**
1/4" NPT	1/4" NPT	**ZN10600404**
1/4" NPT	3/8" NPT	**ZN10600406**
1/4" NPT	1/2" NPT	**ZN10600408**
3/8" NPT	1/4" NPT	**ZN10600604**
3/8" NPT	3/8" NPT	**ZN10600606**
3/8" NPT	1/2" NPT	**ZN10600608**
1/2" NPT	3/8" NPT	**ZN10600806**
1/2" NPT	1/2" NPT	**ZN10600808**
1/2" NPT	3/4" NPT	**ZN10600812**
3/4" NPT	1/2" NPT	**ZN10601208**
3/4" NPT	3/4" NPT	**ZN10601212**
3/4" NPT	1" NPT	**ZN10601216**
1" NPT	3/4" NPT	**ZN10601612**
1" NPT	1" NPT	**ZN10601616**

Reductor macho - hembra fija NPT

Reducer male NPT - fixed female NPT

Réducteur mâle NPT - femelle fixe NPT

Niples di riduzione maschio NPT - femmina fissa NPT



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°
3/8" NPT	1/8" NPT	**ZN11500602**
3/8" NPT	1/4" NPT	**ZN11500604**
1/2" NPT	1/4" NPT	**ZN11500804**
1/2" NPT	3/8" NPT	**ZN11500806**
3/4" NPT	1/4" NPT	**ZN11501204**
3/4" NPT	3/8" NPT	**ZN11501206**
3/4" NPT	1/2" NPT	**ZN11501208**
1" NPT	3/8" NPT	**ZN11501606**
1" NPT	1/2" NPT	**ZN11501608**
1" NPT	3/4" NPT	**ZN11501612**
1" 1/4 NPT	1" NPT	**ZN11502016**
1" 1/2 NPT	1" NPT	**ZN11502416**
1" 1/2 NPT	1" 1/4 NPT	**ZN11502420**

Adaptador macho NPT - hembra giratoria NPSM

Adaptor male NPT - swivel female NPSM

Adapteur mâle NPT - femelle tournante NPSM

Niples di congiunzione maschio NPT - femmina girevole NPSM



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°
1/8" NPT	1/8" NPSM	**ZN11700202**
1/4" NPT	1/4" NPSM	**ZN11700404**
3/8" NPT	3/8" NPSM	**ZN11700606**
3/8" NPT	1/2" NPSM	**ZN11700608**
1/2" NPT	1/2" NPSM	**ZN11700808**
1/2" NPT	3/4" NPSM	**ZN11700812**
3/4" NPT	3/4" NPSM	**ZN11701212**
3/4" NPT	1" NPSM	**ZN11701216**
1" NPT	1" NPSM	**ZN11701616**
1" 1/4 NPT	1" 1/4 NPSM	**ZN11702020**
1" 1/2 NPT	1" 1/2 NPSM	**ZN11702424**

Adaptador macho UNF - hembra giratoria NPSM

Adpator male UNF - swivel female NPSM

Adapteur mâle UNF - femelle tournante NPSM

Niples di giunzione maschio UNF - femmina girevole NPSM



ROSCA THREAD		Referencia Part n°
7/16" 20h UNF	1/4" 18h NPSM	**ZN11740404**
9/16" 18h UNF	3/8" 18h NPSM	**ZN11740606**
9/16" 18h UNF	1/2" 14h NPSM	**ZN11740608**
3/4" 16h UNF	1/2" 14h NPSM	**ZN11740808**
3/4" 16h UNF	3/4" 14h NPSM	**ZN11740812**
7/8" 14h UNF	1/2" 14h NPSM	**ZN11741008**
7/8" 14h UNF	3/4" 14h NPSM	**ZN11741012**
1"1/16 12h UNF	3/4" 14h NPSM	**ZN11741212**
1"5/16 12h UNF	1" 11 1/2h NPSM	**ZN11741616**
1"5/8 12h UNF	1"1/4 11-1/2h NPSM	**ZN11742020**

Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

Tapón hembra fija NPT

S.S. NPT fixed cap

Bouchon femelle fixe NPT

Tappo femmina fissa NPT



ROSCA THREAD	Referencia Part n°
1/8" NPT	**ZN107202**
1/4" NPT	**ZN107204**
3/8" NPT	**ZN107206**
1/2" NPT	**ZN107208**
3/4" NPT	**ZN107212**
1" NPT	**ZN107216**

Tapón macho NPT

S.S. NPT male plug

Bouchon mâle NPT

Tappo maschio NPT



ROSCA THREAD	Referencia Part n°
1/8" NPT	**ZN107002**
1/4" NPT	**ZN107004**
3/8" NPT	**ZN107006**
1/2" NPT	**ZN107008**
3/4" NPT	**ZN107012**
1" NPT	**ZN107016**
1"1/4 NPT	**ZN107020**
1"1/2 NPT	**ZN107024**

Tapón Allen NPT

S.S. NPT Allen plug

Bouchon Allen NPT

Tappo conico NPT con esagono incassato



ROSCA THREAD	Referencia Part n°
1/4" NPT	**ZN107104**
3/8" NPT	**ZN107106**
1/2" NPT	**ZN107108**
3/4" NPT	**ZN107112**
1" NPT	**ZN107116**

Adaptador hexagonal hembra fija NPT

NPT hexagonal adaptor fixed female

Adapteur hexagonal femelle fixe NPT

Adattatore esagonale femmina fissa NPT



ROSCA THREAD		Referencia Part n°
1/8" NPT	1/8" NPT	**ZN10310202**
1/4" NPT	1/4" NPT	**ZN10310404**
3/8" NPT	3/8" NPT	**ZN10310606**
1/2" NPT	1/2" NPT	**ZN10310808**
3/4" NPT	3/4" NPT	**ZN10311212**
1" NPT	1" NPT	**ZN10311616**
1" 1/4 NPT	1" 1/4 NPT	**ZN10312020**

Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

Codo 90° macho - macho 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	1/8" NPT	**ZN119002**
1/4" NPT	1/4" NPT	**ZN119004**
3/8" NPT	3/8" NPT	**ZN119006**
1/2" NPT	1/2" NPT	**ZN119008**
3/4" NPT	3/4" NPT	**ZN119012**
1" NPT	1" NPT	**ZN119016**
1" 1/4 NPT	1" 1/4 NPT	**ZN119020**

Codo 90° macho NPT - hembra giratoria NPSM

90° elbow male NPT - swivel female NPSM

Coude 90° mâle NPT - femelle tournante NPSM

Adattatore a 90° maschio NPT - femmina girevole NPSM



ROSCA THREAD		Referencia Part n°
1/8" NPT	1/8" 27h NPSM	**ZN11930202**
1/4" NPT	1/4" - 18h NPSM	**ZN11930404**
1/4" NPT	3/8" - 18h NPSM	**ZN11930406**
3/8" NPT	3/8" - 18h NPSM	**ZN11930606**
3/8" NPT	1/2" - 14h NPSM	**ZN11930608**
1/2" NPT	1/2" - 14 NPSM	**ZN11930808**
1/2" NPT	3/4" - 14h NPSM	**ZN11930812**
3/4" NPT	1/2" - 14 NPSM	**ZN11931208**
3/4" NPT	3/4" - 14h NPSM	**ZN11931212**
3/4" NPT	1" - 11 1/2 h NPSM	**ZN11931216**
1" NPT	1" - 11 1/2 h NPSM	**ZN11931616**
1"1/4 NPT	1"1/4 - 11 1/2 h NPSM	**ZN11932020**

Codo 90° hembra fija - hembra fija 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	1/8" NPT	**ZN11960202**
1/4" NPT	1/4" NPT	**ZN11960404**
3/8" NPT	3/8" NPT	**ZN11960606**
1/2" NPT	1/2" NPT	**ZN11960808**
3/4" NPT	3/4" NPT	**ZN11961212**
1" NPT	1" NPT	**ZN11961616**

Codo 45° macho - macho NPT

45° elbow male NPT - male NPT

Coude 45° mâle NPT - mâle NPT

Adattatore a 45° maschio - maschio NPT



ROSCA THREAD		Referencia Part n°
1/4" NPT	1/4" NPT	**ZN119804**
3/8" NPT	3/8" NPT	**ZN119806**
1/2" NPT	1/2" NPT	**ZN119808**
3/4 NPT	3/4 NPT	**ZN119812**
1" NPT	1" NPT	**ZN119816**

Codo 45° hembra fija- hembra fija NPT

45° elbow fixed female NPT - fixed female NPT

Coude 45° femelle fixe NPT - femelle fixe NPT

Adattatore a 45° femmina fissa - femmina fissa NPT



ROSCA THREAD		Referencia Part n°
1/4" NPT	1/4" NPT	**ZN139604**
3/8" NPT	3/8" NPT	**ZN139606**
1/2" NPT	1/2" NPT	**ZN139608**
3/4" NPT	3/4" NPT	**ZN139612**
1" NPT	1" NPT	**ZN139616**

Codo 45° macho NPT - hembra giratoria NPSM

45° elbow male NPT - swivel female NPSM

Coude 45° mâle NPT - swivel female NPSM

Adattatore a 45° maschio NPT - femmina girevole NPSM



ROSCA THREAD		Referencia Part n°
1/4" NPT	1/4" - 18h NPSM	**ZN139304**
3/8" NPT	3/8" - 18h NPSM	**ZN139306**
1/2" NPT	1/2" - 14h NPSM	**ZN139308**
3/4" NPT	3/4" - 14h NPSM	**ZN139312**
1" NPT	1" - 11 1/2 h NPSM	**ZN139316**

Adaptadores NPT

NPT Adaptors
Adapteurs NPT
Adattatori NPT

Tes macho-macho-macho NPT

NPT male tee

Té mâle NPT

Adattatore a T maschio conico NPT



ROSCA THREAD			Referencia Part nº
1/8" NPT	1/8" NPT	1/8" NPT	**ZN122002**
1/4" NPT	1/4" NPT	1/4" NPT	**ZN122004**
3/8" NPT	3/8" NPT	3/8" NPT	**ZN122006**
1/2" NPT	1/2" NPT	1/2" NPT	**ZN122008**
3/4" NPT	3/4" NPT	3/4" NPT	**ZN122012**
1" NPT	1" NPT	1" NPT	**ZN122016**

Tes hembra fija-hembra fija-hembra fija NPT

NPT fixed female tee

Té femelle fixe NPT

Adattatore a T femmina fissa NPT



ROSCA THREAD			Referencia Part nº
1/8" NPT	1/8" NPT	1/8" NPT	**ZN122602**
1/4" NPT	1/4" NPT	1/4" NPT	**ZN122604**
3/8" NPT	3/8" NPT	3/8" NPT	**ZN122606**
1/2" NPT	1/2" NPT	1/2" NPT	**ZN122608**
3/4" NPT	3/4" NPT	3/4" NPT	**ZN122612**
1" NPT	1" NPT	1" NPT	**ZN122616**

Adaptadores O'Ring Boss

O'Ring Boss Adaptors
Adapteurs O'Ring Boss
Adattatori O'Ring Boss

Adaptador macho - macho O'Ring Boss

Adaptor male - male O'Ring Boss

Adapteur mâle - mâle O'Ring Boss

Adattatore maschio-maschio o-ring Boss



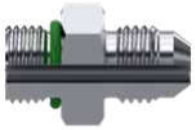
TUBO PIPE	ROSCA THREAD		Referencia Part nº
6	1/4"	7/16"-20h UNF 7/16"-20h UNF	ZS64640606
8	5/16"	1/2"-20h UNF 1/2"-20h UNF	ZS64640808
10	3/8"	9/16"-18h UNF 9/16"-18h UNF	ZS64641010
12	1/2"	3/4"-16h UNF 3/4"-16h UNF	ZS64641212
14-15-16	5/8"	7/8"-14h UNF 7/8"-14h UNF	ZS64641616
18-20	3/4"	1"1/16-12h UN 1"1/16-12h UN	ZS64642020
25	1"	1"5/16-12h UN 1"5/16-12h UN	ZS64642525

Adaptador macho O'Ring Boss - macho JIC 37°

Adaptor male O'Ring Boss - male JIC 37°

Adapteur mâle O'Ring Boss- mâle JIC 37°

Adattatore maschio o-ring Boss - maschio JIC 37°



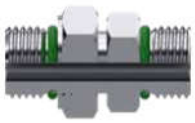
TUBO PIPE	ROSCA THREAD		Referencia Part nº
6	1/4"	7/16"-20h UNF 7/16"-20h UNF	ZS22006
8	5/16"	1/2"-20h UNF 1/2"-20h UNF	ZS22008
10	3/8"	9/16"-18h UNF 9/16"-18h UNF	ZS22010
12	1/2"	3/4"-16h UNF 3/4"-16h UNF	ZS22012
14-15-16	5/8"	7/8"-14h UNF 7/8"-14h UNF	ZS22016
18-20	3/4"	1"1/16-12h UN 1"1/16-12h UN	ZS22020
25	1"	1"5/16-12h UN 1"5/16-12h UN	ZS22025
30-32	1"1/4	1"5/8-12h UN 1"5/8-12h UN	ZS22032
38	1"1/2	1"7/8-12h UN 1"7/8-12h UN	ZS22038

Adaptador macho O'Ring Boss - macho regulable O'Ring Bo

Adaptor male O'Ring Boss - adjustable male O'Ring Boss

Adapteur mâle O'Ring Boss - mâle réglable O'Ring Boss

Adattatore maschio o-ring Boss - maschio regolabile o-ring Boss



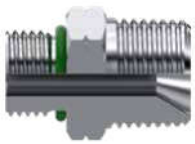
TUBO PIPE	ROSCA THREAD		Referencia Part nº
6	1/4"	7/16"-20h UNF 7/16"-20h UNF	ZS34740606
10	3/8"	9/16"-18h UNF 9/16"-18h UNF	ZS34741010
12	1/2"	3/4"-16h UNF 3/4"-16h UNF	ZS34741212
14-15-16	5/8"	7/8"-14h UNF 7/8"-14h UNF	ZS34741616
18-20	3/4"	1"1/16-12h UN 1"1/16-12h UN	ZS34742020
25	1"	1"5/16-12h UN 1"5/16-12h UN	ZS34742525

Adaptador macho O'Ring Boss - macho NPT

Adaptor male O'Ring Boss - male NPT

Adapteur mâle O'Ring Boss- mâle NPT

Adattatore maschio o-ring Boss - maschio NPT



TUBO PIPE	ROSCA THREAD		Referencia Part nº
6	1/4"	7/16"-20h UNF 1/4" NPT	ZS64010613
10	3/8"	9/16"-18h UNF 3/8" NPT	ZS64011017
12	1/2"	3/4"-16h UNF 1/2" NPT	ZS64011221
14-15-16	5/8"	7/8"-14h UNF 1/2"NPT	ZS64011621
18-20	3/4"	1"1/16-12h UN 3/4" NPT	ZS64012026
25	1"	1"5/16-12h UN 1" NPT	ZS64012533

Adaptador macho O'Ring Boss - hembra giratoria JIC 37°

Adaptor male O'Ring Boss - swivel female JIC 37°

Adapteur mâle O'Ring Boss - femelle tournante JIC 37°

Adattatore maschio o-ring Boss - femmina gir. JIC 37°



TUBO PIPE	ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part nº
6	1/4"	7/16" 20h UNF 7/16" 20h UNF	ZS38006
10	3/8"	9/16" 18h UNF 9/16" 18h UNF	ZS38010
12	1/2"	3/4" 16h UNF 3/4" 16h UNF	ZS38012
14-15-16	5/8"	7/8" 14h UNF 7/8" 14h UNF	ZS38016
18-20	3/4"	1"1/16 12hUN 1"1/16 12h UN	ZS38020
25	1"	1"5/16 12h UN 1"5/16 12h UN	ZS38025

Prolongador macho O'Ring Boss - hembra fija NPT

Adaptor male O'Ring Boss - fixed female NPT

Prolongateur mâle O'Ring Boss - femelle fixe NPT

Prolunga machio o-ring Boss - femmina fissa NPT



TUBO PIPE	ROSCA THREAD		Referencia Part nº
6	1/4"	7/16"-20h UNF 1/4"NPT	ZS64050613
10	3/8"	9/16"-18h UNF 3/8"NPT	ZS64051017
12	1/2"	3/4"-16h UNF 1/2"NPT	ZS64051221
14-15-16	5/8"	7/8"-14h UNF 1/2"NPT	ZS64051621
18-20	3/4"	1"1/16-12h UN 3/4"NPT	ZS64052026
25	1"	1"5/16-12h UN 1"NPT	ZS64052533

Tapón macho O'Ring Boss hexagonal

Male hexagonal O'Ring Boss plug

Bouchon mâle O'Ring Boss hexagonal

Tappo maschio o-ring Boss testa esagonale



ROSCA THREAD	Referencia Part nº
7/16"-20h UNF	ZS640806
1/2"-20h UNF	ZS640808
9/16"-18h UNF	ZS640810
3/4"-16h UNF	ZS640812
7/8"-14h UNF	ZS640816
1"1/16-12h UN	ZS640820
1"5/16-12h UN	ZS640825

Tapón macho O'Ring Boss Allen

Male allen O'Ring Boss plug

Bouchon mâle O'Ring Boss allen

Tappo maschio o-ring Boss esagono incassato



ROSCA THREAD	Referencia Part nº
7/16"-20h UNF	ZS640906
1/2"-20h UNF	ZS640908
9/16"-18h UNF	ZS640910
3/4"-16h UNF	ZS640912
7/8"-14h UNF	ZS640916
1"1/16-12h UN	ZS640920
1"5/16-12h UN	ZS640925

Adaptadores O'Ring Boss

O'Ring Boss Adaptors
Adapteurs O'Ring Boss
Adattatori O'Ring Boss

Codo 90° regulable macho O'Ring Boss - macho JIC 37°

90° Adjustable elbow male O'Ring Boss -male JIC 37°
Coude 90° orientable mâle O'Ring Boss - mâle JIC 37°
Curva a 90° regolabile maschio o-ring Boss - maschio JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°
6	1/4"	7/16"-20h UNF	7/16"-20h UNF	**ZS57506**
8	5/16"	1/2"-20h UNF	1/2"-20h UNF	**ZS57508**
10	3/8"	9/16"-18h UNF	9/16"-18h UNF	**ZS57510**
12	1/2"	3/4"-16h UNF	3/4"-16h UNF	**ZS57512**
14-15-16	5/8"	7/8"-14h UNF	7/8"-14h UNF	**ZS57516**
18-20	3/4"	1"1/16-12h UN	1"1/16-12h UN	**ZS57520**
25	1"	1"5/16-12h UN	1"5/16-12h UN	**ZS57525**

Te regulable macho O'Ring Boss - macho JIC 37° - macho

Adjustable Tee male O'Ring Boss - male JIC 37° - male JIC 37°
Té orientable macho O'Ring Boss - macho JIC 37°- macho JIC 37°
Tee regolabile maschio o-ring Boss - maschio JIC 37°- maschio JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" - 20h UNF	**ZS680306**
8	5/16"	1/2" - 20h UNF	**ZS680308**
10	3/8"	9/16" - 18h UNF	**ZS680310**
12	1/2"	3/4" - 16h UNF	**ZS680312**
14-15-16	5/8"	7/8" 14h UNF	**ZS680316**
18-20	3/4"	1"1/16-12h UN	**ZS680320**
25	1"	1" 5/16-12h UN	**ZS680325**

Te regulable macho JIC 37° - macho O'Ring Boss - macho JIC 37°

Adjustable Tee male JIC 37° - male O'Ring Boss - male JIC 37°
Té orientable macho JIC 37° - macho O'Ring Boss - macho JIC 37°
Tee regolabile maschio JIC 37° - maschio o-ring Boss- maschio JIC 37°



TUBO PIPE		ROSCA THREAD	Referencia Part n°
6	1/4"	7/16" - 20h UNF	**ZS680406**
8	5/16"	1/2"-20h UNF	**ZS680408**
10	3/8"	9/16" - 18h UNF	**ZS680410**
12	1/2"	3/4" - 16h UNF	**ZS680412**
14-15-16	5/8"	7/8" 14h UNF	**ZS680416**
18-20	3/4"	1"1/16-12h UN	**ZS680420**
25	1"	1" 5/16-12h UN	**ZS680425**

Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS

Tuerca ORFS

ORFS Nut

Écrou ORFS

Dado ORFS



TUBO PIPE	ROSCA THREAD	Referencia Part n°
6-8	ORFS 9/16"-18h	**ZOR1020400**
10	ORFS 11/16"-16h	**ZOR1020600**
12	ORFS 13/16"-16h	**ZOR1020800**
14-15-16	ORFS 1"-14h	**ZOR1021000**
18-20	ORFS 1"3/16-12h	**ZOR1021200**
22-25	ORFS 1"7/16-12h	**ZOR1021600**
28-30-32	ORFS 1"11/16-12h	**ZOR1022000**
35-38	ORFS 2"-12h	**ZOR1022400**

Cono soldar ORFS

ORFS Welding nipple

Collet à souder ORFS

Ogiva a saldare ORFS



TUBO PIPE	ROSCA THREAD	Referencia Part n°
6	ORFS 9/16"-18h	**ZOR12730406**
8	ORFS 9/16"-18h	**ZOR12730408**
10	ORFS 11/16"-16h	**ZOR12730610**
12	ORFS 13/16"16h	**ZOR12730812**
14	ORFS 1"-14h	**ZOR12731014**
15	ORFS 1"-14h	**ZOR12731015**
16	ORFS 1"-14h	**ZOR12731016**
18	ORFS 1" 3/16-12h	**ZOR12731218**
20	ORFS 1" 3/16-12h	**ZOR12731220**
22	ORFS 1" 7/16-12h	**ZOR12731622**
30	ORFS 1"11/16-12h	**ZOR12732030**
32	ORFS 1"11/16-12h	**ZOR12732032**
38	ORFS 2"-12h	**ZOR12732438**

Tapón macho ORFS

ORFS Male plug

Bouchon mâle ORFS

Tappo maschio ORFS



ROSCA THREAD	Referencia Part n°
ORFS 9/16"-18h	**ZOR1040400**
ORFS 11/16"-16h	**ZOR1040600**
ORFS 13/16"-16h	**ZOR1040800**
ORFS 1"-14h	**ZOR1041000**
ORFS 1"3/16-12h	**ZOR1041200**
ORFS 1"7/16-12h	**ZOR1041600**
ORFS 1"11/16-12h	**ZOR1042000**
ORFS 2"-12h	**ZOR1042400**

Tapón hembra ORFS

ORFS cap

Bouchon femelle ORFS

Tappo femmina ORFS



ROSCA THREAD	Referencia Part n°
ORFS 9/16"-18h	**ZOR1050400**
ORFS 11/16"-16h	**ZOR1050600**
ORFS 13/16"-16h	**ZOR1050800**
ORFS 1"-14h	**ZOR1051000**
ORFS 1"3/16-12h	**ZOR1051200**
ORFS 1"7/16-12h	**ZOR1051600**
ORFS 1"11/16-12h	**ZOR1052000**
ORFS 2"-12h	**ZOR1052400**

Adaptador macho-macho ORFS

ORFS Male adaptor

Adapteur mâle ORFS

Adattatore maschio-maschio ORFS



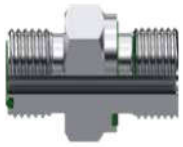
ROSCA THREAD	ROSCA THREAD	Referencia Part n°
ORFS 9/16"-18h	ORFS 9/16"-18h	**ZOR2000404**
ORFS 11/16"-16h	ORFS 11/16"-16h	**ZOR2000606**
ORFS 13/16"-16h	ORFS 13/16"-16h	**ZOR2000808**
ORFS 1"-14h	ORFS 1"-14h	**ZOR2001010**
ORFS 1"3/16-12h	ORFS 1"3/16-12h	**ZOR2001212**
ORFS 1"7/16-12h	ORFS 1"7/16-12h	**ZOR2001616**
ORFS 1"11/16-12h	ORFS 1"11/16-12h	**ZOR2002020**
ORFS 2"-12h	ORFS 2"-12h	**ZOR2002424**

Adaptador macho ORFS-macho BSP

ORFS Male - BSP Male

Adapteur mâle ORFS - mâle BSP

Adattatore maschio ORFS- maschio BSP con guarnizione



ROSCA THREAD		Referencia Part n°
ORFS 9/16"-18h	BSP 1/4"	**ZOR2020404**
ORFS 11/16"-16h	BSP 3/8"	**ZOR2020606**
ORFS 13/16"-16h	BSP 3/8" NEW	**ZOR2020806**
ORFS 13/16"-16h	BSP 1/2"	**ZOR2020808**
ORFS 1"3/16-12h	BSP 1/2"	**ZOR2021208**
ORFS 1"3/16-12h	BSP 3/4"	**ZOR2021212**
ORFS 1"7/16-12h	BSP 1"	**ZOR2021616**
ORFS 1"7/16-12h	BSP 1" 1/4	**ZOR2021620**
ORFS 1"11/16-12h	BSP 1" NEW	**ZOR2022016**
ORFS 1"11/16-12h	BSP 1" 1/4	**ZOR2022020**
ORFS 2"-12h	BSP 1" 1/2	**ZOR2022424**

Adaptadores ORFS

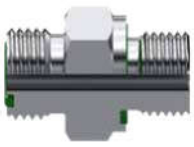
ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS

Adaptador macho ORFS-macho Métrico

ORFS Male - Metric Male

Adapteur mâle ORFS - mâle Métrique

Adattatore maschio ORFS - maschio metrico con guarnizione



ROSCA THREAD		Referencia Part n°
ORFS 9/16"-18h	M12x1.5	**ZOR10170412**
ORFS 11/16"-16h	M16x1.5	**ZOR10170616**
ORFS 13/16"-16h	M18x1.5	**ZOR10170818**
ORFS 1"-14h	M22x1.5	**ZOR10171022**
ORFS 1"7/16-12h	M33x2	**ZOR10171633**
ORFS 1"11/16-12h	M42x2	**ZOR10172042**
ORFS 2"-12h	M48x2	**ZOR10172448**

Pasatabiques ORFS

ORFS Bulkhead

Passe-cloison ORFS

Passaparete ORFS



ROSCA THREAD	Referencia Part n°	
ORFS 9/16"-18h	**ZOR1060404**	
ORFS 11/16"-16h	**ZOR1060606**	
ORFS 13/16"-16h	**ZOR1060808**	
ORFS 1"-14h	**ZOR1061010**	
ORFS 1"3/16-12h	**ZOR1061212**	
ORFS 1"7/16-12h	**ZOR1061616**	
ORFS 1"11/16-12h	**ZOR1062020**	
ORFS 2"-12h	**ZOR1062424**	**18**

Adaptador macho-hembra giratoria ORFS

ORFS Male - ORFS Swivel female

Adapteur mâle - femelle tournante ORFS

Adattatore femmina girevole ORFS-maschio ORFS



ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°
ORFS 9/16"-18h	ORFS 11/16"-16h	**ZOR3010406**
ORFS 11/16"-16h	ORFS 9/16"-18h	**ZOR3010604**
ORFS 13/16"-16h	ORFS 9/16"-18h	**ZOR3010804**
ORFS 13/16"-16h	ORFS 11/16"-16h	**ZOR3010806**
ORFS 1"-14h	ORFS 9/16"18h	**ZOR3011004**
ORFS 1"-14h	ORFS 11/16"16h	**ZOR3011006**
ORFS 1"-14h	ORFS 13/16"-16h	**ZOR3011008**
ORFS 1"3/16-12h	ORFS 11/16"-16h	**ZOR3011206**
ORFS 1"3/16-12h	ORFS 13/16-16h	**ZOR3011208**
ORFS 1"3/16-12h	ORFS 1"-14h	**ZOR3011210**
ORFS 1"7/16-12h	ORFS 13/16"-16h	**ZOR3011608**
ORFS 1"7/16-12h	ORFS 1"-14h	**ZOR3011610**
ORFS 1"7/16-12h	ORFS 1"3/16-12h	**ZOR3011612**
ORFS 1"11/16-12h	ORFS 1"3/16-12h	**ZOR3012012**
ORFS 1"11/16-12h	ORFS 1"7/16-12h	**ZOR3012016**

Adaptador macho ORFS-macho JIC 37°

ORFS Male - 37° JIC Male

Adapteur mâle ORFS - mâle JIC 37°

Adattatore maschio ORFS-JIC 37°



ROSCA THREAD		Referencia Part n°
ORFS 9/16"-18h	JIC 7/16"	**ZOR2040404**
ORFS 11/16"-16h	JIC 9/16"	**ZOR2040606**
ORFS 13/16"-16h	JIC 3/4"	**ZOR2040808**
ORFS 1"-14h	JIC 7/8"	**ZOR2041010**
ORFS 1"3/16-12h	JIC 1"1/16	**ZOR2041212**
ORFS 1"7/16-12h	JIC 1"5/16	**ZOR2041616**
ORFS 1"11/16"-12h	JIC 1"5/8	**ZOR2042020**
ORFS 2"-12h	JIC 1"7/8	**ZOR2042424**

Adaptador macho ORFS-hembra giratoria JIC 37°

ORFS Male - 37° JIC Swivel female

Adapteur mâle ORFS - femelle tournante JIC 37°

Adattatore maschio ORFS-femmina girevole JIC 37°



ROSCA THREAD		Referencia Part n°
ORFS 9/16"-18h	JIC 7/16"	**ZOR3020404**
ORFS 11/16"-16h	JIC 9/16"	**ZOR3020606**
ORFS 13/16"-16h	JIC 3/4"	**ZOR3020808**
ORFS 1"-14h	JIC 7/8"	**ZOR3021010**
ORFS 1"3/16-12h	JIC 1"1/16	**ZOR3021212**
ORFS 1"7/16-12h	JIC 1"5/16	**ZOR3021616**
ORFS 1"11/16-12h	JIC 1"5/8	**ZOR3022020**
ORFS 2"-12h	JIC 1"7/8	**ZOR3022424**

Adaptador macho JIC 37°-hembra giratoria ORFS

JIC Male - ORFS Swivel female

Adapteur mâle JIC 37° - femelle tournante ORFS

Adattatore maschio JIC 37° -femmina girevole ORFS



ROSCA THREAD		Referencia Part n°
JIC 7/16"	ORFS 9/16"-18 h	**ZOR3050404**
JIC 9/16"	ORFS 11/16"-16h	**ZOR3050606**
JIC 3/4"	ORFS 13/16"-16 h	**ZOR3050808**
JIC 7/8"	ORFS 1"-14h	**ZOR3051010**
JIC 1"1/16	ORFS 1"3/16-12 h	**ZOR3051212**
JIC 1" 5/16	ORFS 1"7/16-12 h	**ZOR3051616**
JIC 1"5/8	ORFS 1"11/16"-12h	**ZOR3052020**
JIC 1"7/8"	ORFS 2"-12h	**ZOR3052424**

Adaptadores ORFS

ORFS Adaptors
Adapteurs ORFS
Adattatori ORFS

Codo 90° macho-macho ORFS

90° ORFS male - ORFS male

Coude 90° mâle ORFS - mâle ORFS

Adattatore 90° maschio-maschio ORFS



ROSCA THREAD		Referencia Part n°
ORFS 9/16"-18h	ORFS 9/16"-18h	**ZOR4050404**
ORFS 11/16"-16h	ORFS 11/16"-16h	**ZOR4050606**
ORFS 13/16"-16h	ORFS 13/16"-16h	**ZOR4050808**
ORFS 1"-14h	ORFS 1"-14h	**ZOR4051010**
ORFS 1"3/16-12h	ORFS 1"3/16-12h	**ZOR4051212**
ORFS 1"7/16-12h	ORFS 1"7/16-12h	**ZOR4051616**
ORFS 1"11/16-12h	ORFS 1"11/16-12h	**ZOR4052020**
ORFS 2"-12h	ORFS 2"-12h	**ZOR4052424**

Codo 90° macho-hembra giratoria ORFS

90° ORFS swivel female - ORFS male

Coude 90° femelle tournante ORFS- mâle ORFS

Adattatore 90° maschio-femmina girevole ORFS



ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°
ORFS 9/16"-18h	ORFS 9/16"-18h	**ZOR6000404**
ORFS 11/16"-16h	ORFS 11/16"-16h	**ZOR6000606**
ORFS 13/16"-16h	ORFS 13/16"-16h	**ZOR6000808**
ORFS 1"-14h	ORFS 1"-14h	**ZOR6001010**
ORFS 1"3/16-12h	ORFS 1"3/16-12h	**ZOR6001212**
ORFS 1"7/16-12h	ORFS 1"7/16-12h	**ZOR6001616**
ORFS 1"11/16-12h	ORFS 1"11/16-12h	**ZOR6002020**

Te macho-macho-macho ORFS

ORFS Male Tee

Té Mâle ORFS

Adattatore a T maschio ORFS



ROSCA THREAD	Referencia Part n°
ORFS 9/16"18h	**ZOR7000404**
ORFS 11/16"-16h	**ZOR7000606**
ORFS 13/16"-16h	**ZOR7000808**
ORFS 1"-14h	**ZOR7001010**
ORFS 1"3/16-12h	**ZOR7001212**
ORFS 1"7/16-12h	**ZOR7001616**
ORFS 1"11/16-12h	**ZOR7002020**
ORFS 2"-12h	**ZOR7002424**

Te macho-hembra giratoria-macho ORFS

ORFS Male-Swivel female-Male Tee

Té Mâle-Femelle tournante-Mâle ORFS

Adattatore a T maschio-femmina girevole centrale-maschio ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	**ZOR7010404**	**66,78**
ORFS 11/16"-16h	**ZOR7010606**	**68,27**
ORFS 13/16"-16h	**ZOR7010808**	**74,95**
ORFS 1"-14h	**ZOR7011010**	**107,75**
ORFS 1"3/16-12h	**ZOR7011212**	**144,10**
ORFS 1"7/16-12h	**ZOR7011616**	**175,17**
ORFS 1"11/16-12h	**ZOR7012020**	**216,23**
ORFS 2"-12h	**ZOR7012424**	**284,43**

Te macho-macho-hembra giratoria ORFS

ORFS Male-Male-Swivel Female Tee

Té Mâle-Mâle-Femelle tournante ORFS

Adattatore a T maschio-maschio-femmina girevole laterale ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	**ZOR7020404**	**66,78**
ORFS 11/16"-16h	**ZOR7020606**	**70,22**
ORFS 13/16"-16h	**ZOR7020808**	**77,95**
ORFS 1"-14h	**ZOR7021010**	**107,75**
ORFS 1"3/16-12h	**ZOR7021212**	**142,44**
ORFS 1"7/16-12h	**ZOR7021616**	**175,17**
ORFS 1" 11/16-12h	**ZOR7022020**	**198,58**

Juntas tóricas FKM verde para rosca ORFS

O'ring FKM green for ORFS thread

Joint torique FKM vert pour filetage ORFS

O´ring FKM verde per filetto ORFS



ROSCA THREAD	Referencia Part n°
ORFS 9/16"-18h	**JVORFS04**
ORFS 11/16"-16h	**JVORFS06**
ORFS 13/16"-16h	**JVORFS08**
ORFS 1"-14h	**JVORFS10**
ORFS 1"3/16-12h	**JVORFS12**
ORFS 1"7/16-12h	**JVORFS16**
ORFS 1" 11/16-12h	**JVORFS20**
ORFS 2"-12h	**JVORFS24**

Racores soldables 195
Welding fittings
Embouts à souder
Raccordi a saldare

Bridas soldables 203
Welding flanges
Brides à souder
Flangia a saldare



05

RACORES SOLDABLES

Welding fittings

Embouts à souder

Raccordi a saldare

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Racores macho para soldar ▪ Welding Male ▪ Raccords mâle à souder ▪ Maschio a saldare | 195



Racores BSP para soldar ▪ Welding BSP nuts ▪ Écrous tournants à souder ▪ Raccordi BSP a saldare | 196



Racores JIC para soldar ▪ Welding JIC fittings ▪ Raccords JIC à souder ▪ Raccordi JIC a saldare | 197



Racores Métricos para soldar ▪ Welding metric fittings ▪ Raccords métriques à souder ▪ Raccordi metrici a saldare | 198



BSP >2" ▪ Welding fittings >2" ▪ Raccords à souder >2" ▪ Raccordi a saldare > 2" | 200



Conos ajuste BSP ▪ Other welding BSP fittings ▪ Autres raccords à souder BSP ▪ Raccordi a saldare vari BSP | 201



Conos ajuste JIC ▪ Other welding JIC fittings ▪ Autres raccords à souder JIC ▪ Raccordi a saldare vari JIC | 201



Racores Microfundido para soldar ▪ Welding fittings microcast ▪ Raccords à souder micro-moulés ▪ Raccordi per saldatura microfuso | 202



Bridas soldables

Welding flanges
Brides à souder
Flangia a saldare

Bridas fijas para soldar ▪ Fixed Forged flanges ▪ Brides DIN à souder fixes ▪ Flange a saldare | 203


ZBPN162633


ZBPN402635


ZBANSAWN150


ZBANSAWN300

Conjunto bridas DIN 2642 ▪ DIN 2642 swivel flanges set ▪ Ensemble brides tournantes DIN 2642 ▪ Flangia girevole DIN 2642 | 204


ZBPN102642


ZABARO2642


ZBTUBO

Conjunto bridas DIN 2656 ▪ DIN 2656 swivel flanges set ▪ Ensemble brides tournantes DIN 2656 ▪ Flangia girevole DIN 2656 | 205


ZBPN402656


ZABARO2656


ZBTUBO

Conjunto bridas ANSI-ASA ▪ ANSI-ASA swivel flanges set ▪ Ensemble brides ANSI-ASA ▪ Flangia girevole ANSI-ASA | 206


ZBANSASO150


ZBANSASO300


ZABAROANSA


ZBTUBO

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Casquillo soldable

Welding ferrule

Jupe à souder

Boccola a saldare



DN	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	14	810700400	1,67
1/4"	12	810700401	1,80
3/8"	19	810700600	2,60
3/8"	17	810700601	1,91
1/2"	22	810700800	2,44
1/2"	19	810700801	2,44
5/8"	25	810701000	2,83
3/4"	30	810701200	3,01
3/4"	32	810701201	3,30
1"	35	810701500	3,45
1"	37	810701600	5,56
1"1/4	47,8	810702000	6,34
1"1/4	44,3	810702001	6,13
1"1/2	56.3	810702400	7,41
2"	66	810703201	11,54
2"1/2	84,9	810704000	15,48
2"1/2	95,6	810704001	23,17
3"	100	810704801	27,05
4"	125	810706400	35,86

Macho soldable BSP cono 60° con guía

Welding BSP 60° Male with guide

Mâle gaz BSP 60° à souder avec guide

Maschio a saldare BSP 60° con guida



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSP	1/4"	Z103504	12,58
3/8" BSP	3/8"	Z103506	12,67
1/2" BSP	1/2"	Z103508	13,54
3/4" BSP	3/4"	Z103512	18,89
1" BSP	1"	Z103516	30,27
1"1/4 BSP	1"1/4	Z103520	48,87
1"1/2 BSP	1"1/2	Z103524	67,74
2" BSP	2"	Z103532	85,36

Macho BSP 60° soldable interior

Inside welding BSP Male

Mâle à souder int. BSP

Maschio BSP 60° a saldare interno



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSP	1/4"	Z1035104	13,31
3/8" BSP	3/8"	Z1035106	17,03
1/2" BSP	1/2"	Z1035108	18,31
3/4" BSP	3/4"	Z1035112	23,71
1" BSP	1"	Z1035116	32,00
1"1/4 BSP	1"1/4	Z1035120	49,10
1"1/2 BSP	1"1/2	Z1035124	59,41
2" BSP	2"	Z1035132	99,65

Macho soldable BSP asiento plano con guía

Welding BSP Male flat seat with guide

Mâle gaz BSP fond plat à souder avec guide

Maschio a saldare BSP faccia piana con guida



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSP	1/4"	Z103304	12,13
3/8" BSP	3/8"	Z103306	19,41
1/2" BSP	1/2"	Z103308	14,85
3/4" BSP	3/4"	Z103312	19,69
1" BSP	1"	Z103316	31,51
1"1/4 BSP	1"1/4	Z103320	59,63
1"1/2 BSP	1"1/2	Z103324	79,86
2" BSP	2"	Z103332	108,32

Empalme liso soldable macho BSP 60°

Welding male BSP 60° union

Embout mâle lisse à souder BSP cône 60°

Mezzo Niples tondo maschio a saldare BSP 60°



ROSCA THREAD	DN	Referencia Part n°	€
1/8" BSP	1/8"	Z129002	8,06
1/4" BSP	1/4"	Z129004	8,26
3/8" BSP	3/8"	Z129006	10,31
1/2" BSP	1/2"	Z129008	10,49
3/4" BSP	3/4"	Z129012	17,67
1" BSP	1"	Z129016	25,06
1"1/4 BSP	1"1/4	Z129020	34,45
1"1/2 BSP	1"1/2	Z129024	45,39
2" BSP	2"	Z129032	98,75

Macho soldable BSPT cono 60° con guía

Welding BSPT Male 60° with guide

Mâle gaz conique à souder 60° avec guide

Maschio conico BSPT 60° con guida



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSPT	1/4"	Z103204	11,45
3/8" BSPT	3/8"	Z103206	14,19
1/2" BSPT	1/2"	Z103208	13,77
3/4" BSPT	3/4"	Z103212	19,31
1" BSPT	1"	Z103216	27,20
1"1/4 BSPT	1"1/4	Z103220	48,74
1"1/2 BSPT	1"1/2	Z103224	55,65
2" BSPT	2"	Z103232	94,84

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Macho soldable NPT cono 60° con guía

Welding NPT Male 60° with guide

Mâle NPT à souder 60° avec guide

Maschio a saldare NPT 60° con guida



ROSCA THREAD	DN	Referencia Part n°
1/8" NPT	1/4"	**Z10340204**
1/4" NPT	1/4"	**Z10340400**
3/8" NPT	3/8"	**Z10340600**
1/2" NPT	1/2"	**Z10340800**
3/4" NPT	3/4"	**Z10341200**
1" NPT	1"	**Z10341600**
1"1/4 NPT	1"1/4	**Z10342000**
1"1/2 NPT	1"1/2	**Z10342400**
2" NPT	2"	**Z10343200**

Hembra giratoria prensada soldable BSP 60° con gu

Welding BSP 60° swept with guide

Femelle tournante BSP 60° à souder avec guide

Femmina girevole a saldare BSP 60° con guida



ROSCA THREAD	DN	Referencia Part n°
1/4" BSP	1/4"	**Z128104**
3/8" BSP	3/8"	**Z128106**
1/2" BSP	1/2"	**Z128108**
3/4" BSP	3/4"	**Z128112**
1" BSP	1"	**Z128116**
1"1/4 BSP	1"1/4	**Z128120**
1"1/2 BSP	1"1/2	**Z128124**
2" BSP	2"	**Z128132**

Hembra giratoria 90° prensada soldable BSP 60°

Welding BSP 60° swept 90°

Femelle tournante à souder 90° BSP cône 60°

Femmina girevole 90° a saldare BSP 60°



ROSCA THREAD	DN	Referencia Part n°
1/4" BSP	1/4"	**Z103704**
3/8" BSP	3/8"	**Z103706**
1/2" BSP	1/2"	**Z103708**
3/4" BSP	3/4"	**Z103712**
1" BSP	1"	**Z103716**
1"1/4 BSP	1"1/4	**Z103720**
1"1/2 BSP	1"1/2	**Z103724**
2" BSP	2"	**Z103732**

Hembra giratoria 45° prensada soldable BSP 60°

Welding BSP 60° swept 45°

Femelle tournante à souder 45° BSP cône 60°

Femmina girevole 45° a saldare BSP 60°



ROSCA THREAD	DN	Referencia Part n°
1/4" BSP	1/4"	**Z103804**
3/8" BSP	3/8"	**Z103806**
1/2" BSP	1/2"	**Z103808**
3/4" BSP	3/4"	**Z103812**
1" BSP	1"	**Z103816**
1"1/4 BSP	1"1/4	**Z103820**
1"1/2 BSP	1"1/2	**Z103824**
2" BSP	2"	**Z103832**

Hembra giratoria prensada soldable BSP asiento plan

Welding BSP flat seat swept with guide

Femelle tournante BSP fond plat à souder avec guide

Femmina girevole a saldare BSP faccia piana con guida



ROSCA THREAD	DN	Referencia Part n°
1/4" BSP	1/4"	**Z128204**
3/8" BSP	3/8"	**Z128206**
1/2" BSP	1/2"	**Z128208**
3/4" BSP	3/4"	**Z128212**
1" BSP	1"	**Z128216**
1"1/4 BSP	1"1/4	**Z128220**
1"1/2 BSP	1"1/2	**Z128224**
2" BSP	2"	**Z128232**

Hembra giratoria 90° prensada soldable BSP asiento

Welding BSP Female 90° flat seat swept

Femelle tournante à souder 90° BSP fond plat

Femmina 90° girevole a saldare BSP faccia piana



ROSCA THREAD	DN	Referencia Part n°
1/4" BSP	1/4"	**Z103904**
3/8" BSP	3/8"	**Z103906**
1/2" BSP	1/2"	**Z103908**
3/4" BSP	3/4"	**Z103912**
1" BSP	1"	**Z103916**
1"1/4 BSP	1"1/4	**Z103920**
1"1/2 BSP	1"1/2	**Z103924**
2" BSP	2"	**Z103932**

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Hembra giratoria 45° prensada soldable BSP asiento plano

Welding BSP Female 45° flat seat swept

Femelle tournante à souder 45° BSP fond plat

Femmina 45° girevole a saldare BSP faccia piana



ROSCA THREAD	DN	Referencia Part n°
1/4" BSP	1/4"	**Z104004**
3/8" BSP	3/8"	**Z104006**
1/2" BSP	1/2"	**Z104008**
3/4" BSP	3/4"	**Z104012**
1" BSP	1"	**Z104016**
1"1/4 BSP	1"1/4	**Z104020**
1"1/2 BSP	1"1/2	**Z104024**
2" BSP	2"	**Z104032**

Hembra giratoria prensada soldable JIC 37° con guía

Welding JIC female 37° swept with guide

Femelle tournante JIC 37° à souder avec guide

Femmina girevole a saldare JIC 37°



ROSCA THREAD	DN		Referencia Part n°
7/16" 20h UNF	1/4"		**Z12830704**
1/2" 20h UNF	1/4"		**Z12830804**
9/16" 18h UNF	3/8"		**Z12830906**
3/4" 16h UNF	3/8"		**Z12831206**
3/4" 16h UNF	1/2"		**Z12831208**
7/8" 14h UNF	1/2"		**Z12831408**
7/8" 14h UNF	5/8"	NEW	**Z12831410**
1"1/16 12h UN	3/4"		**Z12831712**
1"5/16 12h UN	1"		**Z12832116**
1"5/8 12h UN	1"1/4		**Z12832620**
1"7/8 12h UN	1"1/2		**Z12833024**

Macho soldable JIC 37° con guía

Welding fixed male JIC 37° with guide

Mâle à souder JIC 37° avec guide

Maschio JIC 37° a saldare



ROSCA THREAD	DN		Referencia Part n°
7/16" 20h UNF	1/4"		**Z10360704**
1/2" 20h UNF	1/4"		**Z10360804**
9/16" 18h UNF	3/8"		**Z10360906**
3/4" 16h UNF	3/8"		**Z10361206**
3/4" 16h UNF	1/2"		**Z10361208**
7/8" 14h UNF	1/2"		**Z10361408**
7/8" 14h UNF	5/8"		**Z10361410**
1"1/16 12h UN	3/4"		**Z10361712**
1"5/16 12h UN	1"		**Z10362116**
1"5/8 12h UN	1"1/4		**Z10362620**
1"7/8 12h UN	1"1/4		**Z10363020**
1"7/8 12h UN	1"1/2	NEW	**Z10363024**
2" 1/2 12h UN	2"		**Z10364032**

Hembra giratoria 90° prensada soldable JIC 37°

Welding 90° JIC Female 37° swept

Femelle tournante à souder 90° JIC 37°

Femmina 90° girevole a saldare JIC



ROSCA THREAD	DN	Referencia Part n°
7/16" 20h UNF	1/4"	**Z10410704**
1/2" 20h UNF	1/4"	**Z10410804**
9/16" 18h UNF	3/8"	**Z10410906**
3/4" 16h UNF	1/2"	**Z10411208**
7/8" 14h UNF	1/2"	**Z10411408**
1"1/16 12h UN	3/4"	**Z10411712**
1"5/16 12h UN	1"	**Z10412116**
1"5/8 12h UN	1"1/4	**Z10412620**
1"7/8 12h UN	1"1/2	**Z10413024**

Hembra giratoria 45° prensada soldable JIC 37°

Welding 45° JIC Female 37° swept

Femelle tournante à souder 45° JIC 37°

Femmina 45° girevole a saldare JIC



ROSCA THREAD	DN	Referencia Part n°
7/16" 20h UNF	1/4"	**Z10420704**
1/2" 20h UNF	1/4"	**Z10420804**
9/16" 18h UNF	3/8"	**Z10420906**
3/4" 16h UNF	1/2"	**Z10421208**
7/8" 14h UNF	1/2"	**Z10421408**
1"1/16 12h UN	3/4"	**Z10421712**
1"5/16 12h UN	1"	**Z10422116**
1"5/8 12h UN	1"1/4	**Z10422620**
1"7/8 12h UN	1"1/2	**Z10423024**

Hembra giratoria prensada soldable JIC 37° con guía doble hexágono

Welding JIC female 37° swept with guide double hexagon

Femelle tournante JIC 37° à souder avec guide double hex.

Femmina girevole a saldare JIC 37° doppio esagono



ROSCA THREAD	DN		Referencia Part n°	€
7/16" 20 UNF	1/4"		**Z12840704**	
1/2" 20 UNF	1/4"		**Z12840804**	
9/16" 18 UNF	3/8"		**Z12840906**	
3/4"16 UNF	1/2"		**Z12841208**	
7/8"14 UNF	1/2"		**Z12841408**	
7/8"14 UNF	5/8"	NEW	**Z12841410**	
1" 1/1612 UN	3/4"		**Z12841712**	
1"5/16 12 UN	1"		**Z12842116**	
1"5/8 12 UN	1"1/4		**Z12842620**	
1"7/8 12 UN	1"1/2		**Z12843024**	
2"1/2 12 UN	2"	NEW	**Z12844032**	

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Tuercas Métricas

DIN nut
Écrou DIN
Dado DIN



TUBO PIPE	ROSCA THREAD	Referencia Part n°
6	M12X1.5	**Z10510612**
6	M14X1.5	**Z10510614**
8	M14X1.5	**Z10510814**
8	M16X1.5	**Z10510816**
10	M16X1.5	**Z10511016**
10	M18X1.5	**Z10511018**
12	M18X1.5	**Z10511218**
12	M20X1.5	**Z10511220**
14	M22X1.5	**Z10511422**
15	M22X1.5	**Z10511522**
16	M24X1.5	**Z10511624**
18	M26X1.5	**Z10511826**
20	M30X2	**Z10512030**
22	M30X2	**Z10512230**
25	M36X2	**Z10512536**
28	M36X2	**Z10512836**
30	M42X2	**Z10513042**
35	M45X2	**Z10513545**
38	M52X2	**Z10513852**
42	M52X2	**Z10514252**

Boquilla para soldar cono metal

Welding metal cone nipple
Raccord collet cône métallique à souder
Ogiva a saldare senza o'ring



TUBO PIPE	SERIE	Referencia Part n°
15X2,5	L	**Z CMORIL 15**
18X2,5	L	**Z CMORIL 18**
22X2,5	L	**Z CMORIL 22**
28X3	L	**Z CMORIL 28**
35X4	L	**Z CMORIL 35**
42X3	L	**Z CMORIL 42**
6X2	L/S	**Z CMORIS 6**
8X2	L/S	**Z CMORIS 8**
10X2	L/S	**Z CMORIS 10**
12X2	L/S	**Z CMORIS 12**
14X3	S	**Z CMORIS 14**
16X3	S	**Z CMORIS 16**
20X3	S	**Z CMORIS 20**
25X4	S	**Z CMORIS 25**
30X5	S	**Z CMORIS 30**
38X5	S	**Z CMORIS 38**

En caso de querer la pieza con junta, ver pág. 118 / *If you want the item with oring, please* / Si vous voulez la pièce avec le joint, voir page 118 / *En caso de querer la pieza con junta, ver pág*

Espiga lisa métrica recta

Welding metric standpipe
Embout lisse métrique à souder
Estremità tubolare metrica diritta



Ø EXT. Ø OUTER	Ø INT. Ø INNER		Referencia Part n°
10	7		**KZL0010**
12	9		**KZL0012**
14	10		**KZL0014**
15	12		**KZL0015**
16	12		**KZL0016**
18	14		**KZL0018**
20	14		**KZL0020**
22	18		**KZL0022**
28	24	NEW	**KZL0028**

Espiga lisa métrica 90°

Welding metric standpipe 90°
Embout lisse métrique 90° à souder
Estremità tubolare metrica a 90°



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°
6	4	**KZC9006**
8	4	**KZC9008**
10	6	**KZC9010**
12	8	**KZC9012**
15	11	**KZC9015**
18	14	**KZC9018**
20	12	**KZC9020**
22	18	**KZC9022**

Espiga lisa métrica 45°

Welding metric standpipe 45°
Embout lisse métrique 45° à souder
Estremità tubolare metrica a 45°



Ø EXT. Ø OUTER	Ø INT. Ø INNER	Referencia Part n°
6	4	**KZC4506**
8	4	**KZC4508**
10	6	**KZC4510**
12	8	**KZC4512**
14	10	**KZC4514**
15	11	**KZC4515**
16	11	**KZC4516**
18	14	**KZC4518**
20	12	**KZC4520**
22	18	**KZC4522**

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Hembra giratoria 90° soldable métrica

Weldable metrical swivel female 90°

Femelle tournante 90° métrique à souder

Femmina girevole 90° metrica a saldare



TUBO PIPE	ROSCA THREAD	Referencia Part n°
10	M16X1.5	**Z10521610**
12	M18X1.5	**Z10521812**
12	M20X1.5	**Z10522012**
15	M22X1.5	**Z10522215**
18	M26X1.5	**Z10522618**
20	M30X2	**Z10523020**
22	M30X2	**Z10523022**
28	M36X2	**Z10523628**
42	M52X2	**Z10525242**

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

Hembra giratoria 90° soldable métrica sin junta

Weldable metrical swivel female 90° without o´ring

Femelle tournante 90° métrique à souder sans joint

Femmina girevole 90° metrica a saldare senza O´ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°
6	M12X1.5	**Z10541206**
8	M14X1.5	**Z10541408**
10	M16X1.5	**Z10541610**
12	M18X1.5	**Z10541812**
15	M22X1.5	**Z10542215**
18	M26X1.5	**Z10542618**
22	M30X2	**Z10543022**
28	M36X2	**Z10543628**
35	M45X2	**Z10544535**
42	M52X2	**Z10545242**
6	M14X1.5	**Z10541406**
8	M16X1.5	**Z10541608**
10	M18X1.5	**Z10541810**
12	M20X1.5	**Z10542012**
14	M22X1.5	**Z10542214**
16	M24X1.5	**Z10542416**
20	M30X2	**Z10543020**
25	M36X2	**Z10543625**
30	M42X2	**Z10544230**
38	M52X2	**Z10545238**

Hembra giratoria 45° soldable métrica

Weldable metrical swivel female 45°

Femelle tournante 45° métrique à souder

Femmina girevole 45° metrica a saldare



TUBO PIPE	ROSCA THREAD	Referencia Part n°
10	M16X1.5	**Z10531610**
12	M18X1.5	**Z10531812**
15	M22X1.5	**Z10532215**
22	M30X2	**Z10533022**
28	M36X2	**Z10533628**
42	M52X2	**Z10535242**
20	M30X2	**Z10533020**

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

Hembra giratoria 45° soldable métrica sin junta

Weldable metrical swivel female 45° without o´ring

Femelle tournante 45° métrique à souder sans joint

Femmina girevole 45° metrica a saldare senza O´ring



TUBO PIPE	ROSCA THREAD	Referencia Part n°
6	M12X1.5	**Z10551206**
8	M14X1.5	**Z10551408**
10	M16X1.5	**Z10551610**
12	M18X1.5	**Z10551812**
15	M22X1.5	**Z10552215**
18	M26X1.5	**Z10552618**
22	M30X2	**Z10553022**
28	M36X2	**Z10553628**
35	M45X2	**Z10554535**
42	M52X2	**Z10555242**
6	M14X1.5	**Z10551406**
8	M16X1.5	**Z10551608**
10	M18X1.5	**Z10551810**
12	M20X1.5	**Z10552012**
14	M22X1.5	**Z10552214**
16	M24X1.5	**Z10552416**
20	M30X2	**Z10553020**
25	M36X2	**Z10553625**
30	M42X2	**Z10554230**
38	M52X2	**Z10555238**

Macho soldable Métrico

Welding DIN Male

Male métrique à souder

Maschio metrico sede 24° a saldare



TUBO PIPE	SERIE	Referencia Part n°
6	L	**Z1050L06**
8	L	**Z1050L08**
10	L	**Z1050L10**
12	L	**Z1050L12**
15	L	**Z1050L15**
18	L	**Z1050L18**
22	L	**Z1050L22**
28	L	**Z1050L28**
35	L	**Z1050L35**
42	L	**Z1050L42**
6	S	**Z1050S06**
8	S	**Z1050S08**
10	S	**Z1050S10**
12	S	**Z1050S12**
14	S	**Z1050S14**
16	S	**Z1050S16**
20	S	**Z1050S20**
25	S	**Z1050S25**
30	S	**Z1050S30**
38	S	**Z1050S38**

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Tuercas BSP Microfundido AISI-316

Micro-casting BSP nuts AISI-316

Écrous BSP en acier moulé AISI-316

Dadi BSP microfusi AISI-316



ROSCA THREAD	Referencia Part nº
2" 1/2 BSP	**Z127040**
3" BSP	**Z127048**
4" BSP	**Z127064**

Cono ajuste BSP 60° con guía

Welding nipple with 60° cone for BSP nut with guide

Collet à souder BSP cône 60° avec guide

Ogiva a saldare cono 60° con guida per dado BSP



DN	ROSCA THREAD	Referencia Part nº
2"1/2	2"1/2 BSP	**Z127840**
3"	3" BSP	**Z127848**
4"	4" BSP	**Z127864**

Macho BSPT soldar microfundido AISI-316

Micro-casting BSPT welding male AISI-316

Mâle BSPT à souder en acier moulé AISI-316

Maschio BSPT a saldare microfuso AISI-316



DN	ROSCA THREAD	Referencia Part nº
2"1/2	2"1/2 BSPT	**ZM103240**
3"	3" BSPT	**ZM103248**
4"	4" BSPT	**ZM103264**

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Tuerca cono ajuste BSP

BSP Nut for welding 60° cone nipple

Écrou gaz pour collet à souder

Dado BSP per ogiva a saldare cono 60°



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z127004**
3/8" BSP	**Z127006**
1/2" BSP	**Z127008**
3/4" BSP	**Z127012**
1" BSP	**Z127016**
1"1/4 BSP	**Z127020**
1"1/2 BSP	**Z127024**
2" BSP	**Z127032**

Cono ajuste BSP 60°

Welding nipple BSP 60°

Collet à souder BSP cône 60°

Ogiva a saldare BSP



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z127304**
3/8" BSP	**Z127306**
1/2" BSP	**Z127308**
3/4" BSP	**Z127312**
1" BSP	**Z127316**
1"1/4 BSP	**Z127320**
1"1/2 BSP	**Z127324**
2" BSP	**Z127332**

Cono ajuste BSP asiento plano

Welding nipple BSP flat seat

Collet à souder BSP fond plat

Ogiva a saldare sede piana



ROSCA THREAD	Ø EXT. Ø OUTER	Referencia Part n°
1"1/4 BSP	33	**Z127420**
1"1/4 BSP	33	**Z127920**

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

Z127920 con guia. / *Z127920 with guide* / Z127920 avec guide. / *Z127920 con guida*

Cono ajuste JIC 37° con guía

Welding nipple for JIC 37° with guide

Collet à souder femelle JIC cône 37° avec guide

Ogiva a saldare cono JIC 37° con guida



ROSCA THREAD	DN	Referencia Part n°
7/16" 20h UNF	1/4"	**Z12770704**
1/2" 20h UNF	1/4"	**Z12770804**
9/16" 18h UNF	3/8"	**Z12770906**
3/4" 16h UNF	3/8"	**Z12771206**
7/8" 14h UNF	5/8"	**Z12771410**
1"1/16 12h UN	3/4"	**Z12771712**

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

Tuercas JIC

JIC nut

Écrou JIC

Dado JIC



TUBO PIPE		ROSCA THREAD	Referencia Part n°	€
6	1/4"	7/16" 20h UNF	**ZS11006**	*
8	5/16"	1/2" 20h UNF	**ZS11008**	*
10	3/8"	9/16" 18h UNF	**ZS11010**	*
12	1/2"	3/4" 16h UNF	**ZS11012**	*
14-15-16	5/8"	7/8" 14h UNF	**ZS11016**	*
18-20	-	1"1/16 12h UN	**ZS11020**	*
-	3/4"	1"1/16 12h UNF	**ZS11020W**	*
25	1"	1"5/16 12h UN	**ZS11025**	*
30-32	1 1/4"	1"5/8 12h UN	**ZS11032**	*
38	1 1/2"	1"7/8 12h UN	**ZS11038**	*

***Ver precios en p.125 (R. JIC)** / **See prices in p.125 (JIC Fittings)* / *Prix à la page 125 (R. JIC) / **Vedere prezzi p.125 (R. JIC)*

***Consultar** / On request**/ Sur demande** / Su richiesta

Racores soldables

Welding fittings
Embouts à souder
Raccordi a saldare

Unión 3 piezas hembra-soldar FIG.340HS microfundido

Union 3 fem. welding pieces fig.340hs micro-casting
Union 3 pcs fem. à souder fig.340hs inox acier moulé
Unione a 3 pezzi f.saldare fig.340hs inox microfusione



ROSCA THREAD	Referencia Part n°	€
1/4"	ZFIG34004HS	*
3/8"	ZFIG34006HS	*
1/2"	ZFIG34008HS	*
3/4"	ZFIG34012HS	*
1"	ZFIG34016HS	*
1" 1/4	ZFIG34020HS	*
1" 1/2	ZFIG34024HS	*
2"	ZFIG34032HS	*

***Ver precios en p.232** / **See prices p.232* / **Voir prix p.232* / **Vedere prezzi p.232*

Unión 3 piezas soldar FIG.340S microfundido

Union 3 welding pieces fig. 340s micro-casting
Union 3 pièces à souder fig. 340s inox acier moulé
Unione a 3 pezzi a saldare fig.340s inox microfusione



ROSCA THREAD	Referencia Part n°	€
1/4"	ZFIG34004S	*
3/8"	ZFIG34006S	*
1/2"	ZFIG34008S	*
3/4"	ZFIG34012S	*
1"	ZFIG34016S	*
1" 1/4	ZFIG34020S	*
1" 1/2	ZFIG34024S	*
2"	ZFIG34032S	*

***Ver precios en p.232** / **See prices p.232* / **Voir prix p.232* / **Vedere prezzi p.232*

Unión 3 piezas macho-soldar FIG.341MS microfundido

Union 3 welding male pieces fig.341ms micro-casting
Union 3 pcs mâle à souder fig.341ms inox acier moulé
Unione a 3 pezzi m.saldare fig.341ms inox microfusione



ROSCA THREAD	Referencia Part n°	€
1/4"	ZFIG34104MS	*
3/8"	ZFIG34106MS	*
1/2"	ZFIG34108MS	*
3/4"	ZFIG34112MS	*
1"	ZFIG34116MS	*
1" 1/4	ZFIG34120MS	*
1" 1/2	ZFIG34124MS	*
2"	ZFIG34132MS	*

***Ver precios en p.232** / **See prices p.232* / **Voir prix p.232* / **Vedere prezzi p.232*

***Consultar /** On request **/ Sur demande /** Su richiesta

Bridas soldables

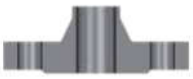
Welding flanges
Brides à souder
Flangia a saldare

Brida fija soldable PN10/16 DIN 2633

Welding forged flange DIN 2633 PN 10/16

Bride fixe à souder DIN 2633 PN10/16

Flangia forgiata a saldare DIN 2633 PN 10/16



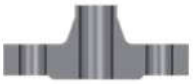
DN	Referencia Part n°
15-1/2"	**ZBPN16263308**
20-3/4"	**ZBPN16263312**
25-1"	**ZBPN16263316**
32-1"1/4	**ZBPN16263320**
40-1"1/2	**ZBPN16263324**
50-2"	**ZBPN16263332**
65-2"1/2	**ZBPN16263340**
80-3"	**ZBPN16263348**
100-4"	**ZBPN16263364**

Brida fija soldable PN40 DIN 2635

Welding forged flange DIN 2635 PN 40

Bride fixe à souder DIN 2635 PN 40

Flangia forgiata a saldare DIN 2635 PN 40



DN	Referencia Part n°
13-3/8"	**ZBPN40263506***
15-1/2"	**ZBPN40263508**
20-3/4"	**ZBPN40263512**
25-1"	**ZBPN40263516**
32-1"1/4	**ZBPN40263520**
40-1"1/2	**ZBPN40263524**
50-2"	**ZBPN40263532**
65-2"1/2	**ZBPN40263540**
80-3"	**ZBPN40263548**
100-4"	**ZBPN40263564**

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

Brida fija ANSI-ASA 150 LBS

Flange ANSI-ASA Welding Neck 150 LBS

Bride ANSI-ASA Welding Neck 150 LBS

Flangia ANSI-ASA a saldare 150 LBS



DN	Referencia Part n°
15-1/2"	**ZBANSAWN15008**
20-3/4"	**ZBANSAWN15012**
25-1"	**ZBANSAWN15016**
32-1"1/4	**ZBANSAWN15020**
40-1"1/2	**ZBANSAWN15024**
50-2"	**ZBANSAWN15032**
65-2"1/2	**ZBANSAWN15040**
80-3"	**ZBANSAWN15048**
100-4"	**ZBANSAWN15064**

Brida fija ANSI-ASA 350 LBS

FLANGE ANSI-ASA Welding Neck 300 LBS

Bride ANSI-ASA Welding Neck 300 LBS

Flangia ANSI-ASA a saldare 300 LBS



DN	Referencia Part n°
15-1/2"	**ZBANSAWN30008**
20-3/4"	**ZBANSAWN30012**
25-1"	**ZBANSAWN30016**
32-1"1/4	**ZBANSAWN30020**
40-1"1/2	**ZBANSAWN30024**
50-2"	**ZBANSAWN30032**
65-2"1/2	**ZBANSAWN30040**
80-3"	**ZBANSAWN30048**
100-4"	**ZBANSAWN30064**

Bridas soldables

Welding flanges
Brides à souder
Flangia a saldare

Brida loca PN10 DIN 2642

Welding forged slip on flange DIN 2642 PN 10

Bride tournante à souder DIN 2642 PN 10

Flangia girevole a saldare DIN 2642 PN 10



DN	Referencia Part n°
15-1/2"	ZBPN10264208
20-3/4"	ZBPN10264212
25-1"	ZBPN10264216
32-1"1/4	ZBPN10264220
40-1"1/2	ZBPN10264224
50-2"	ZBPN10264232
65-2"1/2	ZBPN10264240
80-3"	ZBPN10264248
100-4"	ZBPN10264264

Aro para brida DIN 2642

Ring for flange DIN 2642

Collet épais pour bride DIN 2642

Anello per flangia DIN 2642



DN	Referencia Part n°
1/2"	ZABARO264208
3/4"	ZABARO264212
1"	ZABARO264216
1"1/4	ZABARO264220
1"1/2	ZABARO264224
2"	ZABARO264232
2"1/2	ZABARO264240
3"	ZABARO264248
4"	ZABARO264264

Tubo para soldar bridas ANSI-DIN

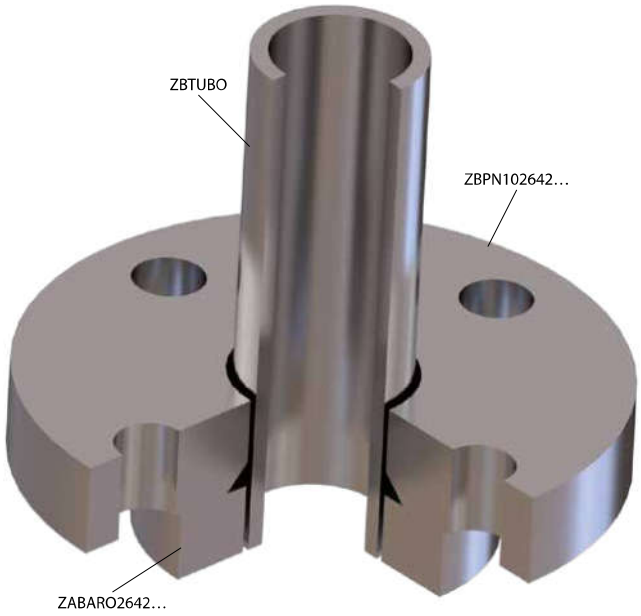
Tube for welding flanges ANSI-DIN

Tube à souder brides ANSI-DIN

Tubo per flangia a saldare ANSI-DIN



DN	Referencia Part n°
3/8"	ZBTUBO06
1/2"	ZBTUBO08
3/4"	ZBTUBO12
1"	ZBTUBO16
1"1/4	ZBTUBO20
1"1/2	ZBTUBO24
2"	ZBTUBO32
2"1/2	ZBTUBO40
3"	ZBTUBO48
4"	ZBTUBO64



Bridas soldables

Welding flanges
Brides à souder
Flangia a saldare

Brida plana PN40 DIN 2656

Welding forged flange DIN 2656 PN 40

Bride tournante à souder DIN 2656 PN 40

Flangia girevole a saldare DIN 2656 PN 40



DN	Referencia Part n°
15-1/2"	ZBPN40265608
20-3/4"	ZBPN40265612
25-1"	ZBPN40265616
32-1"1/4	ZBPN40265620
40-1"1/2	ZBPN40265624
50-2"	ZBPN40265632
65-2"1/2	ZBPN40265640
80-3"	ZBPN40265648
100-4"	ZBPN40265664

Aro para brida DIN 2656

Ring for flange DIN 2656

Collet épais pour bride DIN 2656

Anello per flangia DIN 2656



DN	Referencia Part n°
1/2"	ZABARO265608
3/4"	ZABARO265612
1"	ZABARO265616
1"1/4	ZABARO265620
1"1/2	ZABARO265624
2"	ZABARO265632
2"1/2	ZABARO265640
3"	ZABARO265648

Tubo para soldar bridas ANSI-DIN

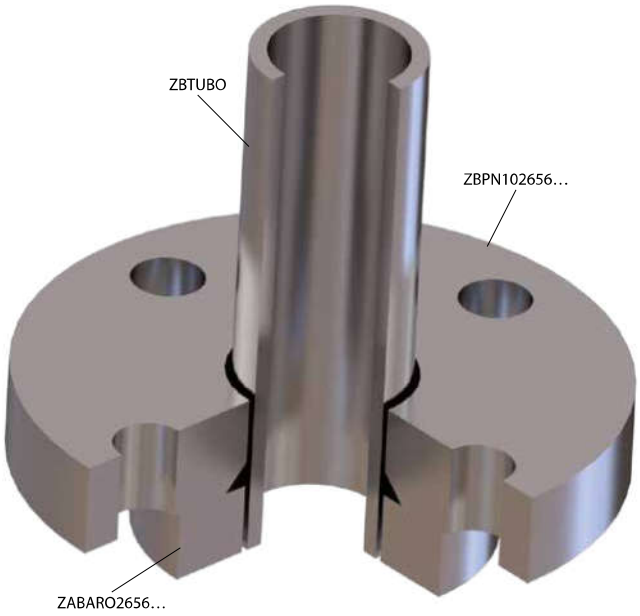
Tube for welding flanges ANSI-DIN

Tube à souder brides ANSI-DIN

Tubo per flangia a saldare ANSI-DIN



DN	Referencia Part n°
3/8"	ZBTUBO06
1/2"	ZBTUBO08
3/4"	ZBTUBO12
1"	ZBTUBO16
1"1/4	ZBTUBO20
1"1/2	ZBTUBO24
2"	ZBTUBO32
2"1/2	ZBTUBO40
3"	ZBTUBO48
4"	ZBTUBO64



Bridas soldables

Welding flanges
Brides à souder
Flangia a saldare

Brida plana ANSI-ASA 150 LBS

Swivel flange ANSI-ASA 150 LBS

Bride tournante ANSI-ASA 150 LBS

Flangia girevole ANSI-ASA 150 LBS



DN	Referencia Part n°
15-1/2"	ZBANSASO15008
20-3/4"	ZBANSASO15012
25-1"	ZBANSASO15016
32-1"1/4	ZBANSASO15020
40-1"1/2	ZBANSASO15024
50-2"	ZBANSASO15032
65-2"1/2	ZBANSASO15040
80-3"	ZBANSASO15048
100-4"	ZBANSASO15064

Aro para brida ANSI-ASA

Ring for flange ANSI-ASA

Collet épais pour bride ANSI-ASA

Anello per flangia ANSI-ASA



DN	Referencia Part n°
1/2"	ZABAROANSA08
3/4"	ZABAROANSA12
1"	ZABAROANSA16
1"1/4	ZABAROANSA20
1"1/2	ZABAROANSA24
2"	ZABAROANSA32
2"1/2	ZABAROANSA40
3"	ZABAROANSA48
4"	ZABAROANSA64

Brida plana ANSI-ASA 300 LBS

Swivel flange ANSI-ASA 300 LBS

Bride tournante ANSI-ASA 300 LBS

Flangia girevole ANSI-ASA 300 LBS



DN	Referencia Part n°
15-1/2"	ZBANSASO30008
20-3/4"	ZBANSASO30012
25-1"	ZBANSASO30016
32-1"1/4	ZBANSASO30020
40-1"1/2	ZBANSASO30024
50-2"	ZBANSASO30032
65-2"1/2	ZBANSASO30040
80-3"	ZBANSASO30048
100-4"	ZBANSASO30064

Tubo para soldar bridas ANSI-DIN

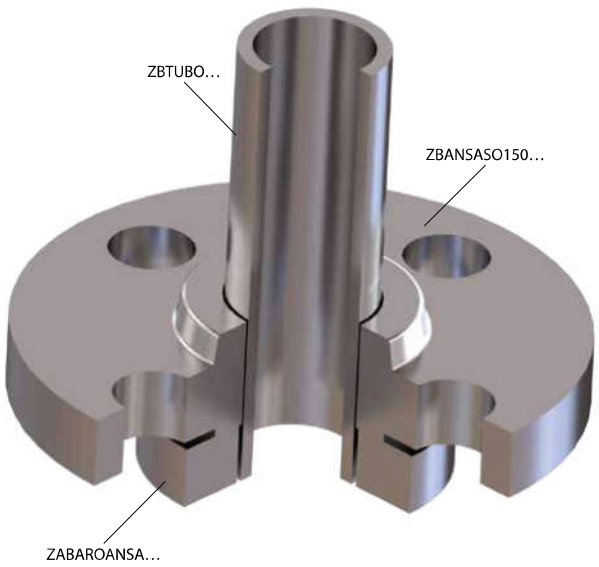
Tube for welding flanges ANSI-DIN

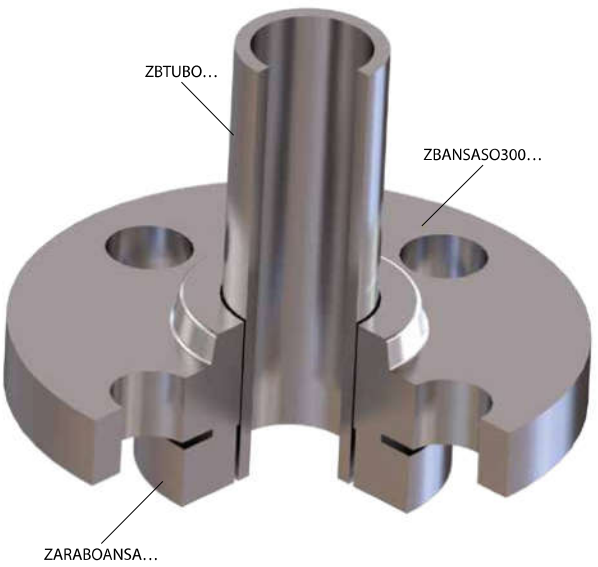
Tube à souder brides ANSI-DIN

Tubo per flangia a saldare ANSI-DIN



DN	Referencia Part n°
3/8"	ZBTUBO06
1/2"	ZBTUBO08
3/4"	ZBTUBO12
1"	ZBTUBO16
1"1/4	ZBTUBO20
1"1/2	ZBTUBO24
2"	ZBTUBO32
2"1/2	ZBTUBO40
3"	ZBTUBO48
4"	ZBTUBO64





Racores industria alimentaria 213
Food industry fittings
Raccords alimentaires
Raccordi alimentari

Serie Camlock DIN 2828 221
DIN 2828 Camlock Fittings
Raccords Camlock DIN 2828
Camlock DIN 2828

Acoples GUILLEMIN NF E-29572 225
GUILLEMIN NF E-29572 Fittings
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

Acoples TW (Tankwagen) DIN 28450 227
TW (Tankwagen) DIN 28450 Fittings
Raccords TW (Tankwagen) DIN 28450
Raccordi TW (Tankwagen) DIN 28450

Accesorios inox para racor industrial 228
Stainless Steel accessories for industrial fitting
Accessoires acier inox pour raccord industriel
Accessori in acciaio inossidabile per raccordo industriale

Racores baja presión 150 LBS 229
Screw low pressure fittings 150 LBS
Raccords basse pression 150 LBS
Raccordi bassa pressione 150 LBS



06

RACORES INDUSTRIALES

Industrial fittings

Raccords industriels

Raccordi industriali

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Casquillos para prensar ▪ Crimping ferrules ▪ Jupes à sertir ▪ Boccole a pressare | 213


81042

Racores SMS ▪ SMS Unions ▪ Raccords SMS ▪ Raccordi SMS | 214


ZRA200 ZRA212 ZSMS H ZSMS S ZSMS M Z SMS BN JSMSS JSMSP

Racores Tri-Clamp ▪ Clamp Unions ▪ Raccords Tri-Clamp ▪ Raccordi Tri-Clamp | 216


ZTC ZC JCLAMPS JCLAMPP ZAC1P ZPC

Racores DIN 11851 ▪ DIN 11851 Unions ▪ Raccords DIN 11851 ▪ Raccordi DIN 11851 | 217


ZRA100 ZRA112 ZDIN H Z DIN BN ZDIN S ZDIN M JDINS JDINP

Racores Macon ▪ Macon Unions ▪ Raccords Macon ▪ Raccordi Macon | 218


ZRA300 ZRA312 ZMAC H

Racores alimentarios para manguera PTFE Serie STD ▪ Food industry fittings for PTFE hose STD Series ▪ Raccords alimentaires pour tuyau PTFE Série STD ▪ Raccordi alimentari per tubo PTFE Serie STD | 219


ZRA250 ZRA150 ZRA252 ZRA152 ZTCS 81040 81041

Racores RJT ▪ RJT Fittings ▪ Raccords RJT ▪ Raccordi RJT | 220


ZRJT H ZRJT M ZRJT WL JRJT NBR

Serie Camlock DIN 2828

DIN 2828 Camlock Fittings
Raccords Camlock DIN 2828
Camlock DIN 2828

Racores Camlock AISI 316 ▪ Camlock Unions AISI 316 ▪ Raccords Camlock AISI 316 ▪ Raccordi Camlock AISI 316 | 221





Serie Autolock AISI 316

Autolock Unions AISI 316
Raccords Autolock AISI 316
Raccordi Autolock AISI 316

Racores Autolock AISI 316 ▪ Autolock Unions AISI 316 ▪ Raccords Autolock AISI 316 ▪ Raccordi Autolock AISI 316 | 224



Acoples GUILLEMIN NF E-29572

GUILLEMIN NF E-29572 Fittings
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

GUILLEMIN inox ▪ GUILLEMIN Stainless Steel ▪ GUILLEMIN acier inox ▪ GUILLEMIN acciao inossidabile | 225



Acoples TW (Tankwagen) DIN 28450

TW (Tankwagen) DIN 28450 Fittings
Raccords TW (Tankwagen) DIN 28450
Raccordi TW (Tankwagen) DIN 28450

TW (Tankwagen) inox ▪ TW Stainless Steel ▪ TW acier inox ▪ TW Acciao Inossidabile | 227



Accesorios inox para racor industrial

Stainless Steel accessories for industrial fitting
Accessoires acier inox pour raccord industriel
Accessori in acciaio inossidabile per raccordo industriale

Campana inox para racor industrial ▪ Stainless Steel Crimping Ferrule for industrial fitting ▪ Jupe pour raccord industriel acier inox ▪ Boccola in acciaio inossidabile per raccordo industriale 228


ZCA

Abrazadera inox para racor industrial ▪ Stainless Steel clamp for industrial fitting ▪ Collier pour raccord industriel acier inox ▪ Collare in acciaio inossidabile per raccordo industriale 228


ZAB01


ZAB02

Racores baja presión 150 LBS

Screw low pressure fittings 150 LBS
Raccords basse pression 150 LBS
Raccordi bassa pressione 150 LBS

150 LBS Microfundido ▪ Screwed fittings low pressure 150 LBS ▪ Adapteurs basse pression 150 LBS ▪ Raccordi bassa pressione 229


ZFIG399


ZFIG150


ZFIG290


ZFIG280


ZFIG245


ZFIG312


ZFIG300


ZFIG270


ZFIG291


ZFIG301


ZFIG241


ZFIG531


ZFIG240


ZFIG090


ZFIG120


ZFIG092


ZFIG130


ZFIG180


ZFIG340


ZFIG341


ZFIG149

150 LBS Soldables ▪ Welding fittings low pressure 150 LBS ▪ Raccords à souder basse pression 150 LBS ▪ Raccordi bassa pressione per saldare 150 LBS 232


ZFIG340...HS


ZFIG340...S


ZFIG341...MS

150 LBS Válvulas ▪ 150 LBS fittings Valves ▪ Raccords Vannes150 LBS ▪ Raccordi Valvole 150LBS 233


BP2V3P


BP2V

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Casquillos para mangueras alimentarias

Food industry hoses ferrules

Jupes à sertir tuyaux alimentaires

Boccola a pressare per tubi alimentari



DN	Ø MANGUERA Ø HOSE	Referencia Part nº
13-1/2"	23	**810421324**
19-3/4"	32	**810421933**
25-1"	39	**810422540**
32-1"1/4	48	**810423248**
38-1"1/2	52	**810423852**
38-1"1/2	56	**810423857**
40-1"1/2	54	**810424055**
40-1"1/2	60	**810424061**
50-2"	63	**810425064**
50-2"	68	**810425069**
50-2"	73	**810425073**
65-2"1/2	79	**810426580**
65-2"1/2	93	**810426593**
70-3"	89	**810427090**
75-3"	94	**810427595**
75-3"	106	**8104275107**
100-4"	122	**81042100123**
100-4"	134	**81042100135**



FOOD INDUSTRY HOSES | MANGUERAS ALIMENTARIAS





Hoses suitable for suction and discharge:
Milk, wine, oils, fatty foods, alcohol drinks (max 40%), etc./
Mangueras aptas para productos alimentarios de aspiración e impulsión:
Leche, vino, aceites, alimentos grasos, bebidas alcohol (máx. 40%), etc.



Ver precios en Catálogo Conducciones. | See prices in Connectors Catalogue.

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Hembras giratorias SMS

Swivel female SMS
Raccord femelle tournante SMS
Femmina girevole SMS



ROSCA THREAD	DN	Referencia Part n°
40x1/6"	25	ZRA2004025
48x1/6"	32	ZRA2004832
60x1/6"	38	ZRA2006038
60x1/6"	40	ZRA2006040
70x1/6"	50	ZRA2007050
85x1/6"	63	ZRA2008563
85x1/6"	65	ZRA2008565
98x1/6"	70	ZRA2009870
98x1/6"	75	ZRA2009875
98x1/6"	80	ZRA2009880
125x1/4"	100	ZRA200125100
132x1/4"	100	ZRA200132100

Machos fijos SMS

Fixed male SMS
Raccord mâle SMS
Maschio fisso SMS



ROSCA THREAD	DN	Referencia Part n°
40x1/6"	25	ZRA2124025
48x1/6"	32	ZRA2124832
60x1/6"	38	ZRA2126038
60x1/6"	40	ZRA2126040
70x1/6"	50	ZRA2127050
85x1/6"	63	ZRA2128563
85x1/6"	65	ZRA2128565
98x1/6"	70	ZRA2129870
98x1/6"	75	ZRA2129875
98x1/6"	80	ZRA2129880
125x1/4"	100	ZRA212125100
132x1/4"	100	ZRA212132100

Tuercas SMS

Nuts SMS
Écrou SMS
Dadi SMS



ROSCA THREAD	DN	Referencia Part n°
40x1/6"	25	ZSMS H 25
48x1/6"	32	ZSMS H 32
60x1/6"	38	ZSMS H 38
70x1/6"	51	ZSMS H 51
85x1/6"	63	ZSMS H 63
98x1/6"	76	ZSMS H 76
125x1/4"	104	ZSMS H 104
132x1/4"	104	ZSMS H 105

Conos soldables SMS

Liner to weld SMS
Douilles à souder SMS
Sede a saldare per femmina SMS



DN	Referencia Part n°
25	ZSMS S 25
32	ZSMS S 32
38	ZSMS S 38
51	ZSMS S 51
63	ZSMS S 63
76	ZSMS S 76
104	ZSMS S 104

Machos soldables SMS

Weld male SMS
Nez à souder SMS
Maschio a saldare SMS



ROSCA THREAD	DN	Referencia Part n°
40x1/6"	25	ZSMS M 25
48x1/6"	32	ZSMS M 32
60x1/6"	38	ZSMS M 38
70x1/6"	51	ZSMS M 51
85x1/6"	63	ZSMS M 63
98x1/6"	76	ZSMS M 76
125x1/4"	104	ZSMS M 104

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Tapones SMS

Blind round nut SMS

Ecrou Bouchon Avec Chainette

Dado tondo cieco SMS



DN	ROSCA THREAD	Referencia Part nº
25	40X1/6"	**Z SMS BN 25**
38	60X1/6"	**Z SMS BN 38**
51	70X1/6"	**Z SMS BN 51**
63	85X1/6"	**Z SMS BN 63**
76	98X1/6"	**Z SMS BN 76**
104	125X1/4"	**Z SMS BN 104**

Junta SMS silicona

Silicone joint for SMS

Joint silicône pour SMS

Guarnizione in silicone per SMS

DN	Referencia Part nº
25	**JSMSS 25**
32	**JSMSS 32**
38	**JSMSS 38**
51	**JSMSS 51**
63	**JSMSS 63**
76	**JSMSS 76**
104	**JSMSS 104**

Juntas SMS PTFE

PTFE Joint for SMS

Joint PTFE pour SMS

Guarnizione in PTFE per SMS

DN	Referencia Part nº
25	**JSMSP 25**
32	**JSMSP 32**
38	**JSMSP 38**
51	**JSMSP 51**
63	**JSMSP 63**
76	**JSMSP 76**

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Tri-Clamp ISO 2852

Tri-Clamp ISO 2852

Raccord Tri-Clamp ISO 2852

Tri-Clamp ISO 2852 per tubo flessibile



Ø	DN		Referencia Part n°
25	12		ZTC2512
25	19	NEW	ZTC2519
34	12		ZTC3412
34	19		ZTC3419
50,5	19		ZTC5019
50,5	25		ZTC5025
50,5	32		ZTC5032
50,5	38		ZTC5038
50,5	40		ZTC5040
64	38		ZTC6438
64	40		ZTC6440
64	50		ZTC6450
77,5	50		ZTC7750
77,5	65		ZTC7763
91	65		ZTC9165
91	75		ZTC9175

Tri-Clamp para soldar en tubo

Welding Tri-Clamp for pipe

Raccord Tri-Clamp à souder pour tube

Tri-Clamp a saldare per tubo rigido



Ø	DN	Referencia Part n°
25	12	ZC25-12
34	12	ZC34-12
34	18	ZC34-18
50.5	18	ZC50-18
50.5	25	ZC50-25
50.5	33.7	ZC50-33.7
50.5	38	ZC50-38
64	38	ZC64-38
64	51	ZC64-51
91	65	ZC91-65

Juntas para Clamp Silicona

Joint for silicone clamp

Joint pour clamp silicône

Guarnizione per clamp Silicone



Ø	Referencia Part n°
25	JCLAMPS 25
34	JCLAMPS 34
50	JCLAMPS 50
64	JCLAMPS 64
77	JCLAMPS 77
91	JCLAMPS 91

Juntas para Clamp PTFE

Joint for PTFE clamp

Joint pour clamp PTFE

Guarnizione per clamp PTFE



Ø	Referencia Part n°
25	JCLAMPP 25
34	JCLAMPP 34
50	JCLAMPP 50
64	JCLAMPP 64
77	JCLAMPP 77
91	JCLAMPP 91

Abrazaderas Tri-clamp con 1 pin

Tri-Clamp with 1 pin

Collier Tri-Clamp avec 1 pin

Collare Tri-Clam con 1 pim



Ø	Referencia Part n°
25	ZAC1P25
34	ZAC1P34
50	ZAC1P50
64	ZAC1P64
77	ZAC1P77
91	ZAC1P91

Tri-Clamp Tapa

Tri-Clamp cover

Tri-Clamp Couvercle

Tri-Clamp copertura



Ø	Referencia Part n°
25	ZPC25
34	ZPC34
50.5	ZPC50
64	ZPC64
77.5	ZPC77
91	ZPC91

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Hembras giratorias DIN 11851

Swivel female DIN 11851

Raccord femelle tournante DIN 11851

Femmina girevole DIN 11851



ROSCA THREAD	DN	Referencia Part n°
44x1/6"	20	ZRA1004420
52x1/6"	25	ZRA1005225
58x1/6"	32	ZRA1005832
65x1/6"	38	ZRA1006538
65x1/6"	40	ZRA1006540
78x1/6"	50	ZRA1007850
95x1/6"	63	ZRA1009563
95x1/6"	65	ZRA1009565
110x1/4"	75	ZRA10011075
110x1/4"	80	ZRA10011080
130x1/4"	100	ZRA100130100

Machos fijos DIN 11851

Fixed male DIN 11851

Raccord mâle DIN 11851

Maschio fisso DIN 11851



ROSCA THREAD	DN	Referencia Part n°
52x1/6"	25	ZRA1125225
58x1/6"	32	ZRA1125832
65x1/6"	38	ZRA1126538
65x1/6"	40	ZRA1126540
78x1/6"	50	ZRA1127850
95x1/6"	63	ZRA1129563
95x1/6"	65	ZRA1129565
110x1/4"	75	ZRA11211075
110x1/4"	80	ZRA11211080
130x1/4"	100	ZRA112130100

Tuercas DIN 11851

Nuts DIN 11851

Écrous DIN 11851

Dado DIN 11851



ROSCA THREAD	DN	Referencia Part n°
34x1/8"	16	ZDIN H 16
44x1/6"	20	ZDIN H 20
52x1/6"	25	ZDIN H 25
58x1/6"	32	ZDIN H 32
65x1/6"	40	ZDIN H 40
78x1/6"	50	ZDIN H 50
95x1/6"	65	ZDIN H 65
110x1/4"	80	ZDIN H 80
130x1/4"	100	ZDIN H 100

Tapones DIN 11851

DIN 11851 Blind round nut

DIN 11851 Ecrou Bouchon Avec Chainette

DIN 11851 Dado tondo cieco



DN	ROSCA	Referencia Part n°
20	44X1/6"	Z DIN BN 20
25	52X1/6"	Z DIN BN 25
32	58X1/6"	Z DIN BN 32
40	65X1/6"	Z DIN BN 40
50	78X1/6"	Z DIN BN 50
65	95X1/6"	Z DIN BN 65
80	110X1/4"	Z DIN BN 80

Conos soldables DIN 11851

Liner to weld DIN 11851

Douilles à souder DIN 11851

Ogiva a saldare per dado DIN 11851



DN	Referencia Part n°
16	ZDIN S 16
20	ZDIN S 20
25	ZDIN S 25
32	ZDIN S 32
40	ZDIN S 40
50	ZDIN S 50
65	ZDIN S 65
75/80	ZDIN S 80
100	ZDIN S 100

Machos soldables DIN 11851

Weld male DIN 11851

Nez à souder DIN 11851

Maschio a saldare DIN 11851



ROSCA THREAD	DN	Referencia Part n°
34x1/8"	16	ZDIN M 16
44x1/6"	20	ZDIN M 20
52x1/6"	25	ZDIN M 25
58x1/6"	32	ZDIN M 32
65x1/6"	40	ZDIN M 40
78x1/6"	50	ZDIN M 50
95x1/6"	65	ZDIN M 65
110x1/4"	75/80	ZDIN M 80
130x1/4"	100	ZDIN M 100

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Juntas DIN 11851 silicona

Silicone joint for DIN 11851

Joint silicône pour DIN 11851

Guarnizione in silicone per DIN 11851

DN	Referencia Part n°
20	**JDINS 20**
25	**JDINS 25**
32	**JDINS 32**
40	**JDINS 40**
50	**JDINS 50**
65	**JDINS 65**
80	**JDINS 80**

Juntas DIN 11851 PTFE

PTFE Joint for DIN 11851

Joint PTFE pour DIN 11851

Guarnizione in PTFE per DIN 11851

DN	Referencia Part n°
20	**JDINP 20**
25	**JDINP 25**
32	**JDINP 32**
40	**JDINP 40**
50	**JDINP 50**
65	**JDINP 65**
80	**JDINP 80**
100	**JDINP 100**

Hembras giratorias Macon

Swivel female Macon

Raccord femelle tournante Macon

Femmina girevole Macon



ROSCA THREAD	DN	Referencia Part n°
M55x3	38	**ZRA3005538**
M55x3	40	**ZRA3005540**
M67x3	50	**ZRA3006750**
M79x3,5	65	**ZRA3007965**
M90x3,5	65	**ZRA3009065**
M90x3,5	70	**ZRA3009070**
M90x3,5	80	**ZRA3009080**
M102x4	80	**ZRA30010280**

Machos fijos Macon

Male fixe Macon

Raccord mâle fixe Macon

Maschio fisso Macon



ROSCA THREAD	DN	Referencia Part n°
M55x3	38	**ZRA3125538**
M55x3	40	**ZRA3125540**
M67x3	50	**ZRA3126750**
M79x3,5	65	**ZRA3127965**
M90x3,5	70	**ZRA3129070**
M90x3,5	80	**ZRA3129080**
M102x4	80	**ZRA31210280**

Tuercas Macon

Macon nuts

Écrous à crans Macon

Dadi Macon



ROSCA THREAD	DN	Referencia Part n°
M55x3	40	**ZMAC H 40**
M67x3	50	**ZMAC H 50**
M79x3,5	60	**ZMAC H 60**
M90x3,5	70	**ZMAC H 70**
M102x4	80	**ZMAC H 80**
M125x4	100	**ZMAC H 100**

***Consultar** / On request / **Sur demande** / Su richiesta

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Hembras giratorias prensar SMS para PTFE Serie STD

Swivel female SMS for PTFE STD Series
Femelle tournante SMS pour PTFE Série STD
Femmina girevole SMS per tubo PTFE Serie STD



ROSCA THREAD	DN	Referencia Part n°
40x1/6"	1"	**ZRA2504016**
48x1/6"	1" 1/4	**ZRA2504820**
60x1/6"	1" 1/2	**ZRA2506024**
70x1/6"	2"	**ZRA2507032**
85x1/6"	2" 1/2	**ZRA2508540**

Hembras giratorias DIN 11851 para PTFE Serie ST

Swivel female DIN 11851 for PTFE hose STD Series
Raccord femelle tournante DIN 11851 pour PTFE Série STD
Femmina girevole DIN 11851 per tubo PTFE Serie STD



ROSCA THREAD	DN	Referencia Part n°
52x1/6"	1"	**ZRA1505216**
58x1/6"	1" 1/4	**ZRA1505820**
65x1/6"	1" 1/2	**ZRA1506524**
78x1/6"	2"	**ZRA1507832**
95x1/6"	2" 1/2	**ZRA1509540**

Machos SMS para PTFE Serie STD

Fixed male SMS for PTFE hose STD Series
Raccord mâle SMS pour PTFE Série STD
Maschio SMS per tubo PTFE Serie STD



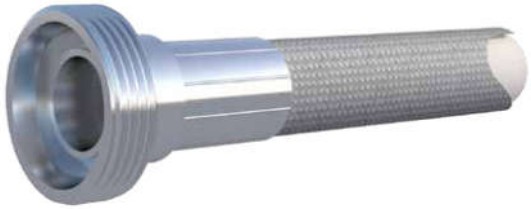
ROSCA THREAD	DN	Referencia Part n°
40x1/6"	1"	**ZRA2524016**
48x1/6"	1" 1/4	**ZRA2524820**
60x1/6"	1" 1/2	**ZRA2526024**
70x1/6"	2"	**ZRA2527032**
85x1/6"	2" 1/2	**ZRA2528540**

Machos DIN 11851 para PTFE Serie STD

Fixed male DIN 11851 for PTFE hose STD Series
Raccord mâle DIN 11851 pour PTFE Série STD
Maschio DIN 11851 per tubo PTFE Serie STD



ROSCA THREAD	DN	Referencia Part n°
52x1/6"	1"	**ZRA1525216**
78x1/6"	2"	**ZRA1527832**
58x1/6"	1" 1/4	**ZRA1525820**
65x1/6"	1" 1/2	**ZRA1526524**
95x1/6"	2" 1/2	**ZRA1529540**



Racores Tri-Clamp Serie STD

Tri-Clamp Fittings STD Series
Raccords Tri-Clamp Série STD
Raccordi Tri-Clamp Serie STD



Ø	DN	Referencia Part n°
34	3/8"	**ZTCS3406**
50,5	3/4"	**ZTCS5012**
50,5	1"	**ZTCS5016**
50,5	1" 1/4	**ZTCS5020**
50,5	1" 1/2	**ZTCS5024**
64	1" 1/2	**ZTCS6424**
64	2"	**ZTCS6432**
77,5	2"	**ZTCS7732**

Casquillos PTFE liso

Ferrules for smooth PTFE
Jupes PTFE lisse
Boccole pressare per PTFE liscio



DN	Referencia Part n°	€
1/8"	**810400100**	*
3/16"	**810400300**	*
1/4"	**810400400**	*
5/16"	**810400500**	*
3/8"	**810400600**	*
1/2"	**810400800**	*
5/8"	**810401000**	*
3/4"	**810401200**	*
1"	**810401600**	*

***Ver precios en p.23** / **See prices p.23* / **Voir prix p.23* / **Vedere prezzi p.23*

Casquillos PTFE corrugado

Ferrules for convoluted PTFE
Jupes PTFE convoluté
Boccola pressare per PTFE corrugato



DN	Referencia Part n°	€
1/4"	**810410400**	*
5/16"	**810410500**	*
3/8"	**810410600**	*
1/2"	**810410800**	*
5/8"	**810411000**	*
3/4"	**810411201**	*
1"	**810411600**	*
1"1/4	**810412000**	*
1"1/2	**810412400**	*
2"	**810413200**	*
2"1/2	**810414000**	*

***Ver precios en p.23** / **See prices p.23* / **Voir prix p.23* / **Vedere prezzi p.23*

Racores industria alimentaria

Food industry fittings
Raccords alimentaires
Raccordi alimentari

Tuercas RJT - 304

NEW

RJT Nuts - 304
Écrous RJT - 304
Dadi RJT - 304



ROSCA THREAD	DN	Referencia Part n°
42.6X1/8	1"	ZRJT H 25
55.3X1/8	1" 1/2	ZRJT H 38
68.3X1/6	2"	ZRJT H 51
80.9X1/6	2" 1/2	ZRJT H 63
93.6X1/6	3"	ZRJT H 76
119.1X1/6	4"	ZRJT H 102
169.6X1/6	6"	ZRJT H 152

Welded Liner RJT

NEW

Welded Liner RJT
Revêtement soudé RJT
Rivestimento saldato RJT



DN	Referencia Part n°
1"	ZRJT WL 25
1"1/2	ZRJT WL 38
2"	ZRJT WL 51
2"1/2	ZRJT WL 63
3"	ZRJT WL 76
4"	ZRJT WL 102
6"	ZRJT WL 152

Macho RJT

EW

RJT Male
RJT Mâle
RJT maschio



ROSCA THREAD	DN	Referencia Part n°
45.72x8	1"	ZRJT M 25
58.42x8	1"1/2	ZRJT M 38
72.72x6	2"	ZRJT M 51
85.42x6	2"1/2	ZRJT M 63
98.12x6	3"	ZRJT M 76
123.52x6	4"	ZRJT M 102
174.32x6	6"	ZRJT M 152

Junta NBR RJT

W

NBR RJT Gasket
Joint NBR RJT
Guarnizione NBR RJT



DN	Referencia Part n°
1"	JRJT NBR 25
1"1/2	JRJT NBR 38
2"	JRJT NBR 51
2"1/2	JRJT NBR 63
3"	JRJT NBR 76
4"	JRJT NBR 102
6"	JRJT NBR 152

RING JOINT TYPE (RJT)

UK'S MOST POPULAR

RENDIMIENTO EXCEPCIONAL
EXCEPTIONAL PERFORMANCE

Industrias Lácteas, Cerveceras, Alimentaria e Industria GeneraL
Dairy, Brewery, Food Processing & General Engineering Industries



+ RJT ESPIGA MANGUERA (consultar)
+ RJT HOSE TAIL (on request)

*Consultar / On request / Sur demande / Su richiesta

Serie Camlock DIN 2828

DIN 2828 Camlock Fittings
Raccords Camlock DIN 2828
Camlock DIN 2828

Camlock macho - rosca hembra BSP Tipo A

Male Camlock coupling, female BSP threaded Type A
Adapteur mâle Camlock- filetage femelle BSP Type A
Camlock maschio - filetto femmina BSP - TIPO A



DN	ROSCA THREAD	Referencia Part n°
12	1/2"	**ZA012**
20	1/2"	**ZA015**
20	3/4"	**ZA020**
25	1"	**ZA025**
32	1"1/4	**ZA032**
40	1"1/2	**ZA040**
50	2"	**ZA050**
65	2"1/2	**ZA065**
80	3"	**ZA080**
100	4"	**ZA100**

Camlock hembra - rosca macho BSPT Tipo B

Female Camlock coupling, female BSPT threaded Type B
Adapteur Camlock femelle - filetage mâle BSPT Type B
Camlock femmina - filetto maschio conico BSPT - TIPO B



DN	ROSCA THREAD	Referencia Part n°
12	1/2"	**ZB012**
20	1/2"	**ZB015**
20	3/4"	**ZB020**
25	1"	**ZB025**
32	1"1/4	**ZB032**
40	1"1/2	**ZB040**
50	2"	**ZB050**
65	2"1/2	**ZB065**
80	3"	**ZB080**
100	4"	**ZB100**

Camlock hembra - para manguera Tipo C

Female Camlock coupling with serrated hose shank Type C
Coupleur Camlock femelle - pour tuyau Type C
Camlock femmina con inserto per tubo - TIPO C



DN		Referencia Part n°
12	1/2"	**ZC012**
20	1/2"	**ZC015**
20	3/4"	**ZC020**
25	1"	**ZC025**
32	1"1/4	**ZC032**
40	1"1/2	**ZC040**
50	2"	**ZC050**
65	2"1/2	**ZC065**
80	3"	**ZC080**
100	4"	**ZC100**

Camlock hembra - rosca hembra BSP Tipo D

Female Camlock coupling, female BSP threaded Tipe D
Adapteur Camlock femelle BSP Type D
Camlock femmina - filetto femmina BSP - TIPO D



DN	ROSCA THREAD	Referencia Part n°
12	1/2"	**ZD012**
20	1/2"	**ZD015**
20	3/4"	**ZD020**
25	1"	**ZD025**
32	1"1/4	**ZD032**
40	1"1/2	**ZD040**
50	2"	**ZD050**
65	2"1/2	**ZD065**
80	3"	**ZD080**
100	4"	**ZD100**

Camlock macho - para manguera Tipo E

Male Camlock coupling, with serrated hose shank Type E
Coupleur Camlock mâle Type E
Camlock maschio con inserto per tubo - TIPO E



DN		Referencia Part n°
12	1/2"	**ZE012**
20	1/2"	**ZE015**
20	3/4"	**ZE020**
25	1"	**ZE025**
32	1"1/4	**ZE032**
40	1"1/2	**ZE040**
50	2"	**ZE050**
65	2"1/2	**ZE065**
80	3"	**ZE080**
100	4"	**ZE100**

Camlock macho - rosca macho BSPT Tipo F

Male Camlock coupling, male BSPT threaded Type F
Adapteur Camlock mâle BSPT Type F
Camlock maschio - filetto maschio conico BSPT - TIPO F



DN	ROSCA THREAD	Referencia Part n°
12	1/2"	**ZF012**
20	1/2"	**ZF015**
20	3/4"	**ZF020**
25	1"	**ZF025**
32	1"1/4	**ZF032**
40	1"1/2	**ZF040**
50	2"	**ZF050**
65	2"1/2	**ZF065**
80	3"	**ZF080**
100	4"	**ZF100**

Serie Camlock DIN 2828

DIN 2828 Camlock Fittings
Raccords Camlock DIN 2828
Camlock DIN 2828

Camlock hembra - tapón Tipo DC

Female Camlock Coupling-Dust caps Type DC

Bouchon Camlock femelle Type DC

Tappo femmina per maschio Camlock - TIPO DC



DN	Referencia Part n°
12	ZDC012
20	ZDC020
25	ZDC025
32	ZDC032
40	ZDC040
50	ZDC050
65	ZDC065
80	ZDC080
100	ZDC100

Camlock macho - tapón tipo DP

Male Camlock coupling-Dust plugs Type DP

Bouchon Camlock mâle Type DP

Tappo maschio per femmina Camlock - TIPO DP



DN	Referencia Part n°
12	ZDP012
20	ZDP020
25	ZDP025
32	ZDP032
40	ZDP040
50	ZDP050
65	ZDP065
80	ZDP080
100	ZDP100

Junta Camlock NBR

Camlock NBR Seal

Joint Camlock NBR

Guarnizione in NBR per Camlock



DN	Referencia Part n°
12	JCAMNBR012
20	JCAMNBR020
25	JCAMNBR025
32	JCAMNBR032
40	JCAMNBR040
50	JCAMNBR050
65	JCAMNBR065
80	JCAMNBR080
100	JCAMNBR100

Camlock macho - soldable BW

Camlock male - weldable BW

Adapteur Camlock mâle à souder BW

Camlock maschio a saldare - TIPO BW



TUBO PIPE	Referencia Part n°
21.3	ZABW012
26.9	ZABW020
33.7	ZABW025
42.4	ZABW032
48.3	ZABW040
60.3	ZABW050

Camlock hembra - soldable BW

Camlock female - weldable BW

Adapteur Camlock femelle à souder BW

Camlock femmina a saldare - TIPO BW



TUBO PIPE	Referencia Part n°
21.3	ZDBW012
26.9	ZDBW020
33.7	ZDBW025
42.4	ZDBW032
48.3	ZDBW040
60.3	ZDBW050

Junta Camlock silicona

Camlock silicone seal

Joint Camlock silicône

Guarnizione in silicone per Camlock



DN	Referencia Part n°
12	JCAMS012
20	JCAMS020
25	JCAMS025
32	JCAMS032
40	JCAMS040
50	JCAMS050
65	JCAMS065
80	JCAMS080
100	JCAMS100

Serie Camlock DIN 2828

DIN 2828 Camlock Fittings
Raccords Camlock DIN 2828
Camlock DIN 2828

Camlock macho - rosca hembra NPT Tipo A

Male Camlock coupling, female NPT threaded Type A
Adapteur Camlock mâle - filetage femelle NPT Type A
Camlock maschio - filetto femmina NPT - TIPO A



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ZA012NPT	6,37
20	3/4"	ZA020NPT	9,90
25	1"	ZA025NPT	12,91
32	1" 1/4	ZA032NPT	16,11
40	1" 1/2	ZA040NPT	21,96
50	2"	ZA050NPT	30,43
65	2" 1/2	ZA065NPT	41,62
80	3"	ZA080NPT	53,16
100	4"	ZA100NPT	73,71

Camlock hembra - rosca hembra NPT Tipo D

Female Camlock Coupling, female NPT threaded Type D
Adapteur Camlock femelle NPT Type D
Camlock femmina - filetto femmina NPT - TIPO D



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ZD012NPT	14,18
20	3/4"	ZD020NPT	16,49
25	1"	ZD025NPT	23,46
32	1" 1/4	ZD032NPT	34,57
40	1" 1/2	ZD040NPT	34,05
50	2"	ZD050NPT	47,56
65	2" 1/2	ZD065NPT	59,40
80	3"	ZD080NPT	84,45
100	4"	ZD100NPT	121,60

Camlock hembra - rosca macho NPT Tipo B

Female CamlockCoupling, male NPT threaded Type B
Adapteur Camlock femelle - filetage mâle NPT Type B
Camlock femmina - filetto maschio conico NPT - TIPO B



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ZB012NPT	14,66
20	3/4"	ZB020NPT	15,40
25	1"	ZB025NPT	21,30
32	1" 1/4	ZB032NPT	31,73
40	1" 1/2	ZB040NPT	32,15
50	2"	ZB050NPT	45,44
65	2" 1/2	ZB065NPT	58,46
80	3"	ZB080NPT	82,09
100	4"	ZB100NPT	116,72

Camlock macho - rosca macho NPT Tipo F

Male Camlock coupling, male NPT threaded Type F
Adapteur Camlock mâle NPT Type F
Camlock maschio - filetto maschio conico NPT - TIPO F



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	ZF012NPT	7,55
20	3/4"	ZF020NPT	9,29
25	1"	ZF025NPT	13,04
32	1" 1/4	ZF032NPT	17,52
40	1" 1/2	ZF040NPT	27,12
50	2"	ZF050NPT	31,54
65	2" 1/2	ZF065NPT	49,58
80	3"	ZF080NPT	63,17
100	4"	ZF100NPT	103,00

CAMLOCK NPT



EN 14420-7 | DIN 2828
Ver ficha técnica | Check technical sheet

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

Serie Camlock DIN 2828

DIN 2828 Camlock Fittings
Raccords Camlock DIN 2828
Camlock DIN 2828

Autolock hembra - rosca macho BSP Tipo B

Autolock, female, BSP male threaded Type B

Autolock femelle - filetage mâle BSP Type B

Autolock femmina - filetto maschio conico BSPT - TIPO B



DN	ROSCA THREAD	Referencia Part nº
12	1/2"	**ZB012S**
20	3/4"	**ZB020S**
25	1"	**ZB025S**
32	1"1/4	**ZB032S**
40	1"1/2	**ZB040S**
50	2"	**ZB050S**
65	2"1/2	**ZB065S**
80	3"	**ZB080S**
100	4"	**ZB100S**

Autolock hembra - rosca hembra BSP Tipo D

Autolock, female, BSP female threaded Type D

Autolock femelle - filetage femelle BSP Type D

Autolock femmina - filetto femmina BSP - TIPO D



DN	ROSCA THREAD	Referencia Part nº	
12	1/2"	**ZD012S**	
20	3/4"	**ZD020S**	
25	1"	**ZD025S**	
32	1"1/4	**ZD032S**	
40	1"1/2	**ZD040S**	
50	2"	**ZD050S**	
65	2"1/2	**ZD065S**	
80	3"	**ZD080S**	
100	4"	**ZD100S**	2

Autolock hembra - para manguera Tipo C

Autolock, female, with serrated hose shank Type C

Autolock femelle - pour tuyau Type C

Autolock femmina con inserto per tubo - TIPO C



DN	ROSCA THREAD	Referencia Part nº
12	1/2"	**ZC012S**
20	3/4"	**ZC020S**
25	1"	**ZC025S**
32	1"1/4	**ZC032S**
40	1"1/2	**ZC040S**
50	2"	**ZC050S**
65	2"1/2	**ZC065S**
80	3"	**ZC080S**
100	4"	**ZC100S**

Autolock hembra - tapón Tipo DC

Autolock, female, DC type dust cap

Autolock femelle - bouchon Type DC

Tappo femmina per Autolock maschio - TIPO DC



DN	Referencia Part nº
12	**ZDC012S**
20	**ZDC020S**
25	**ZDC025S**
32	**ZDC032S**
40	**ZDC040S**
50	**ZDC050S**
65	**ZDC065S**
80	**ZDC080S**
100	**ZDC100S**

AUTOLOCK





Camlock con cierre de seguridad, múltiples aplicaciones como agua, petróleo y productos químicos

Camlock with security lock, for multiple applications such us water, petroleum and chemical liquids

Ver ficha técnica | Check technical sheet

Acoples GUILLEMIN NF E-29572

GUILLEMIN NF E-29572 Fittings
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

GUILLEMIN con cierre-rosca hembra BSP

GUILLEMIN S.S. with closure-BSP Female thread
GUILLEMIN Inox avec fermeture-Filetage Femelle BSP
GUILLEMIN Inox con chiusura-Filetto femmina BSP



DN	ROSCA THREAD	Referencia Part n°	
20	3/4"	ZGU01C020	
25	1"	ZGU01C025	
32	1" 1/4	ZGU01C032	
40	1" 1/2	ZGU01C040	
50	2"	ZGU01C050	
65	2" 1/2	ZGU01C065	7
80	3"	ZGU01C080	5
100	4"	ZGU01C100	4

GUILLEMIN sin cierre-rosca hembra BSP

GUILLEMIN S.S. without closure-BSP Female thread
GUILLEMIN Inox sans fermeture-Filetage Femelle BSP
GUILLEMIN Inox senza chiusura- Filetto femmina BSP



DN	ROSCA THREAD	Referencia Part n°
20	3/4"	ZGU01S020
25	1"	ZGU01S025
32	1" 1/4	ZGU01S032
40	1" 1/2	ZGU01S040
50	2"	ZGU01S050
65	2" 1/2	ZGU01S065
80	3"	ZGU01S080
100	4"	ZGU01S100

GUILLEMIN con cierre-rosca macho BSP

GUILLEMIN S.S. with closure-BSP Male thread
GUILLEMIN Inox avec fermeture-Filetage Mâle BSP
GUILLEMIN Inox con chiusura-Filetto maschio BSP



DN	ROSCA THREAD	Referencia Part n°	
20	3/4"	ZGU02C020	
25	1"	ZGU02C025	
32	1" 1/4	ZGU02C032	
40	1" 1/2	ZGU02C040	
50	2"	ZGU02C050	
65	2" 1/2	ZGU02C065	0
80	3"	ZGU02C080	6
100	4"	ZGU02C100	3

GUILLEMIN sin cierre-rosca macho BSP

GUILLEMIN S.S. without closure-BSP Male thread
GUILLEMIN Inox sans fermeture-Filetage Mâle BSP
GUILLEMIN Inox senza chiusura-Filetto maschio BSP



DN	ROSCA THREAD	Referencia Part n°
20	3/4"	ZGU02S020
25	1"	ZGU02S025
32	1" 1/4	ZGU02S032
40	1" 1/2	ZGU02S040
50	2"	ZGU02S050
65	2" 1/2	ZGU02S065
80	3"	ZGU02S080
100	4"	ZGU02S100

GUILLEMIN con cierre-tapón

GUILLEMIN S.S. with closure-Plug
GUILLEMIN Inox avec fermeture-Bouchon
GUILLEMIN Inox con chiusura-Tappo



DN	Referencia Part n°
20	ZGU04C020
25	ZGU04C025
32	ZGU04C032
40	ZGU04C040
50	ZGU04C050
65	ZGU04C065
80	ZGU04C080
100	ZGU04C100

GUILLEMIN con cierre-reductor

GUILLEMIN S.S. with closure-Reducer
GUILLEMIN Inox avec fermeture-Réduction
GUILLEMIN Inox con chiusura-Riduzione



DN		Referencia Part n°
40-32		ZGU03C040032
50-32	NEW	ZGU03C050032
50-40		ZGU03C050040
65-50		ZGU03C065050
80-65		ZGU03C080065
100-80		ZGU03C100080

Acoples GUILLEMIN NF E-29572

GUILLEMIN NF E-29572 Fittings
Raccords GUILLEMIN NF E-29572
Raccordi GUILLEMIN NF E-29572

GUILLEMIN con cierre-para manguera

GUILLEMIN S.S. with closure-For hose

GUILLEMIN Inox avec fermeture-Pour tuyau

GUILLEMIN Inox con chiusura- Per tubo



DN	L (mm)	TAMAÑO SIZE	Referencia Part n°
40	37	40	**ZGU05C040040**
45	37	40	**ZGU05C040045**
50	48	50	**ZGU05C050050**
50	45,5	50	**ZGU05C050055**
65	50	65	**ZGU05C065065**
80	70	80	**ZGU05C080080**

GUILLEMIN con cierre-soldable

GUILLEMIN S.S. with closure-Welding

GUILLEMIN Inox avec fermeture-À souder

GUILLEMIN Inox con chiusura-Saldabile



DN	Referencia Part n°
40	**ZGU06C040040**
50	**ZGU06C050050**
65	**ZGU06C065065**
80	**ZGU06C080080**

GUILLEMIN



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 (Tankwagen) DIN 28450

TW (Tankwagen) DIN 28450 Fittings
Raccords TW (Tankwagen) DIN 28450
Raccordi TW (Tankwagen) DIN 28450

TW rosca hembra BSP - acople hembra

TW BSP Female thread - female coupling
TW Filetage Femelle BSP - accouplement Femelle
TW Filetto femmina BSP - accoppiamento femmina



DN	Referencia Part n°
2"	ZMK05032
3"	ZMK08048
4"	ZMK10064

TW rosca hembra BSP - acople macho

TW BSP Female thread - male coupling
TW Filetage Femelle BSP - accouplement Mâle
TW Filetto femmina BSP - accoppiamento maschio



DN	Ø	Referencia Part n°
2"	70.5	ZVK05032
3"	102	ZVK08048
4"	128	ZVK10064

TW tapón - acople hembra

TW cap coupling
TW Bouchon - accouplement Femelle
TW Tappo - accoppiamento femmina



DN	Referencia Part n°
2"	ZMB050
3"	ZMB080
4"	ZMB100

TW tapón - acople macho

TW Plug - male coupling
TW Bouchon - accouplement Mâle
TW Tappo - accoppiamento maschio



DN	Ø	Referencia Part n°
2"	70.5	ZVB050
3"	102	ZVB080
4"	128	ZVB100

TW acople hembra

TW Female coupling
TW Accouplement Femelle
TW Accoppiamento femmina



DN	Referencia Part n°
2"	ZMKS050050
3"	ZMKS080080

TW acople macho

TW Male coupling
TW Accouplement Mâle
TW Accoppiamento maschio



DN	Referencia Part n°
2"	ZVKS050050
3"	ZVKS080080

Accesorios inox para racor industrial

Stainless Steel accessories for industrial fitting
Accessoires acier inox pour raccord industriel
Accessori in acciaio inossidabile per raccordo industriale

Campana inox 304 para racor industrial - cierre 45°

Stainless Steel 304 Crimping Ferrule 45° closure

Jupe pour raccord industriel acier inox 304 –fermeture 45°

Boccola in AISI 304 per raccordo industriale - chiusura 45°



DN	Ø INT. Ø INNER	Referencia Part n°
25	42.5	**ZCA025**
32	47	**ZCA032**
40	55	**ZCA040**
50	64	**ZCA050**
65	79	**ZCA065**
80	98	**ZCA080**
100	120	**ZCA100**

Abrazadera EN 14420-3 inox para racor industrial

Stainless Steel clamp for industrial fitting EN14420-3

Collier pour raccord industriel acier inox EN 14420-3

Collare Inox EN 14420-3 per raccordo industriale



Ø MANGUERA Ø HOSE	Ø INT. Ø INNER	Referencia Part n°
12	21-25	**ZAB01021025**
19	29-33	**ZAB01029033**
25	36-39	**ZAB01035039**
32	42-46	**ZAB01042046**
38	47-51	**ZAB01047051**
38	49-53	**ZAB01049053**
38	52-56	**ZAB01052056**
38	58-62	**ZAB01058062**
50	60-64	**ZAB01060064**
50	63-67	**ZAB01063067**
50	68-72	**ZAB01068072**
63	74-77	**ZAB01074077**
63	77-81	**ZAB01077081**
75	87-90	**ZAB01087090**
75	89-94	**ZAB01089094**
80	94-98	**ZAB01094098**
100	114-119	**ZAB01114119**

Abrazadera alta presión W4 inox

Stainless steel high pressure clamp W4

Collier haute pression W4 acier inox.

Collare Inox W4 alta pressione



Ø INT. Ø INNER	Referencia Part n°
17-19	**ZAB02017019**
20-22	**ZAB02020022**
23-25	**ZAB02023025**
26-28	**ZAB02026028**
29-31	**ZAB02029031**
32-35	**ZAB02032035**
36-39	**ZAB02036039**
40-43	**ZAB02040043**
44-47	**ZAB02044047**
48-51	**ZAB02048051**
52-55	**ZAB02052055**
56-59	**ZAB02056059**
60-63	**ZAB02060063**
64-67	**ZAB02064067**
68-73	**ZAB02068073**
74-79	**ZAB02074079**
80-85	**ZAB02080085**
86-91	**ZAB02086091**
92-97	**ZAB02092097**
98-103	**ZAB02098103**
104-112	**ZAB02104112**
113-121	**ZAB02113121**
122-130	**ZAB02122130**
131-139	**ZAB02131139**
140-148	**ZAB02140148**
149-161	**ZAB02149161**
162-174	**ZAB02162174**
175-187	**ZAB02175187**
188-200	**ZAB02188200**

Racores baja presión 150 LBS

Screw low pressure fittings 150 LBS
Raccords basse pression 150 LBS
Raccordi bassa pressione 150 LBS

Macho fijo espiga FIG.399

Nipple fixed male fig.399

Mâle fixe nipple fig. 399 inox

FIG. 399 - Maschio portagomma



ROSCA THREAD	DN	Referencia Part n°
1/4"	10	ZFIG39904
3/8"	12	ZFIG39906
1/2"	15	ZFIG39908
3/4"	20	ZFIG39912
1"	25	ZFIG39916
1" 1/4	32	ZFIG39920
1" 1/2	40	ZFIG39924
2"	52	ZFIG39932

Unión macho-macho FIG.150

Union male-male fig.150

Union mâle-mâle fig.150 inox

FIG. 150 - Barilotto maschio - maschio



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG15004
3/8"	ZFIG15006
1/2"	ZFIG15008
3/4"	ZFIG15012
1"	ZFIG15016
1" 1/4	ZFIG15020
1" 1/2	ZFIG15024
2"	ZFIG15032

Tapón macho hexagonal FIG.290

Hexagon male plug FIG.290

Bouchon mâle 150 LBS tête hexagonale FIG.290

FIG. 290 - Tappo maschio testa esagonale



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG29002
1/4"	ZFIG29004
3/8"	ZFIG29006
1/2"	ZFIG29008
3/4"	ZFIG29012
1"	ZFIG29016
1"1/4	ZFIG29020
1"1/2	ZFIG29024
2"	ZFIG29032
2"1/2	ZFIG29040
3"	ZFIG29048
4"	ZFIG29060

Adaptador hexagonal FIG.280

Hexagon nipple FIG.280

Mamelon hexagonal 150 LBS FIG.280

FIG. 280 - Nipples maschio - maschio



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG28004
3/8"	ZFIG28006
1/2"	ZFIG28008
3/4"	ZFIG28012
1"	ZFIG28016
1"1/4	ZFIG28020
1"1/2	ZFIG28024
2"	ZFIG28032
2"1/2	ZFIG28040
3"	ZFIG28048
4"	ZFIG28060

Reducción macho-macho FIG.245

Reducer male-male fig. 245

Réduction mâle-mâle fig. 245 inox

FIG. 245 - Nipples di riduzione maschio - maschio



ROSCA THREAD		Referencia Part n°	
1/4"	1/8"	ZFIG2450402	
3/8"	1/4"	ZFIG2450604	
1/2"	1/4"	ZFIG2450804	
1/2"	3/8"	ZFIG2450806	
3/4"	3/8"	ZFIG2451206	
3/4"	1/2"	ZFIG2451208	
1"	1/2"	ZFIG2451608	
1"	3/4"	ZFIG2451612	
1" 1/4	3/4"	ZFIG2452012	
1" 1/4	1"	ZFIG2452016	2
1" 1/2	1"	ZFIG2452416	7
1"1/2	1" 1/4	ZFIG2452420	1
2"	1" 1/4	ZFIG2453220	4
2"	1" 1/2	ZFIG2453224	3
2" 1/2	2"	ZFIG2454032	8
3"	2" 1/2	ZFIG2454840	3

Tuerca plana FIG.312

Flat nut fig.312

Écrou plat fig.312 inox

FIG. 312 - Dado piano



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG31204
3/8"	ZFIG31206
1/2"	ZFIG31208
3/4"	ZFIG31212
1"	ZFIG31216
1" 1/4	ZFIG31220
1" 1/2	ZFIG31224
2"	ZFIG31232

Racores baja presión 150 LBS

Screw low pressure fittings 150 LBS
Raccords basse pression 150 LBS
Raccordi bassa pressione 150 LBS

Tapón hembra hexagonal FIG.300

Hexagon female cap. FIG.300

Bouchon femelle hexagonal 150 LBS FIG.300

FIG. 300 - Tappo esagonale femmina fissa



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG30002
1/4"	ZFIG30004
3/8"	ZFIG30006
1/2"	ZFIG30008
3/4"	ZFIG30012
1"	ZFIG30016
1"1/4	ZFIG30020
1"1/2	ZFIG30024
2"	ZFIG30032
2"1/2	ZFIG30040
3"	ZFIG30048
4"	ZFIG30060

Tapón hembra redondo FIG.301

Round female cap. FIG.301

Bouchon femelle ronde 150 LBS FIG.301

FIG. 301 - Tappo rotondo femmina fissa



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG30102
1/4"	ZFIG30104
3/8"	ZFIG30106
3/4"	ZFIG30112
1"	ZFIG30116
1"1/4	ZFIG30120
1"1/2	ZFIG30124
2"	ZFIG30132
2"1/2	ZFIG30140
3"	ZFIG30148
4"	ZFIG30160

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

Adaptador hembra BSP DIN 2986 FIG.270

BSP Female coupling DIN 2986 FIG.270

Manchon femelle gaz DIN 2986 150 LBS FIG.270

FIG. 270 - Manicotto femmina-femmina DIN 2986



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG27004
3/8"	ZFIG27006
1/2"	ZFIG27008
3/4"	ZFIG27012
1"	ZFIG27016
1"1/4	ZFIG27020
1"1/2	ZFIG27024
2"	ZFIG27032
2"1/2	ZFIG27040
3"	ZFIG27048
4"	ZFIG27060

Reductor macho-hembra FIG.241

Male-female reducer FIG.241

Réduction 150 LBS MG - FG FIG.241

FIG. 241 - Riduzione maschio - femmina fissa



ROSCA THREAD	R2		Referencia Part n°
1/8"	1/4"		ZFIG2410204
1/4"	3/8"		ZFIG2410406
1/4"	1/2"		ZFIG2410408
3/8"	1/2"		ZFIG2410608
1/2"	3/4"		ZFIG2410812
3/4"	1"		ZFIG2411216
3/4"	1"1/4	NEW	ZFIG2411220
1"	1"1/4		ZFIG2411620
1"	1" 1/2		ZFIG2411624
1"1/4	1"1/2		ZFIG2412024
1"1/2	2"		ZFIG2412432
2"	2"1/2		ZFIG2413240
2"1/2	3"		ZFIG2414048
3"	4"		ZFIG2414860

Tapón macho cuadrado FIG.291

Male square plug FIG.291

Bouchon mâle 150 LBS tête carrée FIG.291

FIG. 291 - Tappo maschio con testa quadrata



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG29102
1/4"	ZFIG29104
3/8"	ZFIG29106
1/2"	ZFIG29108
3/4"	ZFIG29112
1"	ZFIG29116
1"1/4	ZFIG29120
1"1/2	ZFIG29124
2"	ZFIG29132
2"1/2	ZFIG29140
3"	ZFIG29148
4"	ZFIG29160

Tubo roscado FIG.531

Threaded pipe fig. 531

Tube fileté fig. 531 inox

FIG. 531 - Tubo filettato



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG53104
3/8"	ZFIG53106
1/2"	ZFIG53108
3/4"	ZFIG53112
1"	ZFIG53116
1" 1/4	ZFIG53120
1" 1/2	ZFIG53124
2"	ZFIG53132

Racores baja presión 150 LBS

Screw low pressure fittings 150 LBS
Raccords basse pression 150 LBS
Raccordi bassa pressione 150 LBS

Reducción hembra-hembra FIG.240

Female-female Reducer socket FIG.240

Réduction Femelle-femelle 150 LBS FIG.240

FIG. 240 - Riduzione femmina-femmina



ROSCA THREAD	R2	Referencia Part n°
1/4"	1/8"	ZFIG2400402
3/8"	1/4"	ZFIG2400604
1/2"	3/8"	ZFIG2400806
3/4"	1/2"	ZFIG2401208
1"	3/4"	ZFIG2401612
1"1/4	1"	ZFIG2402016
1"1/2	1"1/4	ZFIG2402420
2"	1"1/2	ZFIG2403224
2"1/2	2"	ZFIG2404032
3"	2"	ZFIG2404832
3"	2"1/2	ZFIG2404840
4"	2"	ZFIG2406032

Codo 90° hembra-hembra FIG.090

Female-female elbow 90° FIG.090

Coude 90° 150 LBS femelle gaz FIG.090

FIG. 090 - Adattatore 90° femmina fissa



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG09002
1/4"	ZFIG09004
3/8"	ZFIG09006
1/2"	ZFIG09008
3/4"	ZFIG09012
1"	ZFIG09016
1"1/4	ZFIG09020
1"1/2	ZFIG09024
2"	ZFIG09032
2"1/2	ZFIG09040
3"	ZFIG09048
4"	ZFIG09060

Codo 45° hembra-hembra FIG.120

Female-female elbow 45° FIG.120

Coude 45° 150 LBS FG - FG FIG.120

FIG. 120 - Adattatore 45° femmina fissa



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG12002
1/4"	ZFIG12004
3/8"	ZFIG12006
1/2"	ZFIG12008
3/4"	ZFIG12012
1"	ZFIG12016
1"1/4	ZFIG12020
1"1/2	ZFIG12024
2"	ZFIG12032
2"1/2	ZFIG12040
3"	ZFIG12048
4"	ZFIG12060

Codo 90° macho-hembra FIG.092

Male-female elbow 90° FIG.092

Coude 90° 150 LBS MG - FG FIG.092

FIG. 092 - Adattatore 90° maschio - femmina



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG09202
1/4"	ZFIG09204
3/8"	ZFIG09206
1/2"	ZFIG09208
3/4"	ZFIG09212
1"	ZFIG09216
1"1/4	ZFIG09220
1"1/2	ZFIG09224
2"	ZFIG09232
2"1/2	ZFIG09240
3"	ZFIG09248
4"	ZFIG09260

TE hembra-hembra-hembra FIG.130

Female-female TEE FIG.130

TÉS 150 LBS FG - FG - FG FIG.130

FIG. 130 - Adattatore a T femmina fissa



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG13002
1/4"	ZFIG13004
3/8"	ZFIG13006
1/2"	ZFIG13008
3/4"	ZFIG13012
1"	ZFIG13016
1"1/4	ZFIG13020
1"1/2	ZFIG13024
2"	ZFIG13032
2"1/2	ZFIG13040
3"	ZFIG13048
4"	ZFIG13060

Cruz roscada FIG.180

Threaded cross FIG.180

Croix égale 150 LBS FG FIG.180

FIG. 180 - Adattatore a croce femmina fissa



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG18002
1/4"	ZFIG18004
3/8"	ZFIG18006
1/2"	ZFIG18008
3/4"	ZFIG18012
1"	ZFIG18016
1"1/4	ZFIG18020
1"1/2	ZFIG18024
2"	ZFIG18032
2"1/2	ZFIG18040
3"	ZFIG18048
4"	ZFIG18060

Racores baja presión 150 LBS

Screw low pressure fittings 150 LBS
Raccords basse pression 150 LBS
Raccordi bassa pressione 150 LBS

Unión 3 piezas hembra-hembra FIG.340

Female-female FIG.340

Union 3 pièces 150 LBS FG - FG FIG.340

FIG. 340 - Unione 3 pezzi femmina - femmina



ROSCA THREAD	Referencia Part n°
1/8"	ZFIG34002
1/4"	ZFIG34004
3/8"	ZFIG34006
1/2"	ZFIG34008
3/4"	ZFIG34012
1"	ZFIG34016
1"1/4	ZFIG34020
1"1/2	ZFIG34024
2"	ZFIG34032
2"1/2	ZFIG34040
3"	ZFIG34048
4"	ZFIG34060

Unión 3 piezas macho-hembra FIG.341

Male-female union FIG.341

Union 3 pièces 150 LBS MG - FG FIG.341

FIG. 341 - Unione 3 pezzi maschio - a saldare



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG34104
3/8"	ZFIG34106
1/2"	ZFIG34108
3/4"	ZFIG34112
1"	ZFIG34116
1"1/4	ZFIG34120
1"1/2	ZFIG34124
2"	ZFIG34132
2"1/2	ZFIG34140
3"	ZFIG34148
4"	ZFIG34160

Macho soldar FIG.149

Welding male fig.149

Mâle à souder fig.149 inox

FIG. 149 - maschio a saldare



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG14904
3/8"	ZFIG14906
1/2"	ZFIG14908
3/4"	ZFIG14912
1"	ZFIG14916
1" 1/4	ZFIG14920
1" 1/2	ZFIG14924
2"	ZFIG14932

Unión 3 piezas hembra-soldar FIG.340HS microfundido

Union 3 fem. welding pieces fig.340hs micro-casting

Union 3 pcs fem. à souder fig.340hs acier moulé

FIG. 340HS - Unione 3 pezzi femmina - a saldare (microfusione)



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG34004HS
3/8"	ZFIG34006HS
1/2"	ZFIG34008HS
3/4"	ZFIG34012HS
1"	ZFIG34016HS
1" 1/4	ZFIG34020HS
1" 1/2	ZFIG34024HS
2"	ZFIG34032HS

Unión 3 piezas soldar FIG.340S microfundid

Union 3 welding pieces fig. 340s micro-casting

Union 3 pièces à souder fig. 340s acier moulé

FIG. 340S - Unione 3 pezzi a saldare (microfusione)



DN	Referencia Part n°
1/4"	ZFIG34004S
3/8"	ZFIG34006S
1/2"	ZFIG34008S
3/4"	ZFIG34012S
1"	ZFIG34016S
1" 1/4	ZFIG34020S
1" 1/2	ZFIG34024S
2"	ZFIG34032S

Unión 3 piezas macho-soldar FIG.341MS mi

Union 3 welding male pieces fig.341ms micro-casting

Union 3 pcs mâle à souder fig.341ms acier moulé

FIG. 341MS - Unione 3 pezzi maschio - a saldare (microfusione)



ROSCA THREAD	Referencia Part n°
1/4"	ZFIG34104MS
3/8"	ZFIG34106MS
1/2"	ZFIG34108MS
3/4"	ZFIG34112MS
1"	ZFIG34116MS
1" 1/4	ZFIG34120MS
1" 1/2	ZFIG34124MS
2"	ZFIG34132MS

Racores baja presión 150 LBS

Screw low pressure fittings 150 LBS
Raccords basse pression 150 LBS
Raccordi bassa pressione 150 LBS

Válvula esfera paso total baja presión 3 piezas

Ball-valve low pressure full bore 3 pcs

Robinet basse pression 2 voies boisseau sphérique passage total 3 pcs

Rubinetto a sfera bassa pressione 3 pcs



ROSCA THREAD	Referencia Part n°
1/4" BSP	**BP2V3P14INOX**
3/8" BSP	**BP2V3P38INOX**
1/2" BSP	**BP2V3P12INOX**
3/4" BSP	**BP2V3P34INOX**
1" BSP	**BP2V3P1INOX**
1" 1/4 BSP	**BP2V3P114INOX**
1" 1/2 BSP	**BP2V3P112INOX**
2" BSP	**BP2V3P2INOX**

Válvula esfera paso total baja presión 64 Bar

Ball-valve low pressure full bore 64 Bar

Robinet basse pression 2 voies boisseau sphérique passage total 64 Bar

Rubinetto a sfera bassa pressione passaggio totale 64 Bar

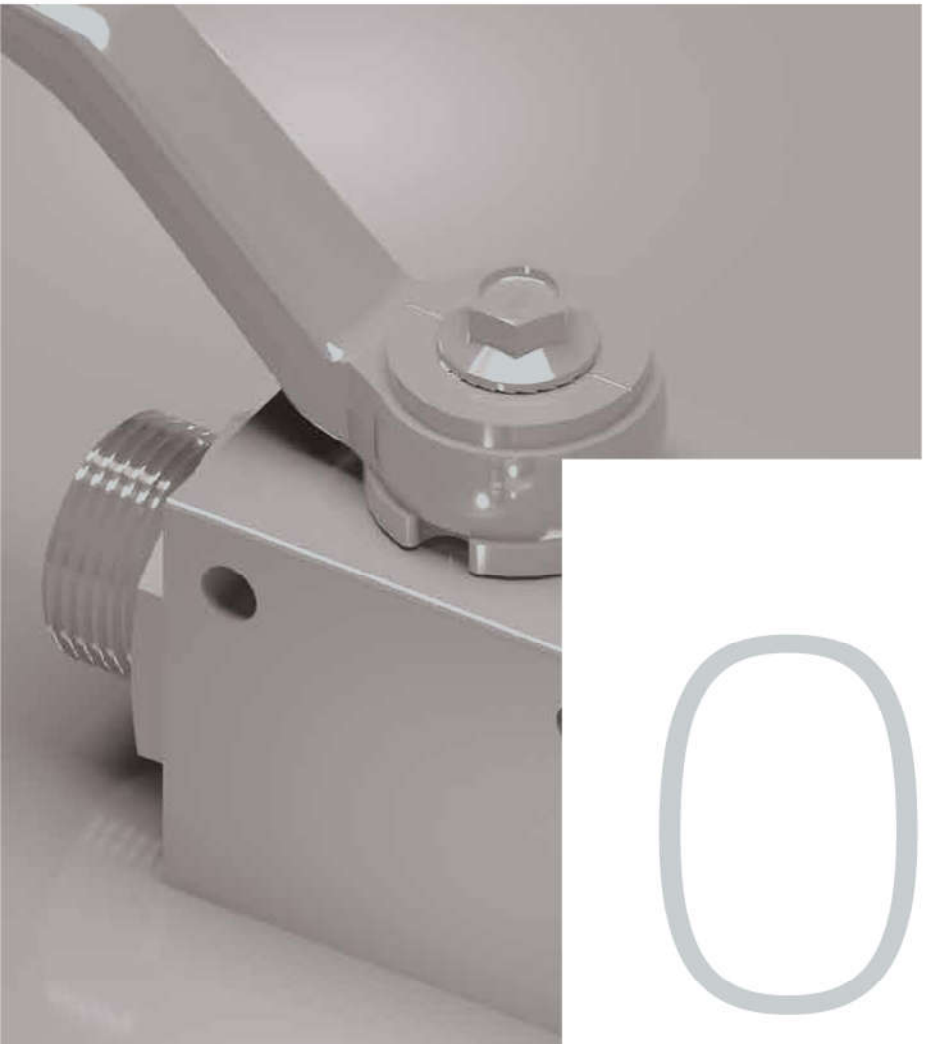


ROSCA THREAD	DN	Referencia Part n°
1/4" BSP	8	**BP2V14INOX**
3/8" BSP	10	**BP2V38INOX**
1/2" BSP	15	**BP2V12INOX**
3/4" BSP	20	**BP2V34INOX**
1" BSP	25	**BP2V1INOX**
1"1/4 BSP	32	**BP2V114INOX**
1"1/2 BSP	40	**BP2V112INOX**
2" BSP	50	**BP2V2INOX**
2"1/2 BSP	65	**BP2V212INOX**
3" BSP	80	**BP2V3INOX**

Enchufes rápidos AISI 316 239
Quick couplings AISI 316
Coupleurs rapides AISI 316
Innesti rapidi AISI 316

Llaves de paso AISI 316 242
Ball valves AISI 316
Robinets AISI 316
Rubinetti AISI 316

Racores giratorios AISI 316 TrΔle® 245
Swivel fittings AISI 316 TrΔle®
Raccords tournants AISI 316 TrΔle®
Giunti girevole AISI 316 TrΔle®





07

ACCESORIOS

Accessories

Accessoires

Accessori

Enchufes rápidos AISI 316

Quick couplings AISI 316
Coupleurs rapides AISI 316
Innesti rapidi AISI 316

Enchufes rápidos ▪ Quick couplings ▪ Quick release couplings ▪ Innesti rapidi | 239


Z8001/Z8002


Z8201/Z8202


Z8008/Z8009


Z8301/Z8302


Z9001/Z9002


Z7111/Z7112


Z9051/Z9052

Enchufes rápidos TrΔle® ▪ Quick couplings TrΔle® ▪ Coupleurs rapides TrΔle® ▪ Innesti rapidi TrΔle® | 241


ZB820


ZB800


ZB830


ZB801


ZB811


ZB900

Llaves de paso AISI 316

Ball valves AISI 316
Robinets AISI 316
Rubinetti AISI 316

Llaves de paso ▪ Ball valves ▪ Robinets ▪ Rubinetti | 242



MKH G MKH_L MKH_S MKH G_DN MKH_L_DN MKH_S_DN MK3A-G

Llave 2 vías TrΔle® ▪ 2 ways TrΔle® ball valve ▪ Robinet 2 voies TrΔle® ▪ Rubinetto a sfera TrΔle® | 244



ZGB2V ZGB2V NPT ZGB2V L ZGB2V S

Llave 3 vías TrΔle® ▪ 3 ways TrΔle® ball valve ▪ Robinet 3 voies TrΔle® ▪ Rubinetto a sfera TrΔle® | 244



ZGB3VH

Manetas ▪ Handles ▪ Leviers ▪ Manopole | 244



Z60013

Racores giratorios AISI 316 TrΔle®

Swivel fittings AISI 316 TrΔle®
Raccords tournants AISI 316 TrΔle®
Giunti girevole AISI 316 TrΔle®



Z GGL



Z GG90

Enchufes rápidos AISI 316

Quick couplings AISI 316
Coupleurs rapides AISI 316
Innesti rapidi AISI 316

Enchufes de punzón ISO 7241-B

Quick coupling ISO 7241-B

Coupleurs rapides à clapet ISO 7241-B

Innesto rapido ISO-B (ISO 7241-B)



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/4" BSP	6,3	1	M	**Z800104**
3/8" BSP	10	2	M	**Z800106**
1/2" BSP	12,5	3	M	**Z800108**
3/4" BSP	20	4	M	**Z800112**
1" BSP	25	5	M	**Z800116**
1"1/4 BSP	40	7	M	**Z800120**
1"1/2 BSP	40	7	M	**Z800124**
2" BSP	50	8	M	**Z800132**
1/4" BSP	6,3	1	H	**Z800204**
3/8" BSP	10	2	H	**Z800206**
1/2" BSP	12,5	3	H	**Z800208**
3/4" BSP	20	4	H	**Z800212**
1" BSP	25	5	H	**Z800216**
1"1/4 BSP	40	7	H	**Z800220**
1"1/2 BSP	40	7	H	**Z800224**
2" BSP	50	8	H	**Z800232**

Enchufes de punzón 7241-A

Quick coupling 7241-A

Coupleurs rapides à clapet 7241-A

Innesto rapido ISO-A (ISO 7241-A)



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
3/8" BSP	10	2	M	**Z820106**
1/2" BSP	12,5	3	M	**Z820108**
3/4" BSP	20	4	M	**Z820112**
1" BSP	25	5	M	**Z820116**
1"1/4 BSP	31,5	6	M	**Z820120**
1"1/2 BSP	40	7	M	**Z820124**
2" BSP	50	8	M	**Z820132**
3/8" BSP	10	2	H	**Z820206**
1/2" BSP	12,5	3	H	**Z820208**
3/4" BSP	20	4	H	**Z820212**
1" BSP	25	5	H	**Z820216**
1"1/4 BSP	31,5	6	H	**Z820220**
1"1/2 BSP	40	7	H	**Z820224**
2" BSP	50	8	H	**Z820232**

Enchufes autoroscantes ISO 14541

Quick screw couplings ISO 14541

Coupleur rapide à visser filetage ISO 14541

Innesti rapidi a vite ISO 14541



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/4" BSP	6,3	1	M	**Z800804**
3/8" BSP	10	2	M	**Z800806**
1/2" BSP	12,5	3	M	**Z800808**
3/4" BSP	20	4	M	**Z800812**
1" BSP	25	5	M	**Z800816**
1"1/4 BSP	40	7	M	**Z800820**
1"1/2 BSP	40	7	M	**Z800824**
1/4" BSP	6,3	1	H	**Z800904**
3/8" BSP	10	2	H	**Z800906**
1/2" BSP	12,5	3	H	**Z800908**
3/4" BSP	20	4	H	**Z800912**
1" BSP	25	5	H	**Z800916**
1"1/4 BSP	40	7	H	**Z800920**
1"1/2 BSP	40	7	H	**Z800924**

Enchufes paso total 7241-B

Quick coupling free flow 7241-B

Coupleurs rapides passage total 7241-B

Innesto rapido ISO-B a passaggio libero



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/8" BSP	5	0	M	**Z830102**
1/4" BSP	6,3	1	M	**Z830104**
3/8" BSP	10	2	M	**Z830106**
1/2" BSP	12,5	3	M	**Z830108**
3/4" BSP	20	4	M	**Z830112**
1" BSP	25	5	M	**Z830116**
1"1/4 BSP	40	7	M	**Z830120**
1"1/2 BSP	40	7	M	**Z830124**
2" BSP	50	8	M	**Z830132**
1/8" BSP	5	0	H	**Z830202**
1/4" BSP	6,3	1	H	**Z830204**
3/8" BSP	10	2	H	**Z830206**
1/2" BSP	12,5	3	H	**Z830208**
3/4" BSP	20	4	H	**Z830212**
1" BSP	25	5	H	**Z830216**
1"1/4 BSP	40	7	H	**Z830220**
1"1/2 BSP	40	7	H	**Z830224**
2" BSP	50	8	H	**Z830232**

Enchufes rápidos AISI 316

Quick couplings AISI 316
Coupleurs rapides AISI 316
Innesti rapidi AISI 316

Enchufes de válvula plana ISO16028

Flat face quick coupling ISO16028

Coupleurs à clapet face plane ISO16028

Innesto rapido faccia piana ISO16028



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/4" BSP	6,3	1	M	**Z900104**
3/8" BSP	10	2	M	**Z900106**
1/2" BSP	12,5	3	M	**Z900108**
3/4" BSP	16	4A	M	**Z900112**
1" BSP	19	4	M	**Z900116**
1"1/4 BSP	25	5	M	**Z900120**
1"1/2 BSP	38	7	M	**Z900124**
2" BSP	51	8	M	**Z900132**
1/4" BSP	6,3	1	H	**Z900204**
3/8" BSP	10	2	H	**Z900206**
1/2" BSP	12,5	3	H	**Z900208**
3/4" BSP	16	4A	H	**Z900212**
1" BSP	19	4	H	**Z900216**
1"1/4 BSP	25	5	H	**Z900220**
1"1/2 BSP	38	7	H	**Z900224**
2" BSP	51	8	H	**Z900232**

Enchufes de bola 700 bar acoplamiento en presión

Quick coupling ball type 700 bar connection u/pressure

Coupleurs rapides à bille 700 bar connexion sous pression

Innesti rapido a sfera 700 bar, connesione in pressione



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
3/8" NPT	10	2	M	**Z711106**
3/8" NPT	10	2	H	**Z711206**

Válvula plana autoroscante acoplamiento en presión

Flat face screw couplings, connection u/pressure

Coupleurs face plane à visser, connexion sous pression

Innesto rapido a vite, faccia piana, innesto in pressione



ROSCA THREAD		TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	Referencia Part n°
3/8" BSP	M30x2	10	2	**Z905106**
1/2" BSP	M36x2	12,5	3	**Z905108**
3/4" BSP	M36x2	16	4A	**Z905112**
1" BSP	M43x3	19	4	**Z905116**
1"1/4 BSP	M48x3	25	5	**Z905120**
1"1/2 BSP	M80x4	40	7	**Z905124**
3/8" BSP	M30X2	10	2	**Z905206**
1/2" BSP	M36X2	12,5	3	**Z905208**
3/4" BSP	M36X2	16	4A	**Z905212**
1" BSP	M43X3	19	4	**Z905216**
1"1/4 BSP	M48X3	25	5	**Z905220**
1"1/2 BSP	M80X4	40	7	**Z905224**

Enchufes rápidos AISI 316

Quick couplings AISI 316
Coupleurs rapides AISI 316
Innesti rapidi AISI 316

TrΔle®

Enchufes TrΔle® 7241-A

Quick couplings 7241-A TrΔle®

Coupleurs 7241-A TrΔle®

Innesto rapido ISO-A (ISO 7241-A) - TrΔle®



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/4" BSP	6,3	1	M	**ZB820104**
3/8" BSP	10	2	M	**ZB820106**
1/2" BSP	12,5	3	M	**ZB820108**
3/4" BSP	20	4	M	**ZB820112**
1" BSP	25	5	M	**ZB820116**
1/4" BSP	6,3	1	H	**ZB820204**
3/8" BSP	10	2	H	**ZB820206**
1/2" BSP	12,5	3	H	**ZB820208**
3/4" BSP	20	4	H	**ZB820212**
1" BSP	25	5	H	**ZB820216**

Enchufes TrΔle® 7241-B

Quick couplings 7241-B TrΔle®

Coupleurs TrΔle® 7241-B

Innesto rapido ISO-B (ISO 7241-B) - TrΔle®



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/8" BSP	5	0	M	**ZB800102**
1/4" BSP	6,3	1	M	**ZB800104**
3/8" BSP	10	2	M	**ZB800106**
1/2" BSP	12,5	3	M	**ZB800108**
3/4" BSP	20	4	M	**ZB800112**
1" BSP	25	5	M	**ZB800116**
1/8" BSP	5	0	H	**ZB800202**
1/4" BSP	6,3	1	H	**ZB800204**
3/8" BSP	10	2	H	**ZB800206**
1/2" BSP	12,5	3	H	**ZB800208**
3/4" BSP	20	4	H	**ZB800212**
1" BSP	25	5	H	**ZB800216**

Enchufes Paso Total TrΔle® 7241-B

Quick couplings free flow TrΔle® 7241-B

Coupleurs passage total TrΔle® 7241-B

Innesto rapido ISO-B a passaggio libero - TrΔle®



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/4" BSP	6,3	1	M	**ZB830104**
3/8" BSP	10	2	M	**ZB830106**
1/2" BSP	12,5	3	M	**ZB830108**
3/4" BSP	20	4	M	**ZB830112**
1" BSP	25	5	M	**ZB830116**
1/4" BSP	6,3	1	H	**ZB830204**
3/8" BSP	10	2	H	**ZB830206**
1/2" BSP	12,5	3	H	**ZB830208**
3/4" BSP	20	4	H	**ZB830212**
1" BSP	25	5	H	**ZB830216**

Enchufes NPT TrΔle® 7241-A

Quick couplings 7241-A NPT TrΔle®

Coupleurs 7241-A NPT TrΔle®

Innesto rapido ISO-A (ISO 7241-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	**ZB801104**
3/8" NPT	10	2	M	**ZB801106**
1/2" NPT	12,5	3	M	**ZB801108**
3/4" NPT	20	4	M	**ZB801112**
1" NPT	25	5	M	**ZB801116**
1/4" NPT	6,3	1	H	**ZB801204**
3/8" NPT	10	2	H	**ZB801206**
1/2" NPT	12,5	3	H	**ZB801208**
3/4" NPT	20	4	H	**ZB801212**
1" NPT	25	5	H	**ZB801216**

Enchufes NPT TrΔle® 7241-B

Quick couplings 7241-B NPT TrΔle®

Coupleurs 7241-B NPT TrΔle®

Innesto rapido ISO-B (ISO 7241-B) NPT - TrΔle®



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/4" NPT	6,3	1	M	**ZB811104**
3/8" NPT	10	2	M	**ZB811106**
1/2" NPT	12,5	3	M	**ZB811108**
3/4" NPT	20	4	M	**ZB811112**
1" NPT	25	5	M	**ZB811116**
1/4" NPT	6,3	1	H	**ZB811204**
3/8" NPT	10	2	H	**ZB811206**
1/2" NPT	12,5	3	H	**ZB811208**
3/4" NPT	20	4	H	**ZB811212**
1" NPT	25	5	H	**ZB811216**

Enchufes de válvula plana ISO16028 TrΔle®

Flat face quick coupling ISO16028 TrΔle®

Coupleurs à clapet face plane ISO16028 TrΔle®

Innesto rapido faccia piana ISO16028 - TrΔle®



ROSCA THREAD	TAMAÑO ISO ISO SIZE	TAMAÑO BG BG SIZE	E. C.	Referencia Part n°
1/4" BSP	6	1	M	**ZB900104**
3/8" BSP	10	2	M	**ZB900106**
1/2" BSP	12	3	M	**ZB900108**
3/4" BSP	16	4A	M	**ZB900112**
1" BSP	19	4	M	**ZB900116**
1/4" BSP	6	1	H	**ZB900204**
3/8" BSP	10	2	H	**ZB900206**
1/2" BSP	12	3	H	**ZB900208**
3/4" BSP	16	4A	H	**ZB900212**
1" BSP	19	4	H	**ZB900216**

Llaves de paso AISI 316

Ball valves AISI 316
Robinets AISI 316
Rubinetti AISI 316

Llave 2 vías rosca hembra BSP

2 Way ball-valves BSP female ISO 228

Robinet haute pression 2 voies boisseau sphérique femelle BSP

Rubinetto a sfera femmina - femmina BSP



DN	ROSCA THREAD	Referencia Part n°
4	1/8" BSP	**MKH G 1/8**
6	1/4" BSP	**MKH G 1/4**
10	3/8" BSP	**MKH G 3/8**
13	1/2"BSP	**MKH G 1/2**
16	5/8" BSP	**MKH G 5/8***
20	3/4" BSP	**MKH G 3/4**
25	1" BSP	**MKH G 1**
25	1" 1/4 BSP	**MKH G 1 1/4 DN25**
25	1"1/2 BSP	**MKH G 1 1/2 DN25**

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

Llave 2 vías tubo rígido serie ligera

2 Way ball-valves: tube connection serie L DIN 2353

Robinet haute pression 2 voies boisseau sphérique pour tube rigide série légère

Rubinetto a sfera maschio DIN 2353 - L -



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
4	6 L	M12X1,5	**MKH 6 L**
6	8 L	M14X1,5	**MKH 8 L**
8	10 L	M16X1.5	**MKH 10 L**
10	12 L	M18X1.5	**MKH 12 L**
13	15 L	M22X1.5	**MKH 15 L**
16	18 L	M26X1.5	**MKH 18 L**
20	22 L	M30X2	**MKH 22 L**
25	28 L	M36X2	**MKH 28 L**
25/32	35 L	M45X2	**MKH 35 L**
25/40	42 L	M52X2	**MKH 42 L**

Llave 2 vías tubo rígido serie pesada

2 Way ball-valves: tube connection serie S DIN 2353

Robinet haute pression 2 voies boisseau sphérique pour tube rigide série lourde

Rubinetto a sfera maschio DIN 2353 - S -



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
4	8 S	M16X1.5	**MKH 8 S**
6	10 S	M18X1.5	**MKH 10 S**
8	12 S	M20X1.5	**MKH 12 S**
10	14 S	M22X1.5	**MKH 14 S**
13	16 S	M24X1.5	**MKH 16 S**
13	20 S	M30X2	**MKH 20 S DN13**
16	20 S	M30X2	**MKH 20 S**
25	30 S	M42X2	**MKH 30 S**
20	25 S	M36X2	**MKH 25 S**
25/32	38 S	M52X2	**MKH 38 S**

Llave 2 vías rosca hembra BSP paso total

Ball-valves BSP female

Robinet haute pression 2 voies boisseau sphérique femelle

Rubinetto a sfera femmina - femmina BSP



DN	ROSCA THREAD	Referencia Part n°
32	1" 1/4 BSP	**MKH G 1 1/4 DN32**
50	2" BSP	**MKH G 2 DN50**

Llave 2 vías tubo rígido L paso total

Ball-valves: tube connection serie L DIN 2353 full bore

Robinet haute pression 2 voies boisseau sphérique Métrique série légère passage total

Rubinetto a sfera maschio DIN 2353 - L -



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
35	35 L	M45X2	**MKH 35 L DN35**

Llave 2 vías tubo rígido S paso total

Ball-valves: tube connection serie S DIN 2353 full bore

Robinet haute pression 2 voies boisseau sphérique Métrique série légère passage total

Rubinetto a sfera maschio DIN 2353 - S -



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
32	38 S	M52x2	**MKH 38 S DN32**

Llave 3 vías hembra - hembra - hembra BSP paso en

3 Way ball-valve female BSP L flow

Robinet haute pression 3 voies boisseau sphérique femelle BSP passage en L

Rubinetto a sfera 3 vie femmina BSP passaggio in L

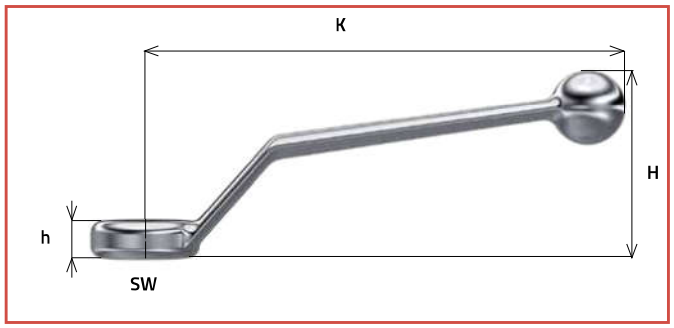


DN	ROSCA THREAD	Referencia Part n°
4	1/8"BSP	**MK3A-G 1/8**
6	1/4"BSP	**MK3A-G 1/4**
10	3/8"BSP	**MK3A-G 3/8**
13	1/2"BSP	**MK3A-G 1/2**
20	3/4"BSP	**MK3A-G 3/4**
25	1"BSP	**MK3A-G 1**
25	1"1/4 BSP	**MK3A-G 1 1/4**
40	1"1/2 BSP	**MK3A-G 1 1/2**

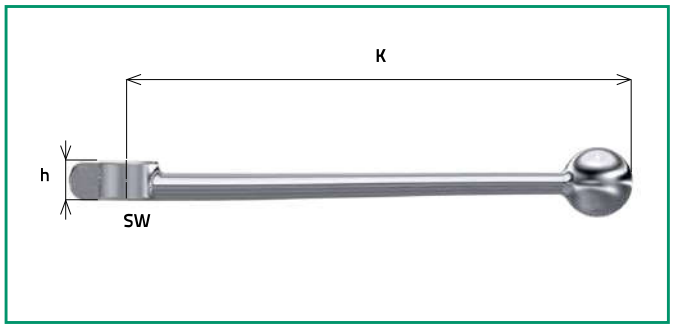
LLAVES DE PASO AISI 316 TRΔLE®

Ball valves AISI 316 TrΔle®
Robinets AISI 316 TrΔle®
Rubinetti AISI 316 TrΔle®

■ Manetas 1
Handles for ball-valves
Leviers pour robinets
Maniglia



■ Manetas 2
Handles for ball-valves
Leviers pour robinets
Maniglia



	SW	Zinc Zinc						Aluminio Aluminum			INOX/SS316L			Acero Steel		
Serie BSP 1/8 - 1/4 - 3/8 - 1/2 - 5/8	9	A60013155330* (1)			AR603722*						Z60013155330 *			C600063*		
Serie DIN 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 5/8	12							L501741* (1)								
Serie DIN 18								H	J	K						
								55	12	160						
Serie BSP 3/4 - 1 - 1 1/4	14	A60013155331* (1)						LR606745 *			Z60013155331*			C708618*		
Serie DIN 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 1 1/4 - 1 1/2 - 2	17							LR801799* (1)			Z60013155332*					
Serie DIN 3 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

Llaves de paso AISI 316

Ball valves AISI 316
Robinets AISI 316
Rubinetti AISI 316

TrΔle®

Llave 2 vías rosca hembra BSP TrΔle®

2 ways ball valve female BSP TrΔle®

Robinet haute pression 2 voies boisseau sphérique femelle BSP TrΔle®

Rubinetto a sfera 2 vie femmina BSP - TrΔle®



DN	ROSCA THREAD	Referencia Part n°
4	1/8" BSP	**ZGB2V 1/8**
6	1/4" BSP	**ZGB2V 1/4**
10	3/8" BSP	**ZGB2V 3/8**
13	1/2"BSP	**ZGB2V 1/2**
20	3/4" BSP	**ZGB2V 3/4**
25	1" BSP	**ZGB2V 1**

Llave 2 vías rosca hembra NPT TrΔle®

2 ways ball valve female NPT TrΔle®

Robinet haute pression 2 voies boisseau sphérique femelle NPT TrΔle®

Rubinetto a sfera 2 vie femmina NPT - TrΔle®



DN	ROSCA THREAD	Referencia Part n°
6	1/4" NPT	**ZGB2V 1/4 NPT**
10	3/8" NPT	**ZGB2V 3/8 NPT**
12	1/2" NPT	**ZGB2V 1/2 NPT**
19	3/4" NPT	**ZGB2V 3/4 NPT**
25	1" NPT	**ZGB2V 1 NPT**

Llave 2 vías tubo rígido serie ligera TrΔle®

2 ways ball valve: tube connector light serie TrΔle®

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide Série légère TrΔle®

Rubinetto a sfera 2 vie maschio DIN2353 (serie L) - TrΔle®



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
6	8 L	M14X1,5	**ZGB2V 8 L**
8	10 L	M16X1.5	**ZGB2V 10 L**
10	12 L	M18X1.5	**ZGB2V 12 L**
13	15 L	M22X1.5	**ZGB2V 15 L**
16	18 L	M26X1.5	**ZGB2V 18 L**
20	22 L	M30X2	**ZGB2V 22 L**
25	28L	M36X2	**ZGB2V 28 L**

Llave 2 vías tubo rígido serie pesada TrΔle®

2 ways ball valve: tube connector heavy serie TrΔle®

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide Série lourde TrΔle®

Rubinetto a sfera 2 vie maschio DIN2353 (serie S) - TrΔle®



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
4	8 S	M16X1.5	**ZGB2V 8 S**
6	10 S	M18X1.5	**ZGB2V 10 S**
8	12 S	M20X1.5	**ZGB2V 12 S**
10	14 S	M22X1.5	**ZGB2V 14 S**
13	16 S	M24X1.5	**ZGB2V 16 S**
16	20 S	M30X2	**ZGB2V 20 S**
20	25 S	M36X2	**ZGB2V 25 S**

Llave 3 vías TrΔle® hembra - hembra - hembra BSP paso en L

3 Way ball-valve female ISO 228

Robinet haute pression 3 voies boisseau sphérique femelle

Rubinetto a sfera 3 vie femmina BSP (passaggio L) - TrΔle®



DN	R1	Referencia Part n°
6	1/4" BSP	**ZGB3VH 1/4**
10	3/8" BSP	**ZGB3VH 3/8**
13	1/2" BSP	**ZGB3VH 1/2**
20	3/4" BSP	**ZGB3VH 3/4**
25	1" BSP	**ZGB3VH 1**

Manetas para llaves de paso

Handles for ball-valves

Leviers pour robinets

Manopole per rubinetti a sfera



TAMAÑO SIZE	Referencia Part n°
HEX9	**Z60013155330**
HEX14	**Z60013155331**
HEX17	**Z60013155332**

Ver tabla de dimensiones en pág 243 / *See dimension table in page 243* / Voir table de dimensions à la page 243 / *Vedere tabella di dimensioni a pagina 243*

Racores giratorios AISI 316 TrΔle®

Swivel fittings AISI 316 TrΔle®
Raccords tournants AISI 316 TrΔle®
Giunti girevole AISI 316 TrΔle®

Racores giratorios rectos TrΔle®

Straight swivel fittings TrΔle®

Raccord tournant droit TrΔle®

Giunto girevole diritto - TrΔle®



ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z GGL 1/4**
3/8" BSP	**Z GGL 3/8**
1/2 ' BSP	**Z GGL 1/2**
3/4" BSP	**Z GGL 3/4**
1" BSP	**Z GGL 1**
1" 1/4 BSP	**Z GGL 1 1/4**
1" 1/2 BSP	**Z GGL 1 1/2**
2" BSP	**Z GGL 2**

Racores giratorios 90° TrΔle®

Elbow 90° swivel female TrΔle®

Raccord tournant coude 90° TrΔle®

Giunto girevole 90° - TrΔle®

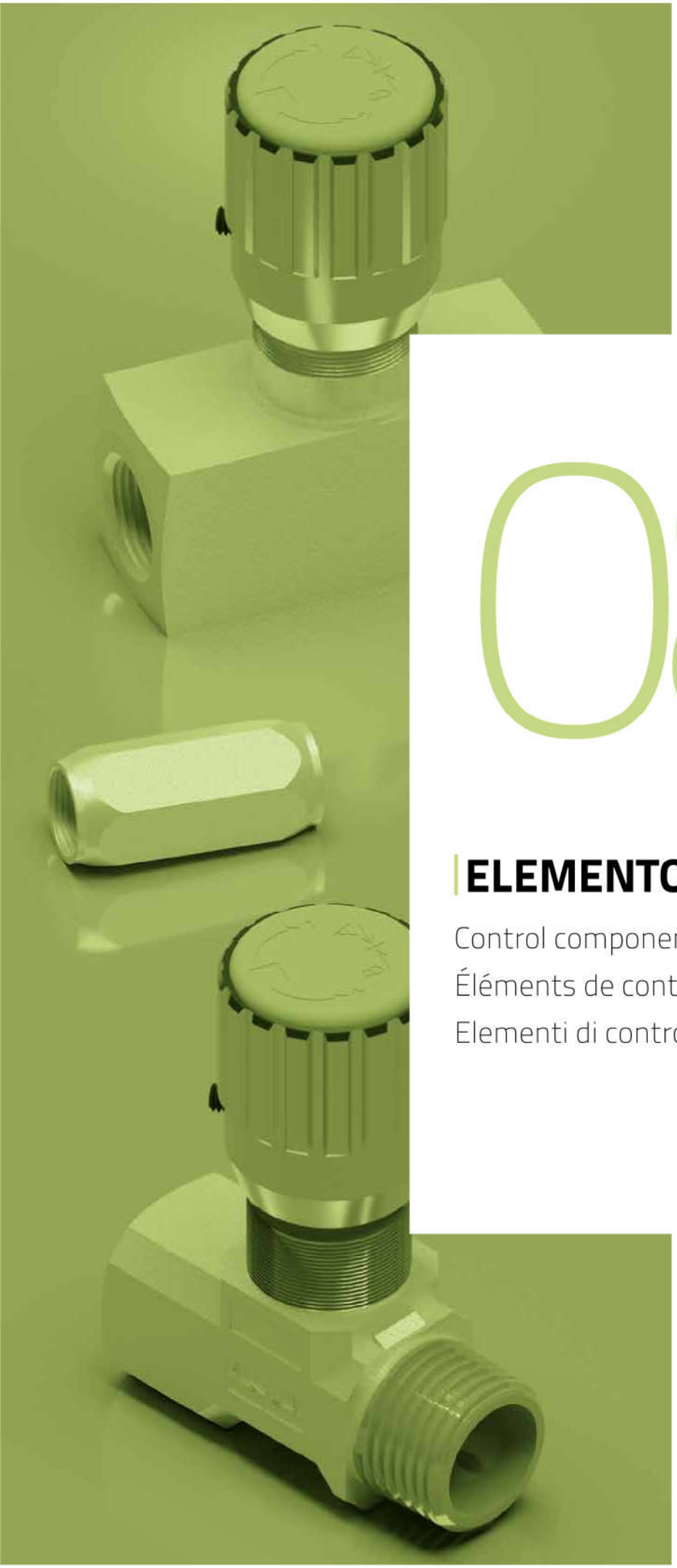


ROSCA THREAD	Referencia Part n°
1/4" BSP	**Z GG90 1/4**
3/8 ' BSP	**Z GG90 3/8**
1/2" BSP	**Z GG90 1/2**
3/4 ' BSP	**Z GG90 3/4**
1" BSP	**Z GG90 1**
1" 1/4 BSP	**Z GG90 1 1/4**
1" 1/2 BSP	**Z GG90 1 1/2**
2 ' BSP	**Z GG90 2**



Componentes hidráulicos AISI 316

Hydraulic Components AISI 316
Composants Hydrauliques AISI 316
Componenti Idraulici AISI 316



08

ELEMENTOS DE CONTROL

Control components

Éléments de contrôle

Elementi di controllo

Componentes hidráulicos AISI 316

Hydraulic Components AISI 316
Composants Hydrauliques AISI 316
Componenti Idraulici AISI 316

Reguladores caudal ▪ Flow control valves ▪ Régulateurs de débit ▪ Regolatori di flusso | 249


ZFT2251B


ZFT2253U


ZFT22512B


ZFT22572B


ZFT22575U

Anti-retornos ▪ Check-valves ▪ Clapet antiretour ▪ Valvole di ritegno | 250


Z FPR

Anti-retornos TrΔle® ▪ Check-valves TrΔle® ▪ Clapet antiretour TrΔle® ▪ Valvole di ritegno TrΔle® | 250


ZVT0

Limitadoras ▪ Relief valves ▪ Limiteurs de pression ▪ Valvole de regolazione | 250


ZLIM

Componentes hidráulicos AISI 316

Hydraulic Components AISI 316
Composants Hydrauliques AISI 316
Componenti Idraulici AISI 316

Regulador caudal forjado bidireccional 350 Bar

Forged bidirectional flow control valve 350 Bar

Régulateur débit bidirectionnel forgé 350 Bar

Regolatore di flusso bidirezionale 350 Bar



ROSCA THREAD		CAUDAL MÁX. MAX. FLOW (l/min)	Referencia Part n°	
1/4" BSP	M17x1	12	**ZFT2251B04**	**1**
3/8" BSP	M20x1	30	**ZFT2251B06**	**4**
1/2" BSP	M25x1,5	45	**ZFT2251B08**	**1**
3/4" BSP	M30x1,5	85	**ZFT2251B12**	**0**

Regulador caudal forjado unidireccional 350 Bar

Forged unidirectional flow control valve 350 Bar

Régulateur débit unidirectionnel forgé 350 Bar

Regolatore di flusso unidirezionale 350 Bar



ROSCA THREAD		CAUDAL MÁX. MAX. FLOW (l/min)	Referencia Part n°
1/4" BSP	M17x1	12	**ZFT2253U04**
3/8" BSP	M20x1	30	**ZFT2253U06**
1/2" BSP	M25x1,5	45	**ZFT2253U08**
3/4" BSP	M30x1,5	85	**ZFT2253U12**

Regulador caudal forjado bidireccional macho/hembra 350 Bar

Forged unidirectional flow control valve male/female 350 Bar

Régulateur débit bidirectionnel forgé mâle/femelle 350 Bar

Regolatore di flusso unidirezionale maschio-femmina 350 Bar



ROSCA THREAD		CAUDAL MÁX. MAX. FLOW (l/min)	Referencia Part n°
1/8" BSP	M15x1	10	**ZFT22512B02**
1/4" BSP	M17x1	13	**ZFT22512B04**
3/8" BSP	M20x1	30	**ZFT22512B06**
1/2" BSP	M25x1,5	60	**ZFT22512B08**
3/4" BSP	M30x1,5	80	**ZFT22512B12**

Regulador caudal bidireccional 400 Bar

Bidirectional flow control valve 400 Bar

Régulateur débit bidirectionnel 400 Bar

Regolatore di flusso bidirezionale 400 bar



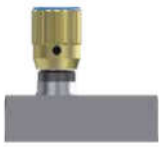
ROSCA THREAD		CAUDAL MÁX. MAX. FLOW (l/min)	Referencia Part n°
1/4" BSP	M20x1	13	**ZFT22572B04**
3/8" BSP	M25x1,5	38	**ZFT22572B06**
1/2" BSP	M30x1,5	50	**ZFT22572B08**
3/4" BSP	M40x1,5	80	**ZFT22572B12**
1" BSP	M50x1,5	190	**ZFT22572B16**
1"1/4 BSP	M50x1,5	195	**ZFT22572B20**
1" 1/2 BSP	M55x2	200	**ZFT22572B24**
2" BSP	M65x2	200	**ZFT22572B32**

Regulador caudal unidireccional 400 Bar

Unidirectional flow control valve 400 Bar

Régulateur débit unidirectionnel 400 Bar

Regolatore di flusso unidirezionale 400 Bar



ROSCA THREAD		CAUDAL MÁX. MAX. FLOW (l/min)	Referencia Part n°
1/8" BSP	M17x1	6	**ZFT22575U02**
1/4" BSP	M20x1	14	**ZFT22575U04**
3/8" BSP	M25x1,5	20	**ZFT22575U06**
1/2" BSP	M30x1,5	45	**ZFT22575U08**
3/4" BSP	M40x1,5	80	**ZFT22575U12**
1" BSP	M50x1,5	180	**ZFT22575U16**
1"1/4 BSP	M50x1,5	200	**ZFT22575U20**
1" 1/2 BSP	M55x2	200	**ZFT22575U24**
2" BSP	M65x2	200	**ZFT22575U32**

Componentes hidráulicos AISI 316

Hydraulic Components AISI 316
Composants Hydrauliques AISI 316
Componenti Idraulici AISI 316

Anti-retorno en línea BSP

NEW

Check-valve line mounting BSP

Clapet antiretour simple en ligne BSP

Valvole di ritegno in linea BSP



ROSCA THREAD	TARAJE (bar) SETTING (bar)	Referencia Part n°
1/4" BSP	0,5	**Z VSR 1/4**
1/4" BSP	2,5	**Z VSR 1/4-2.5**
1/4" BSP	5	**Z VSR 1/4-5**
1/4" BSP	10	**Z VSR 1/4-10**
3/8" BSP	0,5	**Z VSR 3/8**
3/8" BSP	2,5	**Z VSR 3/8-2.5**
3/8" BSP	5	**Z VSR 3/8-5**
3/8" BSP	10	**Z VSR 3/8-10**
1/2" BSP	0,5	**Z VSR 1/2**
1/2" BSP	2,5	**Z VSR 1/2-2.5**
1/2" BSP	5	**Z VSR 1/2-5**
1/2" BSP	10	**Z VSR 1/2-10**
3/4" BSP	0,5	**Z VSR 3/4**
1" BSP	0,5	**Z VSR 1**
1" 1/4 BSP	0,5	**Z VSR 1 1/4**
1" 1/2 BSP	0,5	**Z VSR 1 1/2**

Para otras presiones de tarado estandard, consultar. / *For other standard spring pressures, consult us.* / Pour d'autres pressions ressort standard, consultez-nous. / *Per altre pressioni di taratura standard, consultare.*

Anti-retornos en línea BSP TrΔle®

Check-valve line mounting BSP TrΔle®

Clapet antiretour simple en ligne BSP TrΔle®

Valvole di ritegno in linea BSP - TrΔle®



ROSCA THREAD	TARAJE (bar) SETTING (bar)	Referencia Part n°
1/4" BSP	0,5	**ZVT001004**
3/8" BSP	0,5	**ZVT001006**
1/2" BSP	0,5	**ZVT001008**
3/4" BSP	0,5	**ZVT001012**

Para otras presiones de tarado estandard, consultar. / *For other standard spring pressures, consult us.* / Pour d'autres pressions ressort standard, consultez-nous. / *Per altre pressioni di taratura standard, consultare.*

Limitadoras en línea BSP

Relief valves in line BSP

Limiteurs de pression en ligne BSP

Valvola limitatrice in linea BSP



ROSCA THREAD	CAMPO REG. (bar) REG RATE (bar)	CAUDAL MÁX. MAX. FLOW (l/min)	Referencia Part n°
1/2" BSP	25-100	40	**ZLIM1225100**
1/2" BSP	60-210	40	**ZLIM1260210**
1/2" BSP	100-300	40	**ZLIM12100300**

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PROYECTOS



















PROJECTS

We are involved in key industrial sectors.

Racores de control 257
Test couplings
Prises de pression
Prese di pressione

Conexiones Micro-hose 258
Micro-hose fittings
Embouts Capillaire
Raccordi Micro-tubo

Instrumentos de medición 259
Pressure gauges AISI 316 with glycerin
Manomètre AISI 316 avec glycérine
Manometri AISI 316 a bagno di glicerina



09

METROLOGÍA

Flow measuring

Test du circuit hydraulique

Test per circuiti idraulici



Racores de control

Test couplings
Prises de pression
Prese di pressione


Z MPR...C/J


Z MPR TLM


Z MPR DL/S


Z MPR...NPT


Z MPR M

Conexiones Micro-hose

Micro-hose fittings
Embouts Capillaire
Raccordi Micro-tubo



Z55501 Z55505 Z55506 Z55504 Z55507 Z55503 Z55509 Z5550795

Instrumentos de medición

Pressure gauges AISI 316 with glycerin
Manomètre AISI 316 avec glycérine
Manometri AISI 316 a bagno di glicerina

Manómetros inox glicerina DN 63 ▪ Pressure gauge DN 63 with glycerin ▪ Manomètre avec glycérine DN 63 ▪ Manometro DN 63 a bagno di glicerina | 259


ZMFI63..V


ZMFI63..DB

Manómetros inox glicerina DN 100 ▪ Pressure gauge DN 100 with glycerin ▪ Manomètre avec glycérine DN 100 ▪ Manometro DN 100 a bagno di glicerina | 259


ZMFI100..V


ZMFI100..DB

Protectores manómetros ▪ Valves for manometers ▪ Valves pour manomètres ▪ Esclusori per manometro | 260


Z FPE


Z FPEA


ZFT2299

Racores de control

Test couplings
Prises de pression
Prese di pressione

Racores de control BSP con junta y capuchón metálico

Racores de control BSP con junta y capuchón metálico

Prises de pression avec joint plat et capouchon métallique

Mini-presa di controllo con tappo metallico - maschio BSP con guarnizione



ROSCA THREAD	Referencia Part n°
1/8" BSP	**Z MPR 1/8 G**
1/4" BSP	**Z MPR 1/4 G**
3/8" BSP	**Z MPR 3/8 G**
1/2" BSP	**Z MPR 1/2 G**

Racores de control TLM con capuchón metálico

Racores de control TLM con capuchón metálico

Prises de pression TLM avec capouchon métallique

Mini-presa di controllo con tappo metallico - femmina girevole metrica 24°



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	M12x1,5	**Z MPR TLM 6L**
8	L	M14x1,5	**Z MPR TLM 8L**
10	L	M16x1,5	**Z MPR TLM 10L**
12	L	M18x1,5	**Z MPR TLM 12L**
15	L	M22X1,5	**Z MPR TLM 15L**
6	S	M14x1,5	**Z MPR TLM 6S**
8	S	M16x1,5	**Z MPR TLM 8S**
10	S	M18x1,5	**Z MPR TLM 10S**
12	S	M20x1,5	**Z MPR TLM 12S**

Racor de control intermedio para tubo metálico

Racor de control intermedio para tubo metálico

Raccord intermédiaire pour tube métallique

Mini-presa di controllo con tappo metallico - raccordo intermedio per tubo rigido



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°
6	L	M12X1,5	**Z MPR DL 6**
8	L	M14X1,5	**Z MPR DL 8**
10	L	M16X1,5	**Z MPR DL 10**
12	L	M18X1,5	**Z MPR DL 12**
15	L	M22X1,5	**Z MPR DL 15**
18	L	M26X1,5	**Z MPR DL 18**
22	L	M30X2	**Z MPR DL 22**
28	L	M36X2	**Z MPR DL 28**
35	L	M45X2	**Z MPR DL 35**
42	L	M52X2	**Z MPR DL 42**
6	S	M14X1,5	**Z MPR DS 6**
8	S	M16X1,5	**Z MPR DS 8**
10	S	M16X1,5	**Z MPR DS 10**
12	S	M18X1,5	**Z MPR DS 12**
14	S	M22X1,5	**Z MPR DS 14**
16	S	M24X1,5	**Z MPR DS 16**
20	S	M30X2	**Z MPR DS 20**
25	S	M36X2	**Z MPR DS 25**
30	S	M42X2	**Z MPR DS 30**
38	S	M52X2	**Z MPR DS 38**

Racores de control NPT con capuchón metálico

Racores de control NPT con capuchón metálico

Prises de pression NPT avec capouchon métallique

Mini-presa di controllo con tappo metallico - maschio NPT



ROSCA THREAD	Referencia Part n°
1/8" NPT	**Z MPR 1/8 NPT**
1/4" NPT	**Z MPR 1/4 NPT**
3/8" NPT	**Z MPR 3/8 NPT**

Racores de control Métrico con Junta y capuchón metal

Racores de control Métrico con Junta y capuchón metal

Prises de pression métrique avec joint plat et capouchon métallique

Mini-presa di controllo con tappo metallico - maschio metrico con guarnizione



ROSCA THREAD	Referencia Part n°
M10X1,5	**Z MPR M 10X1.5**
M12X1,5	**Z MPR M 12X1.5**
M14X1,5	**Z MPR M 14X1.5**
M16X1,5	**Z MPR M 16X1.5**

Conexiones Micro-hose

Micro-hose fittings
Embouts Capillaire
Raccordi Micro-tubo

Casquillos AISI-303

Casquillos AISI-303

Jupes AISI-303

Boccola per micro-tubo (AISI-303)



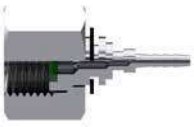
DN	Referencia Part n°	
2	Z555010100	2

Hembra asiento plano con junta manómetro

Hembra asiento plano con junta manómetro

Embout femelle tournante fond plat avec o'ring pour manomètre Minimess

Femmina sede piana con o'ring per manometro



DN	ROSCA THREAD	Referencia Part n°	
2	1/4" BSP	Z555050404	
2	1/2" BSP	Z555050808	

Hembra giratoria de control

Hembra giratoria de control

Embout femelle tournante de control Métrique Minimess

Presa di pressione femmina



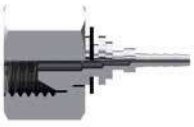
DN	ROSCA THREAD	Referencia Part n°
2	M16X2	Z555069523

Hembra giratoria BSP 60°

Hembra giratoria BSP 60°

Embout femelle tournante gaz cyl BSP 60° Minimess

Femmina girevole BSP 60°



DN	ROSCA THREAD	Referencia Part n°
2	1/8" BSP	Z555040202
2	1/4" BSP	Z555040404
2	3/8" BSP	Z555040606

Espiga lisa Métrica

Espiga lisa Métrica

Embout lisse Métrique Minimess

Estremitá tubolare Metrica



DN	TUBO PIPE	Referencia Part n°
2	6	Z555070600
2	8	Z555070800

Macho de control

Macho de control

Embout mâle manomètre

Presa di pressione maschio



DN	Referencia Part n°
2	Z555030325

Hembra giratoria recta JIC 37°

Hembra giratoria recta JIC 37°

Embout femelle tournante JIC 37° Minimess

Femmina diritta JIC 37°



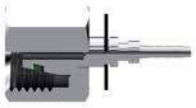
DN	ROSCA THREAD	Referencia Part n°	
2	7/16" 20h UNF	Z555090700	2

Hembra giratoria Métrica con Junta

Hembra giratoria Métrica con Junta

Embout femelle tournante de control Métrique 24° avec o´ring

Presa di pressione femmina metrica 24° con o´ring



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°
2	6L	M12X1,5	Z555079510
2	6S	M14X1,5	Z555079511
2	8L	M14X1,5	Z555079512
2	8S	M16X1,5	Z555079523
2	10L	M16X1,5	Z555079525

Instrumentos de medición

Pressure gauges AISI 316 with glycerin
Manomètre AISI 316 avec glycérine
Manometri AISI 316 a bagno di glicerina

Manómetros DN 63 salida vertical

Manómetros DN 63 salida vertical

Manomètre DN 63 sortie verticale

Manometro DN 63 radiale



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-2.5	ZMFI6304002.5V
1/4" BSP	0-4	ZMFI6304004V
1/4" BSP	0-6	ZMFI6304006V
1/4" BSP	0-10	ZMFI6304010V
1/4" BSP	0-16	ZMFI6304016V
1/4" BSP	0-25	ZMFI6304025V
1/4" BSP	0-40	ZMFI6304040V
1/4" BSP	0-60	ZMFI6304060V
1/4" BSP	0-100	ZMFI6304100V
1/4" BSP	0-160	ZMFI6304160V
1/4" BSP	0-250	ZMFI6304250V
1/4" BSP	0-400	ZMFI6304400V
1/4" BSP	0-600	ZMFI6304600V

Manómetros DN 63 dorsal

Manómetros DN 63 dorsal

Manomètre DN 63 sortie arrière

Manometro DN 63 assiale flangiato



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-2.5	ZMFI63042.5DB
1/4" BSP	0-10	ZMFI6304010DB
1/4" BSP	0-16	ZMFI6304016DB
1/4" BSP	0-25	ZMFI6304025DB
1/4" BSP	0-60	ZMFI6304060DB
1/4" BSP	0-160	ZMFI6304160DB
1/4" BSP	0-250	ZMFI6304250DB
1/4" BSP	0-400	ZMFI6304400DB

Manómetros DN 100 salida vertical

Manómetros DN 100 salida vertical

Manomètre DN 100 sortie verticale

Manometro DN 100 radiale



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/2" BSP	0-6	ZMFI10008006V
1/2" BSP	0-10	ZMFI10008010V
1/2" BSP	0-16	ZMFI10008016V
1/2" BSP	0-25	ZMFI10008025V
1/2" BSP	0-40	ZMFI10008040V
1/2" BSP	0-60	ZMFI10008060V
1/2" BSP	0-100	ZMFI10008100V
1/2" BSP	0-160	ZMFI10008160V
1/2" BSP	0-250	ZMFI10008250V
1/2" BSP	0-400	ZMFI10008400V
1/2" BSP	0-600	ZMFI10008600V

Manómetros DN 100 dorsal

Manómetros DN 100 dorsal

Manomètre DN 100 sortie arrière

Manometro DN 100 assiale flangiato



ROSCA THREAD	ESCALA (bar) SCALE (bar)	Referencia Part n°
1/4" BSP	0-160	ZMFI10004160DB
1/2" BSP	0-1	ZMFI10008001DB
1/2" BSP	0-4	ZMFI10008004DB
1/2" BSP	0-6	ZMFI10008006DB
1/2" BSP	0-10	ZMFI10008010DB
1/2" BSP	0-16	ZMFI10008016DB
1/2" BSP	0-25	ZMFI10008025DB
1/2" BSP	0-40	ZMFI10008040DB
1/2" BSP	0-60	ZMFI10008060DB
1/2" BSP	0-100	ZMFI10008100DB
1/2" BSP	0-160	ZMFI10008160DB
1/2" BSP	0-250	ZMFI10008250DB
1/2" BSP	0-400	ZMFI10008400DB



MANÓMETROS CALIBRADOS BAJO CONSULTA

CALIBRATED MANOMETER ON REQUEST

***Consultar** / On request/ **Sur demande** / Su richiesta

Instrumentos de medición

Pressure gauges AISI 316 with glycerin
Manomètre AISI 316 avec glycérine
Manometri AISI 316 a bagno di glicerina

Protector manómetro recto

Protector manómetro recto

Isolateur de manomètre droit (en ligne)

Esclusore per manometro diritto



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSPT	**Z FPE 1G 1/4**

Protector manómetro 90°

Protector manómetro 90°

Isolateur de manomètre coudé a 90° (en ligne)

Esclusore per manometro a 90°



ROSCA THREAD		Referencia Part n°
1/4" BSP	1/4" BSPT	**Z FPEA 1G 1/4**

Adaptador para manómetro en línea TL-MF

Adaptador para manómetro en línea TL-MF

Adapteur pour manomètre (en ligne) TL-MF

Esclusore per manometro maschio BSPT - femmina girevole BSP



ROSCA (/M) THREAD (M)	ROSCA (H) THREAD /F)	Referencia Part n°
1/4" BSP	1/4" BSPT	**ZFT229904**
1/2" BSP	1/2" BSPT	**ZFT229908**

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ZKN

ZKAP

ZKAF

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ZKI

ZKL

ZKI

ZKT

ZKC

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ZKIMP

ZKIM

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ZKLMP

ZKLM

TES rosca central ▪ Male stud branch ▪ Raccords Té mâle central ▪ Raccordi di estremitá a T | 272


ZKTMP

TES rosca lateral ▪ Male stud barrel ▪ Raccords Té mâle latéral ▪ Raccordi di estremitá a L | 272


ZKTLMP

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ZKIB

ZKIBP

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ZKOH

ZKOM

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ZKIA ZKIAMP ZKIAHP

TRΔLE® LOK SERIES

INFORMACIÓN DE CODIFICACIÓN / *CODIFICATION INFORMATION*

1 EJEMPLO- EXAMPLE

ZKTK

ZK: DICSA TRΔLE® LOK SERIES

T: FIGURA (RACOR EN TE)/ ***FIGURE (TE UNION)***

02: Ø Tubo (02 = 1/8″) ***Ø Tube (02 = 1/8″)***

2 EJEMPLO- EXAMPLE

ZKIMP0202

ZK: DICSA TRΔLE® LOK SERIES

IM: RACOR RECTO ROSCA TUBO/ ***STRAIGHT MALE STUD***

P02: MACHO 1/8″ NPT ***MALE 1/8″ NPT***

02: Ø Tubo (02 = 1/8″) ***Ø Tube (02 = 1/8″)***

REF / CODE	DESCRIPCION / DESCRIPTION
ZKN	Tuercas / *Nuts*
ZKAP	Anillo trasero / *Back Ferrule*
ZKAF	Anillo frontal / *Front Ferrule*
ZKI	Unión recta / *Straight Union*
ZKL	Unión en codo / *Elbow Union*
ZKT	Unión en T / *Tee Union*
ZKC	Unión en cruz / *Cross Union*
ZKIM	Unión recta tubo-rosca / *Straight male stud*
ZKLMP	Codo tubo - rosca / *Male stud elbow*
ZKTMP	T tubo - rosca / *Male stud T*
ZKTLM	L tubo - rosca / *Male stud L*
ZKIB	Pasatabiques recto / *Straight bukhead*
ZKIBP	Pasatabiques tubo-rosca/ *Male stud bulkhead*
ZKIHP	Unión tubo-rosca hembra/ *Straight female stud*
ZKOH	Tapón hembra / *Cap*
ZKOM	Tapón macho / *Plug*
ZKIA	Reductor tubo / *Pipe Reducer*
ZKIAH	Adap. hembra / *Female adapter*
ZKIMP	Adap macho / *Male adapter*

DESIGNACIÓN DE TUBO EXTERIOR/ *TUBE O.D. DESIGNATOR*

TUBO EN PULGADAS/ *FRACTIONAL TUBE*								TUBO MÉTRICO / *METRIC TUBE*										
1/8″	1/4″	5/16″	3/8″	1/2″	5/8″	3/4″	1″	6	8	10	12	14	15	16	18	20	22	25
02	04	05	06	08	10	12	16	06M	08M	10M	12M	14M	15M	16M	18M	20M	22M	25M



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Tuercas para doble anillo

Nut for twin-ferrule

Écrou double bagues

Dado per doppia ghiera



TUBO PIPE	Referencia Part n°
1/8"	ZKN02
1/4"	ZKN04
5/16"	ZKN05
3/8"	ZKN06
1/2"	ZKN08
5/8"	ZKN10
3/4"	ZKN12
1"	ZKN16
6	ZKN06M
8	ZKN08M
10	ZKN10M
12	ZKN12M
14	ZKN14M
15	ZKN15M
16	ZKN16M
18	ZKN18M
20	ZKN20M
22	ZKN22M
25	ZKN25M

Anillo frontal

Front Ferrule

Bague avant

Ghiera frontale



TUBO PIPE	Referencia Part n°
1/8"	ZKAF02
1/4"	ZKAF04
5/16"	ZKAF05
3/8"	ZKAF06
1/2"	ZKAF08
5/8"	ZKAF10
3/4"	ZKAF12
1"	ZKAF16
6	ZKAF06M
8	ZKAF08M
10	ZKAF10M
12	ZKAF12M
14	ZKAF14M
15	ZKAF15M
16	ZKAF16M
18	ZKAF18M
20	ZKAF20M
22	ZKAF22M
25	ZKAF25M

Anillo posterior

Back Ferrule

Bague arrière

Indietro ghiera



TUBO PIPE	Referencia Part n°
1/8"	ZKAP02
1/4"	ZKAP04
5/16"	ZKAP05
3/8"	ZKAP06
1/2"	ZKAP08
5/8"	ZKAP10
3/4"	ZKAP12
1"	ZKAP16
6	ZKAP06M
8	ZKAP08M
10	ZKAP10M
12	ZKAP12M
14	ZKAP14M
15	ZKAP15M
16	ZKAP16M
18	ZKAP18M
20	ZKAP20M
22	ZKAP22M
25	ZKAP25M

*Consultar / On request/ Sur demande / Su richiesta

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Racor unión recta tubo - tubo

Double Straight coupling

Raccord union double

Raccordo intermedio diritto



TUBO PIPE	Referencia Part n°
1/8"	ZKI02
1/4"	ZKI04
5/16"	ZKI05
3/8"	ZKI06
1/2"	ZKI08
5/8"	ZKI10
3/4"	ZKI12
1"	ZKI16
6	ZKI06M
8	ZKI08M
10	ZKI10M
12	ZKI12M
14	ZKI14M
15	ZKI15M
16	ZKI16M
18	ZKI18M
20	ZKI20M
22	ZKI22M
25	ZKI25M

Racor unión en codo tubo - tubo

Equal elbow coupling

Raccord coude égal

Raccordo intermedio a 90°



TUBO PIPE	Referencia Part n°
1/8"	ZKL02
1/4"	ZKL04
5/16"	ZKL05
3/8"	ZKL06
1/2"	ZKL08
5/8"	ZKL10
3/4"	ZKL12
1"	ZKL16
6	ZKL06M
8	ZKL08M
10	ZKL10M
12	ZKL12M
14	ZKL14M
15	ZKL15M
16	ZKL16M
18	ZKL18M
20	ZKL20M
22	ZKL22M
25	ZKL25M

Racor unión recta en reducción tubo - tubo

Straight reducing coupling

Raccord union double en réduction

Raccordo di riduzione



TUBO PIPE		Referencia Part n°
1/4"	1/8"	ZKI0402
5/16"	1/4"	ZKI0504
3/8"	1/8"	ZKI0602
3/8"	1/4"	ZKI0604
1/2"	1/4"	ZKI0804
1/2"	3/8"	ZKI0806
5/8"	3/8"	ZKI1006
5/8"	1/2"	ZKI1008
3/4"	1/4"	ZKI1204
3/4"	3/8"	ZKI1206
3/4"	1/2"	ZKI1208
1"	1/2"	ZKI1608
1"	3/4"	ZKI1612
6	3	ZKI06M03M
8	6	ZKI08M06M
10	6	ZKI10M06M
10	8	ZKI10M08M
12	6	ZKI12M06M
12	8	ZKI12M08M
12	10	ZKI12M10M
16	12	ZKI16M12M
18	12	ZKI18M12M
25	18	ZKI25M18M
25	20	ZKI25M20M

Racor unión en T tubo - tubo

Equal Tee

Raccord Té égal

Raccordo intermedio a T



TUBO PIPE	Referencia Part n°
1/8"	ZKT02
1/4"	ZKT04
5/16"	ZKT05
3/8"	ZKT06
1/2"	ZKT08
5/8"	ZKT10
3/4"	ZKT12
1"	ZKT16
6	ZKT06M
8	ZKT08M
10	ZKT10M
12	ZKT12M
14	ZKT14M
15	ZKT15M
16	ZKT16M
18	ZKT18M
20	ZKT20M
22	ZKT22M
25	ZKT25M

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Racor unión en cruz tubo - tubo

Equal cross

Raccord croix égale

Raccordo intermedio a croce



TUBO PIPE	Referencia Part n°
1/8"	ZKC02
1/4"	ZKC04
5/16"	ZKC05
3/8"	ZKC06
1/2"	ZKC08
6	ZKC06M
8	ZKC08M
10	ZKC10M
12	ZKC12M

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Racor recto rosca cónica NPT

Straight male stud coupling NPT

Raccord union simple mâle NPT

Raccordo di estremitá diritto NPT



TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/16"	1/8"	ZKIMP0102
1/8"	1/16"	ZKIMP0201
1/8"	1/8"	ZKIMP0202
1/8"	1/4"	ZKIMP0204
1/8"	3/8"	ZKIMP0206
1/8"	1/2"	ZKIMP0208
1/4"	1/8"	ZKIMP0402
1/4"	1/4"	ZKIMP0404
1/4"	3/8"	ZKIMP0406
1/4"	1/2"	ZKIMP0408
3/8"	1/8"	ZKIMP0602
3/8"	1/4"	ZKIMP0604
3/8"	3/8"	ZKIMP0606
3/8"	1/2"	ZKIMP0608
3/8"	3/4"	ZKIMP0612
3/8"	1"	ZKIMP0616
1/2"	1/8"	ZKIMP0802
1/2"	1/4"	ZKIMP0804
1/2"	3/8"	ZKIMP0806
1/2"	1/2"	ZKIMP0808
1/2"	3/4"	ZKIMP0812
3/4"	3/8"	ZKIMP1206
3/4"	1/2"	ZKIMP1208
3/4"	3/4"	ZKIMP1212
3/4"	1/4"	ZKIMP1216
1"	1/2"	ZKIMP1608
1"	3/4"	ZKIMP1612
1"	1"	ZKIMP1616
6	1/8"	ZKIMP06M02
6	1/4"	ZKIMP06M04
6	3/8"	ZKIMP06M06
6	1/2"	ZKIMP06M08
8	1/8"	ZKIMP08M02
8	1/4"	ZKIMP08M04
8	3/8"	ZKIMP08M06
8	1/2"	ZKIMP08M08
10	1/8"	ZKIMP10M02
10	1/4"	ZKIMP10M04
10	3/8"	ZKIMP10M06
10	1/2"	ZKIMP10M08
10	3/4"	ZKIMP10M12
12	1/4"	ZKIMP12M04
12	3/8"	ZKIMP12M06
12	1/2"	ZKIMP12M08
14	3/8"	ZKIMP14M06
14	1/2"	ZKIMP14M08
15	1/2"	ZKIMP15M08
16	1/4"	ZKIMP16M04
16	3/8"	ZKIMP16M06
16	1/2"	ZKIMP16M08
16	3/4"	ZKIMP16M12
18	1/2"	ZKIMP18M08
18	3/4"	ZKIMP18M12
22	3/4"	ZKIMP22M12
22	1"	ZKIMP22M16
25	1/2"	ZKIMP25M08
25	3/4"	ZKIMP25M12
25	1"	ZKIMP25M16

Racor recto rosca cónica BSPT

Straight male stud coupling BSPT

Raccord union simple mâle conique BSPT

Raccordo di estremitá diritto conico BSPT



TUBO PIPE	ROSCA THREAD		Referencia Part n°
1/8	1/8"		ZKIM0202
1/8	1/4"		ZKIM0204
1/4"	1/8		ZKIM0402
1/4"	1/4"		ZKIM0404
1/4"	3/8"		ZKIM0406
1/4"	1/2"		ZKIM0408
3/8"	1/8"		ZKIM0602
3/8"	1/4"		ZKIM0604
3/8"	3/8"		ZKIM0606
3/8"	1/2"		ZKIM0608
3/8"	3/4"		ZKIM0612
1/2"	1/4"		ZKIM0804
5/8"	1/2"	NEW	ZKIM1008
1/2"	3/8"		ZKIM0806
1/2"	1/2"		ZKIM0808
1/2"	3/4"		ZKIM0812
3/4"	3/4"		ZKIM1212
3/4"	1"		ZKIM1216
1"	3/4"		ZKIM1612
6	1/8"		ZKIM06M02
6	1/4"		ZKIM06M04
6	3/8"		ZKIM06M06
6	1/2"		ZKIM06M08
8	1/8"		ZKIM08M02
8	1/4"		ZKIM08M04
8	3/8"		ZKIM08M06
8	1/2"		ZKIM08M08
10	1/8"		ZKIM10M02
10	1/4"		ZKIM10M04
10	3/8"		ZKIM10M06
10	1/2"		ZKIM10M08
12	1/4"	NEW	ZKIM12M04
12	3/8"		ZKIM12M06
12	1/2"		ZKIM12M08
16	1/4"		ZKIM16M04
16	3/8"		ZKIM16M06
16	1/2"		ZKIM16M08
16	3/4"		ZKIM16M12
18	1/2"		ZKIM18M08
18	3/4"		ZKIM18M12
22	3/4"		ZKIM22M12
22	1"		ZKIM22M16
25	3/4"		ZKIM25M12
25	1"		ZKIM25M16
25	1/2"		ZKIM25M08

*Consultar / On request / Sur demande / Su richiesta

Racor Doble Anillo TrΔle® LOK

Twin Ferrule Fittings TrΔle® LOK
Raccords double bague TrΔle® LOK
Raccordi per doppio anello TrΔle® LOK

Racor en codo rosca cónica NPT

Male stud elbow NPT

Raccord union coude mâle NPT

Raccordo di estremitá a 90° NPT



TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/8"	1/8"	ZKLMP0202
1/8"	1/4"	ZKLMP0204
1/8"	3/8"	ZKLMP0206
1/4"	1/8"	ZKLMP0402
1/4"	1/4"	ZKLMP0404
1/4"	3/8"	ZKLMP0406
1/4"	1/2"	ZKLMP0408
3/8"	1/8"	ZKLMP0602
3/8"	1/4"	ZKLMP0604
3/8"	3/8"	ZKLMP0606
3/8"	1/2"	ZKLMP0608
3/8"	3/4"	ZKLMP0612
1/2"	1/4"	ZKLMP0804
1/2"	3/8"	ZKLMP0806
1/2"	1/2"	ZKLMP0808
3/4"	1/2"	ZKLMP1208
3/4"	3/4"	ZKLMP1212
1"	3/4"	ZKLMP1612
1"	1"	ZKLMP1616
16	1/4"	ZKLMP16M04
16	3/8"	ZKLMP16M06
6	1/8"	ZKLMP06M02
6	1/4"	ZKLMP06M04
16	1/2"	ZKLMP16M08
16	3/4"	ZKLMP16M12
6	3/8"	ZKLMP06M06
6	1/2"	ZKLMP06M08
8	1/8"	ZKLMP08M02
8	1/4"	ZKLMP08M04
8	3/8"	ZKLMP08M06
8	1/2"	ZKLMP08M08
10	1/8"	ZKLMP10M02
10	1/4"	ZKLMP10M04
10	3/8"	ZKLMP10M06
10	1/2"	ZKLMP10M08
12	1/4"	ZKLMP12M04
12	3/8"	ZKLMP12M06
12	1/2"	ZKLMP12M08
12	3/4"	ZKLMP12M12
18	1/2"	ZKLMP18M08
18	3/4"	ZKLMP18M12
22	3/4"	ZKLMP22M12
22	1"	ZKLMP22M16
25	3/4"	ZKLMP25M12
25	1"	ZKLMP25M16

Racor en codo rosca cónica BSPT

Male stud elbow BSPT

Raccord union coude mâle gaz conique

Raccordo di estremitá a 90° conico BSPT



TUBO PIPE	ROSCA THREAD		Referencia Part n°
1/4"	1/8"	NEW	ZKLM0402
1/4"	1/4"		ZKLM0404
1/4"	3/8"		ZKLM0406
1/4"	1/2"		ZKLM0408
3/8"	1/4"	NEW	ZKLM0604
3/8"	3/8"		ZKLM0606
3/8"	1/2"		ZKLM0608
1/2"	1/4"	NEW	ZKLM0804
1/2"	3/8"	NEW	ZKLM0806
1/2"	1/2"		ZKLM0808
6	1/4"		ZKLM06M04
6	1/2"		ZKLM06M08
8	1/8"	NEW	ZKLM08M02
8	1/4"	NEW	ZKLM08M04
8	3/8"		ZKLM08M06
8	1/2"		ZKLM08M08
10	1/8"	NEW	ZKLM10M02
10	1/4"		ZKLM10M04
10	3/8"		ZKLM10M06
10	1/2"		ZKLM10M08
12	1/4"	NEW	ZKLM12M04
12	3/8"		ZKLM12M06
12	1/2"	NEW	ZKLM12M08
16	1/4"		ZKLM16M04
16	3/8"		ZKLM16M06
16	1/2"		ZKLM16M08
16	3/4"		ZKLM16M12
22	3/4"		ZKLM22M12
22	1"		ZKLM22M16

*Consultar / On request/ Sur demande / Su richiesta

Racor Doble Anillo TrΔle® LOK

Twin Ferrule Fittings TrΔle® LOK
Raccords double bague TrΔle® LOK
Raccordi per doppio anello TrΔle® LOK

Racor en T rosca cónica NPT

Male stud branch TEE NPT

Raccord TÉ mâle NPT au centre

Raccordo di estremitá a T NPT



TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/8"	1/8"	ZKTMP0202
1/8"	1/4"	ZKTMP0204
1/4"	1/8"	ZKTMP0402
1/4"	1/4"	ZKTMP0404
3/8"	1/4"	ZKTMP0604
3/8"	3/8"	ZKTMP0606
1/2"	3/8"	ZKTMP0806
1/2"	1/2"	ZKTMP0808
6	1/8"	ZKTMP06M02
6	1/4"	ZKTMP06M04
8	1/8"	ZKTMP08M02
8	1/4"	ZKTMP08M04
10	1/4"	ZKTMP10M04
10	3/8"	ZKTMP10M06
12	1/4"	ZKTMP12M04
12	3/8"	ZKTMP12M06
12	1/2"	ZKTMP12M08

Racor en L rosca cónica NPT

Male stud barrel TEE NPT

Raccord Té mâle NPT latéral Inox

Raccordo di estremitá a L NPT conico



TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/8"	1/8"	ZKTLMP0202
1/8"	1/4"	ZKTLMP0204
1/4"	1/8"	ZKTLMP0402
1/4"	1/4"	ZKTLMP0404
3/8"	1/4"	ZKTLMP0604
3/8"	3/8"	ZKTLMP0606
1/2"	3/8"	ZKTLMP0806
1/2"	1/2"	ZKTLMP0808
6	1/8"	ZKTLMP06M02
6	1/4"	ZKTLMP06M04
8	1/8"	ZKTLMP08M02
8	1/4"	ZKTLMP08M04
10	1/4"	ZKTLMP10M04
10	1/2"	ZKTLMP10M08
12	1/4"	ZKTLMP12M04
12	3/8"	ZKTLMP12M06
12	1/2"	ZKTLMP12M08

Racor recto pasatabique con tuerca

Straight bulkhead coupling

Raccord droit union double passe cloison avec écrou

Raccordo passaparete



TUBO PIPE	Referencia Part n°
1/8"	ZKIB02
1/4"	ZKIB04
5/16"	ZKIB05
3/8"	ZKIB06
1/2"	ZKIB08
5/8"	ZKIB10
3/4"	ZKIB12
1"	ZKIB16
6	ZKIB06M
8	ZKIB08M
10	ZKIB10M
12	ZKIB12M
15	ZKIB15M
16	ZKIB16M
18	ZKIB18M
20	ZKIB20M
25	ZKIB25M

Racor recto - NPT pasatabique con tuerca

Straight bulkhead coupling- NPT

Raccord droit union double passe cloison avec écrou - NPT

Raccordo passaparete - NPT



TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/8"	1/8"	ZKIBP0202
1/4"	1/4"	ZKIBP0404
3/8"	3/8"	ZKIBP0606
1/2"	1/2"	ZKIBP0808
3/4"	3/4"	ZKIBP1212
1"	1"	ZKIBP1616
6	1/8"	ZKIBP06M02
8	1/4"	ZKIBP08M04
10	3/8"	ZKIBP10M06
12	1/2"	ZKIBP12M08

*Consultar / On request / Sur demande / Su richiesta

Racor Doble Anillo TrΔle® LOK

Twin Ferrule Fittings TrΔle® LOK
Raccords double bague TrΔle® LOK
Raccordi per doppio anello TrΔle® LOK

Racor recto hembra rosca NPT

Female stud coupling NPT

Raccord union simple femelle NPT

Raccordo diritto femmina NPT



TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/8"	1/8"	ZKIHP0202
1/8"	1/4"	ZKIHP0204
1/8"	3/8"	ZKIHP0206
1/8"	1/2"	ZKIHP0208
1/4"	1/8"	ZKIHP0402
1/4"	1/4"	ZKIHP0404
1/4"	3/8"	ZKIHP0406
1/4"	1/2"	ZKIHP0408
3/8"	1/8"	ZKIHP0602
3/8"	1/4"	ZKIHP0604
3/8"	3/8"	ZKIHP0606
3/8"	1/2"	ZKIHP0608
3/8"	3/4"	ZKIHP0612
1/2"	1/8"	ZKIHP0802
1/2"	1/4"	ZKIHP0804
1/2"	3/8"	ZKIHP0806
1/2"	1/2"	ZKIHP0808
5/8"	1/2"	ZKIHP1008
3/4"	1/2"	ZKIHP1208
3/4"	3/4"	ZKIHP1212
1"	3/4"	ZKIHP1612
1"	1"	ZKIHP1616
6	1/8"	ZKIHP06M02
6	1/4"	ZKIHP06M04
6	3/8"	ZKIHP06M06
6	1/2"	ZKIHP06M08
8	1/8"	ZKIHP08M02
8	1/4"	ZKIHP08M04
8	3/8"	ZKIHP08M06
8	1/2"	ZKIHP08M08
10	1/4"	ZKIHP10M04
10	3/8"	ZKIHP10M06
10	1/2"	ZKIHP10M08
12	1/4"	ZKIHP12M04
12	3/8"	ZKIHP12M06
12	1/2"	ZKIHP12M08
16	1/2"	ZKIHP16M08
20	3/4"	ZKIHP20M12
22	3/4"	ZKIHP22M12
25	3/4"	ZKIHP25M12
25	1"	ZKIHP25M16
2"	2"	ZKIHP3232

Racor recto hembra rosca BSPT

NEW

Female stud coupling BSPT

Raccord union simple femelle BSPT

Raccordo diritto femmina BSPT



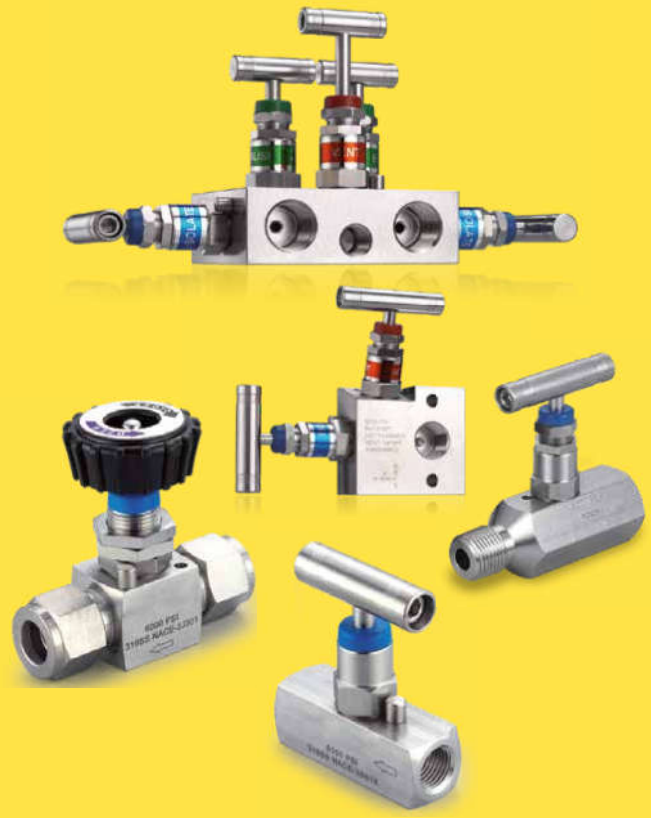
TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/4"	1/4"	ZKIH0404
1/2"	1/4"	ZKIH0804
1/2"	1/2"	ZKIH0808
6	1/8"	ZKIH06M02
6	1/4"	ZKIH06M04
8	1/4"	ZKIH08M04
8	1/2"	ZKIH08M08
10	1/4"	ZKIH10M04
20	3/4"	ZKIH20M12

*Consultar / On request/ Sur demande / Su richiesta

Válvulas de instrumentación

Válvulas de aguja, Manifold, Antirretornos y Válvulas limitadoras de presión

BAJO CONSULTA



Instrument Valve

Needle Valve, Manifold,
Check and Proportional Relief Valve

ON REQUEST

Racor Doble Anillo TrΔle® LOK

Twin Ferrule Fittings TrΔle® LOK
Raccords double bague TrΔle® LOK
Raccordi per doppio anello TrΔle® LOK

Tapón de cierre hembra UNF

UNF plug closure

Bouchon de fermeture Femelle UNF

Tappo di chiusura femmina UNF



TUBO PIPE	Referencia Part n°
1/8"	ZKOH02
1/4"	ZKOH04
5/16"	ZKOH05
3/8"	ZKOH06
1/2"	ZKOH08
5/8"	ZKOH10
3/4"	ZKOH12
1"	ZKOH16
6	ZKOH06M
8	ZKOH08M
10	ZKOH10M
12	ZKOH12M
14	ZKOH14M
15	ZKOH15M
16	ZKOH16M
18	ZKOH18M
20	ZKOH20M
22	ZKOH22M
25	ZKOH25M

Tapón hexagonal macho UNF

UNF cap hexagon

Bouchon mâle hexagonale UNF

Tappo esagonale maschio UNF



TUBO PIPE	Referencia Part n°
1/8"	ZKOM02
1/4"	ZKOM04
5/16"	ZKOM05
3/8"	ZKOM06
1/2"	ZKOM08
5/8"	ZKOM10
3/4"	ZKOM12
1"	ZKOM16
6	ZKOM06M
8	ZKOM08M
10	ZKOM10M
12	ZKOM12M
14	ZKOM14M
15	ZKOM15M
16	ZKOM16M
18	ZKOM18M
20	ZKOM20M
22	ZKOM22M
25	ZKOM25M

Racor de Reducción tubo

Tube end reducer

Raccord de réduction

Raccordo di riduzione tubo



TUBO PIPE		Referencia Part n°
1/4"	1/8"	ZKIA0402
3/8"	1/4"	ZKIA0604
1/2"	3/8"	ZKIA0806
3/4"	1/2"	ZKIA1208
8	6	ZKIA08M06M
10	8	ZKIA10M08M
12	10	ZKIA12M10M
16	12	ZKIA16M12M

Adaptador macho NPT

Male NPT adaptor

Adapteur Mâle NPT

Adattatore NPT maschio



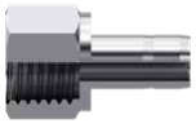
TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/8"	1/8"	ZKIAMP0202
1/4"	1/4"	ZKIAMP0404
3/8"	3/8"	ZKIAMP0606
1/2"	1/2"	ZKIAMP0808
6	1/8"	ZKIAMP06M02
8	1/4"	ZKIAMP08M04
10	1/4"	ZKIAMP10M04
10	3/8"	ZKIAMP10M06
10	1/2"	ZKIAMP10M08
12	1/2"	ZKIAMP12M08

Adaptador hembra NPT

Female NPT adaptor

Adapteur Femelle NPT

Adattatore NPT femmina



TUBO PIPE	ROSCA THREAD	Referencia Part n°
1/8"	1/8"	ZKIAHP0202
1/4"	1/4"	ZKIAHP0404
3/8"	3/8"	ZKIAHP0606
1/2"	1/2"	ZKIAHP0808
6	1/8"	ZKIAHP06M02
8	1/4"	ZKIAHP08M04
10	3/8"	ZKIAHP10M06
12	1/2"	ZKIAHP12M08

*Consultar / On request / Sur demande / Su richiesta

Condiciones de venta

General conditions of sale

GENERALIDADES

Estas condiciones así como las eventuales condiciones especiales acordadas en el contrato rigen para todas las entregas y todas las prestaciones. Las condiciones de compra del cliente que sean distintas a las aquí establecidas no llegarán a formar parte del contrato al aceptar el pedido. Los contratos se celebran, salvo en el caso de que se haya acordado lo contrario, mediante confirmación escrita del proveedor. En ningún caso, las Condiciones Generales y/o Especificas de Compra del Comprador, anularan o sustituirán estas Condiciones Generales de Venta.

La aceptación de nuestras ofertas implica tácitamente la de todas las condiciones aquí detalladas, salvo las especiales acordadas por escrito, particularmente en la misma Oferta o detalladas en nuestro acuse de recepción de pedido, únicos documentos que nos obligan ante el Cliente.

fluidal se reserva el derecho de propiedad y el derecho de propiedad intelectual de muestras, presupuestos, planos e información en forma material o inmaterial así como en forma electrónica; el acceso de terceros a éstos ha de impedirse.

OFERTAS Y PEDIDOS

Los precios se entienden, caso de no expresar lo contrario para mercadería situada en nuestro almacén, incluyendo el cargado de ésta, pero sin incluir el embalaje ni el transporte al lugar de recepción, ni impuestos –que serán siempre a cargo del comprador–, así como tampoco la puesta en marcha en el emplazamiento. Todas las operaciones de transporte, seguro, manutención y entrega son a cuenta y riesgo del Comprador.

Las ofertas incluyen solamente los materiales y artículos en ellas especificados disponibles en stock salvo agotamiento y por el plazo de validez determinado en las mismas.

Los estudios u ofertas de material están basados en los precios vigentes en la fecha de su realización, y si, debido a alteraciones en el coste de los materiales, modificación de aranceles o a cualquier otra causa, el nivel de precios fuese revisado, los precios que se aplicarían serían aquellos que rijan en la fecha del suministro, a menos que la oferta sea aceptada dentro del plazo de validez que en la misma se fije.

Los precios no incluyen, excepto notificación expresa, el montaje y la puesta en marcha de los materiales suministrados, los fluidos recomendados por los servicios técnicos de los fabricantes, los contenedores tanto rígidos como elásticos de los materiales, así como el estudio de implantación de los distintos materiales.

fluidal podrá variar el precio, como consecuencia de cualquier ley que afecte a materiales, salarios o a las horas de trabajo y también a posible cambios en la paridad de la moneda, en elementos de importación.

Los pedidos no serán tomados en consideración a menos que vengan acompañados de la cantidad a cuenta prevista en nuestra Oferta, si así se ha establecido.

La aceptación de la Oferta supondrá igualmente la aceptación sin reservas de estas Condiciones Generales de Venta.

ESTUDIOS, PLANOS Y DISEÑOS

La información relacionada con la oferta, tal como planos, diseños, dibujos catálogos y/u otra documentación técnica, es solamente informativa y tienen como objeto dar una imagen general de los materiales en ellos descritos, no formando parte del contrato a menos que haya habido algún acuerdo por escrito. fluidal no aceptará ningún tipo de responsabilidad por la inexactitud u omisión de dicha documentación.

El Cliente deberá hacer siempre un estudio previo de compatibilidad y de montaje de los elementos en su instalación y será el único responsable de la puesta en conformidad de dicha instalación con las distintas reglamentaciones vigentes.

En presupuestos, planos, esquemas y otras informaciones técnicas, mantendremos reservado el derecho de propiedad y de realización, no permitiendo que estos sean facilitados a terceros sin nuestro previo consentimiento escrito.

fluidal se reserva el derecho de propiedad de la mercancía suministrada hasta el pago completo del precio establecido. fluidal se reserva el derecho de propiedad de los planos de la mercancía, que no serán facilitados ni vendidos a terceros en ningún caso.

TRABAJOS *IN SITU*

Los presupuestos de los trabajos realizados en el lugar de la obra del cliente son considerados orientativos, debido a las características particulares y especiales que pueden representar, no pudiendo dar lugar, excepto acuerdo definitivo entre las partes, en precios definitivos.

REPARACIÓN

Los trabajos de reparación no se empezarán hasta la aceptación escrita, por parte del Cliente, del presupuesto y de las condiciones que se establezcan.

En el supuesto de que el presupuesto no sea aceptado por el Cliente en el plazo de un mes, los gastos derivados del desmontaje, almacenaje, peritaje y portes correrán a cargo del Cliente. Si el Cliente solicita la reparación antes de aceptar el presupuesto, los trabajos se llevarán a cabo lo antes posible y, por su parte, el Cliente deberá aceptar el coste final de la reparación.

GENERAL TERMS

These conditions, together with the eventual specific conditions accorded in the contract, apply to all deliveries and all services. The purchase conditions of the customer, if different from those herein established, will not be part of the contract on having accepted the order.

The contracts are concluded, unless otherwise agreed upon by the Parties in writing, by means of written confirmation of the supplier. The General Conditions and / or Specific Conditions of Purchase of the Buyer, cannot, in no case, cancel or replace these General Conditions of Sale.

The acceptance of our offers implies tacitly the acceptance of all the conditions detailed herein, except the special ones that have the agreement in writing, particularly in the same offer or detailed in our accuse of receipt of order, the only documents that oblige us before the Customer. fluidal *has the right of property and the right of intellectual property of samples, budgets, technical documentation and information in material or immaterial form as well as in electronic form; the access of third parties to these documents must be forbidden.*

OFFERS AND ORDERS

Except in case of having expressed the opposite, the prices include the merchandise placed in our store, including its loading, but without including the packing nor the transport to the place of receipt, nor taxes, nor the getting started - these will always be at the expense of the customer. All the operations of transport, insurance, handling and delivery are on the account and risk of the Customer.

The offers include only the materials and products expressed in them, available in stock until end of stock, with the term of validity expressed in the same offers.

The studies or offers of material are based on the prices on the date the offer was made, and if, due to changes in the cost of the materials, modification of duties or to any other reason, the level of prices was checked, the prices that would be applied would be those that apply in the date of the delivery, unless the offer is accepted in the term of validity expressed in it.

The prices do not include, unless specific notification, the assembly and the getting started of the supplied materials, the fluids recommended by the technical services of the suppliers, the containers of the materials, as well as the study of the setting up of the different materials. fluidal *may change the price, as a consequence of any law that concerns materials, wages, or the working hours, but also as a consequence of probable changes in the parity of the currency since it concerns the elements of import.*

The orders will not be taken in consideration unless they are provided with the specific amount in our account, foreseen in our Offer, if this condition has been pre-established. The acceptance of the Offer will suppose equally the acceptance without reserve of these General Conditions of Sale.

STUDIES, TECHNICAL DOCUMENTATION

The information related to the offer, as technical documentation, designs, drawings, catalogues and / or any other technical documentation, is only informative and they have as object to give a general image of the materials described in them, they do not form a part of the contract unless written agreement. fluidal *will not accept any type of responsibility for inaccuracy or omission of the above mentioned documentation.*

The Customer will always have to do a previous study of compatibility and of assembly of the elements in his installation and will be the only responsible for the putting in conformity of the above mentioned installation with the current regulations. In offers, drawings, schemes and other technical information, we reserve ourselves the right of property and of design, not allowing that these should be facilitated to third parties without our previous written assent.

fluidal *retains the property of the supplied merchandise until full payment of the agreed price.* fluidal *also retains the property of the Product's project, which in no circumstances shall be disclosed or sold to third parties.*

THE ASSEMBLIES AT THE LOCATION (PLANT) OF THE CUSTOMER

The offers of the assemblies done for the customer, in his elected location of work, are considered as an estimate (approximate calculation), due to the particular and special characteristics that they can represent, not being able to give place, except final agreement between the parts, to final prices.

REPAIRMENT

The works of repair will not begin until written acceptance, on the part of the Customer, of the offer and of the conditions established in it. Supposing that the offer is not accepted by the Customer within one month, the expenses derived from the disassembly, storage, survey and freightage will be chargeable to the Customer. If the Customer requests the repair before accepting the offer, the assemblies will be carried out as soon as possible and, for his part, the Customer will have to accept the final cost of the repair.

In case of delivery of new products in exchange for the repair, if this one was out of guarantee, the Customer will have to accept the payment corresponding to it. The budgets of repair are always as estimation and should not be considered as final prices.

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En caso de entregarse productos nuevos a cambio de la reparación, si esta estuviera fuera de garantía el Cliente deberá aceptar el cargo correspondiente a la misma.

Los presupuestos de reparación siempre son orientativos y en ningún caso deben tomarse como precios finales.

PLAZOS DE ENTREGA

fluidal se reserva la facultad de rechazar un pedido en función de la disponibilidad de los productos. En este supuesto, lo comunicara al comprador con la mayor brevedad posible.

El plazo de entrega será acordado por las partes contractuales. Los plazos de entrega se calcularán desde la fecha de recepción de la confirmación del pedido, pudiendo fluidal proceder sin interrupción alguna. fluidal no será responsable de las demoras en el suministro de toda o parte de la mercancía en el caso de fuerza mayor, tal como catástrofes naturales, limitaciones legales, huelgas, etc., o cualquier otra causa fuera de nuestro control. En el caso de darse alguna de las razones anteriormente citadas, el periodo de entrega se hará extensible al mismo período de tiempo que dure la causa que haya motivado el retraso. Sin embargo, si el período excediera de seis meses, fluidal podrá cancelar la parte no enviada notificando previamente por escrito al comprador.

Procuramos con el mayor interés, cumplir los plazos de entrega que se indican en nuestras ofertas o en nuestras confirmaciones de pedido, si bien es materialmente imposible responder plenamente de dicho cumplimiento, por depender de otros proveedores y de inesperadas circunstancias totalmente ajenas a nuestro posible control.

De ahí que no se aceptarán sanciones por demora en la entrega prevista.

DERECHO DE PROPIEDAD

fluidal mantiene la propiedad de la mercancía hasta que el comprador realice el pago por completo de la misma.

Será responsabilidad del comprador tomar las medidas necesarias para conservar en buen estado la mercancía hasta que haya sido pagada, debiendo asegurarse a fluidal el cobro de la misma en caso de haber sido vendida a terceras personas por el comprador.

GARANTÍA

No se responderá de ninguna reclamación que no sea efectuada dentro de los 12 meses siguientes a la entrega de la mercancía, ni se aceptarán devoluciones sin autorización previa o pasados 15 días desde la entrega de la mercancía. En cualquier caso, toda devolución deberá ir acompañada de copia de nuestra autorización y, siempre que no sea por causas imputables a fluidal , conllevará un recargo mínimo del 20 % sobre el coste del material devuelto, corriendo todos los gastos a cargo del cliente.

En relación con los defectos que aparezcan en los productos suministrados, fluidal aceptará como única responsabilidad u obligación, abonar la pieza o piezas defectuosas siempre que la mercancía haya sido tratada adecuadamente y que los defectos surgidos sean debidos a defectos de material o fabricación.

La garantía comprende la reposición o reparación de los elementos defectuosos a realizar en nuestros talleres.

La garantía se entiende siempre con el material presumiblemente defectuoso depositado en nuestras instalaciones, con los gastos de transporte y riesgo a cargo del comprador.

Los consejos y asesoramiento dados antes y post cierre del contrato, se realizan con la mejor intención y según nuestros máximos conocimientos, no obstante fluidal no asume ninguna clase de responsabilidades a este respecto, ni responderá de los eventuales daños directos o indirectos que indistintamente, por quién, dónde y por qué puedan producirse.

fluidal no será responsable de ninguna consecuencia o ningún daño indirecto producido al Comprador o a terceros, incluyendo los daños de pérdida de oportunidades, negocio o ingresos.

fluidal garantiza exclusivamente sus materiales excluyendo cualquier responsabilidad por los efectos o perjuicios que estos puedan provocar en instalaciones, maquinarias o circuitos. En ningún caso se responsabilizará de los accidentes personales o materiales y pérdidas de producción.

Se excluye de la garantía las averías producidas por mal uso o deficiente instalación, averías provocadas por sometimiento de los equipos a esfuerzos anormales con fines experimentales, de ajuste o prueba. La total responsabilidad de fluidal por los daños causados, independientemente del tipo de acción o teoría de la responsabilidad, no excederá del importe de la obra, instalación o materiales que haya sido objeto de pedido a fluidal . Cualquier importe que supere dicha cantidad y que fluidal se vea obligada a soportar ya sea por decisión judicial, arbitral o similar, será repetida a la compradora hasta lograr indemnidad.

Se encuentran excluidos de esta garantía:

- El uso de instalaciones o servicios, que se aparten de los manuales de instrucción o especificaciones de fluidal .
- El uso inadecuado de instalaciones o negligencia del Comprador, sus Ayudantes o Agentes.
- Las partes suministradas por el Comprador.

DELIVERY TERMS

fluidal *saves itself the right to reject an order depending on the availability of the products. In this supposition,* fluidal *will communicate it to the Customer as promptly as possible.*

The delivery time has to be approved by the contractual parts. The delivery time will be calculated from the date of receipt of the confirmation of the order, when fluidal *will be able to proceed without any interruption.* fluidal *will not be responsible for the delays in the supply of all or in part of the goods in case of major force, such as natural catastrophes, legal limitations, strikes, etc., or any other reason beyond our control. In case of any of the reasons previously mentioned, the period of delivery will be extensible to the same period of time that lasts the reason that has motivated the delay. Nevertheless, if the period exceeds six months,* fluidal *may cancel the part that couldn't be sent, by previously notifying the Customer in writing.*

We do our best to respect the delivery times that are indicated in our offers or in our order confirmations, though it is materially impossible to answer completely for the above mentioned fulfillment, since we depend on other suppliers and on unexpected circumstances totally foreign to our possible control. Won't be accepted any sanctions for the delay in the foreseen delivery.

RIGHT OF PROPERTY

fluidal *maintains the property of the materials (products) until the Customer makes the payment in full of the merchandise.*

The Customer is responsible for taking the necessary actions to preserve in good condition the merchandise until it has been paid, must insure fluidal *of the payment of the same one in case of having being sold to third persons by the Customer.*

WARRANTY

We won't attend any claim done after the 12 months following the delivery of the merchandise. Returned material will not be allowed without previous authorization or when the time between the purchase and the request for return exceeds 15 days.

In any case, all returned merchandise will have to be accompanied by a copy of our authorization and, providing that it is not for reasons attributable to fluidal *, will carry a minimal surcharge of 20 % on the cost of the returned material, all the expenses will be charged to the customer. Concerning the faults that appear in the supplied products,* fluidal *will only accept as unique responsibility or obligation, the paying of the product or defective products providing that the products (merchandise) have been treated adequately and that the arisen faults are due to faults of material or manufacture.*

The warranty includes the replacement or repair of the defective elements in our workshops. The warranty is understood always in relation with the presumably defective material deposited in our warehouse, but the costs of transport and the risk being at the expense of the Customer. The advices given before and post closing of the contract, are made with the best intention and according to our know-how, nevertheless fluidal *does not assume any category of responsibilities in this regard, nor will answer of the eventual direct or indirect damages that could take place indistinctly, no matter who, where and why they may take place.*

fluidal *will not be responsible for any consequence or indirect damages occurred to the Customer, and / or third Parties including but not limited to loss of opportunities, business and incomes.*

fluidal *guarantees exclusively its own materials, excluding any responsibility for the effects or damages that these could provoke in facilities, equipments or conductions. In no case will take responsibility for accidents related to individuals or materials or for losses in fabrication.*

The warranty excludes the breakdowns produced by badly use or deficient installation, breakdowns provoked by overloading of the equipments for experimental purposes, either for adjustment or testing. fluidal*'s total responsibility for the caused damages, independently of the type of action or theory of the responsibility, will not exceed the amount of the work done, installation or materials that have been object of the order to* fluidal.

Any amount that exceeds the above mentioned quantity, and any amount that fluidal *will have to support either for judicial, arbitral or similar decision, will be transmitted to the Customer until obtaining indemnity.*

Will be excluded from this warranty:

- *The use of facilities or services, which are different of those included in the manuals of instruction or in* fluidal*'s specifications.*
- *The inadequate use of facilities or negligence of the Customer, his Assistants or Agents.*
- *The parts supplied by the Customer.*

FREIGHTAGES

By merchandise we always mean the one deposited in fluidal*'s warehouse, even in operations conditioned by the delivery at destination and the merchandise will always travel at the account and risk of the Customer, being at his charge, including the additional insurances that could be established and the special permissions it may need. According to what it is established in the article 18 of the Royal decree 782/1998 concerning wrapping and packaging mentioned in the 1st additional Disposition (Regulation) of the Law 11/1997, the person responsible for the delivery of the residues of the packaging and worn packages, for the correct environmental management, will be the final user.*

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PORTES

La mercancía se entiende siempre depositada en el domicilio de fluidal , incluso en operaciones condicionadas a la entrega en destino y la mercancía siempre viajará por cuenta y riesgo del comprador, siendo a su cargo inclusive los seguros adicionales que pudieran establecerse y los permisos especiales a que hubiera lugar.

Según se establece en el artículo 18 del Real Decreto 782/1998 para los envases y embalajes acogidos a la Disposición adicional 1.ª de la Ley 11/1997, el responsable de la entrega de los residuos de los embalajes y envases usados, para su correcta gestión ambiental, será el usuario final.

ENVÍOS DE EMERGENCIA

Sea cual fuere el medio de transporte utilizado, avión, courier, régimen de equipajes, agencias especiales, mensajeros etc. Independientemente del importe de dicho servicio, el comprador correrá con todos los gastos extra, los de acarreos, de desplazamientos, y de comunicaciones que el servicio haya ocasionado, sin que en ningún caso este valor pueda ser inferior a 60 euros.

PEDIDOS ESPECIALES

Todo pedido de material especial, conllevará el pago anticipado del 50 % del importe del pedido, como condición indispensable para su aceptación. Dicho importe quedará siempre a favor de fluidal como indemnización en cualquier caso de anulación por parte del comprador, sin perjuicio de las reclamaciones que por Ley se puedan tener derecho.

VENTA MÍNIMA

La facturación mínima será de 50 € sea cual sea el importe del pedido.

PAGOS

Los pagos se realizarán como máximo y salvo acuerdo expreso entre las partes, a 60 días desde la fecha de la factura y previa recepción de los informes positivos de crédito. Si el comprador no efectuare el pago de cualquiera de los suministros a su vencimiento, fluidal está autorizado a suspender los envíos posteriores hasta que se realice dicho pago. Cualquier cargo bancario asociado con el pago de la mercancía, así como los gastos de devolución de efectos en caso de impago, serán por cuenta del comprador.

En caso de demora en el pago y sin perjuicio de otros derechos atribuidos al comprador por la legislación en vigor, el comprador abonará a fluidal un interés de demora del 2 % mensual desde la fecha de vencimiento de la factura.

COBRO DE LETRAS O RECIBOS DEVUELTOS O APLAZADOS

Serán a cargo del librado:

- Gastos de devolución.
- Intereses del 1 % mensual desde el día del vencimiento fallido hasta la fecha de cobro definitivo.
- Posible valor del timbre de nuevos documentos.
- Prima de seguro de crédito.

PAGOS COINCIDENTES EN VACACIONES

Si el cliente no pudiese atender los pagos que coincidiesen con periodos vacacionales, éstos se trasladarán al mismo día del mes anterior. En caso de existir días fijos de pago, el vencimiento se trasladará al día hábil de pago inmediatamente anterior.

USO DE SOFTWARE

En la medida en que el volumen de entrega incluye la puesta a disposición de software, el cliente tiene el derecho no exclusivo a usarla incluyendo la documentación adjunta. Se le cede el software para el uso en el objeto de entrega al cual va destinado. No se admite el uso de este software en otro sistema. La modificación, traducción o adaptación de código de objeto a código de origen así como la reproducción de software solamente se admite en la medida legalmente establecida. El cliente se compromete a no retirar las indicaciones del fabricante, especialmente indicaciones del Copyright sin el consentimiento previo de fluidal . Todos los demás derechos sobre el software y la documentación incluyendo las copias, corresponden a fluidal o al proveedor del software. No se admite la concesión de sublicencias.

DERECHO APLICABLE Y JURISDICCIÓN

Las relaciones jurídicas entre DICSA y el comprador están sujetas al derecho Español. El tribunal competente será el del domicilio de fluidal . Sin embargo, fluidal podrá optar por interponer las acciones legales correspondientes en el domicilio del comprador.

EMERGENCY DELIVERIES

No matter the type of the transportation used: by plane, courier, as baggage (luggage), special agencies, messengers etc; independently of the amount of the above mentioned service, the Customer will pay all the extra expenses, those of transportations, of shipping, and of communications that the service has caused; this value may not, under no circumstance, be lower than 60 euros.

SPECIAL ORDERS

Any order (request) of special material, will carry the anticipated payment of 50 % of the amount of the order (request), as an indispensable condition for its acceptance. The above mentioned amount will always be in favor of fluidal *as compensation in case of cancellation on the part of the Customer, without prejudice of the claims at which they may have right by Law.*

MINIMAL SALE

The minimal invoice will be of 50 €, no matter the amount of the order.

PAYMENTS

The payments have to be done, except express written agreement between the parts, in maximum 60 days from the date of the invoice and previous receipt of the positive reports of credit. If the Customer doesn't make the payment in time, for a part of the merchandise supplied, fluidal *is authorized to suspend the posterior deliveries until the Customer executes the due payments. Any bank charges associated with the payment of the merchandise, as well as the expenses of return of it in case of non-payment, will be at the expense of the Customer. In case of delay in the payment and without prejudice of other rights attributed to the buyer for the legislation in effect, the Customer will pay to* fluidal *an interest of monthly delay of 2 % starting from the date when the invoice comes to its term.*

UNPAID OR POST-PONED INVOICES

Will be at the expense of the Customer:

- *The return expenses.*
- *Monthly interests of 1 %, from the day when the payment has come to its term and wasn't made, until the date of full payment.*
- *Possible amount (value) of the stamp of the new documents.*
- *The credit insurance.*

COINCIDENTAL PAYMENTS IN VACATIONS

If the client could not attend to the payments that were coinciding with vacation periods, these will move to the same day of the previous month. In case there are fixed days of payment, the term of the invoice will move to the immediately previous working day of payment.

THE SOFTWARE USE

If the delivery includes the putting at the disposal of the Customer software, the Customer has the exclusive right to use it, including the attached documentation. The software is sent for the use in the object of delivery to which it is destined. It is forbidden the use of this software into any other system. The modification, translation or adjustment of the code of object to code of origin as well as the reproduction of software is only admitted into the legally established limits. The Customer promises not to withdraw the indications of the manufacturer, especially the indications of the Copyright, without fluidal*'s previous assent. All the other rights on the software and the documentation including the copies, they belong to* fluidal *or to the supplier of the software. The concession of sublicenses is not admitted.*

GOVERNING LAW AND JURISDICTION

These General Conditions and any agreement between fluidal *and the Customer shall be exclusively governed by Spanish laws. The exclusive jurisdiction on any dispute between the* fluidal *and the Customer shall be the courts of* fluidal*'s domicile. Nevertheless,* fluidal *has also the right to bring legal action against the Customer before the courts of the place of business and/or residence of the Customer.*