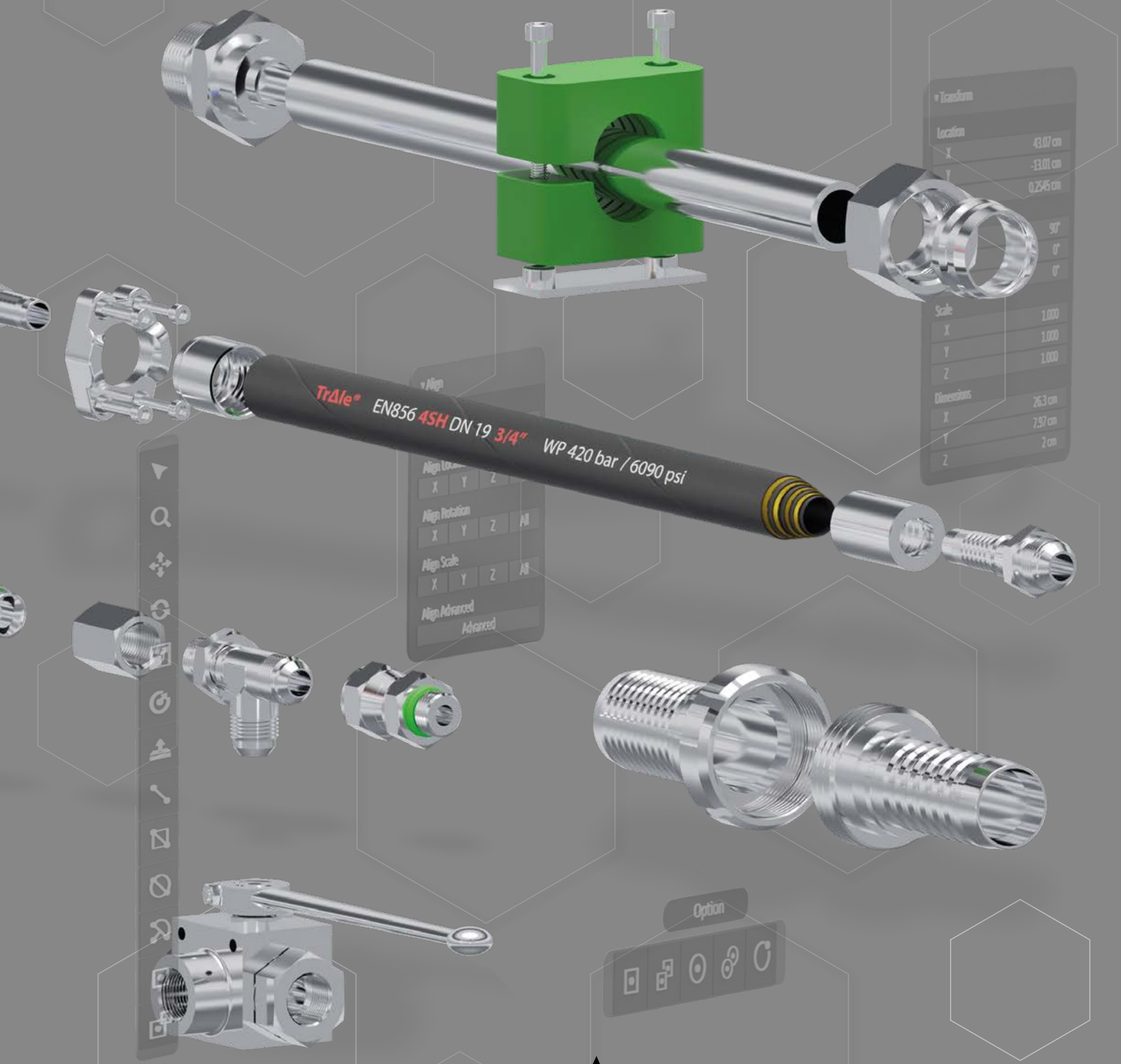
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Racor doble anillo TRΔLE® Lok
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Raccord double bague TRΔLE® Lok



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Armaturen Serie BW+ R13/R15 ohne Schälung
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Casquillos para conexiones una sola pieza
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Armaturen Serie BW+ R13/R15 ohne Schälung
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Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
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Einteilige Armaturen PTFE-Glattschlauch/ R14
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One piece fittings for convoluted PTFE 80
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01

CRIMPING FITTINGS FOR HOSES

Conexiones para Flexibles

Pressfassungen für Schlauchleitungen

Embouts à sertir pour flexibles

STANDARD SERIES

Serie Standard

TrΔle® | TrΔle® GOLD | GREENLINE





SAE 100 R6 | EN 854 2TE

81014



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

ZPF22120... | ZSC2112... | ZSC2112/ZPF22120



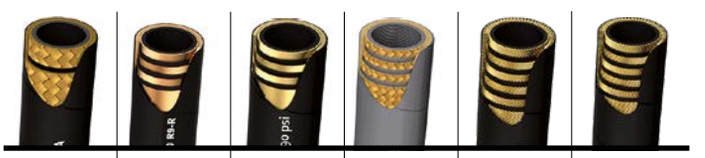
EN 853 2SN SAE 100 R2AT 2SNK | EXCEED EN 857 2SCK (NEW) | EN 857 2SC SUPERSERVICE 2SC 155°

ZPF22120...



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

ZPF12240...

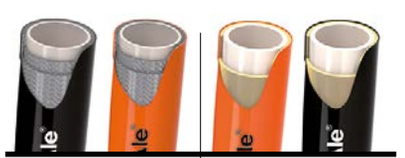


3SP | EN 856 4SP SAE 100 R9R | EN 856 4SH | EN856 R12 SAE 100 | EN 856 R13 SAE 100 | SAE 100 R15

NO PELAR NO SKIVE

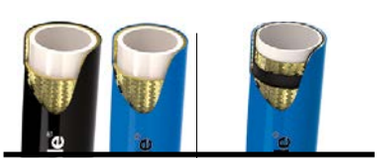
3/4"-1"

ZPF2224...



SAE 100 R7 EN 855 | SAE 100 R8 EN 855

81014...



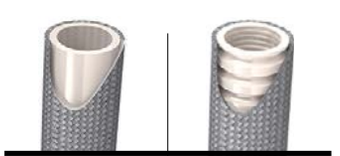
Metallic 1 braid | Metallic 2 braid

81014... | ZPF1224



Ecology 200 | Ecology 250

Z2120...



Smooth PTFE R14 1 braid | Convoluted PTFE Standard

88040... | 88041...



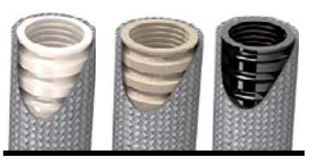
PTFLEX

81041...



Smooth PTFE R14 1 braid | Smooth PTFE 2 braid

81040... | 81045...



Standard | Fiberglass | Antistatic

Convoluted PTFE

81041...

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BW+ SERIE NO SKIVE

BW+ Series no pelar





EN 856 R13 SAE 100	SAE 100 R15



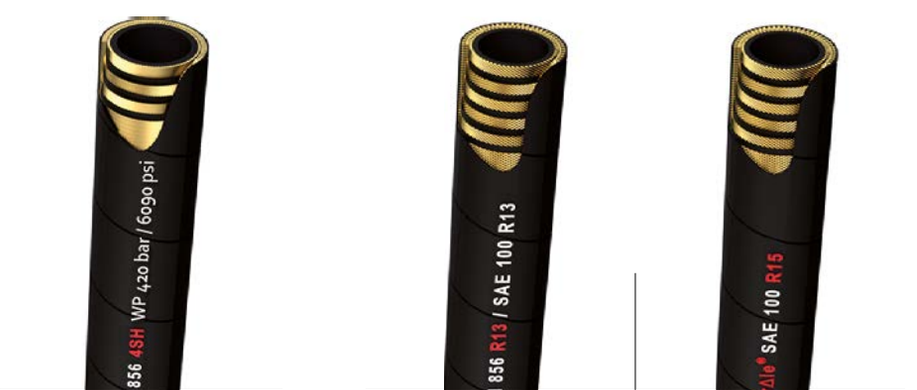
ZAC69010...

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

INTERLOCK SERIES

Serie Interlock





EN 856 4SH	EN 856 R13 SAE 100	SAE 100 R15



ZA61010...

ZA61010...
Z61010...

ONE PIECE SERIES

Serie Compacta
Einteilige Armaturen
Série Pré-sertis

One piece fittings 1SC / 1SN / 2SC / R6 / 2TE

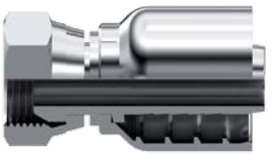
Conexiones compactas 1SC / 1SN / 2SC / R6 / 2TE
Einteilige Armaturen 1SC / 1SN / 2SC / R6 / 2TE
Embouts pré-sertis 1SC / 1SN / 2SC / R6 / 2TE



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

One piece fittings 43 Series R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE /R17

Conexiones compactas Serie 43 R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE/ R17
Einteilige Armaturen Serie 43 R1AT / R2AT / 1SN / 2SN / R16 / 2SC /3TE/R17
Embouts pré-sertis R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE Série 43/R17



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

One piece fittings Standar BWS Series NON SKIVE 3SP / 4SP / 4SH / R12

Conexiones compactas Serie BWS NO PELAR 3SP / 4SP /4SH / R12
Einteilige Armaturen Serie BWS OHNE SCHÄLUNG 3SP / 4SP / 4SH / R12
Embouts pré-sertis BWS SANS DÉNUDÉ 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"

One piece fittings BW+ Series NON SKIVE R13 / R15

Conexiones compactas Serie BW+ NO PELAR R13 / R15
Einteilige Armaturen Serie BW+ OHNE SCHÄLUNG R13 / R15
Embouts pré-sertis BW+ SANS DÉNUDÉ R13 / R15



NO PELAR
NO SKIVE

EN 856 SAE 100 R13	SAE 100 R15

Piece fittings R7 / R8 & braid of steel wire

Conexiones compactas R7 / R8 y elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7 / R8 et tresse métallique



SAE 100 R7	SAE 100 R8	Metallic braid elastomer

One piece fittings for smooth PTFE R14

Conexiones compactas PTFE liso R14
Einteilige Armaturen PTFE-Glattschlauch R14
Embouts pré-sertis pour PTFE lisse R14



Smooth PTFE 1 braid

One piece fittings for convoluted PTFE

Conexiones compactas PTFE corrugado
Einteilige Armaturen PTFE-Wellschlauch
Embouts pré-sertis pour PTFE convolute



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ZPF2212


82003


ZPF2212_R4


ZSC2112


ZPF1224


ZPF2224


81014


Z21200


81040


81041


81045


88040


88041

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83050


KZTHAP

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Z1092

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ZBBE


ZTB


ZBCE


JBR


ORING

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Z61010

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Jupes pour embouts pré-sertis


ZPFC2212


ZPF2224


88012


88040


88041


ZSCC2112


ZAC69010

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
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88900 88907 88912 88908

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88361 88261 88262 88263 88161 88165

One piece SAE Flanges fittings ▪ Conexiones una sola pieza Bridas SAE ▪ Einteilige Armaturen SAE-Flansche ▪ Embouts pré-sertis Brides SAE | 56



88182 88183 88184 88282 88283 88284

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88804 88203 88305 88306

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88400 88100 88200 88107 88108 88112

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Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar
Einteilige Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder

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Conexiones una pieza Serie BW+ R13/R15 No Pelar
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Z69510 Z69112 Z69517 Z69518

One piece fittings R7/R8 & Elastomer Braid of steel wire

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

37° JIC One piece fittings R7/R8 ▪ Conexiones una sola pieza R7/R8 JIC 37° ▪ Einteilige Armaturen R7/R8 JIC 37° ▪ Embouts pré-sertis R7/R8 JIC 37° | 70



87242 87138 87140 87142 87139

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87900 87907 87912 87908

NPT-NPSM One piece fittings R7/R8 ▪ Conexiones una sola pieza R7/R8 NPT-NPSM ▪ Einteilige Armaturen R7/R8 NPT-NPSM ▪ Embouts pré-sertis R7/R8 NPT-NPSM | 72



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One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14
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Embouts pré-sertis pour PTFE lisse/ R14

37° JIC One piece fittings smooth PTFE / R14 ▪ Conexiones una sola pieza PTFE liso / R14 JIC 37° ▪ Einteilige Armaturen PTFE-Glattschlauch / R14 JIC 37° ▪ Embouts pré-sertis PTFE lisse / R14 JIC 37° | 75



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86900 86907 86912 86908

NPT-NPSM One piece fittings smooth PTFE / R14 ▪ Conexiones una sola pieza PTFE liso/ R14 NPT-NPSM ▪ Einteilige Armaturen PTFE-Glattschlauch / R14 NPT-NPSM ▪ Embouts pré-sertis PTFE lisse / R14 NPT-NPSM | 77



86361 86262 86161 86261 86263

Metric One piece fittings smooth PTFE / R14 ▪ Conexiones una sola pieza PTFE liso / R14 Métricas ▪ Einteilige Armaturen PTFE-Glattschlauch / R14 metr. ▪ Embouts pré-sertis PTFE lisse / R14 Métriques | 78



86804 86305 86203 86306

BSP One piece fittings smooth PTFE / R14 ▪ Conexiones una sola pieza PTFE liso / R14 BSP ▪ Einteilige Armaturen PTFE-Glattschlauch / R14 BSP ▪ Embouts pré-sertis PTFE lisse/ R14 BSP | 79



86400 86107 86112 86100 86108

One piece fittings standpipe / R14 ▪ Conexiones una sola pieza PTFE liso / R14 Espiga Lisa ▪ Einteilige Armaturen PTFE-Glattschlauch / R14 Rohrstutzen RS ▪ Embouts pré-sertis PTFE lisse / R14 embout lisse | 79



86159

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellschlauch
Embouts pré-sertis pour PTFE convoluté

One piece fittings for convoluted PTFE JIC 37° ▪ Conexiones una sola pieza PTFE Corrugado JIC 37° ▪ Einteilige Armaturen PTFE-Wellschlauch JIC 37° ▪ Embouts pré-sertis pour PTFE convoluté JIC 37° | 80



85242 85138 85140 85142 85139

One piece fittings for convoluted PTFE ORFS ▪ Conexiones una sola pieza PTFE Corrugado ORFS ▪ Einteilige Armaturen PTFE-Wellschlauch ORFS ▪ Embouts pré-sertis pour PTFE convoluté ORFS | 81



85900 85907 85912 85908

One piece fittings for convoluted PTFE NPT-NPSM ▪ Conexiones una sola pieza PTFE Corrugado NPT-NPSM ▪ Einteilige Armaturen PTFE-Wellschlauch NPT-NPSM ▪ Embouts pré-sertis pour PTFE convoluté NPT-NPSM | 82



85361 85262 85161 85261 85263

One piece fittings for convoluted PTFE Metrical ▪ Conexiones una sola pieza PTFE Corrugado Métricas ▪ Einteilige Armaturen PTFE-Wellschlauch metr. ▪ Embouts pré-sertis pour PTFE convoluté Métriques | 83



85804 85305 85203 85306

One piece fittings for convoluted PTFE BSP ▪ Conexiones una sola pieza PTFE Corrugado BSP ▪ Einteilige Armaturen PTFE-Wellschlauch BSP ▪ Embouts pré-sertis pour PTFE convoluté BSP | 84



85400 85107 85112 85100 85108

Reusable series

Conexiones Reusables
Schraubarmaturen
Embouts série récupérable

Reusable One Piece fittings ▪ Conexiones una sola pieza Reusables ▪ Einteilige Wiederverwendbare Armaturen ▪ Embouts série récuperable 1 piéce | 85


Z3J...R2T


Z2NPT...R2T

Crimping ferrules ▪ Casquillos reusables ▪ Wiederverwendbare Pressfassungen ▪ Jupes à sertir | 85


Z1G...R1T


Z1G...R2T

Reusable BSP ▪ Conexiones BSP ▪ Wiederverwendbare Armaturen BSP ▪ Récuperables BSP | 85


Z3G


Z90G


Z2G

Reusable JIC 37° ▪ Conexiones JIC 37° ▪ Wiederverwendbare Armaturen JIC 37 ▪ Récuperables JIC 37° | 86


Z3J


Z2J


Z3J90


Z3J45

Reusable NPT ▪ Conexiones NPT ▪ Wiederverwendbare Armaturen NPT ▪ Récuperables NPT | 86


Z2NPT

Reusable Metric ▪ Conexiones Métricas ▪ Wiederverwendbare Metrischen Armaturen ▪ Récuperables Métriques | 86


ZE

Reusable R5 ▪ Conexiones R5 ▪ Wiederverwendbare Armaturen R5 ▪ Récuperables R5 | 87


Z3J...R5


Z3J90...R5


Z2P...R5


Z3J45...R5

Push-On Fittings

Conexiones Push-On
Aufsteck-Armaturen
Embouts Push-On

Push-on BSP fittings ▪ Conexiones Push-On BSP ▪ Aufsteck-Armaturen BSP ▪ Embouts Push-on BSP | 88


89100


89112

Push-on 37° JIC fittings ▪ Conexiones Push-On JIC 37° ▪ Aufsteck-Armaturen JIC 37° ▪ Embouts Push-on JIC 37° | 88


89142


89140

Push-on NPT fittings ▪ Conexiones Push-On NPT ▪ Aufsteck-Armaturen NPT ▪ Embouts Push-on NPT | 88


89161

Push-on Metric fittings ▪ Conexiones Push-On Métricas ▪ Aufsteck-Armaturen metr. DIN 2383 ▪ Embouts Push-on Métriques | 88


89804


89203

High pressure 700 bar fittings

Conexiones Alta Presión (700 bar)
Armaturen Hochdruck (700bar)
Embouts haute pression 700 bar

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



Z71012

BSP Fittings ▪ Conexiones BSP ▪ Armaturen BSP ▪ Embouts BSP | 89



Z74100



Z74112

NPSM - NPT Fittings ▪ Conexiones NPSM - NPT ▪ Armaturen NPSM - NPT ▪ Embouts NPSM - NPT | 89



Z74261



Z74161

JIC 37° Fittings ▪ Conexiones JIC 37° ▪ Armaturen JIC 37ª ▪ Embouts JIC 37° | 89



Z74142



Z74140

Metric Fittings ▪ Conexiones Métricas ▪ Metr. Armaturen ▪ Embouts métriques | 89



Z74804



Z74203

MARINE EQUIPMENT DIRECTIVE
DNV
2014/90/EU

ABS
TYPE APPROVED PRODUCT

Mangueras/Hoses:

TrΔle®

TrΔle® GOLD

Mangueras/Hoses:

SEL HOSES

SEMPERIT



CONEXIONES FABRICADAS POR *FITTINGS MANUFACTURED BY* DICSA

CERTIFIED
ISO 9001
ISO 14001
BUREAU VERITAS

SUSTAINABLE DEVELOPMENT GOALS

ACIE
AGENCIA DE CERTIFICACIÓN EN INNOVACIÓN ESPAÑOLA

Gates



MARINE EQUIPMENT DIRECTIVE
DNV
2014/90/EU

Standard series

Conexiones Standard
Standardserie
Embouts série standard

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

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

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

Jupes 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**	-

* **Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Ferrules R1A-1ST

Casquillos R1A-1ST

Pressfassungen R1A-1ST

Jupes 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**	-

Ferrules R4

Casquillos R4

Pressfassungen R4

Jupes R4



DN	Referencia Part n°	€
3/4"	**ZPF221201200R4**	-

For other sizes, please check out the crimping table on our website. / *Para otras medidas, consultar tablas de prensado en nuestra web.* / Für andere DN Größe, überprüfen Sie bitte die Pressmaaßtabelle auf unserer Webseite. / *Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web.*

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

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

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

Jupes 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**	-

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

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

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

Jupes 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**	-

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

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

Pressfassungen 3SP/4SP/R12/4SH ohne Schälung

Jupes 3SP/4SP/R12/4SH sans dénudage



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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Ferrules R7/R8 and metallic braid / R6

Casquillos R7/R8 y elastómero malla metálica / R6

Pressfassungen R7/R8 und Elastomer/Metallumfl. / R6

Jupes R7/R8 et tresse métallique / 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**	-

Ferrules for Ecology hose and Sewer Jetting hose

Casquillos para mangueras Ecology y limpieza de alcantarillas

Pressf. für Schlauchtyp ECOLOGY und Abflussreinigung

Jupes pour tuyau Ecology et tuyau Hydrocurage



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

Ferrules for smooth PTFE

Casquillos PTFE Liso

Pressfassungen für PTFE-Glattschläuche

Jupes PTFE lisse



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**	-

Ferrules for convoluted PTFE

Casquillos PTFE Corrugado

Pressfassungen für PTFE-Wellschläuche mit Umfl.

Jupes PTFE convoluté



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**	-

Ferrules for double braid smooth PTFE

Casquillos PTFE Liso doble malla

Pressfassungen für PTFE-Glattschläuche Doppelgeflecht

Jupes PTFE lisse double tresse



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

For other sizes, please check out the crimping table on our website. */ Para otros tamaños, consultar tabla de prensado en nuestra web. /* Für andere DN Größe, überprüfen Sie bitte die Pressmaaßtabelle auf unserer Webseite. */ Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web.*

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Ferrules for smooth PTFE, smooth profile

Casquillos PTFE Liso, perfil liso

Pressfassungen für PTFE-Glattschläuche. glattes Profil

Jupes PTFE lisse,profil lisse



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

Ferrules for convoluted PTFE, smoth proflie

Casquillos PTFE Corrugado, perfil liso

Pressfassungen für PTFE-Wellschläuche, glattes Profil

Jupes PTFE convoluté, profil lisse



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



Standard series

Conexiones Standard
Standardserie
Embouts série standard

BSP Swivel female 60° cone

Hembras giratorias rectas rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter DKR

Femelle gaz cylindrique BSP 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	**841000804**	NEW	-
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**		-

BSP Swivel female 60° cone with o-ring

Hembras giratorias rectas rosca BSP cono 60° con junta tórica

Dichtkopf mit BSP Ü-Mutter DKR mit O-Ring

Femelle gaz cylindrique BSP 60° avec o-ring



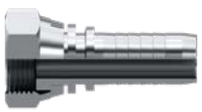
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	**841100404**	-
3/8"	3/8" BSP	**841100606**	-
3/8"	1/2" BSP	**841100806**	-
1/2"	1/2" BSP	**841100808**	-
5/8"	1/2" BSP	**841100810**	-
1/2"	3/4" BSP	**841101208**	-
5/8"	3/4" BSP	**841101210**	-
3/4"	3/4" BSP	**841101212**	-
1"	1" BSP	**841101616**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

BSP Swivel female flat seat

Hembras giratorias rectas rosca BSP asiento plano

Dichtkopf mit BSP Ü-Mutter flachdichtend DKR-FLD

Femelle fond plat BSP



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**	-

Double hexagonal BSP Swivel female cone 60°

Hembras giratorias recta rosca BSP cono 60° doble hexagonal

Dichtkopf mit BSP Ü-Mutter DKR doppelt 6 kt

Femelle BSP cône 60° double hexagonal



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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

BSP Swivel female 60° cone (90° Elbow)

Hembras giratorias 90° rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60° DKR 90°

Coude 90° femelle gaz cyl. BSP 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**	-

*** Welded piece** / **Pieza soldada* / **Geschweißte stück* / **Pièce soudé*

BSP Swivel female flat seat (90° Elbow)

Hembras giratorias 90° rosca BSP asiento plano

Dichtkopf mit BSP Ü-Mutter 90° Bogen flachdichtend DKR-FLD

Coude 90° femelle fond plat BSP



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**	-

BSP Swivel female 60° cone (45° Elbow)

Hembras giratorias 45° rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 60° DKR kon. 45°

Coude 45° femelle gaz cyl. BSP 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**	-

BSP Swivel female flat seat (45° Elbow)

Hembras giratorias 45° rosca BSP asiento plano

Dichtkopf mit BSP Ü-Mutter 45° flachdichtend DKR-FLD

Coude 45° femelle fond plat BSP



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**	-

BSP swivel female 60° (90° Compact Elbow)

Hembras giratorias 90° compactas rosca BSP cono 60°

Dichtkopf BSP 60° kon. DKR einteilig 90°

Coude femelle 90° compact BSP cône 60°



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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

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

Hembras giratorias 90° rosca BSP cono 60° con junta tórica
Dichtkopf mit BSP Ü-Mutter 60° kon. 90° mit Dichtung DKR
Coude 90° femelle gaz cyl. BSP 60° avec 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**	-

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

Hembras giratorias 45° rosca BSP cono 60° con junta tórica
Dichtkopf mit BSP Ü-Mutter 60° mit O´Ring 45° DKR kon.
Coude 45° femelle gaz cyl. BSP 60° avec 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**	-

O'ring for swivel female BSP FKM green

Juntas para hembra giratoria BSP FKM verde
Dichtungen FKM grün für DKR
Joint torique pour femelle tournante BSP FKM vert



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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

BSP Male flat seat

Machos rosca cilíndrica BSP asiento plano

BSP Außengewinde flachdichtend AGR FLACH

Mâle BSP fond plat



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**	-

BSP Male-parallel 60° cone

Machos rosca cilíndrica BSP cono 60°

Außengewinde BSP NORM AGR

Mâle BSP cône 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**	-

Male BSPT tapered

Macho rosca cónica BSPT cono 60°

Außengewinde BSPT Kegelig

Mâle gaz conique BSPT 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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Double hexagonal NPSM Swivel female cone 60°

Hembras giratorias rectas rosca NPSM cono 60° doble hexagonal
Dichtkopf mit Ü-Muttern NPSM kon. 60° doppelt 6 kt
Femelle NPSM cône 60° double hexagonal



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**	-

NPSM Swivel female 60° cone

Hembras giratorias rectas rosca NPSM cono 60°
Dichtkopf mit NPSM Ü-Muttern kon. 60°
Femelle NPSM cône 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**	-

NPSM Swivel female 60° cone (90° Elbow)

Hembras giratorias 90° rosca NPSM cono 60°
Dichtkopf mit NPSM Ü-Mutter 60° kon. 90°
Coude 90° femelle NPSM cône 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**	-

NPSM Swivel female 60° cone (45° Elbow)

Hembras giratorias 45° rosca NPSM cono 60°
Dichtkopf mit NPSM Ü-Mutter 60° kon. 45°
Coude 45° femelle NPSM cône 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**	-

NPT Male pipe straight

Machos rosca cónica NPT
Außengewinde kon. NPT AGN
Embout mâle conique NPT (BRIGGS)



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**	-

Swivel male NPT

Machos giratorios NPT
Außengewinde NPT
Mâle tournant 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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Double hexagonal JIC 37° Swivel female

Hembras giratorias recta JIC 37° doble hexagonal

Dichtkonus mit Ü-Mutter JIC 37° DKJ doppelt 6 kt

Femelle JIC 37° double hexagonal



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**	-

JIC 37° Swivel female

Hembras giratorias recta JIC 37°

Dichtkonus mit Ü-Mutter JIC 37°

Femelle droite JIC cône 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**	-

JIC 37° Swivel female (90° Elbow)

Hembras giratorias 90° JIC 37°

Dichtkonus JIC 37° DKJ 90°

Coude 90° femelle JIC cône 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**	-

JIC 37° Swivel female (45° Elbow)

Hembras giratorias 45° JIC 37°

Dichtkonus JIC 37° DKJ 45°

Coude 45° femelle JIC cône 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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Male JIC 37°

Machos rosca JIC cono 37°

Außengewinde JIC 37° AGJ

Mâle fixe JIC cône 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**	-

Male JIC 37° with o'ring

Machos rosca JIC cono 37° con junta

Außengewinde JIC 37° AGJ mit Dichtung

Mâle fixe JIC cône 37° avec 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**	-

JIC 37° Swivel female (90° Compact Elbow)

Hembras giratorias 90° compactas JIC 37°

Dichtkonus JIC 37° einteilig 90° DKJ

Coude femelle 90° compact JIC cône 37°



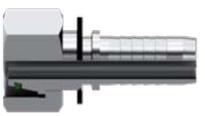
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	**841370704**	-
3/8"	9/16" 18h UNF	**841370906**	-
1/2"	3/4" 16h UNF	**841371208**	-
3/4"	1"1/16 12h UNF	**841371712**	-
1"	1"5/16 12h UNF	**841372116**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Metric female swivel L with o'ring 24° cone

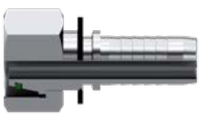
Hembras giratorias rectas DKOL rosca Métrica cono 24°
Dichtkegel mit Ü-Mutter L und O-Ring DIN 20078 DKOL/DKOS
Femelle Métrique L avec o'ring cône 24°



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**	-

Metric female swivel S with o'ring 24° cone

Hembras giratorias rectas DKOS rosca Métrica cono 24°
Dichtkegel mit Ü-Mutter S und O-Ring DIN 20078 DKOL/DKOS
Femelle Métrique S avec o'ring cône 24°



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**	-

Standard series

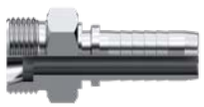
Conexiones Standard
Standardserie
Embouts série standard

Metric Male stud 24° cone

Machos rosca Métrica cono 24°

Gewindezapfen L/S DIN 20078 D/E CEL/CES

Mâle métrique cône 24°



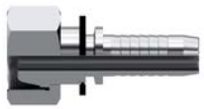
DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	6	L	M12x1.5	**84203120604**	-
1/4"	8	L	M14x1.5	**84203140804**	-
1/4"	10	L	M16x1.5	**84203161004**	-
5/16"	10	L	M16x1.5	**84203161005**	-
3/8"	10	L	M16x1.5	**84203161006**	-
1/4"	12	L	M18x1.5	**84203181204**	-
5/16"	12	L	M18x1.5	**84203181205**	-
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**	-

Metric female swivel 24°/60° cone

Hembras giratorias rectas rosca Métrica cono 24°/60°

Dichtkegel mit Ü-Mutter metr. kon. 24°/60° DKM

Femelle Métrique cône 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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

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

Hembras giratorias DKO 90° Métricas cono 24°

Dichtkegel mit Ü-Mutter und O-Ring DIN 20078 90° Bogen DKOL 90° / DKOS 90°

Coude 90° femelle Métrique cône 24° avec 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**	-

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

Hembras giratorias DKO 45° Métricas cono 24°

Dichtkegel mit Ü-Mutter und O-Ring DIN 20078 45° Bogen DKOL 45° / DKOS 45° kon.

Coude 45° femelle Métrique cône 24° avec 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**	-

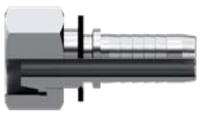
***On request** / Consultar / **Auf Anfrage** / Sur demande

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Metric female swivel without o'ring 24° cone

Hembras giratorias rectas rosca Métrica 24° sin junta tórica
Dichtkegel mit U-Mutter ohne O-Ring DIN 20078 DKL/DKS
Femelle Métrique cône 24° sans 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**	-

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

Hembras giratorias 90° Métricas 24° sin junta tórica
Dichtkegel mit Ü-Mutter ohne O-Ring DIN 20078 90° Bogen DKL 90°/DKS 90°
Coude 90° femelle Métrique cône 24° sans 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**	-

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

Hembras giratorias 45° Métricas 24° sin junta tórica
Dichtkegel mit Ü-Mutter ohne O-Ring DIN 20078 45° Bogen DKL 45°/DKS 45° kon.
Coude 45° femelle Métrique cône 24° sans 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



Standard series

Conexiones Standard
Standardserie
Embouts série standard

Metric standpipe for ISO 8434-1 / DIN2353 fittings

Espigas lisas rectas Métricas ISO 8434-1 / DIN2353

Metr. Stutzen BEL /BES gerade ISO 8434-1 / DIN2353

Embout lisse droit Métrique 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**	-

Fractional Straight standpipe

Espigas lisas rectas para tubo en pulgadas

Zölliger Stutzen gerade glatt

Embout lisse tube pouce



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**	-

Fractional HEX Straight standpipe TrAle® LOK

NEW

Espigas lisas rectas HEX para tubo en pulgadas TrAle® LOK

Zölliger Stutzen gerade glatt HEX TrAle® LOK

Embout lisse tube HEX pouce TrAle® 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**	-

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

Espigas lisas 90° Métricas ISO 8434-1 / DIN2353

Metr. Stutzen BEL/BES 90° ISO 8434-1 / DIN2353

Embout lisse coude 90° Métrique 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**	-

Fractional standpipe (90° Elbow)

Espigas lisas 90° para tubo en pulgadas

Zölliger Stutzen glatt 90°

Embout lisse coude 90° tube pouce



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

Standard series

Conexiones Standard
Standardserie
Embouts série standard

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

Espigas lisas 45° Métricas ISO 8434-1 / DIN2353

Metr. Stutzen BEL/BES 45° ISO 8434-1 / DIN2353

Embout lisse coude 45° 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**	-

*** Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Fractional Standpipe for inch tube (45° Elbow)

Espigas lisas 45° para tubo en pulgadas

Zölliger Stutzen glatt 45°

Embout lisse coude 45° tube pouce



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

Double crimp standpipe

Espigas de prensar dobles

Doppelnippel

Embout double jonction



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**	-

Welding standpipes

Espigas soldables

Schweißstutzen

Embout lisse à souder



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**	-

*** Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Standpipes for hidrowashing machines

Espigas para Hidrolavadoras

Stutzen für Waschgeräte

Embouts lisses pour hydrolavage



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

Hexagonal nuts for hydrowashing machines

Tuercas para terminales hidrolavadoras inox

Edelstahl-Muttern für Hochdruckreiniger

Écrous pour hidronettoyages



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

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Banjo BSP

Orientables BSP

Ringaugen BSP RN-BSP

Banjo droit gaz 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**	-

BSP Bolt for banjo

Tornillo orientable simple BSP

Einfache Hohlschraube BSP für Ringauge

Vis creuse simple pour banjo gaz



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**	*

Banjo Metric

Orientables Métricos

Ringaugen metr. nach DIN 7642 RN

Banjo droit Métrique



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**	-

Metric bolt for banjo

Tornillo orientable simple Métrico

Einfache Hohlschraube metr. für Ringauge

Vis creuse simple for banjo Métrique



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**	*

***On request /** Consultar **/ Auf Anfrage /** Sur demande

Standard series

Conexiones Standard
Standardserie
Embouts série standard

3000 PSI SAE Straight Flange / Code 61

Bridas rectas SAE 3000 PSI

Gerader Flansch SAE 3000 PSI

Bride SAE droite série 3000 PSI



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**	-

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

Bridas 90° SAE 3000 PSI

Flansch 90° SAE 3000 PSI

Bride SAE coude 90° série 3000 PSI



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**	-

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

Bridas 45° SAE 3000 PSI

Flansch 45° SAE 3000 PSI

Bride SAE coude 45° série 3000 PSI



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**	-

6000 PSI SAE Straight Flange / Code 62

Bridas rectas SAE 6000 PSI

Gerader Flansch SAE 6000 PSI

Bride SAE droite série 6000 PSI



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**	-

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

Bridas 90° SAE 6000 PSI

Flansch 90° SAE 6000 PSI

Bride SAE coude 90° série 6000 PSI



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**	-

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

Bridas 45° SAE 6000 PSI

Flansch 45° SAE 6000 PSI

Bride SAE coude 45° série 6000 PSI



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**	-

Standard series

Conexiones Standard
Standardserie
Embouts série standard

SAE Split flange

Brida partida pasante
Durchgehender Halbflansch
Demi-bride de fixation



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**	-

€/pair / *€/par* / *€/para* / *€/paire*

SAE Flange

Brida entera pasante
Durchgehender Vollflansch
Bride de fixation monobloc



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**	-

Screws for SAE flanges

Tornillos para bridas SAE
Schrauben für SAE-Flansche
Vis pour brides 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**	*

SAE counter-flange

Contrabrida roscada
Gewindegegenflansch
Contre-bride passage total



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**	-

Seals for 3000/6000 PSI flange

Juntas para bridas SAE 3000/6000 PSI
Dichtungen 3000/6000 PSI-Flansch
Joints pour bride série 3000/6000



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**	*

O´rings for 3000/6000 PSI flange

Juntas tóricas para bridas SAE 3000/6000 PSI
O-Ringe für 3000/6000 PSI-Flansch
O´rings pour bride série 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**	*

***On request** / Consultar / **Auf Anfrage** / Sur demande

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Double hexagonal ORFS Swivel female straight

Hembras giratorias rectas ORFS doble hexagonal

Dichtkopf mit ORFS Ü-Mutter doppelt 6 kt

Femelle droite ORFS double hexagonal



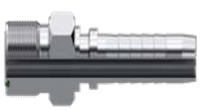
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16"-18h	**849010904**	-
1/4"	11/16"-16h	**849011104**	-
5/16"	11/16"-16h	**849011105**	-
3/8"	11/16"-16h	**849011106**	-
3/8"	13/16"-16h	**849011306**	-
1/2"	13/16"-16h	**849011308**	-
1/2"	1"-14h	**849011608**	-
5/8"	1"-14h	**849011610**	-
1/2"	1"3/16-12h	**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**	-

ORFS Male

Machos ORFS

Außengewinde ORFS

Mâle 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**	-

ORFS Swivel female (90° Elbow)

Hembras giratorias 90° ORFS

Dichtkopf 90° ORFS - LOR

Coude 90° femelle 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**	-

ORFS Swivel female (45° Elbow)

Hembras giratorias 45° ORFS

Dichtkopf 45° ORFS - LOR

Coude 45° femelle ORFS



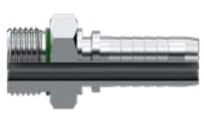
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	9/16"-18h	**849080904**	-
1/4"	11/16"-16h	**849081104**	-
5/16"	11/16"-16h	**849081105**	-
3/8"	11/16"-16h	**849081106**	-
3/8"	13/16"-16h	**849081306**	-
1/2"	13/16"-16h	**849081308**	-
1/2"	1"-14h	**849081608**	-
5/8"	1"-14h	**849081610**	-
5/8"	1"3/16-12h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

Macho O'Ring Boss

Außengewinde O'Ring Boss

Mâle 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**	-

Fittings BW+ Series R13/R15 No Skive

Conexiones Serie BW+ R13/R15 No Pelar
Armaturen Serie BW+ R13/R15 ohne Schälung
Embouts R13/R15 Série BW+ Sans denuder

Ferrules R13/R15 for fittings BW/BW+ series

Casquillos R13/R15 para serie BW/BW+

Pressfassungen R13/R15 für Armaturen Serie BW/BW+

Jupes R13/R15 pour embouts série BW/BW+



DN	Referencia Part n°	€
1"1/4	**ZAC690102000**	-
1"1/2	**ZAC690102400**	-
2"	**ZAC690103200**	-

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

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

Dichtkopf mit BSP Ü-Mutter 60° doppelt 6 kt mit O-Ring

Femelle tournante gaz cyl BSP 60° double hexagonale avec 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**	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

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

Hembras giratorias 90° BSP cono 60° con junta

Dichtkopf mit BSP Ü-Mutter 60° 90° mit O-Ring

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



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

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

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

Hembras giratorias 45° BSP cono 60° con junta

Dichtkopf mit BSP 60° Ü-Mutter kon. 45° mit O-Ring

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



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

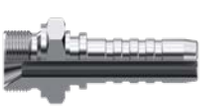
Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

BSP Male 60° cone

Machos cilíndricos BSP 60°

Außengewinde zyl. BSP 60°

Mâle gaz cylindrique BSP 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**	-

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

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

Dichtkopf mit BSP 60° kon. doppelt 6 kt mit O-Ring Muffenmutter

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



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**	-

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

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

Dichtkopf mit BSP 60° Ü-Mutter DKR 90° kon. mit O-Ring Muffenmutter

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



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**	-

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

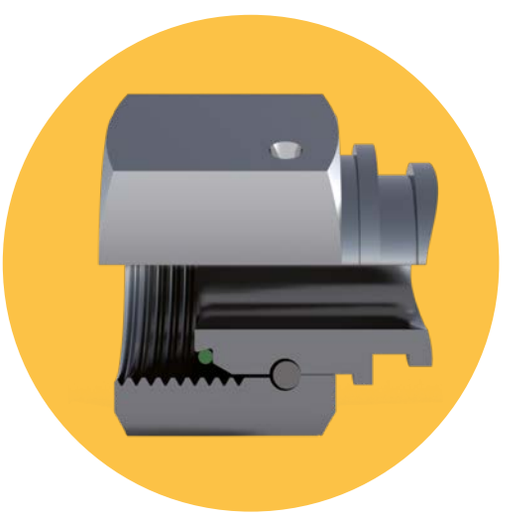
Hembras gir 45° BSP (60°) c/j tca engargolada

Dichtkopf mit BSP 60° Ü-Mutter DKR 45° kon. mit O-Ring Muffenmutter

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



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**	-



Fittings BW+ Series R13/R15 No Skive

Conexiones Serie BW+ R13/R15 No Pelar
Armaturen Serie BW+ R13/R15 ohne Schälung
Embouts R13/R15 Série BW+ Sans denuder

Double hexagonal NPSM female 60° cone with o'ring

Hembras gir rectas NPSM (60°) doble hexagonal con junta
Dichtkopf mit NPSM Ü-Mutter 60° kon. doppelt 6 kt mit O-Ring
Femelle NPSM cône 60° double hexagonal avec joint torique



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**	-

NPT Male pipe straight

Machos cónicos NPT
Außengewinde NPT
Mâle conique 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**	-

Double Hexagonal JIC 37° Swivel female

Hembras giratorias rectas JIC 37° doble hexagonal
Dichtkonus mit Ü-Mutter JIC 37° doppelt 6 kt
Femelle JIC 37° double hexagonal



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**	-

JIC 37° Swivel female (90° Elbow)

Hembras giratorias 90° JIC 37°
Dichtkonus mit Ü-Mutter 37° JIC 90°
Coude 90° femelle 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**	-

JIC 37° Swivel female (45° Elbow)

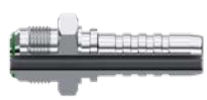
Hembras giratorias 45° JIC 37°
Dichtkonus mit Ü-Mutter 37° JIC 45°
Coude 45° femelle JIC 37°



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**	-

JIC 37° male with o'ring

Machos JIC 37° con junta
Außengewinde JIC 37° mit O-Ring
Mâle JIC 37° avec joint torique



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**	-

Fittings BW+ Series R13/R15 No Skive

Conexiones Serie BW+ R13/R15 No Pelar
Armaturen Serie BW+ R13/R15 ohne Schälung
Embouts R13/R15 Série BW+ Sans denuder

ORFS Swivel female straight

Hembras giratorias rectas ORFS doble hexagonal

Dichtkopf mit Ü-Mutter ORFS doppelt 6 kt

Femelle droite ORFS



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

ORFS Swivel female (90° Elbow)

Hembras giratorias 90° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 90° flachdichtend

Coude 90° femelle ORFS



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

ORFS Swivel female (45° Elbow)

Hembras giratorias 45° ORFS asiento plano

Dichtkopf mit Ü-Mutter 45° ORFS flachdichtend

Coude 45° femelle ORFS



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

*

ORFS Male

Machos ORFS

Außengewinde ORFS

Mâle ORFS



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

Metric swivel female 24° seat with o'ring

Hembras giratorias Métricas cono 24° con junta tórica

Dichtkopf mit Ü-Mutter kon. 24° DKO

Femelle Métrique 24° avec 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**	-

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

Hembras giratorias 90° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 90°

Coude 90° femelle Métrique 24° avec o'ring



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

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

Hembras giratorias 45° Métricas cono 24° con junta tórica

Dichtkegel mit Ü-Mutter kon. 24° DKO 45°

Coude 45° femelle Métrique 24° avec o'ring



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

Metric male stud 24° cone

Machos fijos Métricos cono 24°

Außengewinde metr. kon. 24°

Mâle Métrique cône 24°



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

Fittings BW+ Series R13/R15 No Skive

Conexiones Serie BW+ R13/R15 No Pelar
Armaturen Serie BW+ R13/R15 ohne Schälung
Embouts R13/R15 Série BW+ Sans denuder

6000 PSI SAE Straight Flange / Code 62

Bridas recta SAE 6000 PSI

Gerader Flansch SAE 6000 PSI

Bride SAE droite série 6000 PSI



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**	-

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

Bridas a 90° SAE 6000 PSI

Flansch 90° SAE 6000 PSI

Bride SAE coude 90° série 6000 PSI



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**	-

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

Bridas a 45° SAE 6000 PSI

Flansch 45° SAE 6000 PSI

Bride SAE coude 45° série 6000 PSI



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

Interlock series

Conexiones Interlock
Armaturen Interlock
Embouts Interlock

Ferrules DIN 20023 - 4SH Interlock

Casquillos Interlock 4SH

Pressfassungen 4 SH DIN 20023/EN 856-4SH

Jupes à sertir DIN 20023 - 4SH Interlock



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**	-

Ferrules SAE 100 R13/R15 Interlock

Casquillos Interlock R13/R15

Pressfassungen SAE 100 R13/R15

Jupes à sertir R13/R15 Interlock



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

3/4" and 1" are the same ferrules as in 4SH / *Para 3/4" y 1" son los mismos casquillos que en 4SH* / Für 3/4" und 1" werden die gleichen Presshülsen wie für 4SH verwendet / *3/4" et 1" sont les mêmes jupes que pour 4SH*

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

Hembras giratoria 90° BSP cono 60° con junta

Dichtkopf mit BSP 60° Ü-Mutter Interlock DKR 90° kon. mit O-Ring

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



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

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

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

Hembras giratoria 45° BSP cono 60° con junta

Dichtkopf mit BSP 60° Ü-Mutter Interlock DKR 45° kon. mit O-Ring

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



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

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

BSP 60° Male cone

Machos cilíndricos BSP cono 60°

BSP Einschraubzapfen zyl. DIN 3852 Form A AFR

Mâle gaz cylindrique BSP 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**	-

NPT Male pipe straight Interlock

Machos cónicos NPT

Außengewinde NPT AGN Interlock

Mâle conique 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**	-

Interlock series

Conexiones Interlock
Armaturen Interlock
Embouts Interlock

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

Hembras gir rectas BSP (60°) con junta (tca engargolada)
Dichtkopf mit BSP Ü-Mutter Interlock DKR mit O-Ring Muffenmutter
Femelle droite gaz cylindrique BSP 60° Interlock avec joint torique écrou à jonc



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**	-

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

Hembras gir 90° BSP (60°) con junta (tca engargolada)
Dichtkopf mit BSP 60° Ü-Mutter Interlock DKR 90° kon. mit O-Ring Muffenmutter
Coude 90° femelle gaz cylindrique BSP 60° Interlock avec joint torique écrou à jonc



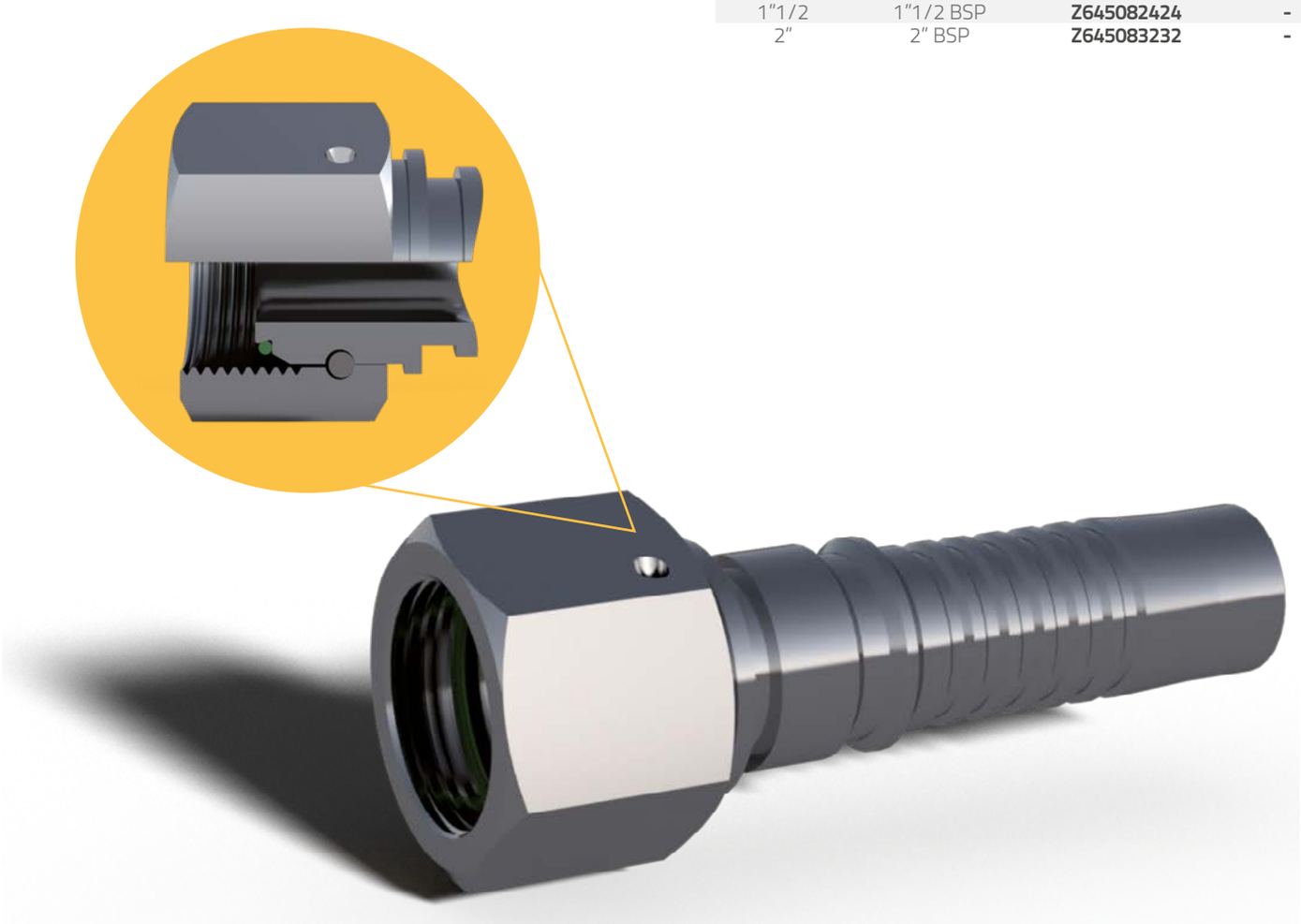
DN	ROSCA THREAD	Referencia Part n°	€
3/4"	3/4" BSP	**Z645071212**	-
1"	1" BSP	**Z645071616**	-
1"1/4	1"1/4 BSP	**Z645072020**	-
1"1/2	1"1/2 BSP	**Z645072424**	-
2"	2" BSP	**Z645073232**	-

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

Hembras gir 45° BSP (60°) con junta (tca engargolada)
Dichtkopf mit BSP 60° Ü-Mutter Interlock DKR 45° kon. mit O-Ring Muffenmutter
Coude 45° femelle gaz cylindrique BSP 60° Interlock avec joint torique écrou à jonc



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**	-



***On request /** Consultar **/ Auf Anfrage /** Sur demande

Interlock series

Conexiones Interlock
Armaturen Interlock
Embouts Interlock

Double hexagonal JIC 37° Swivel female

Hembras giratorias JIC 37° doble hexagonal Interlock
Dichtkonus einteilig Ü-Mutter 37° JIC doppelt 6 kt Interlock
Femelle JIC 37° double hexagonal



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**	-

JIC 37° Swivel female Interlock

Hembras giratorias rectas JIC 37° Interlock
Dichtkonus mit Ü-Mutter JIC 37° Interlock
Femelle tourn.droite 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**	-

JIC 37° male Interlock

Machos JIC 37° Interlock
Außengewinde JIC 37°
Mâle 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**	-

JIC 37° Swivel female Interlock (90° Elbow)

Hembras giratorias 90° JIC 37° Interlock
JIC 37° Dichtkonus 90° DKJ 90° interlock
Coude 90° femelle tournante JIC 37° Interlock



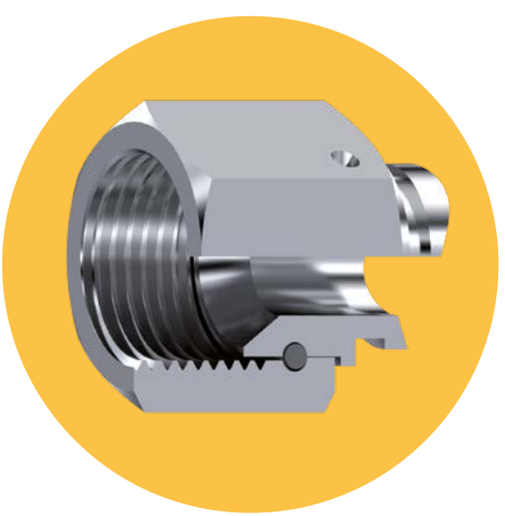
DN	ROSCA THREAD	Referencia Part n°	€
3/4"	1"1/16 12h UN	**Z641381712**	-
1"	1"5/16 12h UN	**Z641382116**	-
1"1/4	1"5/8 12h UN	**Z641382620**	-
1"1/2	1"7/8 12h UN	**Z641383024**	-
2"	2"1/2 12h UN	**Z641384032**	-

JIC 37° Swivel female Interlock (45° Elbow)

Hembras giratorias 45° JIC 37° Interlock
Dichtkonus JIC 37° 45° DKJ 45° Interlock
Coude 45° femelle tournante 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

Interlock series

Conexiones Interlock
Armaturen Interlock
Embouts Interlock

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

Hembras gir rectas Métricas 24° Interlock con junta tórica
Dichtkegel mit Ü-Mutter O-Ring DIN 20078 Interlock
Femelle droite Métrique 24° Interlock avec o'ring



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**	-

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

Hembras 90° Métricas cono 24° Interlock con junta tórica
Dichtkegel mit Ü-Mutter O-Ring DIN 20078 90°Interlock
Coude 90° femelle Métrique 24° Interlock avec o'ring



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**	-

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

Hembras 45° Métricas cono 24° Interlock con junta tórica
Dichtkegel mit Ü-Mutter O-Ring DIN 20078 45°Interlock
Coude 45° femelle Métrique 24° Interlock avec o'ring



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**	-

Metric male stud 24° cone serie S Interlock

Machos Métricos cono 24° Interlock
Gewindezapfen DIN 20078 Interlock
Mâle Métrique cône 24° 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**	-

Interlock ORFS Swivel female straight

Hembras giratorias rectas ORFS Interlock
Dichtkopf mit ORFS Ü-Mutter - Interlock
Femelle droite 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**	-

Interlock ORFS Male

Machos ORFS Interlock
Außengewinde ORFS Interlock
Mâle 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**	-

Interlock ORFS Swivel female (90° Elbow)

Hembras giratorias 90° ORFS Interlock
Dichtkopf 90° ORFS Interlock
Coude 90° femelle 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**	-

Interlock ORFS Swivel female (45° Elbow)

Hembras giratorias 45° ORFS Interlock
Dichtkopf 45° ORFS Interlock
Coude 45° femelle 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**	-

Interlock series

Conexiones Interlock
Armaturen Interlock
Embouts Interlock

3000 PSI SAE Straight Flange Interlock / Code 61

Bridas rectas SAE 3000 PSI Interlock

Gerader Flansch SAE 3000 PSI Interlock

Bride SAE droite série 3000 PSI 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**	-

6000 PSI SAE Straight Flange Interlock / Code 62

Bridas Rectas SAE 6000 PSI Interlock

Gerader Flansch SAE 6000 PSI Interlock

Bride SAE droite série 6000 PSI 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**	-

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

Bridas 90° SAE 3000 PSI Interlock

Flansch 90° SAE 3000 PSI Interlock

Coude 90° bride SAE série 3000 PSI 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**	-

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

Bridas 90° SAE 6000 PSI Interlock

Flansch 90° SAE 6000 PSI Interlock

Coude 90° bride SAE série 6000 PSI 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**	-

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

Bridas 45° SAE 3000 PSI Interlock

Flansch 45° SAE 3000 PSI Interlock

Coude 45° bride SAE série 3000 PSI 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**	-

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

Bridas 45° SAE 6000 PSI Interlock

Flansch 45° SAE 6000 PSI Interlock

Coude 45° bride SAE série 6000 PSI 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**	-

Ferrules for one piece fittings

Casquillos para conexiones una sola pieza
Pressfassungen für einteilige Armaturen
Jupes pour embouts pré-sertis

Ferrules R1AT/R2AT/1SN/2SN/R16/2SC/R17 for one piece fittings 43 series

Casquillos R1AT/R2AT/1SN/2SN /R16/2SC/R17 serie 43
Pressfassungen R1AT/R2AT/1SN/2SN/R16/2SC/R17 für einteilige Armaturen Serie 43
Jupes R1AT/R2AT/1SN/2SN/R16/2SC/R17 pour embous pré-sertis série 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	-

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

Casquillos 3SP/4SP/R12/4SH serie standard no pelar
Pressfassungen 3SP/4SP/R12/4SH Armaturen ohne Schälung
Jupes 3SP/4SP/R12/4SH série standard sans dénudage



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	-

Ferrules R7, R8 and braid of steel wire for one piece fittings

Casquillos R7, R8 y elastómero malla metálica una sola pieza
Pressfassungen R7/R8 und Elastomer/Metallumfl. für einteilige Armaturen
Jupes R7, R8 et elastomère tresse métallique pour embouts pre-sertis



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	-

Ferrules smooth PTFE for one piece fittings

Casquillos PTFE Liso una sola pieza
Pressfassungen für PTFE-Glattschläuche mit einteiligen Armaturen
Jupes PTFE Lisse pour embouts pre-sertis



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

Ferrules convoluted PTFE for one piece fittings

Casquillos PTFE Corrugado una sola pieza
Pressfassungen für PTFE-Wellschläuche mit einteiligen Armaturen
Jupes PTFE Convoluté pour embouts pre-sertis



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

Ferrules 1SC/1SN/2SC/R6

Casquillos 1SC/1SN/2SC/R6
Pressfassungen 1SC/1SN/2SC/R6
Jupes 1SC/1SN/2SC/R6



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

Ferrules R13/R15 for fittings BW/BW+ series

Casquillos R13/R15 para serie BW/BW+
Pressfassungen R13/R15 für Armaturen Serie BW/BW+
Jupes R13/R15 pour embouts série BW/BW+



DN	Referencia Part n°	€
1"1/4	ZAC690102000	-
1"1/2	ZAC690102400	-
2"	ZAC690103200	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece double hexagonal JIC 37° Swivel female

Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal
Dichtkopf mit Ü-Mutter einteilig JIC 37° doppelt 6 kt
Femelle pré-sertie JIC 37° double hexagonal



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 NEW	**882421210**	-
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**	-

One piece JIC 37° Swivel female

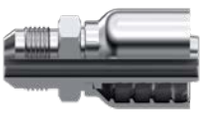
Hembras giratorias rectas una sola pieza JIC 37°
Dichtkopf mit Ü-Mutter einteilig JIC 37°
Femelle pré-sertie JIC 37°



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**	-

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°
Außengewinde einteilig JIC 37°
Mâle pré-serti JIC 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**	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

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

Hembras giratorias 90° una sola pieza JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 90°

Coude 90° femelle pré-sertie 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**	-

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

Hembras giratorias 45° una sola pieza JIC 37°

Dichtkopf JIC 37° einteilig 45°

Coude 45° femelle pré-sertie 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**	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece double hexagonal ORFS Swivel female

Hembras giratorias rectas una sola pieza ORFS doble hexagonal

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



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**	-

One piece ORFS Swivel female (90° Elbow)

Hembras giratorias 90° una sola pieza ORFS

Dichtkopf 90° ORFS einteilig

Coude 90° femelle pré-sertie 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**	-

One piece ORFS male

Machos una sola pieza ORFS

Außengewinde ORFS

Mâle pré-serti 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**	-

One piece ORFS Swivel female (45° Elbow)

Hembras giratorias 45° una sola pieza ORFS

Dichtkopf 45° ORFS einteilig

Coude 45° femelle pré-sertie 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**	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece double hexagonal NPSM Swivel female 60° cone

Hembras gir rectas una sola pieza rosca NPSM (60°) doble hex
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. doppelt 6 kt
Femelle pré-sertie NPSM cône 60° double hexagonal



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**	-

One piece NPSM Swivel female 60°cone

Hembras giratorias rectas una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon.
Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 90° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM Ü-Mutter 60° kon. 90° einteilig
Coude 90° femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 45° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM Ü-Mutter 60° CON. 45° einteilig kon.
Coude 45° femelle pré-sertie NPSM cône 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**	-

One piece NPT male pipe straight

Machos una sola pieza rosca cónica NPT
Außengewinde einteilig kon. NPT
Mâle pré-serti 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**	-

One piece NPT swivel male

Machos giratorios una sola pieza rosca cónica NPT
Außengewinde einteilig kon. NPT
Mâle tournant pré-serti 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**	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece 3000 PSI SAE Straight Flange / Code 61

Bridas rectas una sola pieza SAE 3000 PSI

Gerader Kompaktflansch SAE 3000 PSI

Bride SAE droite pré-sertie série 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**	-

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

Bridas 90° una sola pieza SAE 3000 PSI

Kompaktflansch 90° SAE 3000 PSI

Bride SAE coude 90° pré-sertie série 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**	-

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

Bridas 45° una sola pieza SAE 3000 PSI

Kompaktflansch 45° SAE 3000 PSI

Bride SAE coude 45° pré-sertie série 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**	-

One piece 6000 PSI SAE Straight Flange / Code 62

Bridas rectas una sola pieza SAE 6000 PSI

Gerader Kompaktflansch SAE 6000 PSI

Bride SAE droite pré-sertie série 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**	-

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

Bridas 90° una sola pieza SAE 6000 PSI

Kompaktflansch 90° SAE 6000 PSI

Bride SAE coude 90° pré-sertie série 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**	-

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

Bridas 45° una sola pieza SAE 6000 PSI

Kompaktflansch 45° SAE 6000 PSI

Bride SAE coude 45° pré-sertie série 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**	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece Metric female cone 24°

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cône 24°



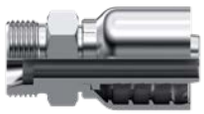
DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	6	L	M12x1.5	**88804120604**	-
1/4"	8	L	M14x1.5	**88804140804**	-
1/4"	10	L	M16x1.5	**88804161004**	-
3/8"	10	L	M16x1.5	**88804161006**	-
5/16"	10	L	M16x1.5	**88804161005**	-
1/4"	12	L	M18x1.5	**88804181204**	-
3/8"	12	L	M18x1.5	**88804181206**	-
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**	-

One piece Metric male cone 24°

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cône 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**	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

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

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

Dichtkegel mit Ü-Mutter 90° Bogen einteilig

Coude 90° femelle pré-sertie Métrique cône 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**	-

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

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

Dichtkegel mit Ü-Mutter 45° Bogen einteilig

Coude 45° femelle pré-sertie Métrique cône 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**	-

One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

Conexiones una sola pieza Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Einteilige Armaturen Serie 43 R1AT/R2AT/1SN/2SN/R16/2SC/R17
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece double hexagonal BSP female 60° cone

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

Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. doppelt 6 kt

Femelle pré-sertie BSP cône 60° double hexagonal



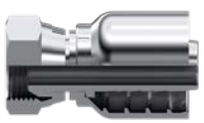
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	**884000404**	-
5/16"	3/8" BSP	**884000605**	-
3/8"	3/8" BSP	**884000606**	-
1/2"	1/2" BSP	**884000808**	-
3/4"	3/4" BSP	**884001212**	-
1"	1" BSP	**884001616**	-
1"1/4	1"1/4 BSP	**884002020**	-
1"1/2	1"1/2 BSP	**884002424**	-
2"	2" BSP	**884003232**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

One piece BSP female 60° cone

Hembras giratorias rectas una sola pieza rosca BSP cono 60°

Dichtkopf mit Ü-Mutter einteilig BSP 60° kon.

Femelle pré-sertie BSP cône 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**	-

One piece BSP female flat seat

Hembras giratorias rectas compactas rosca BSP asiento plano

Dichtkopf mit Ü-Mutter einteilig BSP flachdichtend

Femelle pré-sertie BSP fond plat



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**	-

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

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

Dichtkopf BSP Ü-Mutter einteilig 60° kon. 90°

Coude 90° femelle pré-sertie BSP cône 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**	-

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

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

Dichtkopf mit BSP Ü-Mutter 60° einteilig 45° kon.

Coude 45° femelle pré-sertie BSP cône 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**	-

One piece BSP male 60° cone

Machos una sola pieza rosca cilíndrica BSP cono 60°

Außengewinde zyl. einteilig kon. BSP 60°

Mâle pré-serti BSP cône 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**	-

One piece fittings BWS Series 3SP/4SP/R12/4SH No Skive

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar
Einteilige Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder

R13 & R15 Ø 3/4" - 1"

One piece double hexagonal JIC 37° Swivel female

Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal
Dichtkopf mit Ü-Mutter einteilig JIC 37° doppelt 6 kt
Femelle pré-sertie JIC 37° double hexagonal



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**	-

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

Hembras giratorias 90° una sola pieza JIC 37°
Dichtkopf einteilig Ü-Mutter 37° JIC 90°
Coude 90° femelle pré-sertie 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**	-

One piece JIC 37° male

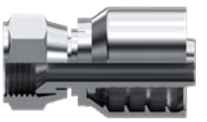
Machos una sola pieza rosca JIC 37°
Außengewinde einteilig JIC 37°
Mâle pré-serti JIC 37°



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**	-

One piece JIC 37° Swivel female

Hembras giratorias rectas una sola pieza JIC 37°
Dichtkopf mit Ü-Mutter einteilig JIC 37°
Femelle pré-sertie 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**	-

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

Hembras giratorias 45° una sola pieza JIC 37°
Dichtkopf JIC 37° einteilig 45°
Coude 45° femelle pré-sertie 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**	-

One piece fittings BWS Series 3SP/4SP/R12/4SH No Skive

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar
Einteilige Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder

R13 & R15 Ø 3/4" - 1"

One piece double hexagonal ORFS Swivel female

Hembras giratorias rectas una sola pieza ORFS doble hexagonal

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



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**	-

One piece ORFS male

Machos una sola pieza ORFS

Außengewinde ORFS

Mâle pré-serti 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**	-

One piece ORFS Swivel female (90° Elbow)

Hembras giratorias 90° una sola pieza ORFS

Dichtkopf 90° ORFS einteilig

Coude 90° femelle pré-sertie 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**	-

One piece ORFS Swivel female (45° Elbow)

Hembras giratorias 45° una sola pieza ORFS

Dichtkopf 45° ORFS einteilig

Coude 45° femelle pré-sertie 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**	-

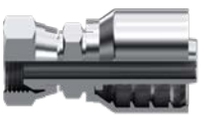
One piece fittings BWS Series 3SP/4SP/R12/4SH No Skive

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar
Einteilige Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder

R13 & R15 Ø 3/4" - 1"

One piece double hexagonal NPSM Swivel female 60° cone

Hembras giratorias rectas una sola pieza NPSM (60°) doble hex
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. doppelt 6 kt
Femelle pré-sertie NPSM cône 60° double hexagonal



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**	-

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

Hembras giratorias 90° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM Ü-Mutter 60° kon. 90° einteilig
Coude 90° femelle pré-sertie NPSM cône 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**	-

One piece NPT male pipe straight

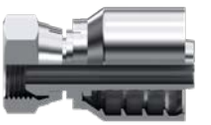
Machos una sola pieza rosca cónica NPT
Außengewinde einteilig kon. NPT
Mâle pré-serti NPT



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**	-

One piece NPSM Swivel female 60° cone

Hembras giratorias rectas una sola pieza NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon.
Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 45° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM Ü-Mutter 60° CON. 45° einteilig kon.
Coude 45° femelle pré-sertie NPSM cône 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**	-

One piece NPT swivel male

Machos giratorios una sola pieza rosca cónica NPT
Außengewinde einteilig kon. NPT
Mâle tournant pré-serti 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**	-

One piece fittings BWS Series 3SP/4SP/R12/4SH No Skive

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar
Einteilige Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder

R13 & R15 Ø 3/4" - 1"

One piece 3000 PSI SAE Straight Flange / Code 61

Bridas rectas una sola pieza SAE 3000 PSI

Gerader Kompaktflansch SAE 3000 PSI

Bride SAE droite pré-sertie série 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**	-

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

Bridas 90° una sola pieza SAE 3000 PSI

Kompaktflansch 90° SAE 3000 PSI

Bride SAE coude 90° pré-sertie série 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**	-

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

Bridas 45° una sola pieza SAE 3000 PSI

Kompaktflansch 45° SAE 3000 PSI

Bride SAE coude 45° pré-sertie série 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**	-

One piece 6000 PSI SAE Straight Flange / Code 62

Bridas rectas una sola pieza SAE 6000 PSI

Gerader Kompaktflansch SAE 6000 PSI

Bride SAE droite pré-sertie série 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**	-

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

Bridas 90° una sola pieza SAE 6000 PSI

Kompaktflansch 90° SAE 6000 PSI

Bride SAE coude 90° pré-sertie série 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**	-

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

Bridas 45° una sola pieza SAE 6000 PSI

Kompaktflansch 45° SAE 6000 PSI

Bride SAE coude 45° pré-sertie série 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**	-

One piece fittings BWS Series 3SP/4SP/R12/4SH No Skive

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar
Einteilige Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder

R13 & R15 Ø 3/4" - 1"

One piece Metric female cone 24°

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cône 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**	-

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

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

Dichtkegel mit Ü-Mutter 90° Bogen einteilig

Coude 90° femelle pré-sertie Métrique cône 24°



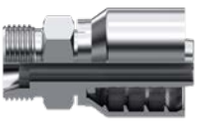
DN	TUBO PIPE	ROSCA THREAD	SERIE SERIES		Referencia Part n°	€
3/8"	10	M16x1.5	L		**Z58305161006**	-
3/8"	12	M18x1.5	L		**Z58305181206**	-
1/2"	15	M22x1.5	L		**Z58305221508**	-
5/8"	18	M26x1.5	L		**Z58305261810**	-
3/4"	22	M30x2	L		**Z58305302212**	-
1"	28	M36x2	L		**Z58305362816**	-
1"1/4	35	M45x2	L		**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**	-

One piece Metric male cone 24°

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cône 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**	-

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

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

Dichtkegel mit Ü-Mutter 45° Bogen einteilig

Coude 45° femelle pré-sertie Métrique cône 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**	-

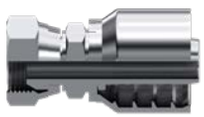
One piece fittings BWS Series 3SP/4SP/R12/4SH No Skive

Conexiones una sola pieza Serie BWS 3SP/4SP/R12/4SH No Pelar
Einteilige Armaturen Serie BWS 3SP/4SP/R12/4SH ohne Schälung
Embouts pré-sertis Série BWS 3SP/4SP/R12/4SH Sans dénuder

R13 & R15 Ø 3/4" - 1"

One piece double hexagonal BSP female 60° cone

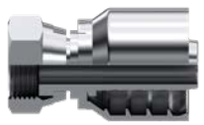
Hembras giratoias rectas una sola pieza BSP (60°) doble hex
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. doppelt 6 kt
Femelle pré-sertie BSP cône 60° double hexagonal



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**	-

One piece BSP female flat seat

Hembras giratorias rectas una sola pieza BSP asiento plano
Dichtkopf mit Ü-Mutter einteilig BSP flachdichtend
Femelle pré-sertie BSP fond plat



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**	-

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

Hembras giratorias 90° una sola pieza BSP C/J cono 60°
Dichtkopf BSP Ü-Mutter einteilig 60° mit O´Ringkon. 90°
Coude 90° femelle pré-sertie BSP cône 60° avec joint



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**	-

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

Hembras giratorias 45° una sola pieza BSP C/J cono 60°
Dichtkopf mit BSP Ü-Mutter 60° mit O´Ring einteilig 45° kon.
Coude 45° femelle pré-sertie BSP cône 60° avec joint



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**	-

One piece BSP male 60° cone

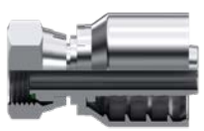
Machos una sola pieza rosca cilíndrica BSP cono 60°
Außengewinde zyl. einteilig kon. BSP 60°
Mâle pré-serti BSP cône 60°



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**	-

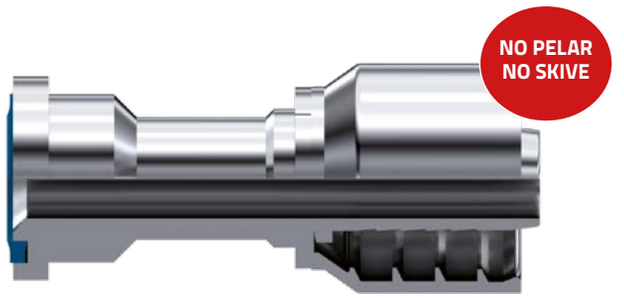
One piece BSP female 60° cone 60° w/o´ring

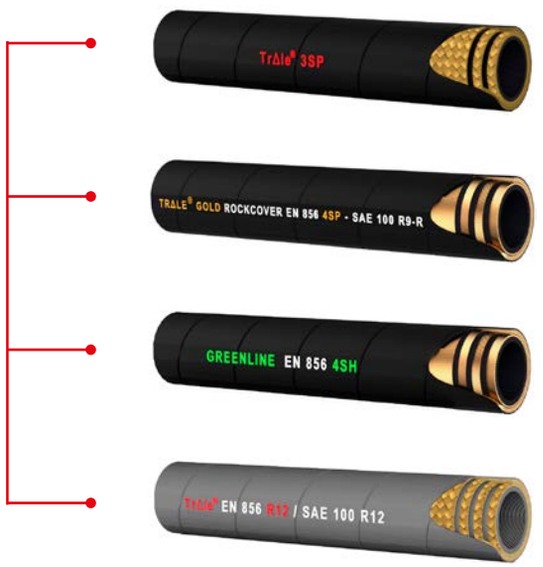
Hembras giratorias rectas una sola pieza BSP C/J cono 60°
Dichtkopf mit Ü-Mutter einteilig BSP 60° mit O´Ring kon.
Femelle pré-sertie BSP cône 60° avec joint



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+





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

R13 - R15

Alta Presión
High pressure

+

Reducción de stock. Uso de espiga BW
Stock optimisation. BW series

+

Menor tiempo de Montaje. No Pelar
Reduces assembly time. No skive

One piece fittings BW+ Series R13/R15 No Skive

Conexiones una pieza Serie BW+ R13/R15 No Pelar
Armaturen Serie BW+ R13/R15 ohne Schälung
Embouts R13/R15 Série BW+ Sans denuder

R13 & R15 Ø 3/4" - 1"->>BWS

One piece double hexagonal JIC 37° Swivel female

Hembras giratorias rectas una sola pieza JIC 37° doble hexagonal

Dichtkopf mit Ü-Mutter einteilig 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



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**	-

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

Hembras giratorias 90° una sola pieza rosca JIC 37°

Dichtkopf mit Ü-Mutter einteilig 37° JIC 90°

Coude 90° femelle pré-sertie 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**	-

One piece JIC 37° male with o'ring

Machos una sola pieza rosca JIC 37° C/J

Außengewinde einteilig JIC 37° mit O-Ring

Mâle pré-serti JIC 37° avec joint torique



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**	-

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

Hembras giratorias 45° una sola pieza rosca JIC 37°

Dichtkonus JIC 37° einteilig 45°

Coude 45° femelle pré-sertie 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**	-

One piece ORFS Swivel female straight double hexagonal

Hembras giratorias rectas una sola pieza ORFS doble hexagonal

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie droite ORFS double hexagonale



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1" 11/16 12 UN	**Z699012720**	-
1"1/2	2" 12 UN	**Z699013224**	-

One piece ORFS Swivel female (90° Elbow)

Hembras giratorias 90° una sola pieza ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 90°

Coude 90° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1" 11/16 12 UN	**Z699072720**	-
1" 1/2	2" 12 UN	**Z699073224**	-

One piece ORFS Swivel female (45° Elbow)

Hembras giratorias 45° una sola pieza ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 45°

Coude 45° femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"11/16 12 UN	**Z699082720**	-
1"1/2	2" 12 UN	**Z699083224**	-

One piece ORFS Male

Machos una sola pieza ORFS

Außengewinde ORFS einteilig

Mâle pré-serti ORFS



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

One piece fittings BW+ Series R13/R15 No Skive

Conexiones una pieza Serie BW+ R13/R15 No Pelar
Armaturen Serie BW+ R13/R15 ohne Schälung
Embouts R13/R15 Série BW+ Sans denuder

R13 & R15 Ø 3/4" - 1"->>BWS

One piece double hexagonal NPSM female 60° cone

Hembras gir rectas una sola pieza rosca NPSM (60°) doble hex
Dichtkopf mit NPSM einteilig Überwurfmutter 60° kon. doppelt hexagonal
Femelle pré-sertie NPSM cône 60° double hexagonal



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**	-

One piece NPT Male pipe straight

Machos una sola pieza rosca cónica NPT
Außengewinde kon. einteilig NPT
Mâle pré-serti conique 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**	-

One piece 6000 PSI SAE Straight Flange / Code 62

Bridas recta SAE 6000 PSI
Gerader Kompaktflansch SAE 6000 PSI
Bride SAE droite pré-sertie série 6000 PSI



DN	Ø	Referencia Part n°	€
1"1/4	1"1/4	**Z692822020**	-
1"1/2	1"1/2	**Z692822424**	-
2"	2"	**Z692823232**	-

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

Bridas a 90° SAE 6000 PSI
Kompaktflansch 90° SAE 6000 PSI
Bride SAE coude 90° pré-sertie série 6000 PSI



DN	Ø	Referencia Part n°	€
1"1/4	1"1/4	**Z692832020**	-
1"1/2	1"1/2	**Z692832424**	-
2"	2"	**Z692833232**	-

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

Bridas a 45° SAE 6000 PSI
Kompaktflansch 45° SAE 6000 PSI
Bride SAE coude 45° pré-sertie série 6000 PSI



DN	Ø	Referencia Part n°	€
1"1/4	1"1/4	**Z692842020**	-
1"1/2	1"1/2	**Z692842424**	-
2"	2"	**Z692843232**	-

One piece fittings BW+ Series R13/R15 No Skive

Conexiones una pieza Serie BW+ R13/R15 No Pelar
Armaturen Serie BW+ R13/R15 ohne Schälung
Embouts R13/R15 Série BW+ Sans denuder

R13 & R15 Ø 3/4" - 1"->>BWS

One piece double hexagonal BSP Swivel female cone 60° with o´ring wire nut NEW

Hembras giratorias una pieza BSP 60° doble hex c/j tca eng.
Dichtkopf einteilig 60° kon. doppelt hexagonal mit O-Ring Muffenmutter
Femelle BSP pré-sertie cône 60° double hexagonal with o'ring écrou à douille



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**	-

One piece BSP Male 60° cone

Machos cilíndricos una sola pieza BSP 60°
Außengewinde zyl. einteilig BSP 60°
Mâle pré-serti gaz cylindrique BSP 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**	-

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

Hembras giratorias 90° una sola pieza BSP 60° c/j tca eng.
Dichtkopf mit BSP Ü-Mutter 60° einteilig 90° mit O-Ring Muffenmutter
Coude 90° femelle pré-sertie BSP 60° avec o'ring écrou à douille



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**	-

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

Hembras giratorias 45° una sola pieza BSP 60° c/j tca eng.
Dichtkopf mit BSP Ü-Mutter 60° einteilig 45° mit O-Ring Muffenmutter
Coude 45° femelle pré-sertie BSP 60° avec o'ring écrou à douille

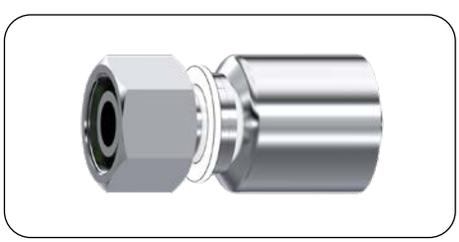


DN	ROSCA THREAD	Referencia Part n°	€
1"1/4	1"1/4 BSP	**Z695182020**	-
1"1/2	1"1/2 BSP	**Z695182424**	-
2"	2" BSP	**Z695183232**	-

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



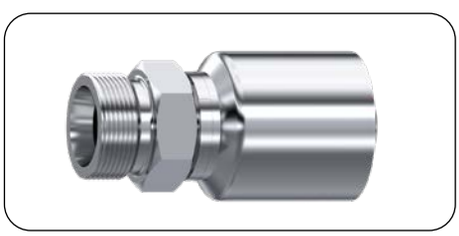
Ref: Z69204

- 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

One piece fittings R7/R8 & Elastomer Braid of steel wire

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece double hexagonal JIC 37° female

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

Dichtkopf einteilig Ü-Mutter 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



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**	-

One piece JIC 37° female (90° Elbow)

Hembras giratorias 90° una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 90°

90° Femelle pré-sertie 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**	-

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 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**	-

One piece JIC 37° female

Hembras giratorias rectas una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC

Femelle pré-sertie 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**	-

One piece JIC 37° female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 45°

45° Femelle pré-sertie 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**	-

One piece fittings R7/R8 & Elastomer Braid of steel wire

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece double hexagonal ORFS female

Hembras giratorias rectas una sola pieza rosca ORFS doble hex

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



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**	-

One piece ORFS female (90° Elbow)

Hembras giratorias 90° una sola pieza rosca ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 90°

90° Femelle pré-sertie 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**	-

One piece ORFS male

Machos compactos rosca ORFS

Außengewinde einteilig ORFS

Mâle pré-serti 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**	-

One piece ORFS female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca ORFS

Dichtkopf 45° ORFS einteilig

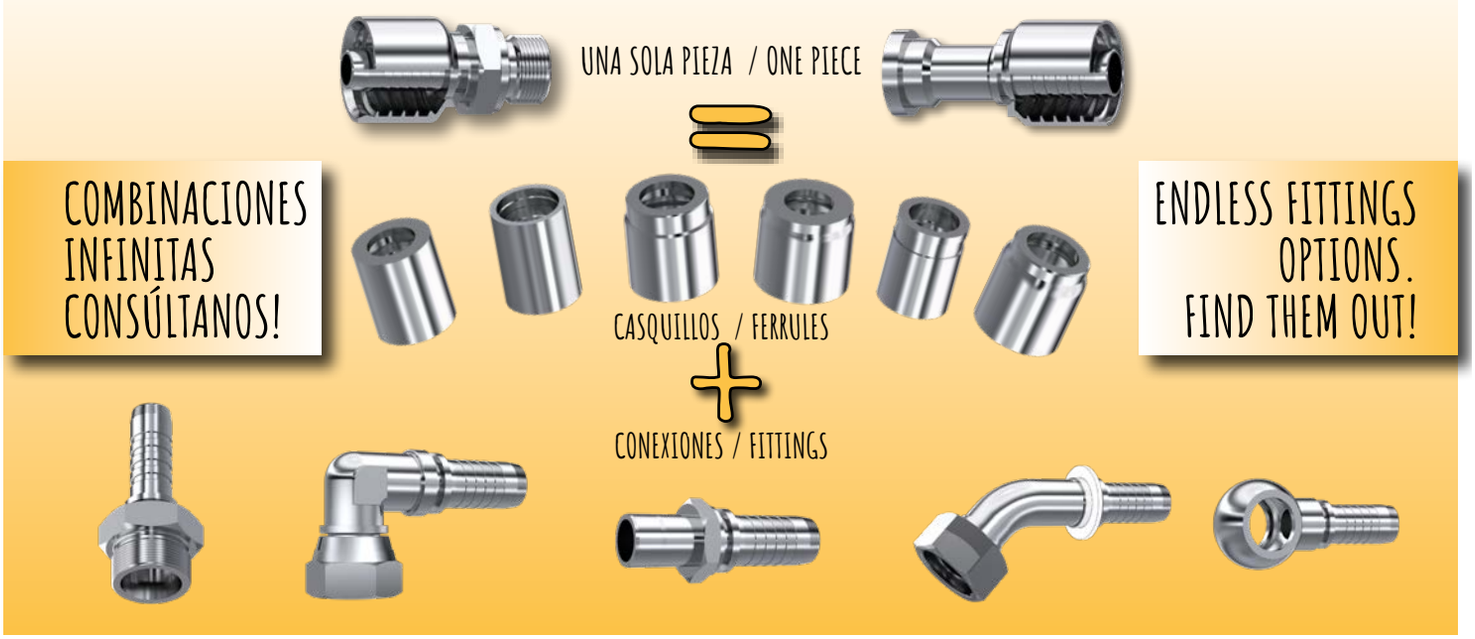
45° Femelle pré-sertie ORFS



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.



One piece fittings R7/R8 & Elastomer Braid of steel wire

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece double hexagonal NPSM female 60° cone

Hembras giratorias rectas una sola pieza NPSM (60°) doble hex
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. doppelt 6 kt
Femelle pré-sertie NPSM cône 60° double hexagonal



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**	-

One piece NPSM female 60° cone

Hembras giratorias rectas una sola pieza NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon.
Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 90° una sola pieza NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. 90°
90° Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 45° una sola pieza NPSM cono 60°
Dichtkopf mit NPSM Ü-Mutter 60° kon. 45° einteilig
45° Femelle pré-sertie NPSM cône 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**	-

One piece NPT male pipe straight

Machos una sola pieza rosca cónica NPT
Außengewinde einteilig kon. NPT
Mâle pré-serti 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**	-

One piece fittings R7/R8 & Elastomer Braid of steel wire

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece Metric female 24° cone

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cône 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**	-

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

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

Dichtkegel mit Ü-Mutter 90° Bogen einteilig

90° Femelle pré-sertie Métrique cône 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**	-

One piece Metric male 24° cone

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cône 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**	-

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

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

Dichtkegel mit Ü-Mutter 45° Bogen einteilig

45° Femelle pré-sertie Métrique cône 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**	-

One piece fittings R7/R8 & Elastomer Braid of steel wire

Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece double hexagonal BSP female 60° cone

Hembras giratorias rectas una sola pieza BSP (60°) doble hex
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. doppelt 6 kt
Femelle pré-sertie BSP cône 60° double hexagonal



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**	-

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

Hembras giratorias 90° una sola pieza rosca BSP cono 60°
Dichtkopf mit BSP einteilig Ü-Mutter 60° kon. 90°
90° Femelle pré-sertie BSP cône 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**	-

One piece BSP male 60° cone

Machos una sola pieza rosca cilíndrica BSP cono 60°
Außengewinde zyl. einteilig kon. BSP 60°
Mâle pré-serti BSP cône 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**	-

One piece BSP female 60° cone

Hembras giratorias rectas una sola pieza rosca BSP cono 60°
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon.
Femelle pré-sertie BSP cône 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**	-

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

Hembras giratorias 45° una sola pieza rosca BSP cono 60°
Dichtkopf mit BSP Ü-Mutter 60° einteilig kon. 45°
45° Femelle pré-sertie BSP cône 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**	-

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14
Einteilige Armaturen PTFE-Glattschlauch/ R14
Embouts pré-sertis pour PTFE lisse/ R14

One piece JIC 37° double hexagonal female

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

Dichtkopf einteilig Ü-Mutter 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



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**	-

One piece JIC 37° female (90° Elbow)

Hembras giratorias 90° una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 90°

90° Femelle pré-sertie 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**	-

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 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**	-

One piece JIC 37° female

Hembras giratorias rectas una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC

Femelle pré-sertie 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**	-

One piece JIC 37° female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 45°

45° Femelle pré-sertie 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**	-

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14
Einteilige Armaturen PTFE-Glattschlauch/ R14
Embouts pré-sertis pour PTFE lisse/ R14

One piece doble hexagonal ORFS female

Hembras giratorias rectas una sola pieza rosca ORFS doble hex

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



DN	ROSCA THREAD		Referencia Part n°	€
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**	-

One piece ORFS female (90° Elbow)

Hembras giratorias 90° una sola pieza rosca ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 90°

90° Femelle pré-sertie ORFS



DN	ROSCA THREAD		Referencia Part n°	€
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**	-

One piece ORFS male

Machos una sola pieza rosca ORFS

Außengewinde einteilig ORFS

Mâle pré-serti ORFS



DN	ROSCA THREAD	Referencia Part n°	€
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**	-

One piece ORFS female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 45°

45° Femelle pré-sertie ORFS



DN	ROSCA THREAD	Referencia Part n°	€
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**	-

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14
Einteilige Armaturen PTFE-Glattschlauch/ R14
Embouts pré-sertis pour PTFE lisse/ R14

One piece double hexagonal NPSM female 60° cone

Hembras giratorias rectas una sola pieza NPSM (60°) doble hex
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. doppelt 6 kt
Femelle pré-sertie NPSM cône 60° double hexagonal



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**	-

One piece NPSM female 60° cone

Hembras giratorias rectas una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon.
Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 90° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. 90°
90° Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 45° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. 45°
45° Femelle pré-sertie NPSM cône 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**	-

One piece NPT male pipe

Machos una sola pieza rosca cónica NPT
Außengewinde einteilig kon. NPT
Mâle pré-serti 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**	-

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14
Einteilige Armaturen PTFE-Glattschlauch/ R14
Embouts pré-sertis pour PTFE lisse/ R14

One piece Metric female 24° cone

Hembras gir DKO rectas una sola pieza rosca Métrica 24°

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cône 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**	-

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

Hembras gir DKO90° una sola pieza rosca Métrica 24°

Dichtkopf 90° metr. einteilig Ü-Mutter kon. 24°

90° Femelle pré-sertie Métrique cône 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**	-

One piece Metric male 24° cone

Machos compactos rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cône 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**	-

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

Hembras gir DKO45° una sola pieza rosca Métrica 24°

Dichtkopf 45° metr. einteilig Ü-Mutter kon. 24°

45° Femelle pré-sertie Métrique cône 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**	-

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14
Einteilige Armaturen PTFE-Glattschlauch/ R14
Embouts pré-sertis pour PTFE lisse/ R14

One piece double hexagonal BSP female 60° cone

Hembras giratorias rectas una sola pieza BSP (60°) doble hex
Dichtkopf mit Überwurfmmutter einteilig BSP 60° kon. doppelt 6 kt
Femelle pré-sertie BSP cône 60° double hexagonal



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**	-

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

Hembras giratorias 90° una sola pieza rosca BSP cono 60°
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. 90°
90° Femelle pré-sertie BSP cône 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**	-

One piece BSP male 60° cone

Machos una sola pieza rosca cilíndrica BSP cono 60°
Außengewinde zyl. einteilig kon. BSP 60°
Mâle pré-serti BSP cône 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**	-

One piece BSP female 60° cone

Hembras giratorias rectas una sola pieza rosca BSP cono 60°
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon.
Femelle pré-sertie BSP cône 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**	-

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

Hembras giratorias 45° una sola pieza rosca BSP cono 60°
Dichtkopf mit Überwurfmmutter einteilig BSP 60° kon. 45°
45° Femelle pré-sertie BSP cône 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**	-

One piece gas standpipe

Espiga lisa una sola pieza recta gas
Stutzen gerade GAS einteilig glatt
Embout pré-serti lisse droit 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**	-

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellschlauch
Embouts pré-sertis pour PTFE convoluté

One piece JIC 37° double hexagonal female

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

Dichtkopf einteilig Ü-Mutter 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



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**	-

One piece JIC 37° female (90° Elbow)

Hembras giratorias 90° una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 90°

90° Femelle pré-sertie 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**	-

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 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**	-

One piece JIC 37° female

Hembras giratorias rectas una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC

Femelle pré-sertie 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**	-

One piece JIC 37° female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC 45°

45° Femelle pré-sertie 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**	-

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellschlauch
Embouts pré-sertis pour PTFE convoluté

One piece doble hexagonal ORFS female

Hembras giratorias rectas una sola pieza rosca ORFS doble hex

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



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**	-

One piece ORFS male

Machos una sola pieza rosca ORFS

Außengewinde einteilig ORFS

Mâle pré-serti 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**	-

One piece ORFS female (90° Elbow)

Hembras giratorias 90° una sola pieza rosca ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 90°

90° Femelle pré-sertie 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**	-

One piece ORFS female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca ORFS

Dichtkopf mit ORFS einteilig Ü-Mutter 45°

45° Femelle pré-sertie 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**	-

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellschlauch
Embouts pré-sertis pour PTFE convoluté

One piece double hexagonal NPSM female 60° cone

Hembras gir rectas una sola pieza NPSM (60°) doble hex
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. doppelt 6 kt
Femelle pré-sertie NPSM cône 60° double hexagonal



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**	-

One piece NPSM female 60° cone

Hembras giratorias rectas una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon.
Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 90° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. 90°
90° Femelle pré-sertie NPSM cône 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**	-

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

Hembras giratorias 45° una sola pieza rosca NPSM cono 60°
Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. 45°
45° Femelle pré-sertie NPSM cône 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**	-

One piece NPT male pipe straight

Machos una sola pieza rosca cónica NPT
Außengewinde einteilig kon. NPT
Mâle pré-serti 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**	-

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellschlauch
Embouts pré-sertis pour PTFE convoluté

One piece Metric female 24° cone

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cône 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**	-

One piece Metric male 24° cone

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cône 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**	-

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

Hembras gir DKO 90° una sola pieza rosca Métrica cono 24°

Dichtkopf 90° metr. einteilig Ü-Mutter kon. 24°

90° Femelle pré-sertie Métrique cône 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**	-

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

Hembras gir DKO 45° una sola pieza rosca Métrica cono 24°

Dichtkopf 45° metr. einteilig Ü-Mutter kon. 24°

45° Femelle pré-sertie Métrique cône 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**	-

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellschlauch
Embouts pré-sertis pour PTFE convoluté

One piece double hexagonal BSP female 60° cone

Hembras giratorias rectas una sola pieza rosca BSP (60°) doble hex
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. doppelt 6 kt
Femelle pré-sertie BSP cône 60° double hexagonal



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**	-

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

Hembras giratorias 90° una sola pieza rosca BSP cono 60°
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. 90°
90° Femelle pré-sertie BSP cône 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**	-

One piece BSP male 60° cone

Machos una sola pieza rosca cilíndrica BSP cono 60°
Außengewinde zyl. einteilig kon. BSP 60°
Mâle pré-serti BSP cône 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**	-

One piece BSP female 60° cone

Hembras giratorias rectas una sola pieza rosca BSP cono 60°
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon.
Femelle pré-sertie BSP cône 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**	-

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

Hembras giratorias 45° una sola pieza rosca BSP cono 60°
Dichtkopf mit Ü-Mutter einteilig BSP 60° kon. 45°
45° Femelle pré-sertie BSP cône 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**	-

Reusable series

Conexiones Reusables
Schraubarmaturen
Embouts série récupérable

One Piece Swivel Female R2AT JIC 37°

Hembras giratorias rectas una sola pieza R2T rosca JIC 37°

Dichtkopf Mit Ü-Mutter Einteilig R2T Gewinde JIC 37°

Femelle tournante 1 piéce R2AT JIC 37°



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**	-

One Piece Male R2AT NPT

Machos una sola pieza R2T rosca cónica NPT

Aussengewinde Einteilig R2T Kegelig NPT

Mâle1piéce 2AT NPT



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**	-

Reusable ferrules R1T/1SN non skive

Casquillos reus para manguera R1T/1SN no pelar

Schraubfassung für R1T/1SN ohne Schälen

Jupes récuperables R1T/1SN sans dénudage



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**	-

Reusable ferrules R2AT/2SN non skive

Casquillos reus para manguera R2AT/2SN no pelar

Schraubfassung für R2AT/2SN ohne Schälen

Jupes récuperables R2AT/2SN sans dénudage



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**	-

Reusable BSP Swivel female 60° cone

Hembras giratorias rectas reusables rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter

Femelle récuperable gaz cylindrique 60°



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***	-

*** Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Reusable BSP 60° cone (90° Elbow)

Hembras giratorias 90° reusables rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 90° Bogen

Coude 90° femelle récuperable gaz cylindrique BSP 60°



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**	-

Reusable BSP Male parallel 60° cone

Machos reusables rosca cilíndrica BSP cono 60°

BSP Einschraubzapfen zyl. DIN 3852 Form A

Mâle récuperable gaz cylindrique BSP 60°



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**	-

Reusable series

Conexiones Reusables
Schraubarmaturen
Embouts série récupérable

Reusable JIC 37° straight Swivel female

Hembras giratorias rectas reusables rosca JIC cono 37°

Schraubarmaturen Ü-Mutter Dichtkonus JIC 37°

Femelle droite récuperable JIC 37°



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**	-

Reusable JIC Male 37° cone

Machos reusables rosca JIC cono 37°

Schraubarmaturen Außengewindenippel Dichtkonus JIC 37°

Mâle récuperables JIC cône 37°



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**	-

90° reusable Swivel female thread JIC cone 37 °

Hembras giratorias 90° reusables rosca JIC cono 37°

90° drehbarer, wiederverwendbarer JIC-Konus mit -Gewinde 37 °

Femelle tournante 90° filetage récuperable cône JIC 37 °



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**	-

45° reusable Swivel female thread JIC cone 37 °

Hembras giratorias 45° reusables rosca JIC cono 37°

45° drehbarer, wiederverwendbarer JIC-Konus mit -Gewinde 37 °

Femelle tournante 45° filetage récuperable cône JIC 37 °



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**	-

Reusable NPT Male

Machos reusables rosca NPT

Wiederverwendbare Außengewinde NPT

Mâle récuperable NPT



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**	-

Reusable Metric standpipe

Espigas lisas Métricas reusables

Metr. Einschraubstutzen glatt

Embout lisse récuperable Métrique



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**	-

***On request /** Consultar **/ Auf Anfrage /** Sur demande

Reusable series

Conexiones Reusables
Schraubarmaturen
Embouts série récupérable

Reusable R5 JIC 37 ° straight swivel female

Hembras giratorias rectas reusables R5 rosca JIC cono 37°
Wiederverwendbare gerade drehbare Innengewinde R5 JIC mit 37 ° -Konus
Femelle pivotante droite réutilisable R5 JIC filetage 37 ° cône



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**	-

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

Hembras giratorias 90° reusables R5 rosca JIC cono 37°
90° drehbarer, wiederverwendbarer JIC-Konus mit R5-Gewinde 37 °
Femelle pivotante 90° filetage R5 réutilisable cône JIC 37 °



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**	-

Reusable R5 NPT Male

Machos reusables R5 rosca NPT
Wiederverwendbare Außengewinde R5 NPT
Mâle récuperables R5 NPT



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**	-

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

Hembras giratorias 45° reusables R5 rosca JIC cono 37°
45° wiederverwendbar. Innengewinde R5, JIC-Konus 37 °
Femelle pivotante 45° réutilisable Filetage R5 cône JIC 37 °



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

Push-On Fittings

Conexiones Push-On
Aufsteck-Armaturen
Embouts Push-On

BSP Swivel female 60° cone

Hembras giratorias rectas rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter

Femelle tournante BSP cône 60°



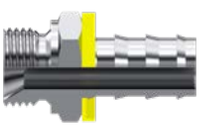
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	**891000404**	-
3/8"	3/8" BSP	**891000606**	-
1/2"	1/2" BSP	**891000808**	-
5/8"	5/8" BSP	**891001010**	-
3/4"	3/4" BSP	**891001212**	-
1"	1" BSP	**891001616**	-

BSP Male 60° cone

Machos rosca cilíndrica BSP cono 60°

Außengewinde BSP

Mâle fixe BSP cône 60°



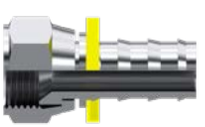
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" BSP	**891120404**	-
3/8"	3/8" BSP	**891120606**	-
1/2"	1/2" BSP	**891120808**	-
3/4"	1/2" BSP	**891120812**	-
5/8"	5/8" BSP	**891121010**	-
3/4"	3/4" BSP	**891121212**	-
1"	1" BSP	**891121616**	-

JIC 37° Swivel female

Hembras giratorias rectas JIC 37°

Dichtkonus mit Ü-Mutter JIC 37°

Femelle tournante JIC 37°



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**	-

JIC 37° Male

Machos rosca JIC cono 37°

Außengewinde JIC 37°

Mâle fixe JIC 37°



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**	-

NPT Male pipe straight

Machos rosca cónica NPT

Außengewinde NPT

Mâle gaz conique NPT (BRIGGS)



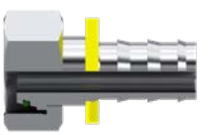
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4" NPT	**891610404**	-
3/8"	3/8" NPT	**891610606**	-
1/2"	1/2" NPT	**891610808**	-
3/4"	3/4" NPT	**891611212**	-
1"	1" NPT	**891611616**	-

Metric female swivel with o´ring 24° cone

Hembra giratoria recta Métrica cono 24°

Dichtkopf metr. Ü-Mutter kon. 24°

Femelle Métrique avec o´ring cône 24°



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**	-

Metric stud 24° cone

Machos rosca métrica cono 24°

Gewindezapfen L/S DIN 20078 D/E

Mâle Métrique cône 24°



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**	-

High pressure 700 bar fittings

Conexiones Alta Presión (700 bar)
Armaturen Hochdruck (700bar)
Embouts haute pression 700 bar

Ferrules for thermoplastic hose 700 bar

Casquillos para alta presión (700bar)

Pressfassungen Hochdruck (700bar)

Jupes à sertir thermoplastique 700 bar



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

BSP Swivel female 60° cone 700 bar

Hembra giratoria BSP cono 60° (700bar)

Dichtkopf mit Ü-Mutter BSP 60° (700bar)

Embout 700 bar femelle tournante gaz cyl BSP 60°



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

BSP Male parallel 60° cone 700 bar

Macho BSP cono 60° (700bar)

Außengewinde BSP kon. 60° (700bar)

Embout 700 bar mâle fixe gaz cyl BSP 60°



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

NPSM Swivel female 60° cone 700 bar

Hembra giratoria NPSM cono 60° (700bar)

Dichtkonus mit NPSM 60°

Embout 700 bar femelle tournante NPSM 60°



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**	-

NPT Male pipe straight 700 bar

Macho NPT (700bar)

Außengewinde NPT (700bar)

Embout 700 bar mâle fixe gaz conique NPT



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**	-

JIC 37° Swivel female 700 bar

Hembra giratoria JIC 37° (700bar)

Dichtkopf mit Ü-Mutter JIC 37° (700bar)

Embout 700 bar femelle tournante droit JIC 37°



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**	-

JIC 37° Male thread 700 bar

Macho JIC 37° (700bar)

Außengewinde JIC 37° (700bar)

Embout 700 bar mâle fixe JIC 37°



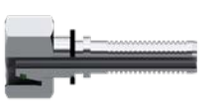
DN	ROSCA THREAD	Referencia Part n°	€
1/4"	7/16" 20h UNF	**Z741400704**	-
3/8"	9/16" 18h UNF	**Z741400906**	-
1/2"	3/4" 16h UNF	**Z741401208**	-

Metric Swivel female 24° cone 700 bar

Hembra giratoria Métrica 24° (700bar)

Dichtkopf Ü-Mutter metr. 24° (700bar)

Embout 700 bar femelle tournante droit Métrique cône 24°



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**	-

Metric Male 24° cone 700 bar

Macho Métrico 24° (700bar)

Außengewinde metr. 24° (700bar)

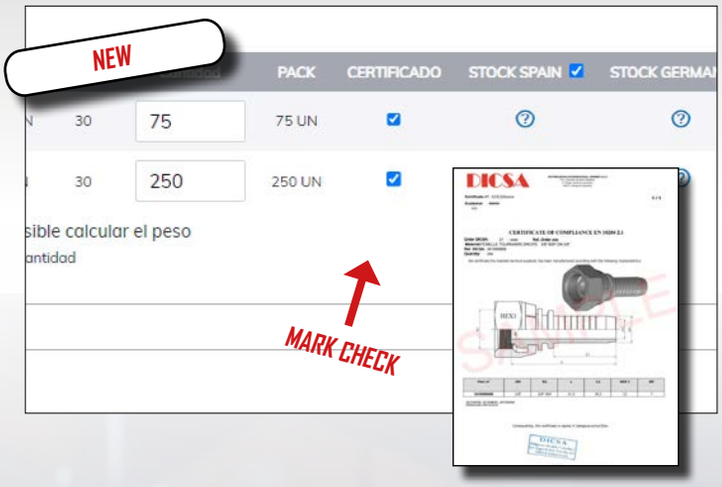
Embout 700 bar mâle fixe Métrique cône 24°



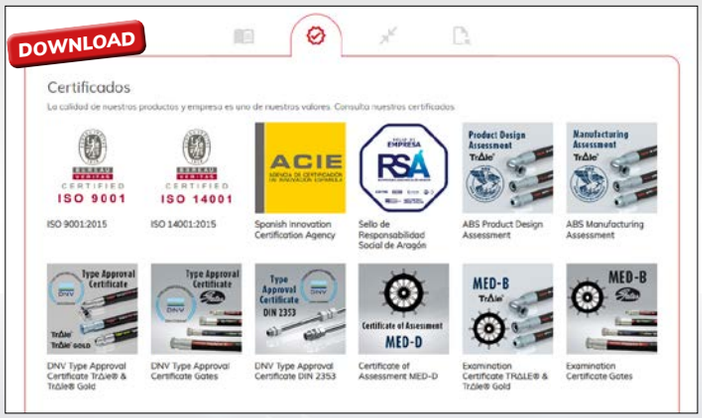
DN	TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
1/4"	8	S	M16x1.5	**Z74203160804**	-
3/8"	12	S	M20x1.5	**Z74203201206**	-
1/2"	16	S	M24x1.5	**Z74203241608**	-

TABLAS-PRENSADO-CERTIFICADOS
CHARTS-CRIMPING-CERTIFICATES

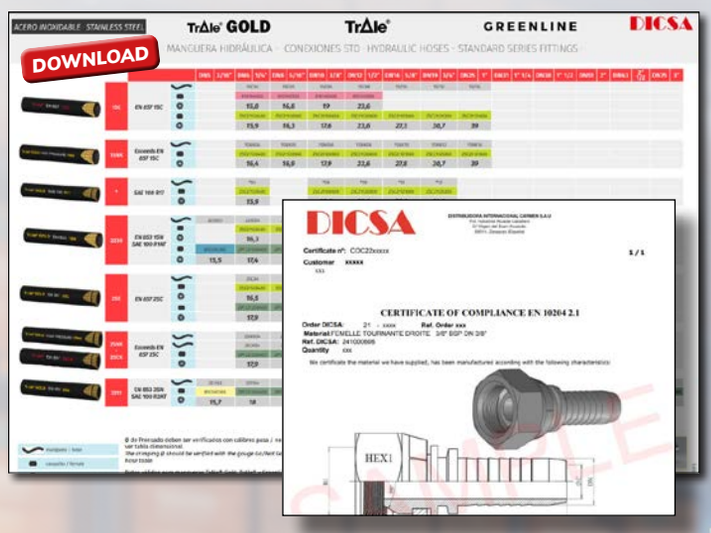
Certificado de Material Material Certificate



Certificados de Calidad Quality Certificates



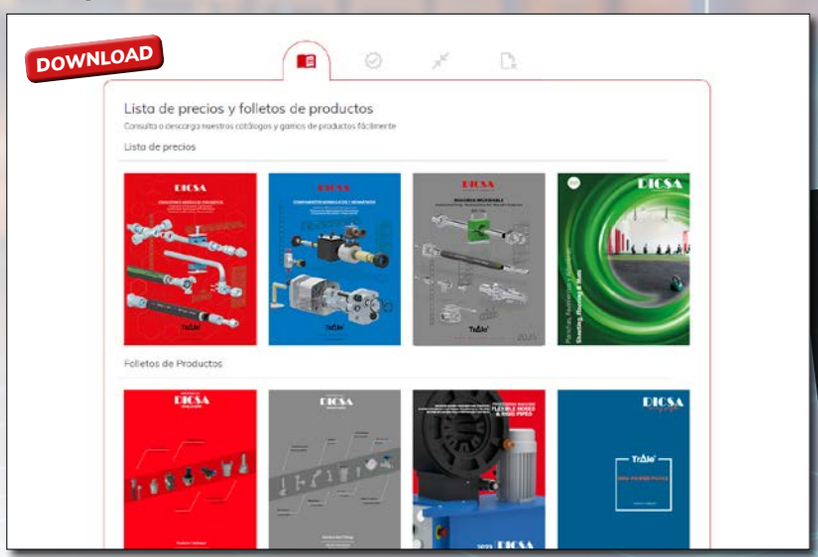
Tablas De Prensado Crimping Charts



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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

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- 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

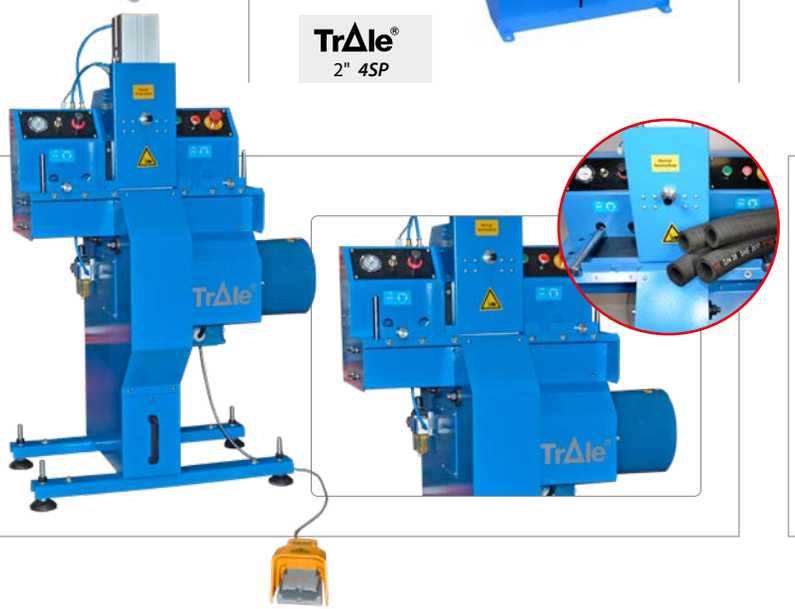
- Ø Max. 75mm
- 4 Kw
- Ø 300 mm



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







DESCUBRE NUESTRO CATÁLOGO DE MÁQUINAS

DISCOVER OUR MACHINE CATALOGUE

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



Matrices JIC 37°
Tools JIC 37°

BL

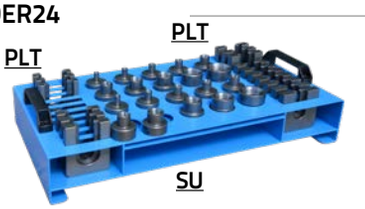
JIC 37°



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





TrΔle® metric pipe 104
Tubo TrΔle® métrico
Metrisches Rohr TrΔle®
Tube rigide TrΔle® métrique

DIN 2353 Pipe fittings 105
Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Flare fittings JIC 37° 125
Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°



02

PIPE FITTINGS

Tubo Rígido TrΔle®

Verschraubugen für Rohr

Raccord tube rigide



TrAle®

TYPE APPROVED PRODUCT
DNV
DNV.COM/AF

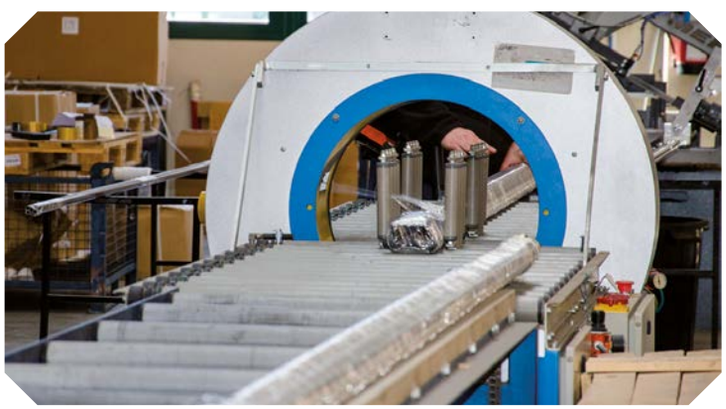
RACORES FABRICADOS POR
PIPE FITTINGS MANUFACTURED BY DICSA

CERTIFIED
ISO 9001
ISO 14001
BUREAU VERITAS

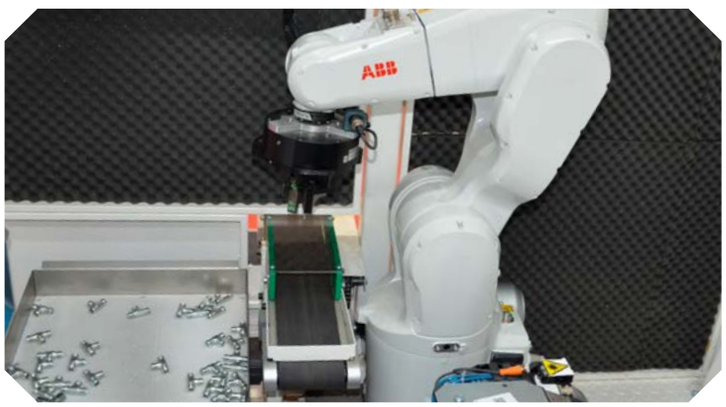
SUSTAINABLE DEVELOPMENT GOALS

ACIE
AGENCIA DE CERTIFICACIÓN EN INNOVACIÓN ESPAÑOLA









ASSEMBLY OF THE PIPE FITTINGS DIN 2353 IN THE RIGID PIPE (IT IS RECOMMENDED TO USE PRE-ASSEMBLY TOOLS)
INSTRUCCIONES DE MONTAJE DE RACOR DIN 2353 SOBRE EL TUBO RÍGIDO (SE RECOMIENDA EL USO DE HERRAMIENTAS DE PREMONTAJE)

1 PIPE SAW & PREPARATION
CORTE Y PREPARACIÓN DEL TUBO



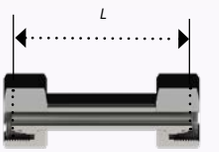
- Clamp onto rigid fixtures
- Cut tube squarely and deburr thoroughly (max. ± 1° deviation)
- Do not use pipe cutters

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

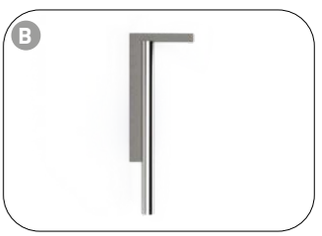
MINIMUN HEIGHT(H): TWICE THREAD NUT LENGTH



MINIMUN HEIGHT(L): 2,5 - 3 TIMES THREAD NUT LENGTH

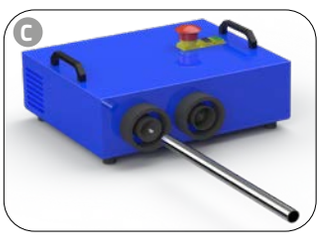


Series Ø ext. Pipe	LL				L									S									
	4	5	6	8	6	8	10	12	15	18	22	28	35	42	6	8	10	12	14	16	20	25	30	38
H min.	LL				L										S									
	24	25	25	26	31	31	33	33	36	38	42	42	48	48	35	35	37	37	43	43	50	54	58	65
L min.	LL				L										S									
	30	32	32	33	39	39	42	42	45	48	53	53	60	60	44	44	47	47	54	54	63	68	73	82



- Rectangulary saw off the pipe and remove all burrs.

- Cortar el tubo a escuadra y eliminar rebabas.



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

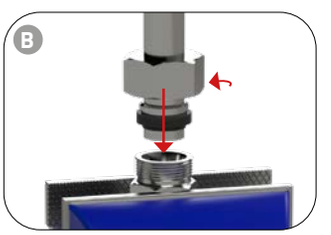
-Quita las rebabas interiores y exteriores
-Las rebabas grandes pueden dañar las juntas

2 ASSEMBLY IN VICE
MONTAJE EN BANCO



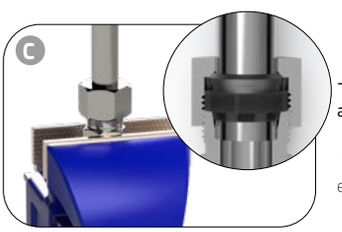
- Use properly lubricants (GR ASW120)
- Threads of stainless steel fittings must be lubricated

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



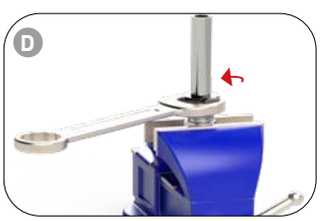
-Follow picture instructions
- Fitting body may be used one time only (use preassembly tools Z VOMO)
- Screw on nut until finger-tight

-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



- Press tube-end firmly into the assembly cone

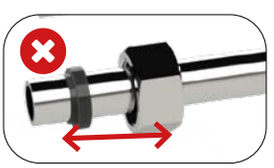
- Presione firmemente el final del tubo en el cono de montaje

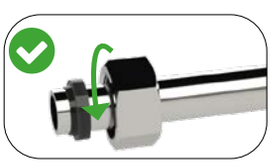


-Tighten until sharp increase of resistance (approx. 1 to 1 1/2 turns)

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

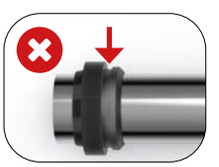
3 ASSEMBLY CHECK - CONTROL
COMPROBACIÓN DEL MONTAJE - CONTROL

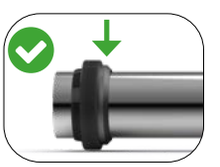




ZACJ2/ACJ2 CONTROL: GAP BETWEEN SEALING RING AND RETAINING RING MUST BE CHECKED

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

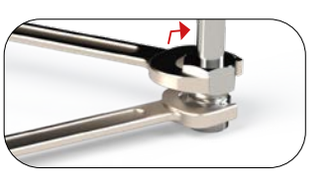




4 FINAL ASSEMBLY: INSTALLATION OF THE TUBE SYSTEM
MONTAJE FINAL: INSTALACIÓN DEL SISTEMA DE TUBO



- Repeat step 2. A
- Repetir paso 2.A



Assemble fitting until wrench-tight. Then tighten fitting firmly by min. 1/6 (max. 1/4) turns (1 1/2 flats)

Monta el racor hasta que quede apretado usando la llave. Apriete fuertemente el racor 1 ó 1,5 vueltas, en giros de 60°-90°.

TrΔle® metric pipe

Tubo TrΔle® métrico
Metrisches Rohr TrΔle®
Tube rigide TrΔle® métrique

Metric · Métrico · Metrisches · Métrique | 104



ZTH0



ZTH0...-3

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

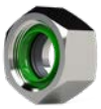
Nuts and cutting rings • Tuercas y anillos • Muttern und Schneidringe • Écrous et bagues | 105


ZML/ZMS

ZACL/ZACS

ZVHS

ZACJ

ZACJ2

ZMJL / ZMJS

Straight couplings • Uniones tubo-tubo • Gerade Verschraubungen (G) • Raccords union double | 107


ZDL/ZDS

ZEL/ZES

ZDL/ZDS

ZTL/ZTS

ZKVL/ZKVS

Straight male stud couplings • Uniones rectas tubo-rosca • Gerade Einschraubverschr. - EVGE • Raccords union simple mâle | 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

Male stud elbows • Codos tubo-rosca • W-Einschraubverschraubungen - WE • Raccords coude mâle gaz | 112


ZCKL/ZCKS BSPT

Z WEE

ZCKL/ZCKS NPT

ZCKL/ZCKS METRIC

Male stud barrel • TES rosca lateral • L-Einschraubverschraubungen - LE • Raccords Té mâle latéral | 113


ZLKL/ZLKS BSPT

ZLKL/ZLKS METRIC

Male stud branch • TES rosca central • T-Einschraubungen - TE • Raccords Té mâle central | 113


ZFKL/ZFKS BSPT

ZFKL/ZFKS METRIC

Metric unions • Uniones Métricas • Metr. Verschraubungen • Raccords union Métrique | 114


ZKORL TLM

ZKORS TLM

Reductions • Reducciones roscadas • Reduzierstutzen • Raccords de réduction | 115


ZRI-R WD

Adjustable stud couplings • Racores regulables • Einstellbare Verschraubungen - EV • Raccords régulables | 116


ZEEL/ZEES CTA

ZEEL/ZEES TLM

ZTEL/ZTES TLM

ZLEL/ZLES TLM

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Adjustable straight stud • Tubo roscado (hembra giratoria) • Einstellbarer gerader Einschraubstutzen - EV • Raccords tube fileté | 117


ZATL/ZATS


ZRAL/ZRAS BSP TLM WD


ZRAL/ZRAS NPT TLM


ZRAL/ZRAS METRIC TLM WD

Welding fittings • Soldables • Schweißarmaturen • Raccords à souder | 118


ZASL/ZASS


ZESVL/ZESVS


ZORIL/ZORIS

Bulkhead • Pasatabiques • Schottverschraubungen - SV • Raccords passe cloison | 119


ZSVL/ZSVS


ZUSVL/ZUSVS


KZTPM

Straight female coupling • Racor recto hembra • Gerade Aufschraub-Verschr. - GAI • Raccords droits femelle | 120


ZGAIL/ZGAIS BSP


ZMAVL/ZMAVS


ZAM


ZGAIL/ZGAIS METRIC


Z MAFL/ZMFAS

Banjos • Orientables • Ringaugen • Raccords orientables | 121


ZWSVL/ZWSVS BSP


ZWSVL/ZWSVS METRIC

Plugs • Tapones • Stopfen • Raccords bouchon métrique | 122


ZBUTZEN L/S


ZSTOPFEN BSP


ZSTOPFEN METRIC

O-rings & captive seals • Juntas • Dichtringe - DOZ • Joints | 122


JVT


JVBSP/JVM

Accessories for the assembly • Accesorios para montaje • Zubehör für die Montage • Accessoires pour le montage | 123


ZVOMO


Grasa

Valves • Válvulas antirretorno • Rückschlagventil - RV • Valves clapet antiretour | 124


ZRHVL/ZRHVS


ZRHZL/ZRHZS


ZRHDL/ZRHDS

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

JIC 37° Nuts, sleeves and plugs · Tuercas, ferulas y tapones JIC 37° · Ü-Muttern, Druckringe und Verschlussstopfen JIC · Écrous, ferrules et bouchons JIC 37° | 125



ZS110 ZS120 ZS121 ZS140 ZS130

JIC 37° Straight unions · Uniones rectas JIC 37° · gerade JIC-Verschraubungen · Union droite JIC 37° | 126



ZS260 ZS260 ZS250 ZS260_OR ZS240 ZS200 ZS380 ZS230 ZS180 ZS210



ZS295 ZS740 ZS291 ZS290 ZS185 JVMET JVUNF ZS730 JVMBSP JTVJIC

JIC 37° 90° Elbows · Codos 90° JIC 37° · 90° Winkel JIC 37° · Coudes 90° JIC 37° | 131



ZS500 ZS675 ZS700 ZS500_OR ZS650 ZS570 ZS575 ZS550 ZS595 ZS525

JIC 37° 45° Elbows · Codos 45 JIC 37° · 45° Winkel JIC 37° · Coudes 45° JIC 37° | 133



ZS690 ZS775 ZS725

JIC 37° Tees · Tes JIC 37° · T-Verschraubungen JIC 37° · Tés JIC 37° | 134



ZS505 ZS680 ZS630 ZS505_OR ZS685 ZS625

TrΔle® metric pipe

Tubo TrΔle® métrico
Metrisches Rohr TrΔle®
Tube rigide TrΔle® métrique

Rigid pipe - 6 mts

Tubo rígido - 6 mts

Rohr - 6m

Tube rigide - 6 mts



Ø EXT. Ø OUTER	Ø INT. Ø INNER		Referencia Part n°	€/M
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	-

Price per meter. */ Precio por metro. /* Die angegebenen Preise gelten pro Meter. */ Les prix sont par mètre.*

Rigid pipe - 3 mts

Tubo rígido - 3 mts

Rohr - 3m

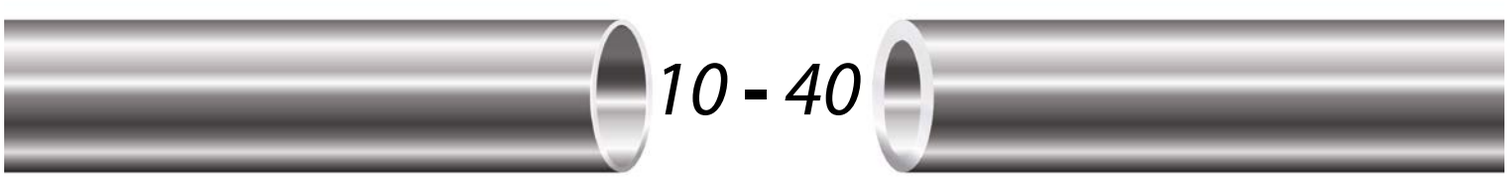
Tube rigide - 3 mts



Ø EXT. Ø OUTER	Ø INT. Ø INNER		Referencia Part n°	€/M
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	-

Price per meter. */ Precio por metro. /* Die angegebenen Preise gelten pro Meter. */ Les prix sont par mètre.*

TUBO SCHEDULE **PIPE**



PÁGINA | PAGE
143

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

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Nuts DIN 3870

Tuercas Métricas DIN 3870

Muttern DIN 3870 (M)

Écrou 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**	-

Reinforced ring

Anillos de refuerzo

Verstärkungsring

Bague de renforcement



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**	-

Cutting rings DIN 3861

Anillos de corte DIN 3861

Schneidringe DIN 3861 (D)

Bague 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**	-

Cutting ring with joint

Anillos de corte con junta

Schneidring mit Dichtung

Bague avec joint



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**	-

***On request** / Consultar **/ Auf Anfrage** / Sur demande

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

S.S.Cutting ring with joint ZACJ2

NEW

Anillos de corte con junta ZACJ2

Schneidring mit Dichtung ZACJ2

Bague Acier inox avec joint 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**	-

ZACJ2 Equipped Nut

NEW

Tuerca equipada ZACJ2

ZACJ2 ausgestattete Mutter

Écrou équipé ZACJ2



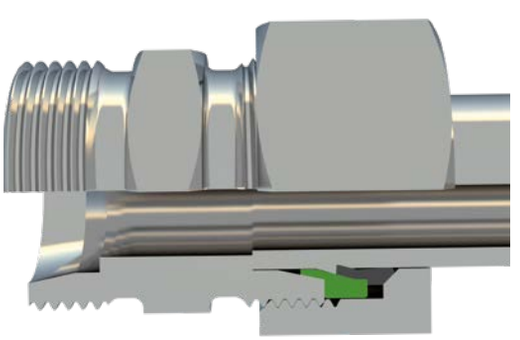
TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€
6	L	M12X1.5	**Z MJ2L 6**	-
8	L	M14X1.5	**Z MJ2L 8**	-
10	L	M16X1.5	**Z MJ2L 10**	-
12	L	M18X1.5	**Z MJ2L 12**	-
15	L	M22X1.5	**Z MJ2L 15**	-
18	L	M26X1.5	**Z MJ2L 18**	-
22	L	M30X2	**Z MJ2L 22**	-
28	L	M36X2	**Z MJ2L 28**	-
35	L	M45X2	**Z MJ2L 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

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Straight coupling

Racor unión recta tubo - tubo

Gerade Verschraubungen (G)

Raccord union double



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
4	LL	Z DLL 4	-	---	-
6	LL	Z DLL 6	-	---	-
8	LL	Z DLL 8	-	---	-
6	L	Z DL 6	-	Z STA DL 6	-
8	L	Z DL 8	-	Z STA DL 8	-
10	L	Z DL 10	-	Z STA DL 10	-
12	L	Z DL 12	-	Z STA DL 12	-
15	L	Z DL 15	-	Z STA DL 15	-
18	L	Z DL 18	-	Z STA DL 18	-
22	L	Z DL 22	-	Z STA DL 22	-
28	L	Z DL 28	-	Z STA DL 28	-
35	L	Z DL 35	-	Z STA DL 35	-
42	L	Z DL 42	-	Z STA DL 42	-
6	S	Z DS 6	-	Z STA DS 6	-
8	S	Z DS 8	-	Z STA DS 8	-
10	S	Z DS 10	-	Z STA DS 10	-
12	S	Z DS 12	-	Z STA DS 12	-
14	S	Z DS 14	-	Z STA DS 14	-
16	S	Z DS 16	-	Z STA DS 16	-
20	S	Z DS 20	-	Z STA DS 20	-
25	S	Z DS 25	-	Z STA DS 25	-
30	S	Z DS 30	-	Z STA DS 30	-
38	S	Z DS 38	-	Z STA DS 38	-

Equal elbow coupling

Racor unión en codo tubo - tubo

Winkel-Verschraubungen (W)

Raccord coude égal



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
4	LL	Z ELL 4	-	---	-
6	LL	Z ELL 6	-	---	-
8	LL	Z ELL 8	-	---	-
6	L	Z EL 6	-	Z STA EL 6	-
8	L	Z EL 8	-	Z STA EL 8	-
10	L	Z EL 10	-	Z STA EL 10	-
12	L	Z EL 12	-	Z STA EL 12	-
15	L	Z EL 15	-	Z STA EL 15	-
18	L	Z EL 18	-	Z STA EL 18	-
22	L	Z EL 22	-	Z STA EL 22	-
28	L	Z EL 28	-	Z STA EL 28	-
35	L	Z EL 35	-	Z STA EL 35	-
42	L	Z EL 42	-	Z STA EL 42	-
6	S	Z ES 6	-	Z STA ES 6	-
8	S	Z ES 8	-	Z STA ES 8	-
10	S	Z ES 10	-	Z STA ES 10	-
12	S	Z ES 12	-	Z STA ES 12	-
14	S	Z ES 14	-	Z STA ES 14	-
16	S	Z ES 16	-	Z STA ES 16	-
20	S	Z ES 20	-	Z STA ES 20	-
25	S	Z ES 25	-	Z STA ES 25	-
30	S	Z ES 30	-	Z STA ES 30	-
38	S	Z ES 38	-	Z STA ES 38	-

Straight reducing coupling

Racor unión recta en reducción tubo - tubo

Gerade Reduzierverschraubungen (GR)

Raccord union double en réduction



TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
8	6	L	Z DL 8-6	-	Z STA DL 8-6	-
10	6	L	Z DL 10-6	-	Z STA DL 10-6	-
10	8	L	Z DL 10-8	-	Z STA DL 10-8	-
12	6	L	Z DL 12-6	-	Z STA DL 12-6	-
12	8	L	Z DL 12-8	-	Z STA DL 12-8	-
12	10	L	Z DL 12-10	-	Z STA DL 12-10	-
15	6	L	Z DL 15-6	-	Z STA DL 15-6	-
15	8	L	Z DL 15-8	-	Z STA DL 15-8	-
15	10	L	Z DL 15-10	-	Z STA DL 15-10	-
15	12	L	Z DL 15-12	-	Z STA DL 15-12	-
18	8	L	Z DL 18-8	-	Z STA DL 18-8	-
18	10	L	Z DL 18-10	-	Z STA DL 18-10	-
18	12	L	Z DL 18-12	-	Z STA DL 18-12	-
18	15	L	Z DL 18-15	-	Z STA DL 18-15	-
22	12	L	Z DL 22-12	-	Z STA DL 22-12	-
22	15	L	Z DL 22-15	-	Z STA DL 22-15	-
22	18	L	Z DL 22-18	-	Z STA DL 22-18	-
28	22	L	Z DL 28-22	-	Z STA DL 28-22	-
35	28	L	Z DL 35-28	-	Z STA DL 35-28	-
42	28	L	Z DL 42-28	-	Z STA DL 42-28	-
42	35	L	Z DL 42-35	-	Z STA DL 42-35	-
8	6	S	Z DS 8-6	-	Z STA DS 8-6	-
10	6	S	Z DS 10-6	-	Z STA DS 10-6	-
10	8	S	Z DS 10-8	-	Z STA DS 10-8	-
12	6	S	Z DS 12-6	-	Z STA DS 12-6	-
12	8	S	Z DS 12-8	-	Z STA DS 12-8	-
12	10	S	Z DS 12-10	-	Z STA DS 12-10	-
14	10	S	Z DS 14-10	-	Z STA DS 14-10	-
16	10	S	Z DS 16-10	-	Z STA DS 16-10	-
16	12	S	Z DS 16-12	-	Z STA DS 16-12	-
16	14	S	Z DS 16-14	-	Z STA DS 16-14	-
20	10	S	Z DS 20-10	-	Z STA DS 20-10	-
20	12	S	Z DS 20-12	-	Z STA DS 20-12	-
20	14	S	Z DS 20-14	-	Z STA DS 20-14	-
20	16	S	Z DS 20-16	-	Z STA DS 20-16	-
25	16	S	Z DS 25-16	-	Z STA DS 25-16	-
25	20	S	Z DS 25-20	-	Z STA DS 25-20	-
30	20	S	Z DS 30-20	-	Z STA DS 30-20	-
30	25	S	Z DS 30-25	-	Z STA DS 30-25	-
38	25	S	Z DS 38-25	-	Z STA DS 38-25	-
38	30	S	Z DS 38-30	-	Z STA DS 38-30	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Equal Tee

Racor unión en T tubo - tubo

T-Verschraubungen (T)

Raccord Té égal



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
4	LL	**Z TLL 4**	-	---	-
6	LL	**Z TLL 6**	-	---	-
8	LL	**Z TLL 8**	-	---	-
6	L	**Z TL 6**	-	**Z STA TL 6**	-
8	L	**Z TL 8**	-	**Z STA TL 8**	-
10	L	**Z TL 10**	-	**Z STA TL 10**	-
12	L	**Z TL 12**	-	**Z STA TL 12**	-
15	L	**Z TL 15**	-	**Z STA TL 15**	-
18	L	**Z TL 18**	-	**Z STA TL 18**	-
22	L	**Z TL 22**	-	**Z STA TL 22**	-
28	L	**Z TL 28**	-	**Z STA TL 28**	-
35	L	**Z TL 35**	-	**Z STA TL 35**	-
42	L	**Z TL 42**	-	**Z STA TL 42**	-
6	S	**Z TS 6**	-	**Z STA TS 6**	-
8	S	**Z TS 8**	-	**Z STA TS 8**	-
10	S	**Z TS 10**	-	**Z STA TS 10**	-
12	S	**Z TS 12**	-	**Z STA TS 12**	-
14	S	**Z TS 14**	-	**Z STA TS 14**	-
16	S	**Z TS 16**	-	**Z STA TS 16**	-
20	S	**Z TS 20**	-	**Z STA TS 20**	-
25	S	**Z TS 25**	-	**Z STA TS 25**	-
30	S	**Z TS 30**	-	**Z STA TS 30**	-
38	S	**Z TS 38**	-	**Z STA TS 38**	-

Equal cross

Racor unión en cruz tubo - tubo

Kreuz-Verschraubungen (K)

Raccord croix égale



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	**Z KVL 6**	-	**Z STA KVL 6**	-
8	L	**Z KVL 8**	-	**Z STA KVL 8**	-
10	L	**Z KVL 10**	-	**Z STA KVL 10**	-
12	L	**Z KVL 12**	-	**Z STA KVL 12**	-
15	L	**Z KVL 15**	-	**Z STA KVL 15**	-
18	L	**Z KVL 18**	-	**Z STA KVL 18**	-
22	L	**Z KVL 22**	-	**Z STA KVL 22**	-
28	L	**Z KVL 28**	-	**Z STA KVL 28**	-
35	L	**Z KVL 35**	-	**Z STA KVL 35**	-
42	L	**Z KVL 42**	-	**Z STA KVL 42**	-
6	S	**Z KVS 6**	-	**Z STA KVS 6**	-
8	S	**Z KVS 8**	-	**Z STA KVS 8**	-
10	S	**Z KVS 10**	-	**Z STA KVS 10**	-
12	S	**Z KVS 12**	-	**Z STA KVS 12**	-
14	S	**Z KVS 14**	-	**Z STA KVS 14**	-
16	S	**Z KVS 16**	-	**Z STA KVS 16**	-
20	S	**Z KVS 20**	-	**Z STA KVS 20**	-
25	S	**Z KVS 25**	-	**Z STA KVS 25**	-
30	S	**Z KVS 30**	-	**Z STA KVS 30**	-
38	S	**Z KVS 38**	-	**Z STA KVS 38**	-

DIN 2353 Pipe fittings

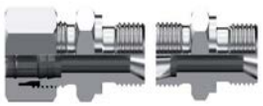
Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Straight male stud coupling BSP cyl. 60°

Racor recto rosca cilíndrica BSP cono 60°

Gerade Einschraubverschr. zyl. BSP kon. 60°

Raccord Union simple mâle gaz cylindrique 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**	-	**Z STA AL 6 RC 1/8**	-
6	1/4" BSP	L	**Z AL 6 RC 1/4**	-	**Z STA AL 6 RC 1/4**	-
6	3/8" BSP	L	**Z AL 6 RC 3/8**	-	**Z STA AL 6 RC 3/8**	-
6	1/2" BSP	L	**Z AL 6 RC 1/2**	-	**Z STA AL 6 RC 1/2**	-
8	1/8" BSP	L	**Z AL 8 RC 1/8**	-	**Z STA AL 8 RC 1/8**	-
8	1/4" BSP	L	**Z AL 8 RC 1/4**	-	**Z STA AL 8 RC 1/4**	-
8	3/8" BSP	L	**Z AL 8 RC 3/8**	-	**Z STA AL 8 RC 3/8**	-
8	1/2" BSP	L	**Z AL 8 RC 1/2**	-	**Z STA AL 8 RC 1/2**	-
10	1/8" BSP	L	**Z AL 10 RC 1/8**	-	**Z STA AL 10 RC 1/8**	-
10	1/4" BSP	L	**Z AL 10 RC 1/4**	-	**Z STA AL 10 RC 1/4**	-
10	3/8" BSP	L	**Z AL 10 RC 3/8**	-	**Z STA AL 10 RC 3/8**	-
10	1/2" BSP	L	**Z AL 10 RC 1/2**	-	**Z STA AL 10 RC 1/2**	-
12	1/4" BSP	L	**Z AL 12 RC 1/4**	-	**Z STA AL 12 RC 1/4**	-
12	3/8" BSP	L	**Z AL 12 RC 3/8**	-	**Z STA AL 12 RC 3/8**	-
12	1/2" BSP	L	**Z AL 12 RC 1/2**	-	**Z STA AL 12 RC 1/2**	-
15	3/8" BSP	L	**Z AL 15 RC 3/8**	-	**Z STA AL 15 RC 3/8**	-
15	1/2" BSP	L	**Z AL 15 RC 1/2**	-	**Z STA AL 15 RC 1/2**	-
15	3/4" BSP	L	**Z AL 15 RC 3/4**	-	**Z STA AL 15 RC 3/4**	-
18	1/2" BSP	L	**Z AL 18 RC 1/2**	-	**Z STA AL 18 RC 1/2**	-
18	3/4" BSP	L	**Z AL 18 RC 3/4**	-	**Z STA AL 18 RC 3/4**	-
18	3/8"BSP	L	**Z AL 18 RC 3/8**	-	**Z STA AL 18 RC 3/8**	-
22	3/8"BSP	L	**Z AL 22 RC 3/8**	-	**Z STA AL 22 RC 3/8**	-
22	1/2" BSP	L	**Z AL 22 RC 1/2**	-	**Z STA AL 22 RC 1/2**	-
22	3/4" BSP	L	**Z AL 22 RC 3/4**	-	**Z STA AL 22 RC 3/4**	-
22	1" BSP	L	**Z AL 22 RC 1**	-	**Z STA AL 22 RC 1**	-
28	3/4" BSP	L	**Z AL 28 RC 3/4**	-	**Z STA AL 28 RC 3/4**	-
28	1" BSP	L	**Z AL 28 RC 1**	-	**Z STA AL 28 RC 1**	-
35	1"1/4 BSP	L	**Z AL 35 RC 1 1/4**	-	**Z STA AL 35 RC 1 1/4**	-
35	1"1/2 BSP	L	**Z AL 35 RC 1 1/2**	-	**Z STA AL 35 RC 1 1/2**	-
42	1" 1/4 BSP	L	**Z AL 42 RC 1 1/4**	-	**Z STA AL 42 RC 1 1/4**	-
42	1"1/2 BSP	L	**Z AL 42 RC 1 1/2**	-	**Z STA AL 42 RC 1 1/2**	-
6	1/4" BSP	S	**Z AS 6 RC 1/4**	-	**Z STA AS 6 RC 1/4**	-
6	3/8" BSP	S	**Z AS 6 RC 3/8**	-	**Z STA AS 6 RC 3/8**	-
8	1/4" BSP	S	**Z AS 8 RC 1/4**	-	**Z STA AS 8 RC 1/4**	-
8	3/8" BSP	S	**Z AS 8 RC 3/8**	-	**Z STA AS 8 RC 3/8**	-
8	1/2" BSP	S	**Z AS 8 RC 1/2**	-	**Z STA AS 8 RC 1/2**	-
10	1/4" BSP	S	**Z AS 10 RC 1/4**	-	**Z STA AS 10 RC 1/4**	-
10	3/8" BSP	S	**Z AS 10 RC 3/8**	-	**Z STA AS 10 RC 3/8**	-
10	1/2" BSP	S	**Z AS 10 RC 1/2**	-	**Z STA AS 10 RC 1/2**	-
12	1/4" BSP	S	**Z AS 12 RC 1/4**	-	**Z STA AS 12 RC 1/4**	-
12	3/8" BSP	S	**Z AS 12 RC 3/8**	-	**Z STA AS 12 RC 3/8**	-
12	1/2" BSP	S	**Z AS 12 RC 1/2**	-	**Z STA AS 12 RC 1/2**	-
14	3/8" BSP	S	**Z AS 14 RC 3/8**	-	**Z STA AS 14 RC 3/8**	-
14	1/2" BSP	S	**Z AS 14 RC 1/2**	-	**Z STA AS 14 RC 1/2**	-
16	3/8" BSP	S	**Z AS 16 RC 3/8**	-	**Z STA AS 16 RC 3/8**	-
16	1/2" BSP	S	**Z AS 16 RC 1/2**	-	**Z STA AS 16 RC 1/2**	-
16	3/4" BSP	S	**Z AS 16 RC 3/4**	-	**Z STA AS 16 RC 3/4**	-
20	3/8" BSP	S	**Z AS 20 RC 3/8**	-	**Z STA AS 20 RC 3/8**	-
20	1/2" BSP	S	**Z AS 20 RC 1/2**	-	**Z STA AS 20 RC 1/2**	-
20	3/4" BSP	S	**Z AS 20 RC 3/4**	-	**Z STA AS 20 RC 3/4**	-
20	1" BSP	S	**Z AS 20 RC 1**	-	**Z STA AS 20 RC 1**	-
25	3/4" BSP	S	**Z AS 25 RC 3/4**	-	**Z STA AS 25 RC 3/4**	-
25	1" BSP	S	**Z AS 25 RC 1**	-	**Z STA AS 25 RC 1**	-
25	1" 1/4 BSP	S	**Z AS 25 RC 1 1/4**	-	**Z STA AS 25 RC 1 1/4**	-
30	1" BSP	S	**Z AS 30 RC 1**	-	**Z STA AS 30 RC 1**	-
30	1"1/4 BSP	S	**Z AS 30 RC 1 1/4**	-	**Z STA AS 30 RC 1 1/4**	-
30	1"1/2 BSP	S	**Z AS 30 RC 1 1/2**	-	**Z STA AS 30 RC 1 1/2**	-
38	1"1/4 BSP	S	**Z AS 38 RC 1 1/4**	-	**Z STA AS 38 RC 1 1/4**	-
38	1"1/2 BSP	S	**Z AS 38 RC 1 1/2**	-	**Z STA AS 38 RC 1 1/2**	-

Straight male stud coupling BSP cylindrical with captive seal

Racor recto rosca cilíndrica BSP con junta

Gerade Einschraubverschr. mit Flachdichtung BSP ZYL - GE-R-ED

Raccord union simple mâle gaz cylindrique avec joint plat



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**	-	**Z STA AL 6 R 1/8WD**	-
6	L	1/4"BSP	**Z AL 6 R 1/4WD**	-	**Z STA AL 6 R 1/4WD**	-
6	L	3/8"BSP	**Z AL 6 R 3/8WD**	-	**Z STA AL 6 R 3/8WD**	-
8	L	1/8"BSP	**Z AL 8 R 1/8WD**	-	**Z STA AL 8 R 1/8WD**	-
8	L	1/4"BSP	**Z AL 8 R 1/4WD**	-	**Z STA AL 8 R 1/4WD**	-
8	L	3/8"BSP	**Z AL 8 R 3/8WD**	-	**Z STA AL 8 R 3/8WD**	-
8	L	1/2"BSP	**Z AL 8 R 1/2WD**	-	**Z STA AL 8 R 1/2WD**	-
10	L	1/8"BSP	**Z AL 10 R 1/8WD**	-	**Z STA AL 10 R 1/8WD**	-
10	L	1/4"BSP	**Z AL 10 R 1/4WD**	-	**Z STA AL 10 R 1/4WD**	-
10	L	3/8"BSP	**Z AL 10 R 3/8WD**	-	**Z STA AL 10 R 3/8WD**	-
10	L	1/2"BSP	**Z AL 10 R 1/2WD**	-	**Z STA AL 10 R 1/2WD**	-
12	L	1/4"BSP	**Z AL 12 R 1/4WD**	-	**Z STA AL 12 R 1/4WD**	-
12	L	3/8"BSP	**Z AL 12 R 3/8WD**	-	**Z STA AL 12 R 3/8WD**	-
12	L	1/2"BSP	**Z AL 12 R 1/2WD**	-	**Z STA AL 12 R 1/2WD**	-
15	L	3/8"BSP	**Z AL 15 R 3/8WD**	-	**Z STA AL 15 R 3/8WD**	-
15	L	1/2"BSP	**Z AL 15 R 1/2WD**	-	**Z STA AL 15 R 1/2WD**	-
15	L	3/4"BSP	**Z AL 15 R 3/4WD**	-	**Z STA AL 15 R 3/4WD**	-
18	L	3/8"BSP	**Z AL 18 R 3/8WD**	-	**Z STA AL 18 R 3/8WD**	-
18	L	1/2"BSP	**Z AL 18 R 1/2WD**	-	**Z STA AL 18 R 1/2WD**	-
18	L	3/4"BSP	**Z AL 18 R 3/4WD**	-	**Z STA AL 18 R 3/4WD**	-
22	L	1/2"BSP	**Z AL 22 R 1/2WD**	-	**Z STA AL 22 R 1/2WD**	-
22	L	3/4"BSP	**Z AL 22 R 3/4WD**	-	**Z STA AL 22 R 3/4WD**	-
22	L	1"BSP	**Z AL 22 R 1WD**	-	**Z STA AL 22 R 1WD**	-
28	L	3/4"BSP	**Z AL 28 R 3/4WD**	-	**Z STA AL 28 R 3/4WD**	-
28	L	1"BSP	**Z AL 28 R 1WD**	-	**Z STA AL 28 R 1WD**	-
35	L	1"BSP	**Z AL 35 R 1WD**	-	**Z STA AL 35 R 1WD**	-
35	L	1"1/4BSP	**Z AL 35 R 1 1/4WD**	-	**Z STA AL 35 R 1 1/4WD**	-
42	L	1"1/4BSP	**Z AL 42 R 1 1/4WD**	-	**Z STA AL 42 R 1 1/4WD**	-
42	L	1"1/2BSP	**Z AL 42 R 1 1/2WD**	-	**Z STA AL 42 R 1 1/2WD**	-
6	S	1/4"BSP	**Z AS 6 R 1/4WD**	-	**Z STA AS 6 R 1/4WD**	-
8	S	1/4"BSP	**Z AS 8 R 1/4WD**	-	**Z STA AS 8 R 1/4WD**	-
8	S	3/8"BSP	**Z AS 8 R 3/8WD**	-	**Z STA AS 8 R 3/8WD**	-
8	S	1/2"BSP	**Z AS 8 R 1/2WD**	-	**Z STA AS 8 R 1/2WD**	-
10	S	1/4"BSP	**Z AS 10 R 1/4WD**	-	**Z STA AS 10 R 1/4WD**	-
10	S	3/8"BSP	**Z AS 10 R 3/8WD**	-	**Z STA AS 10 R 3/8WD**	-
10	S	1/2"BSP	**Z AS 10 R 1/2WD**	-	**Z STA AS 10 R 1/2WD**	-
12	S	1/4"BSP	**Z AS 12 R 1/4WD**	-	**Z STA AS 12 R 1/4WD**	-
12	S	3/8"BSP	**Z AS 12 R 3/8WD**	-	**Z STA AS 12 R 3/8WD**	-
12	S	1/2"BSP	**Z AS 12 R 1/2WD**	-	**Z STA AS 12 R 1/2WD**	-
14	S	3/8"BSP	**Z AS 14 R 3/8WD**	-	**Z STA AS 14 R 3/8WD**	-
14	S	1/2"BSP	**Z AS 14 R 1/2WD**	-	**Z STA AS 14 R 1/2WD**	-
16	S	3/8"BSP	**Z AS 16 R 3/8WD**	-	**Z STA AS 16 R 3/8WD**	-
16	S	1/2"BSP	**Z AS 16 R 1/2WD**	-	**Z STA AS 16 R 1/2WD**	-
16	S	3/4"BSP	**Z AS 16 R 3/4WD**	-	**Z STA AS 16 R 3/4WD**	-
20	S	1/2"BSP	**Z AS 20 R 1/2WD**	-	**Z STA AS 20 R 1/2WD**	-
20	S	3/4"BSP	**Z AS 20 R 3/4WD**	-	**Z STA AS 20 R 3/4WD**	-
25	S	3/4" BSP	**Z AS 25 R 3/4WD**	-	**Z STA AS 25 R 3/4WD**	-
25	S	1"BSP	**Z AS 25 R 1WD**	-	**Z STA AS 25 R 1WD**	-
25	S	1"1/4BSP	**Z AS 25 R 1 1/4WD**	-	**Z STA AS 25 R 1 1/4WD**	-
30	S	1"BSP	**Z AS 30 R 1WD**	-	**Z STA AS 30 R 1WD**	-
30	S	1"1/4 BSP	**Z AS 30 R 1 1/4WD**	-	**Z STA AS 30 R 1 1/4WD**	-
30	S	1"1/2BSP	**Z AS 30 R 1 1/2WD**	-	**Z STA AS 30 R 1 1/2WD**	-
38	S	1"1/4BSP	**Z AS 38 R 1 1/4WD**	-	**Z STA AS 38 R 1 1/4WD**	-
38	S	1"1/2BSP	**Z AS 38 R 1 1/2WD**	-	**Z STA AS 38 R 1 1/2WD**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Straight male stud coupling BSP cylindrical

Racor recto rosca cilíndrica BSP

Gerade Einschraubverschr. BSP 60° Innenkonus – GE-R

Raccord union simple gaz cylindrique mâle



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**	-	---	-
10	L	1/8" BSP	**Z AL 10 R 1/8**	-	---	-
15	L	3/4" BSP	**Z AL 15 R 3/4**	-	---	-
6	S	1/4" BSP	**Z AS 6 R 1/4**	-	**Z STA AS 6 R 1/4**	-
8	S	1/4" BSP	**Z AS 8 R 1/4**	-	**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**	-	**Z STA AS 10 R 1/4**	-
10	S	3/8" BSP	**Z AS 10 R 3/8**	-	**Z STA AS 10 R 3/8**	-
38	S	1"1/4 BSP	**Z AS 38 R 1 1/4**	-	**Z STA AS 38 R 1 1/4**	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Straight male stud coupling Metric cylindrical with captive seal

Racor recto rosca cilíndrica Métrica con junta

Gerade metr. Einschraubverschr. mit Flachdichtung GE-M-ED

Raccord union simple mâle cylindrique Métrique avec joint plat



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	M10x1	**Z AL 6 M 10X1 WD**	-	**Z STA AL 6 M 10X1 WD**	-
8	L	M12x1.5	**Z AL 8 M 12X1.5 WD**	-	**Z STA AL 8 M 12X1.5 WD**	-
10	L	M12x1.5	**Z AL 10 M 12X1.5 WD**	-	**Z STA AL 10 M 12X1.5 WD**	-
10	L	M14x1.5	**Z AL 10 M 14X1.5 WD**	-	**Z STA AL 10 M 14X1.5 WD**	-
10	L	M16x1.5	**Z AL 10 M 16X1.5 WD**	-	**Z STA AL 10 M 16X1.5 WD**	-
12	L	M16x1.5	**Z AL 12 M 16X1.5 WD**	-	**Z STA AL 12 M 16X1.5 WD**	-
12	L	M18x1.5	**Z AL 12 M 18X1.5 WD**	-	**Z STA AL 12 M 18X1.5 WD**	-
12	L	M22x1.5	**Z AL 12 M 22X1.5 WD**	-	**Z STA AL 12 M 22X1.5 WD**	-
15	L	M18x1.5	**Z AL 15 M 18X1.5 WD**	-	**Z STA AL 15 M 18X1.5 WD**	-
18	L	M22x1.5	**Z AL 18 M 22X1.5 WD**	-	**Z STA AL 18 M 22X1.5 WD**	-
22	L	M26x1.5	**Z AL 22 M 26X1.5 WD**	-	**Z STA AL 22 M 26X1.5 WD**	-
28	L	M33x2	**Z AL 28 M 33X2 WD**	-	**Z STA AL 28 M 33X2 WD**	-
35	L	M42x2	**Z AL 35 M 42X2 WD**	-	**Z STA AL 35 M 42X2 WD**	-
42	L	M48x2	**Z AL 42 M 48X2 WD**	-	**Z STA AL 42 M 48X2 WD**	-
6	S	M12x1.5	**Z AS 6 M 12X1.5 WD**	-	**Z STA AS 6 M 12X1.5 WD**	-
6	S	M14x1.5	**Z AS 6 M 14X1.5 WD**	-	**Z STA AS 6 M 14X1.5 WD**	-
8	S	M14x1.5	**Z AS 8 M 14X1.5 WD**	-	**Z STA AS 8 M 14X1.5 WD**	-
10	S	M16x1.5	**Z AS 10 M 16X1.5 WD**	-	**Z STA AS 10 M 16X1.5 WD**	-
12	S	M14x1.5	**Z AS 12 M 14X1.5 WD**	-	**Z STA AS 12 M 14X1.5 WD**	-
12	S	M18x1.5	**Z AS 12 M 18X1.5 WD**	-	**Z STA AS 12 M 18X1.5 WD**	-
14	S	M20x1.5	**Z AS 14 M 20X1.5 WD**	-	**Z STA AS 14 M 20X1.5 WD**	-
16	S	M22x1.5	**Z AS 16 M 22X1.5 WD**	-	**Z STA AS 16 M 22X1.5 WD**	-
20	S	M27x2	**Z AS 20 M 27X2 WD**	-	**Z STA AS 20 M 27X2 WD**	-
25	S	M33x2	**Z AS 25 M 33X2 WD**	-	**Z STA AS 25 M 33X2 WD**	-
30	S	M42x2	**Z AS 30 M 42X2 WD**	-	**Z STA AS 30 M 42X2 WD**	-
38	S	M48x2	**Z AS 38 M 48X2 WD**	-	**Z STA AS 38 M 48X2 WD**	-

Straight male stud coupling UNF

Racor recto rosca UNF

Gerade Einschraubverschr. UNF

Raccord union simple mâle 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**	-	**Z STA AL 8 7/16 UNF**	-
10	L	7/16" UNF	**Z AL 10 7/16 UNF**	-	**Z STA AL 10 7/16 UNF**	-
12	L	3/4" UNF	**Z AL 12 3/4 UNF**	-	**Z STA AL 12 3/4 UNF**	-
12	L	9/16" UNF	**Z AL 12 9/16 UNF**	-	**Z STA AL 12 9/16 UNF**	-
15	L	3/4" UNF	**Z AL 15 3/4 UNF**	-	**Z STA AL 15 3/4 UNF**	-
18	L	7/8" UNF	**Z AL 18 7/8 UNF**	-	**Z STA AL 18 7/8 UNF**	-
22	L	1" 1/16 UNF	**Z AL 22 1 1/16 UNF**	-	**Z STA AL 22 1 1/16 UNF**	-
28	L	1" 5/16 UNF	**Z AL 28 1 5/16 UNF**	-	**Z STA AL 28 1 5/16 UNF**	-
35	L	1" 5/8 UNF	**Z AL 35 1 5/8 UNF**	-	**Z STA AL 35 1 5/8 UNF**	-
8	S	7/16" UNF	**Z AS 8 7/16 UNF**	-	**Z STA AS 8 7/16 UNF**	-
10	S	9/16" UNF	**Z AS 10 9/16 UNF**	-	**Z STA AS 10 9/16 UNF**	-
12	S	9/16" UNF	**Z AS 12 9/16 UNF**	-	**Z STA AS 12 9/16 UNF**	-
16	S	3/4" UNF	**Z AS 16 3/4 UNF**	-	**Z STA AS 16 3/4 UNF**	-
20	S	7/8" UNF	**Z AS 20 7/8 UNF**	-	**Z STA AS 20 7/8 UNF**	-
20	S	1" 1/16 UNF	**Z AS 20 1 1/16 UNF**	-	**Z STA AS 20 1 1/16 UNF**	-
25	S	1" 5/16 UNF	**Z AS 25 1 5/16 UNF**	-	**Z STA AS 25 1 5/16 UNF**	-
30	S	1" 5/16 UNF	**Z AS 30 1 5/16 UNF**	-	**Z STA AS 30 1 5/16 UNF**	-
38	S	1" 5/8 UNF	**Z AS 38 1 5/8 UNF**	-	**Z STA AS 38 1 5/8 UNF**	-

DIN 2353 Pipe fittings

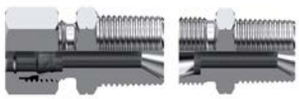
Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Straight male stud coupling NPT

Racor recto rosca cónica NPT

Gerade Einschraubverschr.
NPT - EVGE-NPT

Raccord union simple mâle 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**	-	**Z STA AKL 6 1/8 NPT**	-
6	L	1/4"NPT	**Z AKL 6 1/4 NPT**	-	**Z STA AKL 6 1/4 NPT**	-
6	L	3/8"NPT	**Z AKL 6 3/8 NPT**	-	**Z STA AKL 6 3/8 NPT**	-
8	L	1/8"NPT	**Z AKL 8 1/8 NPT**	-	**Z STA AKL 8 1/8 NPT**	-
8	L	1/4"NPT	**Z AKL 8 1/4 NPT**	-	**Z STA AKL 8 1/4 NPT**	-
8	L	3/8"NPT	**Z AKL 8 3/8 NPT**	-	**Z STA AKL 8 3/8 NPT**	-
8	L	1/2"NPT	**Z AKL 8 1/2 NPT**	-	**Z STA AKL 8 1/2 NPT**	-
10	L	1/4"NPT	**Z AKL 10 1/4 NPT**	-	**Z STA AKL 10 1/4 NPT**	-
10	L	3/8"NPT	**Z AKL 10 3/8 NPT**	-	**Z STA AKL 10 3/8 NPT**	-
10	L	1/2"NPT	**Z AKL 10 1/2 NPT**	-	**Z STA AKL 10 1/2 NPT**	-
12	L	1/4"NPT	**Z AKL 12 1/4 NPT**	-	**Z STA AKL 12 1/4 NPT**	-
12	L	3/8"NPT	**Z AKL 12 3/8 NPT**	-	**Z STA AKL 12 3/8 NPT**	-
12	L	1/2"NPT	**Z AKL 12 1/2 NPT**	-	**Z STA AKL 12 1/2 NPT**	-
15	L	3/8"NPT	**Z AKL 15 3/8 NPT**	-	**Z STA AKL 15 3/8 NPT**	-
15	L	1/2"NPT	**Z AKL 15 1/2 NPT**	-	**Z STA AKL 15 1/2 NPT**	-
18	L	1/2"NPT	**Z AKL 18 1/2 NPT**	-	**Z STA AKL 18 1/2 NPT**	-
18	L	3/4"NPT	**Z AKL 18 3/4 NPT**	-	**Z STA AKL 18 3/4 NPT**	-
22	L	3/4"NPT	**Z AKL 22 3/4 NPT**	-	**Z STA AKL 22 3/4 NPT**	-
28	L	1"NPT	**Z AKL 28 1 NPT**	-	**Z STA AKL 28 1 NPT**	-
35	L	1"1/4NPT	**Z AKL 35 1 1/4 NPT**	-	**Z STA AKL 35 1 1/4 NPT**	-
42	L	1"1/2NPT	**Z AKL 42 1 1/2 NPT**	-	**Z STA AKL 42 1 1/2 NPT**	-
6	S	1/8"NPT	**Z AKS 6 1/8 NPT**	-	**Z STA AKS 6 1/8 NPT**	-
6	S	1/4"NPT	**Z AKS 6 1/4 NPT**	-	**Z STA AKS 6 1/4 NPT**	-
6	S	3/8"NPT	**Z AKS 6 3/8 NPT**	-	**Z STA AKS 6 3/8 NPT**	-
8	S	1/4"NPT	**Z AKS 8 1/4 NPT**	-	**Z STA AKS 8 1/4 NPT**	-
8	S	3/8"NPT	**Z AKS 8 3/8 NPT**	-	**Z STA AKS 8 3/8 NPT**	-
8	S	1/2"NPT	**Z AKS 8 1/2 NPT**	-	**Z STA AKS 8 1/2 NPT**	-
10	S	1/4"NPT	**Z AKS 10 1/4 NPT**	-	**Z STA AKS 10 1/4 NPT**	-
10	S	3/8"NPT	**Z AKS 10 3/8 NPT**	-	**Z STA AKS 10 3/8 NPT**	-
10	S	1/2"NPT	**Z AKS 10 1/2 NPT**	-	**Z STA AKS 10 1/2 NPT**	-
12	S	1/4"NPT	**Z AKS 12 1/4 NPT**	-	**Z STA AKS 12 1/4 NPT**	-
12	S	3/8"NPT	**Z AKS 12 3/8 NPT**	-	**Z STA AKS 12 3/8 NPT**	-
12	S	1/2"NPT	**Z AKS 12 1/2 NPT**	-	**Z STA AKS 12 1/2 NPT**	-
14	S	1/2"NPT	**Z AKS 14 1/2 NPT**	-	**Z STA AKS 14 1/2 NPT**	-
16	S	1/2"NPT	**Z AKS 16 1/2 NPT**	-	**Z STA AKS 16 1/2 NPT**	-
16	S	3/4"NPT	**Z AKS 16 3/4 NPT**	-	**Z STA AKS 16 3/4 NPT**	-
20	S	1/2"NPT	**Z AKS 20 1/2 NPT**	-	**Z STA AKS 20 1/2 NPT**	-
20	S	3/4"NPT	**Z AKS 20 3/4 NPT**	-	**Z STA AKS 20 3/4 NPT**	-
20	S	1"NPT	**Z AKS 20 1 NPT**	-	**Z STA AKS 20 1 NPT**	-
25	S	3/4"NPT	**Z AKS 25 3/4 NPT**	-	**Z STA AKS 25 3/4 NPT**	-
25	S	1"NPT	**Z AKS 25 1 NPT**	-	**Z STA AKS 25 1 NPT**	-
30	S	1"NPT	**Z AKS 30 1 NPT**	-	**Z STA AKS 30 1 NPT**	-
30	S	1"1/4NPT	**Z AKS 30 1 1/4 NPT**	-	**Z STA AKS 30 1 1/4 NPT**	-
38	S	1"1/2NPT	**Z AKS 38 1 1/2 NPT**	-	**Z STA AKS 38 1 1/2 NPT**	-

Straight male stud coupling BSPT

Racor recto rosca cónica BSPT

Gerade Einschraubverschr.
kegelig - GE-BSPT

Raccord union simple mâle conique



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**	-	**Z STA AKL 6 R 1/8**	-
6	L	1/4" BSPT	**Z AKL 6 R 1/4**	-	**Z STA AKL 6 R 1/4**	-
8	L	1/8" BSPT	**Z AKL 8 R 1/8**	-	**Z STA AKL 8 R 1/8**	-
8	L	1/4" BSPT	**Z AKL 8 R 1/4**	-	**Z STA AKL 8 R 1/4**	-
6	L	3/8" BSPT	**Z AKL 6 R 3/8**	-	**Z STA AKL 6 R 3/8**	-
8	L	3/8" BSPT	**Z AKL 8 R 3/8**	-	**Z STA AKL 8 R 3/8**	-
10	L	1/4" BSPT	**Z AKL 10 R 1/4**	-	**Z STA AKL 10 R 1/4**	-
10	L	3/8" BSPT	**Z AKL 10 R 3/8**	-	**Z STA AKL 10 R 3/8**	-
10	L	1/2" BSPT	**Z AKL 10 R 1/2**	-	**Z STA AKL 10 R 1/2**	-
12	L	1/4" BSPT	**Z AKL 12 R 1/4**	-	**Z STA AKL 12 R 1/4**	-
12	L	3/8" BSPT	**Z AKL 12 R 3/8**	-	**Z STA AKL 12 R 3/8**	-
12	L	1/2" BSPT	**Z AKL 12 R 1/2**	-	**Z STA AKL 12 R 1/2**	-
15	L	3/8" BSPT	**Z AKL 15 R 3/8**	-	**Z STA AKL 15 R 3/8**	-
15	L	1/2" BSPT	**Z AKL 15 R 1/2**	-	**Z STA AKL 15 R 1/2**	-
18	L	1/2" BSPT	**Z AKL 18 R 1/2**	-	**Z STA AKL 18 R 1/2**	-
22	L	3/4" BSPT	**Z AKL 22 R 3/4**	-	**Z STA AKL 22 R 3/4**	-
28	L	1" BSPT	**Z AKL 28 R 1**	-	**Z STA AKL 28 R 1**	-
35	L	1"1/4 BSPT	**Z AKL 35 R 1 1/4**	-	**Z STA AKL 35 R 1 1/4**	-
42	L	1"1/4 BSPT	**Z AKL 42 R 1 1/4**	-	**Z STA AKL 42 R 1 1/4**	-
6	S	1/4" BSPT	**Z AKS 6 R 1/4**	-	**Z STA AKS 6 R 1/4**	-
8	S	1/4" BSPT	**Z AKS 8 R 1/4**	-	**Z STA AKS 8 R 1/4**	-
10	S	3/8" BSPT	**Z AKS 10 R 3/8**	-	**Z STA AKS 10 R 3/8**	-
14	S	1/2" BSPT	**Z AKS 14 R 1/2**	-	**Z STA AKS 14 R 1/2**	-
16	S	1/2" BSPT	**Z AKS 16 R 1/2**	-	**Z STA AKS 16 R 1/2**	-
20	S	3/4" BSPT	**Z AKS 20 R 3/4**	-	**Z STA AKS 20 R 3/4**	-
25	S	1" BSPT	**Z AKS 25 R 1**	-	**Z STA AKS 25 R 1**	-
30	S	1"1/4 BSPT	**Z AKS 30 R 1 1/4**	-	**Z STA AKS 30 R 1 1/4**	-

Straight male stud coupling Metric

Racor recto rosca cónica Métrica

Gerade Einschraubverschr. metr. kon.- EVGE-M (KEG)

Raccord union simple mâle Métrique conique



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**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Male stud elbow BSPT

Racor en codo rosca cónica BSPT

W-Einschraubverschr. BSPT kon. - WE-R (KEG)

Raccord union coude mâle gaz conique



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**	-	---	-
6	L	1/8" BSPT	**Z CKL 6 R 1/8**	-	**Z STA CKL 6 R 1/8**	-
6	L	1/4" BSPT	**Z CKL 6 R 1/4**	-	**Z STA CKL 6 R 1/4**	-
8	L	1/8" BSPT	**Z CKL 8 R 1/8**	-	**Z STA CKL 8 R 1/8**	-
8	L	1/4" BSPT	**Z CKL 8 R 1/4**	-	**Z STA CKL 8 R 1/4**	-
8	L	3/8" BSPT	**Z CKL 8 R 3/8**	-	**Z STA CKL 8 R 3/8**	-
8	L	1/2" BSPT	**Z CKL 8 R 1/2**	-	**Z STA CKL 8 R 1/2**	-
10	L	1/8" BSPT	**Z CKL 10 R 1/8**	-	**Z STA CKL 10 R 1/8**	-
10	L	1/4" BSPT	**Z CKL 10 R 1/4**	-	**Z STA CKL 10 R 1/4**	-
10	L	3/8" BSPT	**Z CKL 10 R 3/8**	-	**Z STA CKL 10 R 3/8**	-
10	L	1/2" BSPT	**Z CKL 10 R 1/2**	-	**Z STA CKL 10 R 1/2**	-
12	L	1/4" BSPT	**Z CKL 12 R 1/4**	-	**Z STA CKL 12 R 1/4**	-
12	L	3/8" BSPT	**Z CKL 12 R 3/8**	-	**Z STA CKL 12 R 3/8**	-
12	L	1/2" BSPT	**Z CKL 12 R 1/2**	-	**Z STA CKL 12 R 1/2**	-
15	L	3/8" BSPT	**Z CKL 15 R 3/8**	-	**Z STA CKL 15 R 3/8**	-
15	L	1/2" BSPT	**Z CKL 15 R 1/2**	-	**Z STA CKL 15 R 1/2**	-
18	L	1/2" BSPT	**Z CKL 18 R 1/2**	-	**Z STA CKL 18 R 1/2**	-
22	L	3/4" BSPT	**Z CKL 22 R 3/4**	-	**Z STA CKL 22 R 3/4**	-
28	L	1" BSPT	**Z CKL 28 R 1**	-	**Z STA CKL 28 R 1**	-
35	L	1"1/4 BSPT	**Z CKL 35 R 1 1/4**	-	**Z STA CKL 35 R 1 1/4**	-
6	S	1/4" BSPT	**Z CKS 6 R 1/4**	-	**Z STA CKS 6 R 1/4**	-
8	S	1/4" BSPT	**Z CKS 8 R 1/4**	-	**Z STA CKS 8 R 1/4**	-
8	S	3/8" BSPT	**Z CKS 8 R 3/8***	-	---	-
8	S	1/2" BSPT	**Z CKS 8 R 1/2**	-	**Z STA CKS 8 R 1/2**	-
10	S	1/4" BSPT	**Z CKS 10 R 1/4**	-	**Z STA CKS 10 R 1/4**	-
10	S	3/8" BSPT	**Z CKS 10 R 3/8**	-	**Z STA CKS 10 R 3/8**	-
10	S	1/2" BSPT	**Z CKS 10 R 1/2***	-	---	-
12	S	3/8" BSPT	**Z CKS 12 R 3/8**	-	**Z STA CKS 12 R 3/8**	-
14	S	1/2" BSPT	**Z CKS 14 R 1/2**	-	**Z STA CKS 14 R 1/2**	-
16	S	1/2" BSPT	**Z CKS 16 R 1/2**	-	**Z STA CKS 16 R 1/2**	-
20	S	3/4" BSPT	**Z CKS 20 R 3/4**	-	**Z STA CKS 20 R 3/4**	-
25	S	1" BSPT	**Z CKS 25 R 1**	-	**Z STA CKS 25 R 1**	-
30	S	1"1/4 BSPT	**Z CKS 30 R 1 1/4**	-	**Z STA CKS 30 R 1 1/4**	-
38	S	1"1/2 BSPT	**Z CKS 38 R 1 1/2**	-	**Z STA CKS 38 R 1 1/2**	-

*** Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu'à la fin du stock*

90° Adjustable male stud elbow BSP

Racor en codo orientable BSP

Einstellbare W-Verschr. BSP - SWVE-M-R

Coude orientable mâle 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**	-	**Z STA WEE 6L R 1/8**	-
8	L	1/4" BSP	**Z WEE 8L R 1/4**	-	**Z STA WEE 8L R 1/4**	-
10	L	1/4" BSP	**Z WEE 10L R 1/4**	-	**Z STA WEE 10L R 1/4**	-
12	L	3/8" BSP	**Z WEE 12L R 3/8**	-	**Z STA WEE 12L R 3/8**	-
15	L	1/2" BSP	**Z WEE 15L R 1/2**	-	**Z STA WEE 15L R 1/2**	-
18	L	1/2" BSP	**Z WEE 18L R 1/2**	-	**Z STA WEE 18L R 1/2**	-
22	L	3/4" BSP	**Z WEE 22L R 3/4**	-	**Z STA WEE 22L R 3/4**	-
6	S	1/4" BSP	**Z WEE 6S R 1/4**	-	**Z STA WEE 6S R 1/4**	-
8	S	1/4" BSP	**Z WEE 8S R 1/4**	-	**Z STA WEE 8S R 1/4**	-
10	S	3/8" BSP	**Z WEE 10S R 3/8**	-	**Z STA WEE 10S R 3/8**	-
12	S	3/8" BSP	**Z WEE 12S R 3/8**	-	**Z STA WEE 12S R 3/8**	-
16	S	1/2" BSP	**Z WEE 16S R 1/2**	-	**Z STA WEE 16S R 1/2**	-
20	S	3/4" BSP	**Z WEE 20S R 3/4**	-	**Z STA WEE 20S R 3/4**	-
25	S	1" BSP	**Z WEE 25S R 1**	-	**Z STA WEE 25S R 1**	-

Male stud elbow NPT

Racor en codo rosca cónica NPT

W-Einschraubverschr. NPT - WE-NPT kon

Raccord union coude mâle 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**	-	**Z STA CKL 6 1/8 NPT**	-
6	L	1/4" NPT	**Z CKL 6 1/4 NPT**	-	**Z STA CKL 6 1/4 NPT**	-
8	L	1/4" NPT	**Z CKL 8 1/4 NPT**	-	**Z STA CKL 8 1/4 NPT**	-
10	L	1/4" NPT	**Z CKL 10 1/4 NPT**	-	**Z STA CKL 10 1/4 NPT**	-
12	L	1/4" NPT	**Z CKL 12 1/4 NPT**	-	**Z STA CKL 12 1/4 NPT**	-
12	L	3/8" NPT	**Z CKL 12 3/8 NPT**	-	**Z STA CKL 12 3/8 NPT**	-
12	L	1/2" NPT	**Z CKL 12 1/2 NPT**	-	**Z STA CKL 12 1/2 NPT**	-
15	L	1/2" NPT	**Z CKL 15 1/2 NPT**	-	**Z STA CKL 15 1/2 NPT**	-
18	L	1/2" NPT	**Z CKL 18 1/2 NPT**	-	**Z STA CKL 18 1/2 NPT**	-
22	L	3/4" NPT	**Z CKL 22 3/4 NPT**	-	**Z STA CKL 22 3/4 NPT**	-
28	L	1" NPT	**Z CKL 28 1 NPT**	-	**Z STA CKL 28 1 NPT**	-
35	L	1"1/4 NPT	**Z CKL 35 1 1/4 NPT**	-	**Z STA CKL 35 1 1/4 NPT**	-
42	L	1"1/2 NPT	**Z CKL 42 1 1/2 NPT**	-	**Z STA CKL 42 1 1/2 NPT**	-
6	S	1/4" NPT	**Z CKS 6 1/4 NPT**	-	**Z STA CKS 6 1/4 NPT**	-
8	S	1/4" NPT	**Z CKS 8 1/4 NPT**	-	**Z STA CKS 8 1/4 NPT**	-
10	S	3/8" NPT	**Z CKS 10 3/8 NPT**	-	**Z STA CKS 10 3/8 NPT**	-
12	S	3/8" NPT	**Z CKS 12 3/8 NPT**	-	**Z STA CKS 12 3/8 NPT**	-
12	S	1/2" NPT	**Z CKS 12 1/2 NPT**	-	**Z STA CKS 12 1/2 NPT**	-
14	S	1/2" NPT	**Z CKS 14 1/2 NPT**	-	**Z STA CKS 14 1/2 NPT**	-
16	S	1/2" NPT	**Z CKS 16 1/2 NPT**	-	**Z STA CKS 16 1/2 NPT**	-
20	S	3/4" NPT	**Z CKS 20 3/4 NPT**	-	**Z STA CKS 20 3/4 NPT**	-
25	S	1" NPT	**Z CKS 25 1 NPT**	-	**Z STA CKS 25 1 NPT**	-
30	S	1"1/4 NPT	**Z CKS 30 1 1/4 NPT**	-	**Z STA CKS 30 1 1/4 NPT**	-
38	S	1"1/2 NPT	**Z CKS 38 1 1/2 NPT**	-	**Z STA CKS 38 1 1/2 NPT**	-

Male stud elbow metrical conical

Racor en codo rosca cónica Métrica

W-Einschraubverschr. metr. kon. - WE-M (KEG)

Raccord équerre mâle métrique



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**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Male stud barrel TEE BSPT

Racor en L rosca cónica BSPT

L-Einschraubverschr. BSPT kon. (LR)

Raccord TÉ mâle gaz conique latéral



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**	-

Male stud barrel TEE Metric

Racor en L rosca cónica Métrica

L-Einschraubverschr. metr. kon. (LM)

Raccord Té mâle Métrique latéral



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**	-

Male stud branch TEE BSPT

Racor en T rosca cónica BSPT

T-Einschraubverschr. BSPT kon. (TR)

Raccord TÉ mâle gaz conique au centre



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**	-

***Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Male stud branch TEE Metrical

Racor en T rosca cónica Métrica

T-Einschraubverschr. metr. kon. (TM)

Raccord TÉ mâle Métrique au centre



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**	-

***On request** / Consultar **/ Auf Anfrage** / Sur demande

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Standpipe reducer swivel female (light series)

Racor de reducción con TL Métrica (serie ligera)

Metr. Reduzierverschraubung (Leichte Baureihe)

Raccord union simple femelle tournante Métrique (série légère)



TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
8	6	L	Z KORL 8-6 TLM	-	Z STA KORL 8-6 TLM	-
10	6	L	Z KORL 10-6 TLM	-	Z STA KORL 10-6 TLM	-
10	8	L	Z KORL 10-8 TLM	-	Z STA KORL 10-8 TLM	-
12	6	L	Z KORL 12-6 TLM	-	Z STA KORL 12-6 TLM	-
12	8	L	Z KORL 12-8 TLM	-	Z STA KORL 12-8 TLM	-
12	10	L	Z KORL 12-10 TLM	-	Z STA KORL 12-10 TLM	-
15	6	L	Z KORL 15-6 TLM	-	Z STA KORL 15-6 TLM	-
15	8	L	Z KORL 15-8 TLM	-	Z STA KORL 15-8 TLM	-
15	10	L	Z KORL 15-10 TLM	-	Z STA KORL 15-10 TLM	-
15	12	L	Z KORL 15-12 TLM	-	Z STA KORL 15-12 TLM	-
18	8	L	Z KORL 18-8 TLM	-	Z STA KORL 18-8 TLM	-
18	10	L	Z KORL 18-10 TLM	-	Z STA KORL 18-10 TLM	-
18	12	L	Z KORL 18-12 TLM	-	Z STA KORL 18-12 TLM	-
18	15	L	Z KORL 18-15 TLM	-	Z STA KORL 18-15 TLM	-
22	10	L	Z KORL 22-10 TLM	-	Z STA KORL 22-10 TLM	-
22	12	L	Z KORL 22-12 TLM	-	Z STA KORL 22-12 TLM	-
22	15	L	Z KORL 22-15 TLM	-	Z STA KORL 22-15 TLM	-
22	18	L	Z KORL 22-18 TLM	-	Z STA KORL 22-18 TLM	-
28	10	L	Z KORL 28-10 TLM	-	Z STA KORL 28-10 TLM	-
28	12	L	Z KORL 28-12 TLM	-	Z STA KORL 28-12 TLM	-
28	15	L	Z KORL 28-15 TLM	-	Z STA KORL 28-15 TLM	-
28	18	L	Z KORL 28-18 TLM	-	Z STA KORL 28-18 TLM	-
28	22	L	Z KORL 28-22 TLM	-	Z STA KORL 28-22 TLM	-
35	12	L	Z KORL 35-12 TLM	-	Z STA KORL 35-12 TLM	-
35	22	L	Z KORL 35-22 TLM	-	Z STA KORL 35-22 TLM	-
35	28	L	Z KORL 35-28 TLM	-	Z STA KORL 35-28 TLM	-
42	22	L	Z KORL 42-22 TLM	-	Z STA KORL 42-22 TLM	-
42	28	L	Z KORL 42-28 TLM	-	Z STA KORL 42-28 TLM	-
42	35	L	Z KORL 42-35 TLM	-	Z STA KORL 42-35 TLM	-

Standpipe reducer swivel female (heavy series)

Racor de reducción con TL Métrica (serie pesada)

Metr. Reduzierverschraubung (Schwere Baureihe)

Raccord union simple femelle tournante Métrique (série lourde)



TUBO PIPE	TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia Part n°	€
8	6	S	Z KORS 8-6 TLM	-	Z STA KORS 8-6 TLM	-
10	6	S	Z KORS 10-6 TLM	-	Z STA KORS 10-6 TLM	-
10	8	S	Z KORS 10-8 TLM	-	Z STA KORS 10-8 TLM	-
12	6	S	Z KORS 12-6 TLM	-	Z STA KORS 12-6 TLM	-
12	8	S	Z KORS 12-8 TLM	-	Z STA KORS 12-8 TLM	-
12	10	S	Z KORS 12-10 TLM	-	Z STA KORS 12-10 TLM	-
14	10	S	Z KORS 14-10 TLM	-	Z STA KORS 14-10 TLM	-
14	12	S	Z KORS 14-12 TLM	-	Z STA KORS 14-12 TLM	-
16	6	S	Z KORS 16-6 TLM	-	Z STA KORS 16-6 TLM	-
16	8	S	Z KORS 16-8 TLM	-	Z STA KORS 16-8 TLM	-
16	10	S	Z KORS 16-10 TLM	-	Z STA KORS 16-10 TLM	-
16	12	S	Z KORS 16-12 TLM	-	Z STA KORS 16-12 TLM	-
20	8	S	Z KORS 20-8 TLM	-	Z STA KORS 20-8 TLM	-
20	10	S	Z KORS 20-10 TLM	-	Z STA KORS 20-10 TLM	-
20	12	S	Z KORS 20-12 TLM	-	Z STA KORS 20-12 TLM	-
20	14	S	Z KORS 20-14 TLM	-	Z STA KORS 20-14 TLM	-
20	16	S	Z KORS 20-16 TLM	-	Z STA KORS 20-16 TLM	-
25	12	S	Z KORS 25-12 TLM	-	Z STA KORS 25-12 TLM	-
25	16	S	Z KORS 25-16 TLM	-	Z STA KORS 25-16 TLM	-
25	20	S	Z KORS 25-20 TLM	-	Z STA KORS 25-20 TLM	-
30	16	S	Z KORS 30-16 TLM	-	Z STA KORS 30-16 TLM	-
30	20	S	Z KORS 30-20 TLM	-	Z STA KORS 30-20 TLM	-
30	25	S	Z KORS 30-25 TLM	-	Z STA KORS 30-25 TLM	-
38	20	S	Z KORS 38-20 TLM	-	Z STA KORS 38-20 TLM	-
38	25	S	Z KORS 38-25 TLM	-	Z STA KORS 38-25 TLM	-
38	30	S	Z KORS 38-30 TLM	-	Z STA KORS 38-30 TLM	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Male-female reducing adaptor BSP cylindrical with flat seal

Reducción con rosca M-HF BSP con junta plana

Reduzierstück m - w fest BSP zyl. mit Flachdichtung

Raccord réduction mâle gaz-fem gaz avec joint plat



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**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Adjustable stud elbow with nut and ring

Racor en codo regulable con tuerca y anillo

Einstellbarere metr. W-Verschraubung

Raccord coude orientable tube lisse équipé



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	Z EEL 6 CTA	-	Z STA EEL 6 CTA	-
15	L	Z EEL 15 CTA	-	Z STA EEL 15 CTA	-
35	L	Z EEL 35 CTA	-	Z STA EEL 35 CTA	-
6	S	Z EES 6 CTA	-	Z STA EES 6 CTA	-
16	S	Z EES 16 CTA	-	Z STA EES 16 CTA	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Adjustable stud elbow with o'ring

Racor en codo regulable TL Métrica

Einstellbarere metr. W-Verschraubung mit O-Ring

Raccord coude orientable Métrique avec o'ring



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	Z EEL 6 TLM	-	Z STA EEL 6 TLM	-
8	L	Z EEL 8 TLM	-	Z STA EEL 8 TLM	-
10	L	Z EEL 10 TLM	-	Z STA EEL 10 TLM	-
12	L	Z EEL 12 TLM	-	Z STA EEL 12 TLM	-
15	L	Z EEL 15 TLM	-	Z STA EEL 15 TLM	-
18	L	Z EEL 18 TLM	-	Z STA EEL 18 TLM	-
22	L	Z EEL 22 TLM	-	Z STA EEL 22 TLM	-
28	L	Z EEL 28 TLM	-	Z STA EEL 28 TLM	-
35	L	Z EEL 35 TLM	-	Z STA EEL 35 TLM	-
42	L	Z EEL 42 TLM	-	Z STA EEL 42 TLM	-
6	S	Z EES 6 TLM	-	Z STA EES 6 TLM	-
8	S	Z EES 8 TLM	-	Z STA EES 8 TLM	-
10	S	Z EES 10 TLM	-	Z STA EES 10 TLM	-
12	S	Z EES 12 TLM	-	Z STA EES 12 TLM	-
14	S	Z EES 14 TLM	-	Z STA EES 14 TLM	-
16	S	Z EES 16 TLM	-	Z STA EES 16 TLM	-
20	S	Z EES 20 TLM	-	Z STA EES 20 TLM	-
25	S	Z EES 25 TLM	-	Z STA EES 25 TLM	-
30	S	Z EES 30 TLM	-	Z STA EES 30 TLM	-
38	S	Z EES 38 TLM	-	Z STA EES 38 TLM	-

Adjustable stud branch TEE with o'ring

Racor en T regulable TL Métrica

Einstellbare T-Verschraubung T-Form

Raccord TÉ orientable Métrique avec o'ring



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	Z TEL 6 TLM	-	Z STA TEL 6 TLM	-
8	L	Z TEL 8 TLM	-	Z STA TEL 8 TLM	-
10	L	Z TEL 10 TLM	-	Z STA TEL 10 TLM	-
12	L	Z TEL 12 TLM	-	Z STA TEL 12 TLM	-
15	L	Z TEL 15 TLM	-	Z STA TEL 15 TLM	-
18	L	Z TEL 18 TLM	-	Z STA TEL 18 TLM	-
22	L	Z TEL 22 TLM	-	Z STA TEL 22 TLM	-
28	L	Z TEL 28 TLM	-	Z STA TEL 28 TLM	-
35	L	Z TEL 35 TLM	-	Z STA TEL 35 TLM	-
42	L	Z TEL 42 TLM	-	Z STA TEL 42 TLM	-
6	S	Z TES 6 TLM	-	Z STA TES 6 TLM	-
8	S	Z TES 8 TLM	-	Z STA TES 8 TLM	-
10	S	Z TES 10 TLM	-	Z STA TES 10 TLM	-
12	S	Z TES 12 TLM	-	Z STA TES 12 TLM	-
14	S	Z TES 14 TLM	-	Z STA TES 14 TLM	-
16	S	Z TES 16 TLM	-	Z STA TES 16 TLM	-
20	S	Z TES 20 TLM	-	Z STA TES 20 TLM	-
25	S	Z TES 25 TLM	-	Z STA TES 25 TLM	-
30	S	Z TES 30 TLM	-	Z STA TES 30 TLM	-
38	S	Z TES 38 TLM	-	Z STA TES 38 TLM	-

Adjustable stud barrel TEE with o'ring

Racor en T regulable TL Métrica

Einstellbare T-Verschraubung L-Form

Raccord TÉorientable renversé Métrique avec o'ring



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

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Straight connection with o'ring

Racor unión TL Métrica

Gerader Zwischenstutzen mit O-Ring

Raccord union tournante Métrique égale



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**	-

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

Racor recto macho BSP con junta plana - TLM

Gerader Einschraubstutzen BSP ZYL. M/Dichtkegel und O-Ring

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



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**	-

Straight stud standpipe adaptor NPT- metric swivel fem.

Racor recto macho NPT - TL Metrica

Gerader Einschraubstutzen NPT M/Dichtkegel

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



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**	-

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

Racor recto macho Métrico con junta plana - tubo TLM

Gerader Einschraubstutzen metr. ZYL. M/ Dichtkegel und O-Ring

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



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**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Weldable straight coupling

Racor recto para soldar

Gerade Anschweiß-Verschr. (GAV)

Raccord mamelon hexagonal Métrique à souder



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	**Z ASL 6**	-	**Z STA ASL 6**	-
8	L	**Z ASL 8**	-	**Z STA ASL 8**	-
10	L	**Z ASL 10**	-	**Z STA ASL 10**	-
12	L	**Z ASL 12**	-	**Z STA ASL 12**	-
15	L	**Z ASL 15**	-	**Z STA ASL 15**	-
18	L	**Z ASL 18**	-	**Z STA ASL 18**	-
22	L	**Z ASL 22**	-	**Z STA ASL 22**	-
28	L	**Z ASL 28**	-	**Z STA ASL 28**	-
35	L	**Z ASL 35**	-	**Z STA ASL 35**	-
42	L	**Z ASL 42**	-	**Z STA ASL 42**	-
6	S	**Z ASS 6**	-	**Z STA ASS 6**	-
8	S	**Z ASS 8**	-	**Z STA ASS 8**	-
10	S	**Z ASS 10**	-	**Z STA ASS 10**	-
12	S	**Z ASS 12**	-	**Z STA ASS 12**	-
14	S	**Z ASS 14**	-	**Z STA ASS 14**	-
16	S	**Z ASS 16**	-	**Z STA ASS 16**	-
20	S	**Z ASS 20**	-	**Z STA ASS 20**	-
25	S	**Z ASS 25**	-	**Z STA ASS 25**	-
30	S	**Z ASS 30**	-	**Z STA ASS 30**	-
38	S	**Z ASS 38**	-	**Z STA ASS 38**	-

Weldable bulkhead coupling

Racor pasatabique para soldar

Schweiß-Schottverschraubung (ESV)

Raccord union double passe cloison Métrique à souder



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	**Z ESVL 6**	-	**Z STA ESVL 6**	-
8	L	**Z ESVL 8**	-	**Z STA ESVL 8**	-
10	L	**Z ESVL 10**	-	**Z STA ESVL 10**	-
12	L	**Z ESVL 12**	-	**Z STA ESVL 12**	-
15	L	**Z ESVL 15**	-	**Z STA ESVL 15**	-
18	L	**Z ESVL 18**	-	**Z STA ESVL 18**	-
22	L	**Z ESVL 22**	-	**Z STA ESVL 22**	-
28	L	**Z ESVL 28**	-	**Z STA ESVL 28**	-
35	L	**Z ESVL 35**	-	**Z STA ESVL 35**	-
42	L	**Z ESVL 42**	-	**Z STA ESVL 42**	-
6	S	**Z ESVS 6**	-	**Z STA ESVS 6**	-
8	S	**Z ESVS 8**	-	**Z STA ESVS 8**	-
10	S	**Z ESVS 10**	-	**Z STA ESVS 10**	-
12	S	**Z ESVS 12**	-	**Z STA ESVS 12**	-
14	S	**Z ESVS 14**	-	**Z STA ESVS 14**	-
16	S	**Z ESVS 16**	-	**Z STA ESVS 16**	-
20	S	**Z ESVS 20**	-	**Z STA ESVS 20**	-
25	S	**Z ESVS 25**	-	**Z STA ESVS 25**	-
30	S	**Z ESVS 30**	-	**Z STA ESVS 30**	-
38	S	**Z ESVS 38**	-	**Z STA ESVS 38**	-

Welding nipple with o-ring

Boquilla para soldar

Schweißkegel (SK)

Raccord collet cône métrique à souder



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**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Straight bulkhead coupling

Racor recto pasatabique con tuerca

Gerade Schottverschraubung - GSV

Raccord droit union double passe cloison avec écrou



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	**Z SVL 6**	-	**Z STA SVL 6**	-
8	L	**Z SVL 8**	-	**Z STA SVL 8**	-
10	L	**Z SVL 10**	-	**Z STA SVL 10**	-
12	L	**Z SVL 12**	-	**Z STA SVL 12**	-
15	L	**Z SVL 15**	-	**Z STA SVL 15**	-
18	L	**Z SVL 18**	-	**Z STA SVL 18**	-
22	L	**Z SVL 22**	-	**Z STA SVL 22**	-
28	L	**Z SVL 28**	-	**Z STA SVL 28**	-
35	L	**Z SVL 35**	-	**Z STA SVL 35**	-
42	L	**Z SVL 42**	-	**Z STA SVL 42**	-
6	S	**Z SVS 6**	-	**Z STA SVS 6**	-
8	S	**Z SVS 8**	-	**Z STA SVS 8**	-
10	S	**Z SVS 10**	-	**Z STA SVS 10**	-
12	S	**Z SVS 12**	-	**Z STA SVS 12**	-
14	S	**Z SVS 14**	-	**Z STA SVS 14**	-
16	S	**Z SVS 16**	-	**Z STA SVS 16**	-
20	S	**Z SVS 20**	-	**Z STA SVS 20**	-
25	S	**Z SVS 25**	-	**Z STA SVS 25**	-
30	S	**Z SVS 30**	-	**Z STA SVS 30**	-
38	S	**Z SVS 38**	-	**Z STA SVS 38**	-

Elbow bulkhead coupling

Racor en codo pasatabique con tuerca

W-Schottverschr. - WSV

Raccord coude égal passe cloison



TUBO PIPE	SERIE SERIE	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	**Z USVL 6**	-	**Z STA USVL 6**	-
8	L	**Z USVL 8**	-	**Z STA USVL 8**	-
10	L	**Z USVL 10**	-	**Z STA USVL 10**	-
12	L	**Z USVL 12**	-	**Z STA USVL 12**	-
15	L	**Z USVL 15**	-	**Z STA USVL 15**	-
18	L	**Z USVL 18**	-	**Z STA USVL 18**	-
22	L	**Z USVL 22**	-	**Z STA USVL 22**	-
28	L	**Z USVL 28**	-	**Z STA USVL 28**	-
35	L	**Z USVL 35**	-	**Z STA USVL 35**	-
42	L	**Z USVL 42**	-	**Z STA USVL 42**	-
6	S	**Z USVS 6**	-	**Z STA USVS 6**	-
8	S	**Z USVS 8**	-	**Z STA USVS 8**	-
10	S	**Z USVS 10**	-	**Z STA USVS 10**	-
12	S	**Z USVS 12**	-	**Z STA USVS 12**	-
14	S	**Z USVS 14**	-	**Z STA USVS 14**	-
16	S	**Z USVS 16**	-	**Z STA USVS 16**	-
20	S	**Z USVS 20**	-	**Z STA USVS 20**	-
25	S	**Z USVS 25**	-	**Z STA USVS 25**	-
30	S	**Z USVS 30**	-	**Z STA USVS 30**	-

Metric nut bulkhead

Tuerca pasatabique Métrica

Metr. Gegenmuttern für Schottverschraubungen - GM-M

Écrou Métrique passe cloison



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**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Female stud coupling

Racor recto hembra rosca BSP

Gerader Aufschraubstutzen – Innengewinde BSP = GAI- R

Raccord union simple femelle gaz



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**	-	**Z STA GAIL 6 R 1/8**	-
6	L	1/4" BSP	**Z GAIL 6 R 1/4**	-	**Z STA GAIL 6 R 1/4**	-
8	L	1/4" BSP	**Z GAIL 8 R 1/4**	-	**Z STA GAIL 8 R 1/4**	-
10	L	1/4" BSP	**Z GAIL 10 R 1/4**	-	**Z STA GAIL 10 R 1/4**	-
12	L	1/2" BSP	**Z GAIL 12 R 1/2**	-	**Z STA GAIL 12 R 1/2**	-
12	L	3/8" BSP	**Z GAIL 12 R 3/8**	-	**Z STA GAIL 12 R 3/8**	-
15	L	1/2" BSP	**Z GAIL 15 R 1/2**	-	**Z STA GAIL 15 R 1/2**	-
18	L	1/2" BSP	**Z GAIL 18 R 1/2**	-	**Z STA GAIL 18 R 1/2**	-
22	L	3/4" BSP	**Z GAIL 22 R 3/4**	-	**Z STA GAIL 22 R 3/4**	-
28	L	1" BSP	**Z GAIL 28 R 1**	-	**Z STA GAIL 28 R 1**	-
35	L	1"1/4 BSP	**Z GAIL 35 R 1 1/4**	-	**Z STA GAIL 35 R 1 1/4**	-
42	L	1"1/2 BSP	**Z GAIL 42 R 1 1/2**	-	**Z STA GAIL 42 R 1 1/2**	-
6	S	1/4" BSP	**Z GAIS 6 R 1/4**	-	**Z STA GAIS 6 R 1/4**	-
8	S	1/4" BSP	**Z GAIS 8 R 1/4**	-	**Z STA GAIS 8 R 1/4**	-
10	S	3/8" BSP	**Z GAIS 10 R 3/8**	-	**Z STA GAIS 10 R 3/8**	-
12	S	3/8" BSP	**Z GAIS 12 R 3/8**	-	**Z STA GAIS 12 R 3/8**	-
14	S	3/8" BSP	**Z GAIS 14 R 3/8**	-	**Z STA GAIS 14 R 3/8**	-
14	S	1/2" BSP	**Z GAIS 14 R 1/2**	-	**Z STA GAIS 14 R 1/2**	-
16	S	1/2" BSP	**Z GAIS 16 R 1/2**	-	**Z STA GAIS 16 R 1/2**	-
20	S	3/4" BSP	**Z GAIS 20 R 3/4**	-	**Z STA GAIS 20 R 3/4**	-
25	S	1" BSP	**Z GAIS 25 R 1**	-	**Z STA GAIS 25 R 1**	-
30	S	1"1/4 BSP	**Z GAIS 30 R 1 1/4**	-	**Z STA GAIS 30 R 1 1/4**	-
38	S	1"1/2 BSP	**Z GAIS 38 R 1 1/2**	-	**Z STA GAIS 38 R 1 1/2**	-

Gauge coupling BSP cylindrical

Racor para manómetro BSP

Manometer-Verschraubung BSP ZYL - MAV-BSP

Raccord union pour manomètre gaz



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**	-

Seal for gauge coupling

Arandela para manómetros

Dichtkanten-Ring für Manometer-Anschlüsse - DKI

Raccord bague pour manomètres



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

Female stud coupling Metric Cylndrical

Racor recto hembra rosca Métrica

Gerader Aufschraubstutzen – metr. Innengewinde = GAI- M

Raccord union simple femelle Métrique



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**	-

Gauge coupling DKOL/DKOS cylindrical

NEW

Racor para manómetro DKOL/DKOS

Manometer-Verschraubung DKOL/DKOS

Raccord union pour manomètre 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**	-

***On request** / Consultar **/ Auf Anfrage** / Sur demande

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Banjo coupling with captive seal and o'ring BSP cylindrical

Racor en codo orientable sin estrangulación rosca BSP
Schwenkverschr. mit Dichtkegel und O-Ring BSP ZYL
Raccord équerre orientable articulée sans étranglement gaz



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**	-	**Z STA WSVL 6 R 1/8**	-
6	L	1/4" BSP	**Z WSVL 6 R 1/4**	-	**Z STA WSVL 6 R 1/4**	-
8	L	1/4" BSP	**Z WSVL 8 R 1/4**	-	**Z STA WSVL 8 R 1/4**	-
10	L	1/4" BSP	**Z WSVL 10 R 1/4**	-	**Z STA WSVL 10 R 1/4**	-
12	L	3/8" BSP	**Z WSVL 12 R 3/8**	-	**Z STA WSVL 12 R 3/8**	-
15	L	1/2" BSP	**Z WSVL 15 R 1/2**	-	**Z STA WSVL 15 R 1/2**	-
18	L	1/2" BSP	**Z WSVL 18 R 1/2**	-	**Z STA WSVL 18 R 1/2**	-
22	L	3/4" BSP	**Z WSVL 22 R 3/4**	-	**Z STA WSVL 22 R 3/4**	-
28	L	1" BSP	**Z WSVL 28 R 1**	-	**Z STA WSVL 28 R 1**	-
35	L	1"1/4 BSP	**Z WSVL 35 R 1 1/4**	-	**Z STA WSVL 35 R 1 1/4**	-
42	L	1"1/2 BSP	**Z WSVL 42 R 1 1/2**	-	**Z STA WSVL 42 R 1 1/2**	-
6	S	1/4" BSP	**Z WSVS 6 R 1/4**	-	**Z STA WSVS 6 R 1/4**	-
8	S	1/4" BSP	**Z WSVS 8 R 1/4**	-	**Z STA WSVS 8 R 1/4**	-
10	S	3/8" BSP	**Z WSVS 10 R 3/8**	-	**Z STA WSVS 10 R 3/8**	-
12	S	3/8" BSP	**Z WSVS 12 R 3/8**	-	**Z STA WSVS 12 R 3/8**	-
14	S	1/2" BSP	**Z WSVS 14 R 1/2**	-	**Z STA WSVS 14 R 1/2**	-
16	S	1/2" BSP	**Z WSVS 16 R 1/2**	-	**Z STA WSVS 16 R 1/2**	-
20	S	3/4" BSP	**Z WSVS 20 R 3/4**	-	**Z STA WSVS 20 R 3/4**	-
25	S	1" BSP	**Z WSVS 25 R 1**	-	**Z STA WSVS 25 R 1**	-
30	S	1"1/4 BSP	**Z WSVS 30 R 1 1/4**	-	**Z STA WSVS 30 R 1 1/4**	-
38	S	1"1/2 BSP	**Z WSVS 38 R 1 1/2**	-	**Z STA WSVS 38 R 1 1/2**	-

Banjo coupling with captive seal and o'ring Metric cylindrical

Racor en codo orientable sin estrangulación rosca Métrica
Schwenkverschr. mit Dichtkegel und O-Ring metr. ZYL
Raccord équerre orientable articulée sans étranglement Métrique



TUBO PIPE	SERIE SERIES	ROSCA THREAD	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	M10X1	**Z WSVL 6 M 10X1**	-	**Z STA WSVL 6 M 10X1**	-
8	L	M12X1.5	**Z WSVL 8 M 12X1,5**	-	**Z STA WSVL 8 M 12X1,5**	-
10	L	M14X1.5	**Z WSVL 10 M 14X1,5**	-	**Z STA WSVL 10 M 14X1,5**	-
12	L	M16X1.5	**Z WSVL 12 M 16X1,5**	-	**Z STA WSVL 12 M 16X1,5**	-
15	L	M18X1.5	**Z WSVL 15 M 18X1,5**	-	**Z STA WSVL 15 M 18X1,5**	-
18	L	M22X1.5	**Z WSVL 18 M 22X1,5**	-	**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**	-	**Z STA WSVS 6 M 12X1,5**	-
8	S	M14X1.5	**Z WSVS 8 M 14X1,5**	-	**Z STA WSVS 8 M 14X1,5**	-
10	S	M16X1.5	**Z WSVS 10 M 16X1,5**	-	**Z STA WSVS 10 M 16X1,5**	-
12	S	M18X1.5	**Z WSVS 12 M 18X1,5**	-	**Z STA WSVS 12 M 18X1,5**	-
14	S	M20X1.5	**Z WSVS 14 M 20X1,5**	-	**Z STA WSVS 14 M 20X1,5**	-
16	S	M22X1.5	**Z WSVS 16 M 22X1,5**	-	**Z STA WSVS 16 M 22X1,5**	-
20	S	M27X2	**Z WSVS 20 M 27X2**	-	**Z STA WSVS 20 M 27X2**	-
30	S	M42X2	**Z WSVS 30 M 42X2**	-	**Z STA WSVS 30 M 42X2**	-
38	S	M48x2	**Z WSVS 38 M 48X2**	-	**Z STA WSVS 38 M 48X2**	-

***On request** / Consultar **/ Auf Anfrage** / Sur demande

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Blanking plug with o'ring

Tapón de cierre para tubo con junta tórica

Verschlusskegel mit O-Ring

Raccord bouchon de fermeture avec 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**	-

Blanking plug with captive seal BSP cylindrical

Tapón de cierre Allen rosca BSP con junta

Verschlussverschraubung Innensechskant mit Dichtung BSP

Raccord bouchon Allen gaz avec joint plat



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**	-

Blanking plug with captive seal Metric cylindrical

Tapón de cierre Allen rosca Métrica con junta

Verschlussverschraubung Innensechskant mit Dichtung Metr.

Raccord bouchon Allen Métrique avec joint plat



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**	-

Green FKM o-ring

Juntas tóricas FKM verde

O-Ring FKM grün - DOZ FKM

Joint torique en FKM vert



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**	-

Green FKM captive seal

Juntas planas FKM verde

Dichtring flach FKM grün- DOZ FKM KL

Joint plat en FKM vert



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**	-

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Tool for manual pre-assembly

Vomo

Werkzeug für die manuelle Vormontage

Outil pour pre-montage



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**	-

Made of Hardened tool-steel / *Material Acero Templado* / Material Gehärteter Stahl / *Matériel Acier Trempé*

Grease

Grasa

Fett

Graisse



PESO (gr) WEIGHT (gr)	**Referencia** Part n°	**€**
145	**GR ASW120**	-

***On request** / Consultar **/ Auf Anfrage** / Sur demande

DIN 2353 Pipe fittings

Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Non-return valve flow from male stud end BSP cylindrical

Válvula antirretorno rosca BSP-tubo

Rückschlagventil einseitig sperrend BSP Stecker (m)-Rohr

Clapet anti-rétour unidirectionnel à gauche mâle-tube



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**	-

Setting 1 bar. For other standard spring pressures, consult us. */ Taraje 1 bar. Para otras presiones de tarado estandard, consultar. /* Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns fur andere Standard-Drucke. */ Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.*

Non-return valve flow towards male stud end BSP cylidrical

Válvula antirretorno tubo-rosca BSP

Rückschlagventil einseitig sperrend BSP Rohr Stecker (m)

Clapet anti-rétour unidirectionnel à droite tube-mâle



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**	-

Setting 1 bar. For other standard spring pressures, consult us. */ Taraje 1 bar. Para otras presiones de tarado estandard, consultar. /* Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns fur andere Standard-Drucke. */ Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.*

Non-return valve tube-tube

Válvula antirretorno tubo-tubo

Rückschlagventil beidseitiger Rohranschluß

Clapet anti-rétour bidirectionnel tube-tube



TUBO PIPE	SERIE SERIES	Referencia Part n°	€	Referencia STA Part N° STA	€
6	L	**Z RHDL 6**	-	**Z STA RHDL 6**	-
8	L	**Z RHDL 8**	-	**Z STA RHDL 8**	-
10	L	**Z RHDL 10**	-	**Z STA RHDL 10**	-
12	L	**Z RHDL 12**	-	**Z STA RHDL 12**	-
15	L	**Z RHDL 15**	-	**Z STA RHDL 15**	-
18	L	**Z RHDL 18**	-	**Z STA RHDL 18**	-
22	L	**Z RHDL 22**	-	**Z STA RHDL 22**	-
28	L	**Z RHDL 28**	-	**Z STA RHDL 28**	-
35	L	**Z RHDL 35**	-	**Z STA RHDL 35**	-
42	L	**Z RHDL 42**	-	**Z STA RHDL 42**	-
6	S	**Z RHDS 6**	-	**Z STA RHDS 6**	-
8	S	**Z RHDS 8**	-	**Z STA RHDS 8**	-
10	S	**Z RHDS 10**	-	**Z STA RHDS 10**	-
12	S	**Z RHDS 12**	-	**Z STA RHDS 12**	-
14	S	**Z RHDS 14**	-	**Z STA RHDS 14**	-
16	S	**Z RHDS 16**	-	**Z STA RHDS 16**	-
20	S	**Z RHDS 20**	-	**Z STA RHDS 20**	-
25	S	**Z RHDS 25**	-	**Z STA RHDS 25**	-
30	S	**Z RHDS 30**	-	**Z STA RHDS 30**	-
38	S	**Z RHDS 38**	-	**Z STA RHDS 38**	-

Setting 1 bar. For other standard spring pressures, consult us. */ Taraje 1 bar. Para otras presiones de tarado estandard, consultar. /* Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns fur andere Standard-Drucke. */ Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.*

Incorporamos válvulas antirretorno sin tuerca ni anillo

Non-return valve only body

***On request** / Consultar **/ Auf Anfrage** / Sur demande

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Nut JIC 37°

Tuercas JIC 37°

Muttern JIC 37° - M JIC

Écrou JIC 37°



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**	-

Metric tube slevees JIC 37°

Ferulas JIC 37° (tubo Métrico)

Druckring (Stützring) metr.

Ferrules JIC 37° pour tube Métrique



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**	-

Tube sleeves Gas JIC 37°

Ferulas JIC 37° (tubo Gas)

Druckring (Stützring) GAS

Ferrules JIC 37° pour tube Gaz



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**	-

Plug male JIC 37°

Tapón macho JIC 37°

Verschlussstopfen JIC 37°

Bouchon mâle 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**	-

Cap JIC 37°

Tapón hembra giratoria JIC 37°

Verschlussmutter JIC 37°

Bouchon femelle 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**	-

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Straight union JIC 37°

Racor macho-macho JIC 37°

Gerade Verschraubung AGJ-AGJ

Adapteur droit mâle JIC 37°



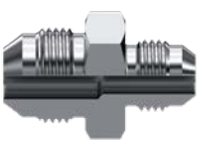
TUBO PIPE		ROSCA THREAD	Referencia Part n°	€
6	1/4"	7/16" 20h UNF	**ZS26006**	-
8	5/16"	1/2" 20h UNF	**ZS26008**	-
10	3/8"	9/16" 18h UNF	**ZS26010**	-
12	1/2"	3/4" 16h UNF	**ZS26012**	-
14-15-16	5/8"	7/8" 14h UNF	**ZS26016**	-
18-20	3/4"	1"1/16 12h UN	**ZS26020**	-
25	1"	1"5/16 12h UN	**ZS26025**	-
30-32	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**	-

Reducer adaptor male JIC 37°

Racor reducción macho-macho JIC 37°

Reduzieranschlüsse m - m JIC 37°

Adapteur réduction mâle JIC 37°



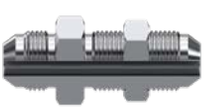
TUBO PIPE		ROSCA THREAD		Referencia Part n°	€
8 5/16"	6 1/4"	1/2" 20h UNF	7/16" 20h UNF	**ZS2600806**	-
10 5/16"	6 1/4"	9/16" 18h UNF	7/16" 20h UNF	**ZS2601006**	-
10 3/8"	8 5/16"	9/16" 18h UNF	1/2" 20h UNF	**ZS2601008**	-
12 1/2"	6 1/4"	3/4" 16h UNF	7/16" 20h UNF	NEW **ZS2601206**	-
12 1/2"	10 3/8"	3/4" 16h UNF	9/16" 18h UNF	**ZS2601210**	-
14-15-16 5/8"	12 1/2"	7/8" 14h UNF	3/4" 16h UNF	**ZS2601612**	-
18-20 3/4"	14-15-16 5/8"	1"1/16 12h UN	7/8" 14h UNF	**ZS2602016**	-
25 1"	18-20 3/4"	1"5/16 12h UN	1"1/16 12h UN	**ZS2602520**	-
30-32 1"1/4	25 1"	1"5/8 12h UN	1"5/16 12h UN	**ZS2603225**	-
38 1"1/2	30-32 1"1/4	1"7/8 12h UN	1"5/8 12h UN	**ZS2603832**	-

Straight bulkhead fitting JIC 37°

Racor pasatabiques JIC 37°

Schottverschraubung - SV JIC 37°

Union passe cloison droite mâle JIC 37° équipé



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**	-

Straight union JIC 37° with o'ring

Racor macho-macho JIC 37° con junta

Gerade Verschraubung AGJ-AGJ mit Dichtung

Adapteur droit mâle JIC 37° avec o'ring



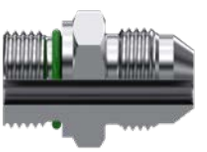
TUBO PIPE		ROSCA THREAD	Referencia Part n°	€
6	1/4"	7/16" 20h UNF	**ZS26006OR**	-
8	5/16"	1/2" 20h UNF	**ZS26008OR**	-
10	3/8"	9/16" 18h UNF	**ZS26010OR**	-
12	1/2"	3/4" 16h UNF	**ZS26012OR**	-
14-15-16	5/8"	7/8" 14h UNF	**ZS26016OR**	-
18-20	3/4"	1"1/16 12h UN	**ZS26020OR**	-
25	1"	1"5/16 12h UN	**ZS26025OR**	-
30-32	1" 1/4	1"5/8 12h UN	**ZS26032OR**	-
38	1" 1/2	1"7/8 12h UN	**ZS26038OR**	-

Metric adaptor male - male JIC 37°

Racor macho JIC 37° - macho Métrico

Gerade Einschraubverschr. JIC 37° -AG metr.

Adapteur mâle JIC 37° - mâle Métrique



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**	-

* **Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Straight adaptor male JIC 37° - male NPT pipe

Racor macho JIC 37° - macho NPT

Gerade Einschraubverschr. AGJ-AGN

Adapteur mâle JIC 37° - mâle NPT (BRIGGS)



TUBO PIPE		ROSCA THREAD		Referencia Part n°	€
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**	-

Straight adaptor swivel female JIC 37° - male UNF

Hembra giratoria JIC 37° - macho UNF

Dichtkonus JIC 37° - UNF m

Adapteur femelle tournante JIC 37° - mâle UNF



TUBO PIPE		ROSCA (H) THREAD (F)	ROSCA (M) THREAD (M)	Referencia Part n°	€
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**	*

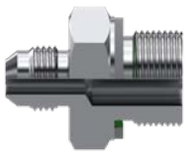
***See prices in p.185 (O´RING BOSS ADAPTORS)** / **Ver precios en p.185 (ADAPTADORES O´RING BOSS)* / *Vgl. Sie die Preise auf S.185 (ADAPTER O'RING BOSS) / **Prix à la p.185 (ADAPTEURS O´RING BOSS)*

Straight adaptor male JIC 37° - male BSP

Racor macho JIC 37° - macho BSP

Gerade Einschraubverschr. AGJ-AGR

Adapteur mâle JIC 37° - mâle BSP équipé



TUBO PIPE	ROSCA THREAD	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
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**	**173,74**

***Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Straight adaptor male BSP - swivel female JIC 37°

Racor macho BSP - hembra giratoria JIC 37°

Adapter DKJ-AGR

Adapteur mâle BSP - femelle tournante JIC 37°



TUBO PIPE		ROSCA THREAD		Referencia Part n°	€
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**	-

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Straight adaptor male JIC 37° - male BSPT

Racor macho JIC 37° - macho BSPT

Gerade Einschraubverschr. AGJ-AGR KEGEL

Adapteur mâle JIC 37° - mâle 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**	-

Straight adaptor male JIC 37° - fixed female NPT

Racor macho JIC 37° - hembra fija NPT

Gerade Einschraubverschr. m JIC 37° - w fest NPT

Adapteur mâle JIC 37° - femelle fixe 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**	-

Adaptor male JIC - swivel female JIC

Adaptador Macho JIC - hembra giratoria JIC 37°

JIC m - w Ü-Mutter JIC

Adapteur mâle JIC x femelle tournante JIC



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**	-

Flare fittings JIC 37°

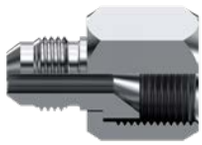
Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Reducer adaptor male JIC 37° -swivel female JIC 37°

Racor reducción macho JIC 37° - hembra giratoria JIC 37°

Reduziernippel m - w Ü-Mutter JIC 37°

Adapteur réduction mâle JIC 37° - femelle tournante 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**	-

Material could be delivered with loose or crimped nut */ Pueden ser suministradas con tuerca libre o prensada /* Material could be delivered with loose or crimped nut */ Peut être livrée avec écrou libre ou pré-serti*

Reducer adaptor male JIC 37° - fixed female JIC 37°

Racor reducción macho JIC 37 - hembra fija JIC 37°

Reduzieranschlüsse m - w JIC 37°

Adapteur réduction mâle JIC 37° - femelle fixe 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**	-

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Straight adaptor swivel female JIC 37° - male NPT pipe

Hembra giratoria JIC 37° - macho NPT

Dichtkopf mit Ü-Mutter JIC 37° - NPT m

Adapteur femelle tournante JIC 37° - mâle 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**	-

FKM green o'ring for Metric thread

Juntas tóricas FKM verde para macho Métrico

O-Ringe FKM grün für metr. Verb.

Joint torique FKM vert pour filetage métrique



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**	-

FKM green o'ring for UNF thread

Juntas tóricas FKM verde para rosca UNF

O- Ringe FKM grün für UNF

Joint torique FKM vert pour filetage 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**	-

Straight adaptor swivel female JIC 37°

Racor hembra giratoria - hembra giratoria JIC 37°

Adapter JIC 37° W mit Ü-Muttern

Adapteur femelle tournante JIC 37°



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**	-

FKM green o'ring for BSP thread

Juntas tóricas FKM verde para macho BSP

O-Ringe FKM grün für BSP

Joint torique FKM vert pour mâle 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**	-

FKM green o'ring for JIC male thread

Juntas para Macho JIC FKM verde

Dichtungen für Außengewinde JIC 37° FKM grün

Joint FKM vert pour mâle 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**	-

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

90° Elbow male - male JIC 37°

Codo 90° macho - macho JIC 37°

90° Winkel AGJ-AGJ

Coude 90° mâle - mâle 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**	-

90° Elbow swivel female JIC 37° - male JIC 37°

Codo 90° macho JIC 37° - hembra giratoria JIC 37°

90° Winkel DKJ-AGJ

Coude 90° mâle JIC 37° - femelle tournante 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**	-

90° Elbow male JIC 37° - fixed female NPT

Codo 90° macho JIC 37° - hembra fija NPT

90° Winkel m JIC 37° - w fest NPT

Coude 90° JIC 37° - femelle fixe 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**	-

90° Elbow male - male JIC 37° with o'ring

Codo 90° macho - macho JIC 37° con junta

90° Winkel m - m JIC 37° mit Dichtung

Coude 90° mâle - mâle JIC 37° avec 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**	-

90° Bulkhead elbow male - male JIC 37°

Codo 90° pasatabiques macho - macho JIC 37°

90° Schottverschraubung m - m JIC 37°

Coude 90° passe cloison mâle-mâle 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**	-

90° Adjustable stud elbow male JIC 37°-male BSP

Codo 90° regulable macho JIC 37°- macho BSP

90° Winkel einstellbar m JIC 37° - m BSP

Coude 90° orientable mâle JIC 37°- mâle BSP



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**	-

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

90° Adjustable elbow male O'Ring Boss -male JIC 37°

Codo 90° regulable macho O'Ring Boss - macho JIC 37

90° Winkel einstellbar m O'Ring Boss - m JIC 37°

Coude 90° orientable mâle O'Ring Boss - mâle 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**	*

***See prices in p. 186 (O´RING BOSS ADAPTORS)** / **Ver precios en p. 186 (ADAPTADORES O´RING BOSS)* / *Vgl. Sie die Preise auf S.186 (ADAPTER O'RING BOSS) / **Voir prix à la p. 186 (ADAPTEURS O´RING BOSS)*

90° Elbow male JIC 37° - male BSPT

Codo 90° macho JIC 37° - macho BSPT

90° Winkel AGJ-AGR KEGEL

Coude 90° mâle JIC 37° - mâle 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***	-

*** Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

90° Elbow male NPT - swivel female JIC 37°

Codo 90° macho NPT - hembra giratoria JIC 37°

90° Winkel m NPT - W mit Ü-Mutter JIC°

Coude 90° mâle NPT - femelle tournante 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**	-

90° Elbow male JIC 37° - male NPT

Codo 90° macho JIC 37° - macho NPT

90° Winkel AGJ-AGN

Coude 90° mâle JIC 37° - mâle 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**	-

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

45° Elbow male JIC 37° - swivel female JIC 37°

Codo 45° macho JIC 37° - hembra giratoria JIC 37°

45° Winkel m JIC 37° - w Ü-Mutter JIC 37°

Coude 45° mâle JIC 37° - femelle tournante 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**	-

45° Adjustable stud elbow male - male JIC 37°

Codo 45° regulable macho - macho JIC 37°

45° Winkel JIC 37° m einstellbar - m

Coude 45° orientable mâle - mâle 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**	-

45° Elbow male JIC 37° - male NPT pipe

Codo 45° macho JIC 37° - macho NPT

45° Winkel m JIC 37° - m NPT

Coude 45° mâle JIC 37° - mâle 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**	-

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Union tee male JIC 37°

TE macho - macho - macho JIC 37°

T-Verschraubung AGJ

Té égal mâle 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**	-

Union tee male JIC 37° with o'ring

TE macho - macho - macho JIC 37° con junta

T-Verschraubungen m - m - m - JIC 37° mit Dichtung

Té égal mâle JIC 37° avec 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**	-

Tee male JIC 37° - male JIC 37° - swivel nut JIC 37°

TE macho - macho - hembra giratoria JIC 37°

Einstellbare T-Anschlußverschraubungen AGJ-AGJ-DKJ

Té mâle JIC 37° - mâle JIC 37° - femelle tournante JIC 37° au latéral



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**	-

Tee male JIC 37° - swivel nut JIC 37° - male JIC 37°

TE macho - hembra giratoria - macho JIC 37°

Einstellbare T-Anschlußverschraubung AGJ-DKJ-AGJ

Té mâle JIC 37° - femelle tournante JIC 37°- mâle 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**	-

Tee male JIC 37° - male JIC 37° - male NPT

TE macho JIC 37° - macho JIC 37° - macho NPT

T-Verschraubungen m JIC 37° - m JIC 37° - m NPT

Té mâle JIC 37° - mâle JIC 37° - mâle 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**	-

Tee male JIC 37° - male NPT - male JIC 37°

TE macho JIC 37° - macho NPT - macho JIC 37°

T-Verschraubungen m JIC 37° - m NPT - m JIC 37°

Té mâle JIC 37° - mâle NPT - mâle 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**	-

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Tubo TrΔle® SCH
Rohr SCH
Tube rigide TrΔle® SCH

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Abrazaderas TrΔle®
Schellen
Colliers TrΔle®



03

SCH TRΔLE® RIGID PIPE/ SCH FITTINGS / SAE FLANGES / CLAMPS

Tubo rígido TrΔle® SCH / Racores SCH / Bridas SAE / Abrazaderas

Rohr SCH / SCH Armaturen/SAE-Flansche/ Schellen

Tube rigide SCH TrΔle®/ Embouts SCH/ Brides SAE / Colliers

SCH TrΔle® Rigid pipe

Tubo TrΔle® SCH
Rohr SCH
Tube rigide TrΔle® SCH

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ZTH40



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SCH BUTT WELD fittings

Racores SCH - BUTT WELD
SCH - BW Armaturen
Raccords SCH - BUTT WELD


ZS9010


ZST100


ZSR100


ZSC100


ZS9040


ZST400


ZSR400


ZSC400

SOCKET WELD fittings

Racores SOCKET WELD
SOCKET WELD
Raccords SOCKET WELD

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ZBCSM


ZB90SM

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ZTB


JBR


ORING

TrΔle® Clamps

Abrazaderas TrΔle®
Schellen
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TC/TS

SCH TrΔle® Rigid pipe

Tubo TrΔle® SCH

Rohr SCH

Tube rigide TrΔle® SCH

SCH 10 rigid pipe - 6 metres- AISI 316

Tubo rígido SCH10 - AISI 316 - 6 METROS

Rohr - SCH10 - 6 Meter- AISI 316



Tube rigide SCH10 - 6 metres- AISI 316

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°	€/M
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**	-

SCH 40 rigid pipe - 6 meters - AISI 316

Tubo rígido SCH40 - AISI 316 - 6 METROS

Rohr - SCH40 - 6 Meter- AISI 316



Tube rigide SCH40 - 6 metres - AISI 316

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°	€/M
1/2"	21.3	2.77	**ZTH40SC008**	-
3/4"	26.7	2.87	**ZTH40SC012**	-
1"	33.4	3.38	**ZTH40SC016**	-
1" 1/4	42.2	3.56	**ZTH40SC020**	-
1" 1/2	48.3	3.68	**ZTH40SC024**	-
2"	60.3	3.91	**ZTH40SC032**	-

SCH 10 rigid pipe - 3 meters - AISI 316

Tubo rígido SCH10 - AISI 316 - 3 METROS

Rohr - SCH10 - 3 Meter- AISI 316



Tube rigide SCH10 - 3 metres - AISI 316

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°	€/M
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**	-

SCH 40 rigid pipe - 3 metres- AISI 316

Tubo rígido SCH40 - AISI 316 - 3 METROS

Rohr - SCH40 - 3 Meter- AISI 316



Tube rigide SCH40 - 3 metres- AISI 316

DN	Ø EXT. Ø OUTER	Espesor (mm) Thickness (mm)	Referencia Part n°	€/M
1/2"	21.3	2.77	**ZTH40SC008-3**	-
3/4"	26.7	2.87	**ZTH40SC012-3**	-
1"	33.4	3.38	**ZTH40SC016-3**	-
1" 1/4	42.2	3.56	**ZTH40SC020-3**	-
1" 1/2	48.3	3.68	**ZTH40SC024-3**	-
2"	60.3	3.91	**ZTH40SC032-3**	-



SCH BUTT WELD fittings

Racores SCH - BUTT WELD
SCH - BW Armaturen
Raccords SCH - BUTT WELD

Elbow 90 Sch10

Codo 90 SCH10

Edelstahlbogen 90 Sch10

Coude 90 Sch10



DN	Referencia Part n°	€
1/2"	**ZS9010008**	-
3/4"	**ZS9010012**	-
1"	**ZS9010016**	-
1" 1/4	**ZS9010020**	-
1" 1/2	**ZS9010024**	-
2"	**ZS9010032**	-

Tee Sch10

Te SCH10

Tee Edelstahl Sch10

Té Sch10



DN	Referencia Part n°	€
1/2"	**ZST10008**	-
3/4"	**ZST10012**	-
1"	**ZST10016**	-
1" 1/4	**ZST10020**	-
1" 1/2	**ZST10024**	-
2"	**ZST10032**	-

Reduction Sch10

Reducción SCH10

Reduzierung Sch10 Edelstahl

Réduction 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**	-

Cap Sch10

Tapón SCH10

Verschluss Sch10 Edelstahl

Bouchon Sch 10



DN	Referencia Part n°	€
1/2"	**ZSC10008**	-
3/4"	**ZSC10012**	-
1"	**ZSC10016**	-
1" 1/4	**ZSC10020**	-
1" 1/2	**ZSC10024**	-
2"	**ZSC10032**	-

SCH BUTT WELD fittings

Racores SCH - BUTT WELD
SCH - BW Armaturen
Raccords SCH - BUTT WELD

Elbow 90 Sch40

Codo 90 SCH40

Edelstahlbogen 90 Sch40

Coude 90 Sch40



DN	Referencia Part n°	€
1/2"	**ZS9040008**	-
3/4"	**ZS9040012**	-
1"	**ZS9040016**	-
1" 1/4	**ZS9040020**	-
1" 1/2	**ZS9040024**	-
2"	**ZS9040032**	-

Tee Sch40

Te Inox SCH40

Tee Edelstahl Sch40

Té Sch40



DN	Referencia Part n°	€
1/2"	**ZST40008**	-
3/4"	**ZST40012**	-
1"	**ZST40016**	-
1" 1/4	**ZST40020**	-
1" 1/2	**ZST40024**	-
2"	**ZST40032**	-

Reduction Sch40

Reducción Inox SCH40

Reduzierung Sch40 Edelstahl

Réduction 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**	-

Cap Sch40

Tapón Inox SCH40

Verschluss Sch40 Edelstahl

Bouchon Sch40



DN	Referencia Part n°	€
1/2"	**ZSC40008**	-
3/4"	**ZSC40012**	-
1"	**ZSC40016**	-
1" 1/4	**ZSC40020**	-
1" 1/2	**ZSC40024**	-
2"	**ZSC40032**	-

SOCKET WELD fittings

Racores SOCKET WELD
SOCKET WELD
Raccords SOCKET WELD

SOCKET WELD 3000 fittings Elbow 90

Racores SOCKET WELD 3000 Codo 90

BUCHSENSCHWEISSEN 3000 Armaturen Winkel 90

Raccords SOCKET WELD 3000 Coude 90



DN	Referencia Part n°	€
1/2"	ZSW39008	-
3/4"	ZSW39012	-
1"	ZSW39016	-
1" 1/4	ZSW39020	-
1" 1/2	ZSW39024	-
2"	ZSW39032	-

SOCKET WELD 3000 Cap Fittings

Racores SOCKET WELD 3000 Cap

BUCHSENSCHWEISSEN 3000 Kappenanschlüsse

Raccords à chapeau 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	-

SOCKET WELD 3000 Tee fittings

Racores SOCKET WEL 3000 Te

BUCHSENSCHWEISSEN 3000 T-Stücke

Raccords en 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	-

SOCKET WELD 3000 Cross Fittings

Racores SOCKET WELD 3000 Cruz

BUCHSENSCHWEISSEN 3000 Kreuzstück

Raccords croix 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	-

SOCKET WELD 3000 Couplings Fittings

Racores SOCKET WELD 3000 Manguito

BUCHSENSCHWEISSEN 3000 kupplungen Armaturen

SOCKET WELD 3000 Accouplements Raccords



DN	Referencia Part n°	€
1/2"	ZSW3M08	-
3/4"	ZSW3M12	-
1"	ZSW3M16	-
1"1/4	ZSW3M20	-
1"1/2	ZSW3M24	-
2"	ZSW3M32	-

SOCKET WELD 6000 fittings Elbow 90

Racores SOCKET WELD 6000 Codo 90

BUCHSENSCHWEISSEN 6000 Armaturen Winkel 90

Raccords SOCKET WELD 6000 Coude 90



DN	Referencia Part n°	€
1/2"	ZSW69008	-
3/4"	ZSW69012	-
1"	ZSW69016	-
1"1/4	ZSW69020	-

SOCKET WELD 6000 Couplings FittingsFittings

Racores SOCKET WELD 6000 Manguito

BUCHSENSCHWEISSEN 6000 kupplungen Armaturen

SOCKET WELD 6000 Accouplements Raccords



DN	Referencia Part n°	€
1/2"	ZSW6M08	-
3/4"	ZSW6M12	-
1"	ZSW6M16	-
1"1/4	ZSW6M20	-

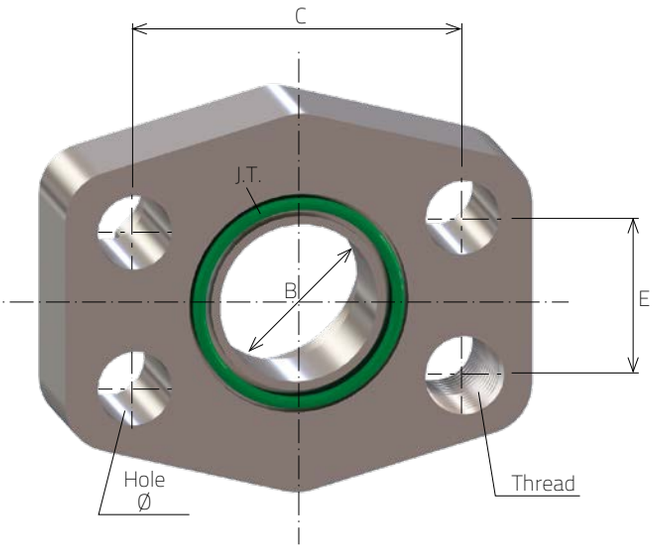
*On request / Consultar / Auf Anfrage / Sur demande

SAE FLANGES

Bridas SAE
SAE-Flansche
Brides SAE

Common characteristics

Características comunes
Allgemeine Eigenschaften
Données communes



Flanges 3000 PSI

Bridas 3000 PSI
Flansche 3000 PSI
Brides 3000 PSI

Size	Max. pre.	B	C	E	O'ring NBR	PU seal	Ø	Screw *	Thread
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

Flanges 6000 PSI

Bridas 6000 PSI
Flansche 6000 PSI
Brides 6000 PSI

Size	Max. pre.	B	C	E	O'ring NBR	PU seal	Ø	Screw *	Thread
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

* Screws are in carbon steel. For Stainless Steel screws, ask for ZTB... part number.
Tornillos en acero carbono. Para tornillos en acero inoxidable, pedir ZTB...
Die Schrauben sind aus Karbonstahl. Für Edelstahl fragen Sie bitten nach ZTB... Artikelnummern.
Les vis sont en acier carbone. Pour vis en acier inoxydable, veuillez demander les références ZTB ...

SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

SAE Split flange

Brida partida pasante

Durchgehender Halbflansch

Demi-bride passage total



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**	*

***See prices in p.40 (FITTINGS)** / **Ver precios en p. 40 (CONEXIONES)* / **Vgl. Sie die Preise auf S. 40 (ARMATUREN)* / **Prix à la p.40 (EMBOUTS)*

SAE Flange

Brida entera pasante

Durchgehender Vollflansch

Bride monobloc passage total



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**	*

***See prices in p.40 (FITTINGS)** / **Ver precios en p. 40 (CONEXIONES)* / **Vgl. Sie die Preise auf S. 40 (ARMATUREN)* / **Prix à la p.40 (EMBOUTS)*

SAE counter-flange

Contrabrida roscada

Gewindegegenflansch

Contre-bride passage total



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**	-

***On request** / Consultar / **Auf Anfrage /** Sur demande

SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

BSP Female threaded flange

Brida roscada hembra BSP

Gewindeflansch w BSP

Bride taraudée femelle 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**	-

BSP Female threaded counter-flange

Contrabrida roscada hembra BSP

Gewindegegenflansch w BSP

Contre-bride taraudée femelle 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**	-

90° BSP female threaded flange

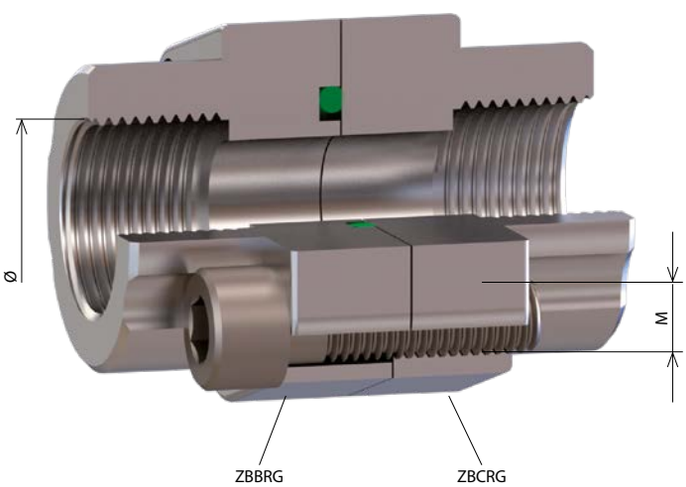
Brida codo 90° roscada hembra BSP

Gewindeflansch Winkel 90° w BSP

Bride 90° taraudée femelle 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**	-



SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

Welding female flange for gas tube

Brida soldable hembra tubo gas

Schweißflansch w Rohr Gas

Bride à souder femelle tube gaz



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**	-

90° welding female flange for gas tube

Brida codo 90° soldable hembra tubo gas

Vorschweißflansch Winkel 90° w Rohr Gas

Bride 90° à souder femelle tube gaz



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**	-

Welding female counter-flange for gas tube

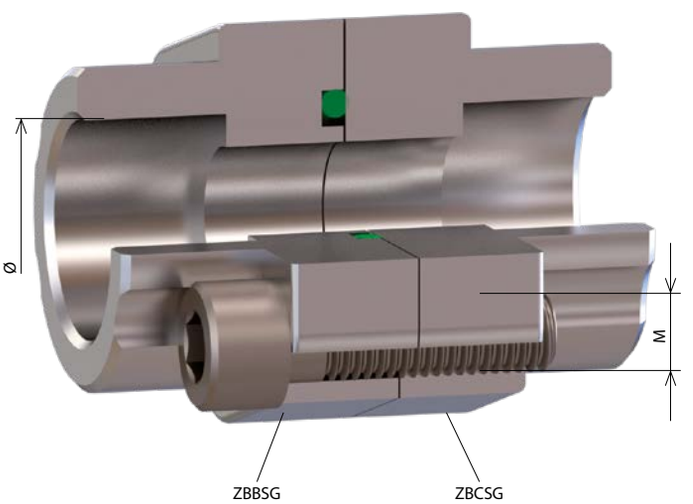
Contrabrida soldable hembra tubo gas

Schweiß-Gegenflansch w Rohr Gas

Contre-bride à souder femelle tube gaz



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**	-



SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

Female welding flange for metric tube

Brida soldable hembra tubo métrico

Schweißflansch w Rohr metr.

Bride à souder femelle tube métrique



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**	-

Female welding counter-flange for metric tube

Contrabrida soldable hembra tubo métrico

Schweiß-Gegenflansch w Rohr metr.

Contre-bride à souder femelle tube métrique



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**	-

90° female welding flange for metric tube

Brida codo 90° soldable Hembra tubo métrico

Vorschweißflansch Winkel 90° w Rohr metr.

Bride 90° à souder femelle tube métrique



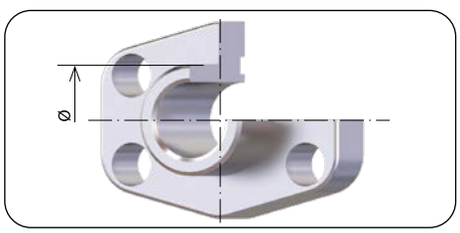
SERIE SERIES	Ø INT. Ø INNER	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	20.3	1/2"	**ZB90SM308203**	-
3000 PSI	25.3	3/4"	**ZB90SM312253**	-
3000 PSI	30.3	1"	**ZB90SM316303**	-
3000 PSI	38.3	1"1/4	**ZB90SM320383**	-
3000 PSI	50.5	1"1/2	**ZB90SM324505**	-
6000 PSI	20.3	1/2"	**ZB90SM608203**	-
6000 PSI	25.3	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**	-

MALE WELDING FLANGES

Bridas soldables macho
Schweißflansche männlich
Brides à souder mâle

Male welding flange for gas tube

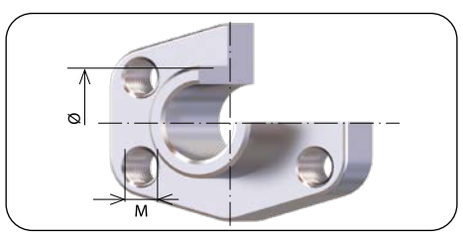
Brida soldable macho tubo gas
Schweißflansch männlich Rohr Gas
Bride à souder mâle tube gaz



Ref: ZBMSG

Male welding counterflange for gas tube

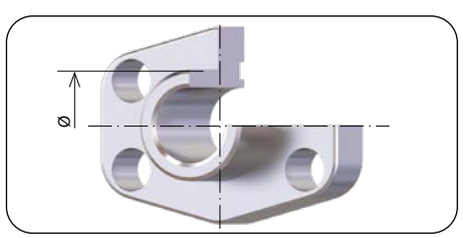
Contrabrida macho soldable tubo gas
Gegenschweißflansch männlich Rohr Gas
Contre-bride à souder mâle tube gaz



Ref: ZBCMSG

Male welding flange for metric tube

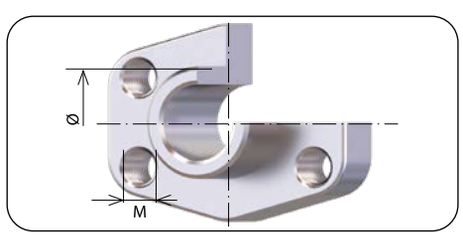
Brida soldable macho tubo métrico
Metrischer Schweißflansch männlich Rohr
Bride à souder mâle tube métrique



Ref: ZBMSM

Male welding counterflange for metric tube

Contrabrida macho soldable tubo métrico
Metrischer Gegenschweißflansch männlich Rohr
Contre-bride à souder mâle tube métrique



Ref: ZBCMSM

SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

Blind flanges

Bridas ciegas
Blindflansche
Brides avec obturateur fermé



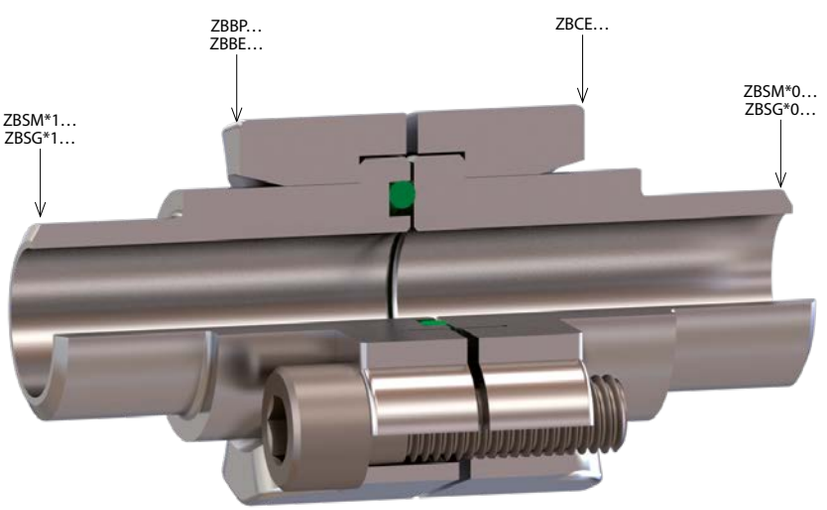
SERIE SERIES	TAMAÑO SIZE	Referencia Part n°	€
3000 PSI	1/2"	**ZBBC308**	-
3000 PSI	3/4"	**ZBBC312**	-
3000 PSI	1"	**ZBBC316**	-
3000 PSI	1"1/4	**ZBBC320**	-
3000 PSI	1"1/2	**ZBBC324**	-
3000 PSI	2"	**ZBBC332**	-
3000 PSI	2"1/2	**ZBBC340**	-
3000 PSI	3"	**ZBBC348**	-
3000 PSI	3"1/2	**ZBBC356**	-
3000 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**	-

Blind counter-flanges

Contrabridas ciegas
Blind-/Gegenflansche
Contre-brides avec obturateur fermé



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**	-



SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

Flange welding adaptor for metric tube

Brida cono soldable tubo métrico

Vorschweißflansch kon. Rohr metr.

Bride collet à souder tube métrique



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**	-

Flange welding adaptor for gas tube

Brida cono soldable tubo gas

Vorschweißflansch kon. Rohr Gas

Bride collet à souder tube gaz



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**	-

Counter-flange welding adaptor for metric tube

Contrabrida cono soldable tubo métrico

Schweiß-Gegenflansch kon. Rohr metr.

Contre-bride collet à souder tube métrique



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**	-

Counter-flange welding adaptor for gas tube

Contrabrida cono soldable tubo gas

Schweiß-Gegenflansch kon. Rohr Gas

Contre-bride collet à souder tube gaz



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**	-

Welding flange head SW metric tube

Cabeza brida soldable SW tubo métrico

Schweißflanschkopf SW metrisches Rohr

Tête de bride de soudage SW tube métrique



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**	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

Screws for SAE flanges

Tornillos para bridas SAE

Schrauben für SAE-Flansche

Vis pour brides 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**	-

Seals for 3000/6000 PSI flange

Juntas para bridas SAE 3000/6000 PSI

Dichtungen 3000/6000 PSI-Flansch

Joints pour bride série 3000/6000



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**	*

***See prices in Hydraulic and Pneumatic Connectors' Catalogue** / **Ver precios en Conducciones Hidráulicas y Neumáticas* / **Vgl. Sie die Preise in der Preisliste Hydraulische und Pneumatische Verbindungen.* / **Voir prix dans le Catalogue Connectique Hydraulique et Pneumatique*

O´rings for 3000/6000 PSI flange

Juntas tóricas para bridas SAE 3000/6000 PSI

O-Ringe für 3000/6000 PSI-Flansch

O´rings pour bride série 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**	*

***See prices in Hydraulic and Pneumatic Connectors' Catalogue** / **Ver precios en Conducciones Hidráulicas y Neumáticas* / **Vgl. Sie die Preise in der Preisliste Hydraulische und Pneumatische Verbindungen.* / **Voir prix dans le Catalogue Connectique Hydraulique et Pneumatique*

TrΔle® Clamps

Abrazaderas TrΔle®

Schellen

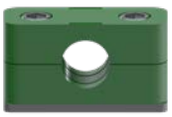
Colliers TrΔle®

Light serie simple clamp

Abrazadera ligera simple completa

Einfache Befestigungsschelle komplett - Leichte Serie

Collier de fixation simple complet, série légère



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	-

Light serie simple clamp, plastic smooth profile

Abrazadera ligera simple completa, plásticos perfil liso

Einfache Befestigungsschelle komplett - Leichte Serie einfach, Plastikteile glatt

Collier de fixation simple série légère, complet, plastic profil lisse



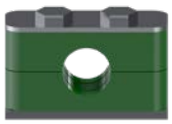
DN	GRUPO GROUP	Referencia Part n°	€
8	1	ZA40AZ08PL	-
10	1	ZA40AZ10PL	-
12	1	ZA40AZ12PL	-
1/4"	2	ZA40AZ13.2PL	-
15	2	ZA40AZ15PL	-
3/8"	2	ZA40AZ16.7PL	-
18	2	ZA40AZ18PL	-
20	3	ZA40AZ20PL	-
1/2"	3	ZA40AZ21.3PL	-
22	3	ZA40AZ22PL	-
25	3	ZA40AZ25PL	-
3/4"	4	ZA40AZ26.7PL	-
28	4	ZA40AZ28PL	-
30	4	ZA40AZ30PL	-
1"	5	ZA40AZ33.3PL	-
35	5	ZA40AZ35PL	-
38	5	ZA40AZ38PL	-
42-1" 1/4	5	ZA40AZ42PL	-

Light serie reinforced clamp

Abrazadera ligera reforzada completa

Befestigungsschelle komplett - Leichte Serie verstärkt

Collier de fixation simple série légère renforcé complet



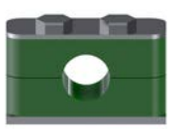
DN	GRUPO GROUP	Referencia Part n°	€
6	1	ZA41AZ06	-
8	1	ZA41AZ08	-
10	1	ZA41AZ10	-
12	1	ZA41AZ12	-
1/4"	2	ZA41AZ13.2	-
14	2	ZA41AZ14	-
15	2	ZA41AZ15	-
16	2	ZA41AZ16	-
18	2	ZA41AZ18	-
20	3	ZA41AZ20	-
22	3	ZA41AZ22	-
23	3	ZA41AZ23	-
25	3	ZA41AZ25	-
28	4	ZA41AZ28	-
30	4	ZA41AZ30	-
38	5	ZA41AZ38	-
40	5	ZA41AZ40	-
42-1"1/4	5	ZA41AZ42	-

Light serie reinforced clamp, plastic smooth profile

Abrazadera ligera reforzada completa, plásticos perfil liso

Befestigungsschelle komplett - Leichte Serie verstärkt, Plastikteile glatt

Collier de fixation simple série légère renforcé, complet, plastic profil lisse



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	-

TrΔle® Clamps

Abrazaderas TrΔle®
Schellen
Colliers TrΔle®

Plastics polypropylene, light serie

Plásticos polipropileno, serie ligera

Polypropylenteile, Leichte Serie

Plastique polypropylene, série légère



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	*

***Price per couple. See prices in Hydraulic and Pneumatic Connectors' Catalogue** / **Precio por pareja. Ver precios en Tarifa Conducciones Hidráulicas y Neumáticas* / *Preis für ein Paar. Vgl. Sie die Preise in der Preisliste Hydraulische und Pneumatische Verbindungen / **Prix par paire. Voir les prix dans le Catalogue Connectique Hydraulique et Pneumatique*

Lower plate, light serie

Chapas inferiores, serie ligera

Unterbleche, Leichte Serie

Plaque inférieure, série légère



GRUPO GROUP	Referencia Part n°	€
1	ZAPIN1	-
2	ZAPIN2	-
3	ZAPIN3	-
4	ZAPIN4	-
5	ZAPIN5	-
6	ZAPIN6	-

Upper plate, light serie

Chapas superiores, serie ligera

Oberbleche, Leichte Serie

Plaque supérieure, série légère



GRUPO GROUP	Referencia Part n°	€
1	ZAPS1	-
2	ZAPS2	-
3	ZAPS3	-
4	ZAPS4	-
5	ZAPS5	-
6	ZAPS6	-

Allen screw, light serie

Tornillos Allen, serie ligera

Innensechskant-Schrauben, Leichte Serie

Vis Allen, série légère



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	-

Price per unit / *Precio por unidad* / Preis pro Stück / *Prix à l'unité*

Hexagonal screw, light serie

Tornillos Hexagonales, serie ligera

Hexagonal-Schrauben, Leichte Serie

Vis Hexagonnel, série légère



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	-

Price per unit / *Precio por unidad* / Preis pro Stück / *Prix à l'unité*

TrΔle® Clamps

Abrazaderas TrΔle®

Schellen

Colliers TrΔle®

Stainless Steel Stack Screws Light Series

Tornillos Apilar Inox Serie Ligera

Schraube Stapelplatte Edelstahl Leichte Serie

Vis de pile en acier inoxydable série légère



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	-

Plates to pile up clamps, light serie

Chapas para apilar abrazaderas, serie ligera

Blech zum Stapeln von Schellen, Serie Leicht

Plaques pour empiler colliers, série légère



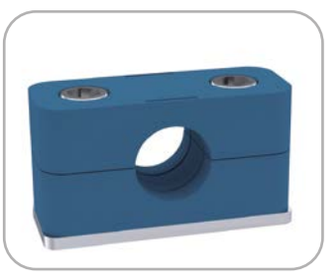
GRUPO GROUP	Referencia Part n°	€
1	ZAPA1	-
2	ZAPA2	-
3	ZAPA3	-
4	ZAPA4	-
5	ZAPA5	-
6	ZAPA6	-

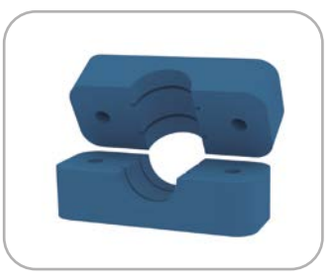
TRΔLE®

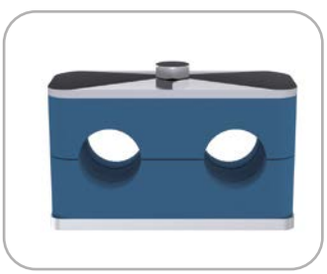
ABRAZADERAS | CLAMPS

UNE TUS SISTEMAS DE TUBERÍA DE FORMA SEGURA

JOIN PIPE SYSTEMS SECURELY

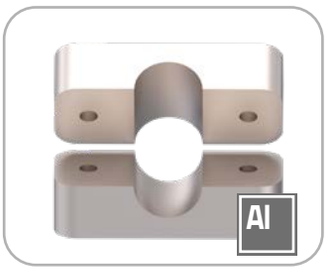












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CHECK OUR CONNECTORS CATALOGUE

TrΔle® Clamps

Abrazaderas TrΔle®
Schellen
Colliers TrΔle®

Elongated Weld Plate Light Series

Chapa Atornillar, Serie ligera

Längliche Schweißplatte Leichte Serie



Plaque à souder allongée, série légère

GRUPO GROUP	Referencia Part n°	€
1	ZAPT1	-
2	ZAPT2	-
3	ZAPT3	-
4	ZAPT4	-
5	ZAPT5	-
6	ZAPT6	-

Stainless Steel Jointed plate Light Series

NEW

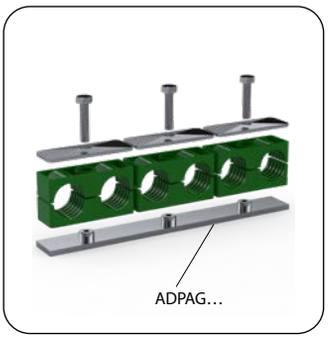
Chapa Agrupar Inox Serie Ligera

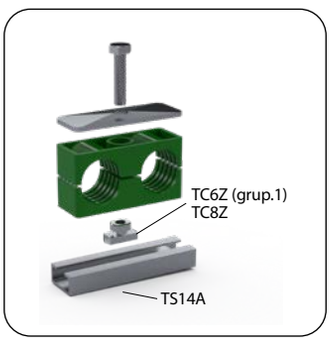
Verbindungsplatte Edelstahl Leichte Serie

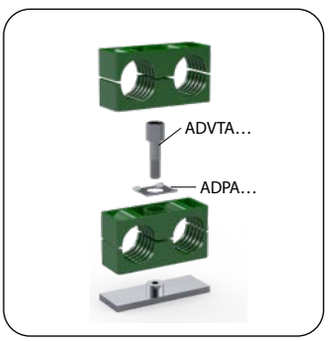
Plaque à joindre acier inoxydable série légère

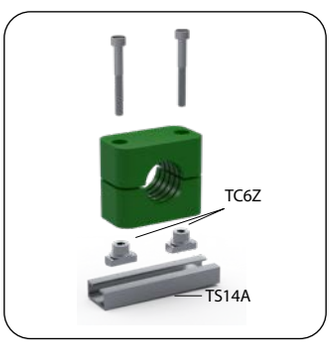
GRUPO GROUP	N° ABRAZ CLAMP QTY.	Referencia Part n°	€
1	10	ZAPAG1	-
2	10	ZAPAG2	-
3	10	ZAPAG3	-
4	10	ZAPAG4	-
5	10	ZAPAG5	-
6	10	ZAPAG6	-

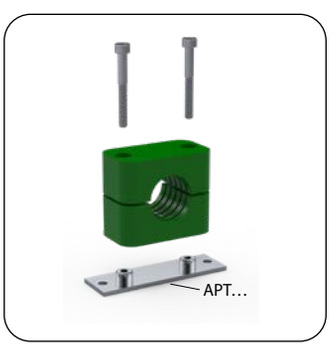


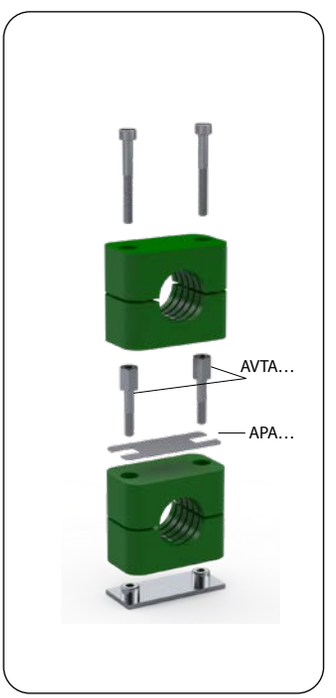












*On request / Consultar / Auf Anfrage / Sur demande

TrΔle® Clamps

Abrazaderas TrΔle®

Schellen

Colliers TrΔle®

Double clamp - parallel

Abrazaderas dobles completas

Doppelte Befestigungsschellen - komplett

Colliers de fixation doubles complets



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	-

Double Lower plate

Chapas inferiores

Unterbleche

Plaques inférieures à souder double



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	1	ZADPIN1	-
M8	2	ZADPIN2	-
M8	3	ZADPIN3	-
M8	4	ZADPIN4	-
M8	5	ZADPIN5	-

Double Upper plate

Chapas superiores

Oberbleche

Plaques supérieures de protection double



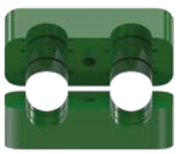
GRUPO GROUP	Referencia Part n°	€
1	ZADPS1	-
2	ZADPS2	-
3	ZADPS3	-
4	ZADPS4	-
5	ZADPS5	-

Double plastics polypropylene

Plásticos polipropileno dobles

Polypropylenteile doppelt

Plastiques polypropylene doubles



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	*

***Price per couple. See prices in Hydraulic and Pneumatic Connectors' Catalogue** / **Precio por pareja. Ver precios en Tarifa Conducciones Hidráulicas y Neumáticas* / *Preis für ein Paar. Vgl. Sie die Preise in der Preisliste Hydraulische und Pneumatische Verbindungen / **Prix par paire. Voir les prix dans le Catalogue Connectique Hydraulique et Pneumatique*

Hexagonal screw

Tornillos cabeza hexagonal

Hexagonalkopf-Schrauben

Vis hexagonale



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	1	ZADVTE1	-
M8	2	ZADVTE2	-
M8	3	ZADVTE3	-
M8	4	ZADVTE4	-
M8	5	ZADVTE5	-

Price per unit / *Precio por unidad* / Preis pro Stück / *Prix à l'unité*

TrΔle® Clamps

Abrazaderas TrΔle®
Schellen
Colliers TrΔle®

Plates to pile up double clamps

NEW

Chapa apilar abrazadera doble

Stapelplatte Doppelschelle

Plaques pour empiler colliers doubles



GRUPO GROUP	Referencia Part n°	€
1	**ZADPA1**	-
2/3/4/5	**ZADPA2**	-

Stack Screws double clamps

NEW

Tornillo apliar abrazadera doble

Schraube Stapelplatte Doppelschelle

Vis de pile colliers doubles



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M6	2	**ZADVTA2**	-
M6	3	**ZADVTA3**	-
M6	4	**ZADVTA4**	-
M6	5	**ZADVTA5**	-
M6	6	**ZADVTA6**	-

For Group 1: ZAVTA1 (Light) */ Para Grupo 1: ZAVTA1 (ligera) /* Für Gruppe 1: ZAVTA1 (leicht) */ Pour le Groupe 1: ZAVTA1 (légère)*

Jointed plate double clamps

NEW

Chapa agrupar abrazadera doble

Verbindungsplatte Doppelschelle

Plaque à joindre colliers doubles

ROSCA THREAD	GRUPO GROUP	N° ABRAZADERAS CLAMP QTY.	Referencia Part n°	€
M6	1	5	**ZADPAG1**	-
M8	2	5	**ZADPAG2**	-
M8	3	5	**ZADPAG3**	-

TrΔle® Clamps

Abrazaderas TrΔle®

Schellen

Colliers TrΔle®

Heavy Series Stainless Steel Clamps

Abrazaderas Inox Serie pesada completas

Edelstahl-Schelle Schwere Serie

Pinces en acier inoxydable série lourde



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**	-

Plastics polypropylene, heavy serie

Plasticos polipropileno, serie pesada

Polypropylenteil, Schwere Serie

Plastique polypropylene, série lourde



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**	*

***Price per couple. See prices in Hydraulic and Pneumatic Connectors' Catalogue** / **Precio por pareja. Ver precios en Tarifa Conducciones Hidráulicas y Neumáticas* / *Preis für ein Paar. Vgl. Sie die Preise in der Preisliste Hydraulische und Pneumatische Verbindungen / **Prix par paire. Voir les prix dans le Catalogue Connectique Hydraulique et Pneumatique*

TrΔle® Clamps

Abrazaderas TrΔle®
Schellen
Colliers TrΔle®

Lower plate, heavy serie

Chapas inferiores, serie pesada

Unterbleche, Schwere Serie

Plaque inférieure, série lourde



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M10	1	**ZAPINP1**	-
M10	2	**ZAPINP2**	-
M10	3	**ZAPINP3**	-
M12	4	**ZAPINP4**	-

Upper plate, heavy serie

Chapas superiores, serie pesada

Oberbleche, Schwere Serie

Plaque supérieure, série lourde



GRUPO GROUP	Referencia Part n°	€
1	**ZAPSP1**	-
2	**ZAPSP2**	-
3	**ZAPSP3**	-
4	**ZAPSP4**	-

Screw, heavy serie

Tornillos, serie pesada

Schrauben, Schwere Serie

Vis, série lourde



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M10	1	**ZAVTEP1**	-
M10	2	**ZAVTEP2**	-
M10	3	**ZAVTEP3**	-
M12	4	**ZAVTEP4**	-

Price per unit / *Precio por unidad* / Preis pro Stück / *Prix à l'unité*

Stack Screws, heavy serie

NEW

Tornillo apilar serie pesada

Schraube Stapelplatte Schwere Serie

Vis de pile, série lourde



ROSCA THREAD	GRUPO GROUP	Referencia Part n°	€
M10	1	**ZAPVTAP1**	-
M10	2	**ZAPVTAP2**	-
M10	3	**ZAPVTAP3**	-
M12	4	**ZAPVTAP4**	-

Plates to pile up clamps, heavy serie

NEW

Chapa apilar serie pesada

Stapelplatte Schwere Serie

Plaques pour empiler colliers, série lourde



GRUPO GROUP	Referencia Part n°	€
1	**ZAPAP1**	-
2	**ZAPAP2**	-
3	**ZAPAP3**	-
4	**ZAPAP4**	-

Rail accessories

Accesorios para carril

Zubehör Schiene

Accessoires pour rail

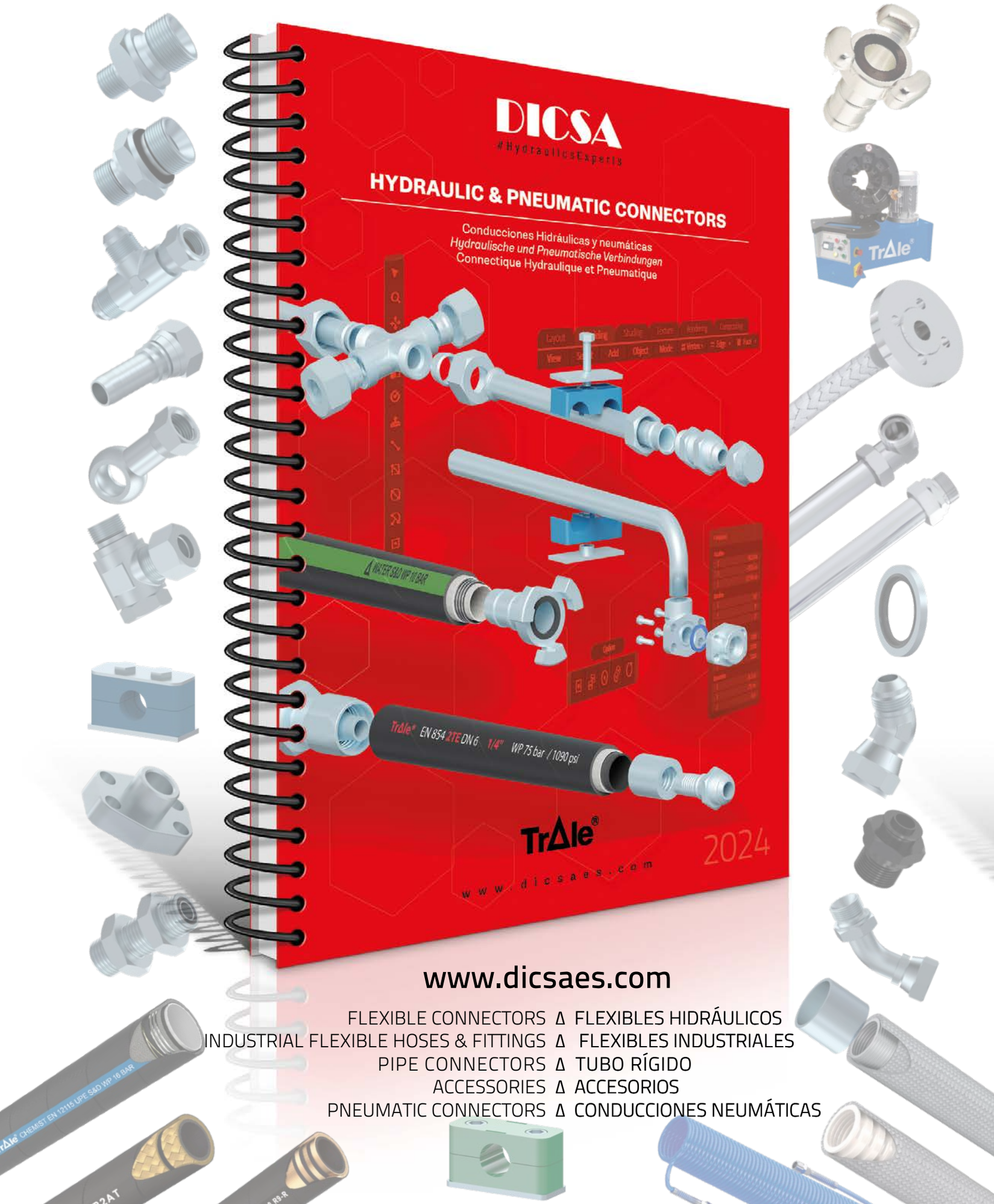


ROSCA THREAD	DETALLE DESCRIPTION		Referencia Part n°	€
M6	NUT		**TC6I**	-
M8	NUT		**TC8I**	-
M10	NUT		**TC10I**	-
M12	NUT	NEW	**TC12I**	-
--	RAIL		**TS11I**	-
--	RAIL		**TS14I**	-
--	RAIL	NEW	**TSP22I**	-

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PIPE CONNECTORS Δ TUBO RÍGIDO
ACCESSORIES Δ ACCESORIOS
PNEUMATIC CONNECTORS Δ CONDUCCIONES NEUMÁTICAS

BSP Adaptors 170
Adaptadores BSP
Adapter BSP
Adapteurs BSP

NPT Adaptors 180
Adaptadores NPT
Adapter NPT
Adapteurs NPT

O'Ring Boss Adaptors 185
Adaptadores O'Ring Boss
Adapter O'Ring Boss
Adapteurs O'Ring Boss

ORFS Adaptors 187
Adaptadores ORFS
Adapter ORFS
Adapteurs ORFS



04

ADAPTORS

Adaptadores

Adaptors

Adapteurs

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Straight male adaptors ▪ Uniones rectas macho ▪ Gerade Verschraubungen m ▪ Unions mâle | 170



Z1010 Z1010_WD Z1011 Z1020 Z1020_WD Z1016 Z1014 Z1024 Z1012 Z1022

Adaptors male-female ▪ Uniones rectas macho-hembra ▪ Gerade Verschraubungen m - w ▪ Unions mâle-femelle | 172



Z1060 Z1060 Z1061 Z1172 Z1170 Z1173 Z1150

Plugs ▪ Tapones ▪ Stopfen ▪ Bouchons | 174



Z1072 Z1070 Z1075

Female adaptors and bulkheads ▪ Uniones hembra y pasatabiques ▪ Verschraubungen w und Schottverschraubungen ▪ Unions femelle et passe-cloison | 175



Z1310 Z1031 Z1031 Z1160 Z1161

Banjos ▪ Orientables ▪ Ringaugen ▪ Adapteurs orientables | 176



Z1090 Z1092 Z1140

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ZVT210 ZVT320

Elbows ▪ Codos accesoriales ▪ Winkel - W ▪ Adapteurs coude accessoriel | 177



Z1194 ZA1196 Z1195 ZA1195

Forging elbows ▪ Codos en forja ▪ W-Guss-Stücke ▪ Adapteurs coude en forge | 178



Z1190 Z1192 Z1197 Z1191 Z1193 Z1196 Z1198 Z1183

Forging Tees and croos ▪ Te y cruces en forja ▪ T-Guss-Stück und überqueren ▪ Adapteurs Tés en forge et des croix | 179



Z1220 Z1222 Z1224 Z1228 Z1226 Z1221 Z1223 Z1227

NPT Adaptors

Adaptadores NPT
Adapter NPT
Adapteurs NPT

Straight male adaptors ▪ Uniones rectas macho-macho ▪ Gerade Verschraubungen m - m ▪ Unions mâle | 180


Z1015


ZN1015

Adaptors male-female ▪ Uniones rectas macho-hembra ▪ Gerade Verschraubungen m - w ▪ Unions mâle-femelle | 180


ZN1060


ZN1150


ZN1170


ZN1174

Plugs ▪ Tapones ▪ Stopfen ▪ Bouchons | 181


ZN1072


ZN1070


ZN1071

Female adaptors and bulkheads ▪ Uniones hembra y pasatabiques ▪ Verschraubungen w und Schottverschraubungen ▪ Unions femelle et passe cloisson | 181


ZN1031

Forging elbows ▪ Codos en forja ▪ W-Guss-Stücke ▪ Adapteurs coude en forge | 182


ZN1190


ZN1193


ZN1196


ZN1198


ZN1396


ZN1393

Forging tees ▪ Tes en forja ▪ T-Verschraubungen Guss ▪ Adapteurs Té en forge | 183


ZN1220


ZN1226

O'Ring Boss Adaptors

Adaptadores O'Ring Boss
Adapter O'Ring Boss
Adapteurs O'Ring Boss

Straight male adaptors ▪ Uniones rectas macho ▪ Gerade Verschraubungen m ▪ Unions mâle | 185


ZS6464


ZS220


ZS3474


ZS6401

Adaptors male-female ▪ Uniones rectas macho-hembra ▪ Gerade Verschraubungen m - w ▪ Unions mâle-femelle | 185


ZS380


ZS6405

Plugs ▪ Tapones ▪ Stopfen ▪ Bouchons | 185


ZS6408


ZS6409

Forging elbows and tees ▪ Codos en forja ▪ W- und T-Guss-Stücke ▪ Adapteurs coude et té en forge | 186


ZS575

Forging Tees ▪ Tes en forja ▪ T-Verschraubungen Guss ▪ Adapteurs Té en forge | 186


ZS6803


ZS6804

ORFS Adaptors

Adaptadores ORFS
Adapter ORFS
Adapteurs ORFS

ORFS Nuts and nipples ▪ Conos y tuercas ORFS ▪ Ü-Muttern und Konusse ORFS ▪ Écrous et collets ORFS | 187


ZOR102


ZOR1273

Plugs ▪ Tapones ▪ Verschlüsse ▪ Bouchons | 187


ZOR104


ZOR105

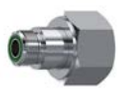
ORFS Straight unions ▪ Uniones rectas ORFS ▪ Gerade ORFS-Verschraubungen ▪ Unions droites ORFS | 187


ZOR200


ZOR202


ZOR1017


ZOR106


ZOR301


ZOR204


ZOR302


ZOR305

ORFS Elbows ▪ Codos en forja ORFS ▪ ORFS-Winkel - w ORFS ▪ Coudes ORFS | 189


ZOR405


ZOR600

ORFS Tees ▪ Tes en forja ORFS ▪ T-Verschraubungen ORFS ▪ Tés ORFS | 189


ZOR700


ZOR701


ZOR702


JVORFS

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Adaptor male BSP 60° - male BSP 60°

Adaptador macho - macho BSP cono 60°

Doppelnippel AGR-AGR

Adapteur mâle BSP - mâle BSP cône 60°



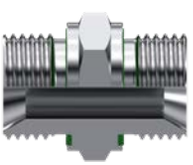
ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" BSP	**Z101002**	-
1/4" BSP	1/4" BSP	**Z101004**	-
1/4" BSP	1/4" BSP	**Z101004H19**	-
3/8" BSP	3/8" BSP	**Z101006**	-
1/2" BSP	1/2" BSP	**Z101008**	-
5/8" BSP	5/8" BSP	**Z101010**	-
3/4" BSP	3/4" BSP	**Z101012**	-
1" BSP	1" BSP	**Z101016**	-
1"1/4 BSP	1"1/4 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**	-

Adaptor male BSP 60° - male BSP 60° captive seal

Adaptador macho - macho BSP cono 60° con junta encastrada

Doppelnippel AGR-AGR WD

Adapteur mâle BSP - mâle BSP cône 60° avec joint plat



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**	-

Adaptor male BSP - male BSP flat seat

Adaptador macho - macho BSP asiento plano

Doppelnippel AGR-AGR flachdichtend

Adapteur mâle BSP - mâle BSP fond plat



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**	-

Reducer male adaptor BSP 60° - male BSP 60°

Reductor macho - macho BSP cono 60°

Reduziernippel AGR-AGR

Réduction mâle BSP - mâle BSP cône 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**	-

***Until end of stock** */ Hasta fin de existencias /* Bis zum Ende des Lagerbestandes */ Jusqu´à la fin du stock*

Reducer male adaptor BSP 60° - male BSP 60° captive seal

Reductor macho - macho BSP cono 60° con junta encastrada

Reduziernippel AGR-AGR WD

Réduction mâle BSP - mâle BSP cône 60° avec joint plat



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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Adaptor male BSPT - male BSPT

Adaptador macho - macho BSPT

Doppelnippel AGRR-AGRR

Adapteur mâle gaz conique BSPT - mâle gaz conique BSPT



ROSCA THREAD		Referencia Part n°	€
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**	-

Adaptor male BSP 60° - male NPT

Adaptador macho BSP 60° - macho NPT

Doppelnippel AGR-AGN

Adapteur mâle BSP cône 60° - mâle BRIGGS (NPT)



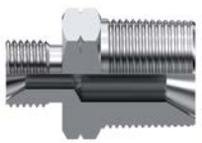
ROSCA THREAD		Referencia Part n°	€
1/8" BSP	1/8" NPT	**Z101402**	-
1/4" BSP	1/4" NPT	**Z101404**	-
3/8" BSP	3/8" NPT	**Z101406**	-
1/2" BSP	1/2" NPT	**Z101408**	-
3/4" BSP	3/4" NPT	**Z101412**	-
1" BSP	1" NPT	**Z101416**	-
1"1/4 BSP	1"1/4 NPT	**Z101420**	-
1"1/2 BSP	1"1/2 NPT	**Z101424**	-
2" BSP	2" NPT	**Z101432**	-

Reducer adaptor male BSP 60° - male NPT

Reductor macho BSP 60° - macho NPT

Reduziernippel AGR-AGN

Réduction mâle BSP cône 60° - mâle BRIGGS NPT



ROSCA THREAD		Referencia Part n°	€
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**	-

Adaptor male BSP 60° - male BSPT

Adaptador macho BSP 60° - macho BSPT

Doppelnippel AGR-AGRR

Adapteur mâle BSP cône 60° - mâle gaz conique BSPT



ROSCA THREAD		Referencia Part n°	€
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**	-

BSP Adaptors

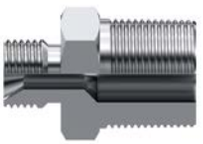
Adaptadores BSP
Adapter BSP
Adapteurs BSP

Reducer adaptor male BSP 60° - male BSPT

Reductor macho BSP 60° - macho BSPT

Reduziernippel AGR-AGRR

Réduction mâle BSP cône 60° - mâle gaz conique 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**	-

Adaptor male BSP 60° - fixed female BSP

Prolongador macho BSP 60° - hembra fija BSP

Adapter AGR-IGR

Prolongateur mâle BSP cône 60° - femelle gaz fixe



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**	-

Reducer adaptor male BSP 60° - fixed female BSP

Reductor macho BSP 60° - hembra fija BSP

Reduzierstück AGR fest - IGR fest

Prolongateur réducteur mâle BSP cône 60° - femelle gaz



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**	-

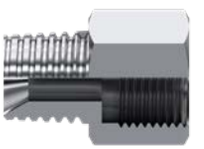
Adaptor male BSPT - fixed female BSP

NEW

Prolongador macho BSPT - hembra fija BSP

Adapter AGR BSPT - IG BSP

Prolongateur mâle BSPT - femelle gaz fixe



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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Adaptor BSP 60° swivel female - BSP 60° swivel female

Adaptador hembra giratoria - hembra giratoria BSP 60°

Adapter BSP (60°) w mit Drallmutter

Adapteur femelle tournante BSP 60° - femelle tournante 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**	-

Adaptor male BSP 60° - swivel female BSP 60°

Adaptador macho - hembra giratoria BSP cono 60°

Adapter m - w mit Drallmutter BSP kon. 60°

Adapteur mâle BSP - femelle tournante BSP cône 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**	-

Reducer male BSP 60° - swivel female BSP 60°

Reductor macho - hembra giratoria BSP cono 60°

Reduziernippel AGR-DKR

Réduction mâle BSP - femelle tournante BSP cône 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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Reducer plug male BSP 60° - fixed female BSP

Tapón reductor macho BSP 60° - hembra fija BSP

Reduziernippel AGR-IGR fest

Bouchon réducteur mâle BSP cône 60° - femelle gaz



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**	-

BSP fixed female plug

Tapón hembra hexagonal rosca BSP

Verschlussmutter fest BSP

Bouchon femelle gaz



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**	-

BSP male hexagonal plug

Tapón macho hexagonal rosca BSP 60°

Verschlussschraube BSP

Bouchon mâle BSP cône 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**	-

BSP swivel female plug

Tapón hembra giratoria BSP cono 60°

Verschlussmutter BSP 60° kon.

Bouchon femelle tournante BSP cône 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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Adaptor female fixed BSP - female fixed BSP

Manguito redondo roscado hembra BSP

Runde Hülse mit BSP-Innengewinde

Manchon femelle gaz ronde



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**	-

Adaptor hexagonal female fixed BSP - female fixed BSP

Manguito hexagonal roscado hembra BSP

Doppelmuffe IGR fest - IGR fest

Manchon femelle gaz - femelle gaz hexagone



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**	-

Reducer hexagonal female fixed BSP - female fixed BSP

Manguito reducción hexagonal roscado hembra BSP

Reduziernippel IGR fest - IGR fest

Manchon réducteur femelle gaz - femelle gaz hexagone



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**	-

Straight bulkhead adaptor BSP 60° without nut

Pasatabiques sin tuerca BSP cono 60°

Gerader Schottadapter DIN 3910 Form ohne M+S - GSA-X

Passe-cloison mâle BSP 60° - mâle BSP 60° sans équiper



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**	-

Conter nut for BSP bulkhead

Tuerca pasatabiques BSP

Gegenmuttern DIN 80705 für Schottverschraubungen - GM

Contre-écrou passe-cloison gaz



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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

BSP Bolt for banjo

Tornillo orientable simple BSP

Einfache Hohlschraube BSP für Ringauge

Vis creuse simple pour banjo 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**	-

Metric bolt for banjo

Tornillo orientable simple Métrico

Einfache Hohlschraube metr. für Ringauge

Vis creuse simple for banjo Métrique



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**	-

BSP Banjo-BSP male (60°)

Esférico BSP - macho BSP (60°)

Ringauge BSP-m BSP (60°)

Banjo passage gaz x mâle 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**	-

BSP Bonded Seal FKM Self-centering

Juntas metal FKM Gas Autocentrantes

USIT-Ringe FKM GAS Selbstzentrierend

Bague BS gaz FKM auto-centrée



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**	-

Metric Bonded Seal in FKM Self-centering

Juntas metal FKM Métricas Autocentrantes

USIT-Dichtringe FKM metr.Selbstzentrierend

Bague BS Métrique FKM auto-centrée



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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

90° Elbow swivel female BSP 60° - male BSP 60°

Codo 90° macho - hembra giratoria BSP cono 60°

90° Winkel AGR-DKR

Adapteur coude 90° accesoriel mâle BSP - femelle tournante BSP cône 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**	-

90° Elbow swivel female BSP 60° - swivel female BSP 60°

Codo 90° hembra giratoria - hembra giratoria BSP cono 60°

90° Winkel DKR-DKR

Adapteur coude 90° femelle tournante BSP - femelle tournante cône 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**	-

45° Ebow swivel female BSP 60° - male BSP 60°

Codo 45° macho - hembra giratoria BSP cono 60°

45° Bogen AGR-DKR

Adapteur coude 45° accesoriel mâle BSP - femelle tournante BSP cône 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**	-

45° Ebow swivel female BSP 60° - swivel female BSP 60°

Codo 45° hembra giratoria - hembra giratoria BSP cono 60°

45° Bogen DKR-DKR

Adapteur coude 45° femelle tournante BSP - femelle tournante BSP cône 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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

90° Adaptor male - male BSP 60°

Codo 90° macho - macho BSP cono 60°

90° Winkel BSP 90 X BSP 90

Adapteur coude 90° mâle BSP - mâle BSP cône 60° forge



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**	-

90° Adaptor male BSP 60° - male BSPT

Codo 90° macho BSP 60° - macho BSPT

90° Winkel AGR-AG BSPT

Adapteur coude 90° mâle BSP cône 60° - mâle gaz conique BSPT forge



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**	-

90° Adjustable stud elbow male-male BSP

Codo 90° regulable macho - macho BSP

90° Winkel einstellbar m - m BSP

Coude 90° orientable mâle - mâle 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**	-

90° Adaptor male BSP 60° - male NPT

Codo 90° macho BSP 60° - macho NPT

90° Winkel AGR-AGN

Adapteur coude 90° mâle BSP 60° - mâle NPT forge



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**	-

90° Adaptor male - swivel female BSP 60°

Codo 90° macho - hembra giratoria BSP cono 60°

90° Winkel m - w BSP (60°) kon.

Adapteur coude 90° mâle BSP - femelle tournante BSP cône 60° forge



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**	-

90° Adaptor fixed female BSP

Codo 90° hembra fija - hembra fija BSP

90° Winkel w fest BSP

Adapteur coude 90° femelle fixe gaz cylindrique forge



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**	-

90° Adaptor swivel female BSP 60°

Codo 90° hembra giratoria - hembra giratoria BSP cono 60°

90° Winkel w mit Ü-Mutter - w mit Ü-Mutter BSP (60°) kon.

Adapteur coude 90° femelle tournante BSP cône 60° forge



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**	-

45° Adaptor male - swivel female BSP 60°

Codo 45° macho - hembra giratoria BSP cono 60°

45° Winkel m - w Ü-Mutter BSP 60°

Adapteur coude 45° mâle BSP - femelle tournante BSP cône 60° forge



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**	-

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Tees BSP 60° male

Tes macho - macho - macho BSP cono 60°

T-Stück AGR

Adapteurs Té mâle BSP cône 60° forge



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**	-

Tees BSP 60° male - male - swivel female

Tes macho - macho - hembra giratoria BSP 60°

T-Stück AGR-AGR-DKR

Adapteurs Té mâle BSP - mâle BSP - femelle tournante BSP cône 60° forge



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**	-

Tees BSP 60° male - swivel female - male

Tes macho - hembra giratoria - macho BSP 60°

T-Stück AGR-DKR-AGR

Adapteurs Té mâle BSP - femelle tournante - mâle BSP cône 60° forge



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**	-

Tees BSP 60° swivel female

Tes hembras giratorias BSP cono 60°

T-Stücke DKR

Adapteurs Té femelle tournante BSP cône 60° forge



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**	-

Tees fixed female BSP

Tes hembras fijas BSP

T-BSP IGR fest

Adapteurs Té femelle gaz forge



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**	-

Tees BSP 60° male - NPT male center - BSP 60° male

Tes macho BSP 60° - macho NPT central - macho BSP 60°

T-Verschraubungen m BSP 60° - m NPT zentral - m BSP 60°

Adapteurs Té mâle BSP 60° - mâle NPT central - mâle BSP 60° forge



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**	-

Tees BSP 60° male - BSP 60° male - NPT lateral male

Tes macho BSP 60° - macho BSP 60° - macho NPT lateral

T-Verschraubungen m BSP 60° - m BSP 60° - m NPT seitl.

Adapteurs Té mâle BSP 60° - mâle BSP 60° - mâle NPT latéral forge



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**	-

Cross fixed female BSP

Cruz hembra fija BSP

Kreuzstück BSP Innengewinde

Croix BSP femelle fixe



ROSCA THREAD	Referencia Part n°	€
1/4" BSP	**Z122704**	-
3/8" BSP	**Z122706**	-
1/2" BSP	**Z122708**	-
3/4" BSP	**Z122712**	-
1" BSP	**Z122716**	-

NPT Adaptors

Adaptadores NPT
Adapter NPT
Adapteurs NPT

Adaptor male NPT - male NPT

Adaptor macho - macho NPT

Doppelnippel AGN-AGN

Adapteur mâle NPT - mâle 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**	-

Reducer male NPT - male NPT

Reductor macho - macho NPT

Reduziernippel NPT

Réducteur mâle NPT- mâle 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**	-

Adaptor male NPT - fixed female NPT

Adaptador macho - hembra fija NPT

Adapter m - w fest NPT

Adapteur mâle NPT - femelle fixe 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**	-

Reducer male NPT - fixed female NPT

Reductor macho - hembra fija NPT

Reduzierstück m - w fest NPT

Réducteur mâle NPT - femelle fixe 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**	-

Adaptor male NPT - swivel female NPSM

Adaptador macho NPT - hembra giratoria NPSM

Adapter m NPT - w mit Drallmutter NPSM

Adapteur mâle NPT - femelle tournante NPSM



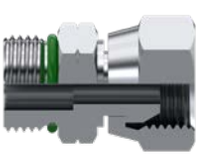
ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
1/8" NPT	1/8" NPSM	**ZN11700202**	-
1/4" NPT	1/4" NPSM	**ZN11700404**	-
3/8" NPT	3/8" NPSM	**ZN11700606**	-
3/8" NPT	1/2" NPSM	**ZN11700608**	-
1/2" NPT	1/2" NPSM	**ZN11700808**	-
1/2" NPT	3/4" NPSM	**ZN11700812**	-
3/4" NPT	3/4" NPSM	**ZN11701212**	-
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**	-

Adpator male UNF - swivel female NPSM

Adaptador macho UNF - hembra giratoria NPSM

Adapter m UNF - w mit Drallmutter NPSM

Adapteur mâle UNF - femelle tournante 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**	-

NPT Adaptors

Adaptadores NPT
Adapter NPT
Adapteurs NPT

S.S. NPT fixed cap

Tapón hembra fija NPT

S.S. Verschlussstopfen HF NPT

Bouchon femelle fixe 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**	-

S.S. NPT male plug

Tapón macho NPT

S.S. Verschluss TYP NPT

Bouchon mâle 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**	-

S.S. NPT Allen plug

Tapón Allen NPT

S.S. Verschlussverschr. Innensechskant NPT

Bouchon Allen NPT



ROSCA THREAD	Referencia Part n°	€
1/4" NPT	**ZN107104**	-
3/8" NPT	**ZN107106**	-
1/2" NPT	**ZN107108**	-
3/4" NPT	**ZN107112**	-
1" NPT	**ZN107116**	-

NPT hexagonal adaptor fixed female

Adaptador hexagonal hembra fija NPT

6 kt Doppelmuffe fest NPT

Adapteur hexagonal femelle fixe 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**	-

NPT Adaptors

Adaptadores NPT
Adapter NPT
Adapteurs NPT

90° elbow male NPT - male NPT

Codo 90° macho - macho NPT

90° Winkel m-m NPT

Coude 90° mâle NPT - mâle 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**	-

90° elbow male NPT - swivel female NPSM

Codo 90° macho NPT - hembra giratoria NPSM

90° Winkel m NPT - w mit Ü-Mutter NPSM

Coude 90° mâle NPT - femelle tournante 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**	-

90° elbow fixed female NPT - fixed female NPT

Codo 90° hembra fija - hembra fija NPT

90° Winkel w fest - w fest NPT

Coude 90° femelle fixe NPT - femelle fixe 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**	-

45° elbow male NPT - male NPT

Codo 45° macho - macho NPT

45° Winkel m-m NPT

Coude 45° mâle NPT - mâle 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**	-

45° elbow fixed female NPT - fixed female NPT

Codo 45° hembra fija- hembra fija NPT

45° Bogen w fest - w fest NPT

Coude 45° femelle fixe NPT - femelle fixe 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**	-

45° elbow male NPT - swivel female NPSM

Codo 45° macho NPT - hembra giratoria NPSM

45° Bogen m NPT - w NPSM

Coude 45° mâle NPT - swivel female 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**	-

NPT Adaptors

Adaptadores NPT
Adapter NPT
Adapteurs NPT

NPT male tee

Tes macho-macho-macho NPT

T-Verschraubungen m - m - m NPT

Té mâle NPT



ROSCA THREAD			Referencia Part n°	€
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**	-

NPT fixed female tee

Tes hembra fija-hembra fija-hembra fija NPT

T-Verschraubungen w fest NPT

Té femelle fixe NPT



ROSCA THREAD			Referencia Part n°	€
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**	-

SI NO HAS ENCONTRADO
LO QUE BUSCAS, HABLEMOS.

SOMOS FABRICANTES
WE ARE MANUFACTURERS

IF YOU HAVE NOT FOUND
WHAT YOU ARE LOOKING FOR, LET'S TALK.



DICSA

#HYDRAULICSEXPERTS

O'Ring Boss Adaptors

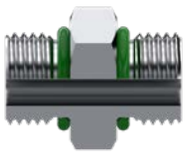
Adaptadores O'Ring Boss
Adapter O'Ring Boss
Adapteurs O'Ring Boss

Adaptor male - male O'Ring Boss

Adaptador macho - macho O'Ring Boss

Doppelnippel m - M O'Ring Boss

Adapteur mâle - mâle O'Ring Boss



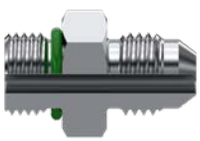
TUBO PIPE	ROSCA THREAD		Referencia Part n°	€
6	1/4"	7/16"-20h UNF 7/16"-20h UNF	ZS64640606	-
8	5/16"	1/2"-20h UNF 1/2"-20h UNF	ZS64640808	-
10	3/8"	9/16"-18h UNF 9/16"-18h UNF	ZS64641010	-
12	1/2"	3/4"-16h UNF 3/4"-16h UNF	ZS64641212	-
14-15-16	5/8"	7/8"-14h UNF 7/8"-14h UNF	ZS64641616	-
18-20	3/4"	1"1/16-12h UN 1"1/16-12h UN	ZS64642020	-
25	1"	1"5/16-12h UN 1"5/16-12h UN	ZS64642525	-

Adaptor male O'Ring Boss - male JIC 37°

Adaptador macho O'Ring Boss - macho JIC 37°

Doppelnippel m O'Ring Boss - m JIC 37°

Adapteur mâle O'Ring Boss- mâle JIC 37°



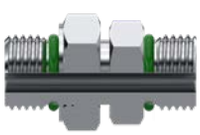
TUBO PIPE	ROSCA THREAD		Referencia Part n°	€
6	1/4"	7/16"-20h UNF 7/16"-20h UNF	ZS22006	-
8	5/16"	1/2"-20h UNF 1/2"-20h UNF	ZS22008	-
10	3/8"	9/16"-18h UNF 9/16"-18h UNF	ZS22010	-
12	1/2"	3/4"-16h UNF 3/4"-16h UNF	ZS22012	-
14-15-16	5/8"	7/8"-14h UNF 7/8"-14h UNF	ZS22016	-
18-20	3/4"	1"1/16-12h UN 1"1/16-12h 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	-

Adaptor male O'Ring Boss - adjustable male O'Ring Boss

Adaptador macho O'Ring Boss - macho regulable O'Ring Boss

Doppelnippel m O'Ring Boss - m einstellbar O'Ring Boss

Adapteur mâle O'Ring Boss - mâle réglable O'Ring Boss



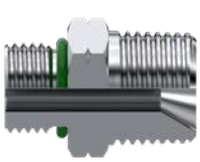
TUBO PIPE	ROSCA THREAD		Referencia Part n°	€
6	1/4"	7/16"-20h UNF 7/16"-20h UNF	ZS34740606	-
10	3/8"	9/16"-18h UNF 9/16"-18h UNF	ZS34741010	-
12	1/2"	3/4"-16h UNF 3/4"-16h UNF	ZS34741212	-
14-15-16	5/8"	7/8"-14h UNF 7/8"-14h UNF	ZS34741616	-
18-20	3/4"	1"1/16-12h UN 1"1/16-12h UN	ZS34742020	-
25	1"	1"5/16-12h UN 1"5/16-12h UN	ZS34742525	-

Adaptor male O'Ring Boss - male NPT

Adaptador macho O'Ring Boss - macho NPT

Doppelnippel m O'Ring Boss - m NPT

Adapteur mâle O'Ring Boss- mâle NPT



TUBO PIPE	ROSCA THREAD		Referencia Part n°	€
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	-

Adaptor male O'Ring Boss - swivel female JIC 37°

Adaptador macho O'Ring Boss - hembra giratoria JIC 37°

Adapter m O'Ring Boss - w mit Ü-Mutter metr. JIC 37°

Adapteur mâle O'Ring Boss - femelle tournante JIC 37°



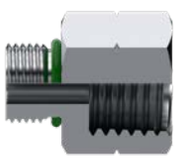
TUBO PIPE	ROSCA (H) THREAD (F)		ROSCA (M) THREAD (M)	Referencia Part n°	€
6	1/4"	7/16" 20h UNF	7/16" 20h UNF	ZS38006	-
10	3/8"	9/16" 18h UNF	9/16" 18h UNF	ZS38010	-
12	1/2"	3/4" 16h UNF	3/4" 16h UNF	ZS38012	-
14-15-16	5/8"	7/8" 14h UNF	7/8" 14h UNF	ZS38016	-
18-20	3/4"	1"1/16 12hUN	1"1/16 12h UN	ZS38020	-
25	1"	1"5/16 12h UN	1"5/16 12h UN	ZS38025	-

Adaptor male O'Ring Boss - fixed female NPT

Prolongador macho O'Ring Boss - hembra fija NPT

Adapter m O'Ring Boss - w fest NPT

Prolongateur mâle O'Ring Boss - femelle fixe NPT



TUBO PIPE	ROSCA THREAD			Referencia Part n°	€
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	-

Male hexagonal O'Ring Boss plug

Tapón macho O'Ring Boss hexagonal

Verschlussschraube TYP O'Ring Boss 6 kt

Bouchon mâle O'Ring Boss hexagonal



ROSCA THREAD	Referencia Part n°	€
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	-

Male allen O'Ring Boss plug

Tapón macho O'Ring Boss Allen

Verschlussschraube TYP O'Ring Boss Innensechskant

Bouchon mâle O'Ring Boss allen



ROSCA THREAD	Referencia Part n°	€
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	-

O'Ring Boss Adaptors

Adaptadores O'Ring Boss
Adapter O'Ring Boss
Adapteurs O'Ring Boss

90° Adjustable elbow male O'Ring Boss -male JIC 37°

Codo 90° regulable macho O'Ring Boss - macho JIC 37°

90° Winkel einstellbar m O'Ring Boss - m JIC 37°

Coude 90° orientable mâle O'Ring Boss - mâle 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**	-

Adjustable Tee male O'Ring Boss - male JIC 37° - male JIC 37°

Te regulable macho O'Ring Boss - macho JIC 37° - macho JIC 37°

Einstellbare T-Einschraubungen O'Ring Boss - m JIC 37° - m JIC 37°

Té orientable macho O'Ring Boss - macho JIC 37°- macho 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**	-

Adjustable Tee male JIC 37° - male O'Ring Boss - male JIC 37°

Te regulable macho JIC 37° - macho O'Ring Boss - macho JIC 37°

Einstellbare T-Einschraubungen m JIC 37° - O'Ring Boss - m JIC 37°

Té orientable macho JIC 37° - macho O'Ring Boss - macho 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**	-

ORFS Adaptors

Adaptadores ORFS
Adapter ORFS
Adapteurs ORFS

ORFS Nut

Tuerca ORFS

Mutter ORFS - m ORFS

Écrou 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**	-

ORFS Welding nipple

Cono soldar ORFS

Schweißkegel ORFS

Collet à souder 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**	-

ORFS Male plug

Tapón macho ORFS

Verschlussschraube TYP ORFS

Bouchon mâle 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**	-

ORFS cap

Tapón hembra ORFS

Verschluss ORFS

Bouchon femelle 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**	-

ORFS Male adaptor

Adaptador macho-macho ORFS

Doppelnippel m - m ORFS

Adapteur mâle ORFS



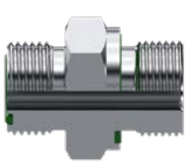
ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	**ZOR2000404**	-
ORFS 11/16"-16h	ORFS 11/16"-16h	**ZOR2000606**	-
ORFS 13/16"-16h	ORFS 13/16"-16h	**ZOR2000808**	-
ORFS 1"-14h	ORFS 1"-14h	**ZOR2001010**	-
ORFS 1"3/16-12h	ORFS 1"3/16-12h	**ZOR2001212**	-
ORFS 1"7/16-12h	ORFS 1"7/16-12h	**ZOR2001616**	-
ORFS 1"11/16-12h	ORFS 1"11/16-12h	**ZOR2002020**	-
ORFS 2"-12h	ORFS 2"-12h	**ZOR2002424**	-

ORFS Male - BSP Male

Adaptador macho ORFS-macho BSP

Doppelnippel m ORFS - m BSP

Adapteur mâle ORFS - mâle BSP



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**	-

ORFS Adaptors

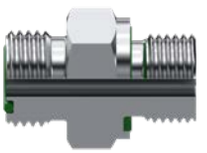
Adaptadores ORFS
Adapter ORFS
Adapteurs ORFS

ORFS Male - Metric Male

Adaptador macho ORFS-macho Métrico

Doppelnippel m ORFS-m metr.

Adapteur mâle ORFS - mâle Métrique



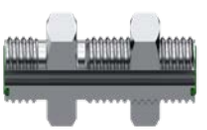
ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	M12x1.5	**ZOR10170412**	-
ORFS 11/16"-16h	M16x1.5	**ZOR10170616**	-
ORFS 13/16"-16h	M18x1.5	**ZOR10170818**	-
ORFS 1"-14h	M22x1.5	**ZOR10171022**	-
ORFS 1"7/16-12h	M33x2	**ZOR10171633**	-
ORFS 1"11/16-12h	M42x2	**ZOR10172042**	-
ORFS 2"-12h	M48x2	**ZOR10172448**	-

ORFS Bulkhead

Pasatabiques ORFS

Schottverschraubungen ORFS SV- ORFS

Passe-cloison 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**	-

ORFS Male - ORFS Swivel female

Adaptador macho-hembra giratoria ORFS

Adapter m O'Ring Boss - w mit Ü-Mutter ORFS

Adapteur mâle - femelle tournante 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**	-

ORFS Male - 37° JIC Male

Adaptador macho ORFS-macho JIC 37°

Doppelnippel m ORFS-m JIC 37°

Adapteur mâle ORFS - mâle 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**	-

ORFS Male - 37° JIC Swivel female

Adaptador macho ORFS-hembra giratoria JIC 37°

Adapter m ORFS - w mit Ü-Mutter JIC 37°

Adapteur mâle ORFS - femelle tournante JIC 37°



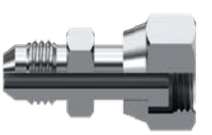
ROSCA THREAD		Referencia Part n°	€
ORFS 9/16"-18h	JIC 7/16"	**ZOR3020404**	-
ORFS 11/16"-16h	JIC 9/16"	**ZOR3020606**	-
ORFS 13/16"-16h	JIC 3/4"	**ZOR3020808**	-
ORFS 1"-14h	JIC 7/8"	**ZOR3021010**	-
ORFS 1"3/16-12h	JIC 1"1/16	**ZOR3021212**	-
ORFS 1"7/16-12h	JIC 1"5/16	**ZOR3021616**	-
ORFS 1"11/16-12h	JIC 1"5/8	**ZOR3022020**	-
ORFS 2"-12h	JIC 1"7/8	**ZOR3022424**	-

JIC Male - ORFS Swivel female

Adaptador macho JIC 37°-hembra giratoria ORFS

JIC m - w mit Ü-Mutter ORFS

Adapteur mâle JIC 37° - femelle tournante 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**	-

ORFS Adaptors

Adaptadores ORFS
Adapter ORFS
Adapteurs ORFS

90° ORFS male - ORFS male

Codo 90° macho-macho ORFS

90° Winkel m - m ORFS

Coude 90° mâle ORFS - mâle 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**	-

90° ORFS swivel female - ORFS male

Codo 90° macho-hembra giratoria ORFS

90° Winkel m - w mit Ü-Mutter ORFS

Coude 90° femelle tournante ORFS- mâle ORFS



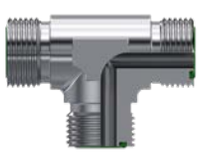
ROSCA (M) THREAD (M)	ROSCA (H) THREAD (F)	Referencia Part n°	€
ORFS 9/16"-18h	ORFS 9/16"-18h	**ZOR6000404**	-
ORFS 11/16"-16h	ORFS 11/16"-16h	**ZOR6000606**	-
ORFS 13/16"-16h	ORFS 13/16"-16h	**ZOR6000808**	-
ORFS 1"-14h	ORFS 1"-14h	**ZOR6001010**	-
ORFS 1"3/16-12h	ORFS 1"3/16-12h	**ZOR6001212**	-
ORFS 1"7/16-12h	ORFS 1"7/16-12h	**ZOR6001616**	-
ORFS 1"11/16-12h	ORFS 1"11/16-12h	**ZOR6002020**	-

ORFS Male Tee

Te macho-macho-macho ORFS

T-Verschraubung m-m-m - ORFS

Té Mâle 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**	-

ORFS Male-Swivel female-Male Tee

Te macho-hembra giratoria-macho ORFS

T-Verschraubungen ORFS m - w Ü-Mutter - m

Té Mâle-Femelle tournante-Mâle ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	**ZOR7010404**	-
ORFS 11/16"-16h	**ZOR7010606**	-
ORFS 13/16"-16h	**ZOR7010808**	-
ORFS 1"-14h	**ZOR7011010**	-
ORFS 1"3/16-12h	**ZOR7011212**	-
ORFS 1"7/16-12h	**ZOR7011616**	-
ORFS 1"11/16-12h	**ZOR7012020**	-
ORFS 2"-12h	**ZOR7012424**	-

ORFS Male-Male-Swivel Female Tee

Te macho-macho-hembra giratoria ORFS

T-Verschraubungen m - m - w mit Ü-Mutter ORFS

Té Mâle-Mâle-Femelle tournante ORFS



ROSCA THREAD	Referencia Part n°	€
ORFS 9/16"-18h	**ZOR7020404**	-
ORFS 11/16"-16h	**ZOR7020606**	-
ORFS 13/16"-16h	**ZOR7020808**	-
ORFS 1"-14h	**ZOR7021010**	-
ORFS 1"3/16-12h	**ZOR7021212**	-
ORFS 1"7/16-12h	**ZOR7021616**	-
ORFS 1" 11/16-12h	**ZOR7022020**	-

O'ring FKM green for ORFS thread

Juntas tóricas FKM verde para rosca ORFS

O-Ringe FKM grün für ORFS

Joint torique FKM vert pour filetage 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**	-

Welding fittings 195
Racores soldables
Schweißverschraubungen
Embouts à souder

Welding flanges 203
Bridas soldables
Schweißflansche
Brides à souder



05

WELDING FITTINGS

Racores soldables

Schweißverschraubungen

Embouts à souder

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Welding Male ▪ Racores macho para soldar ▪ Schweißverschr. m ▪ Raccords mâle à souder | 195


81070

Z1035

Z10351

Z1033

Z1290

Z1032

Z1034

Welding BSP nuts ▪ Racores BSP para soldar ▪ Schweißarmaturen BSP ▪ Écrous tournants à souder | 196


Z1281

Z1037

Z1038

Z1282

Z1039

Z1040

Welding JIC fittings ▪ Racores JIC para soldar ▪ Schweißverschr. JIC ▪ Raccords JIC à souder | 197


Z1283

Z1036

Z1041

Z1042

Z1284

Welding metric fittings ▪ Racores Métricos para soldar ▪ Metr. Schweißverschr. ▪ Raccords métriques à souder | 198


Z1051

ZCMORIL/S

KZL00

KZC90

KZC45

Z1052

Z1054

Z1053

Z1055

Z1050

Welding fittings >2" ▪ BSP >2" ▪ Schweißnippel >2" ▪ Raccords à souder >2" | 200


Z1270

Z12784

ZM1032

Other welding BSP fittings ▪ Conos ajuste BSP ▪ Andere Schweißverschr. BSP ▪ Autres raccords à souder BSP | 201


Z1270

Z1273

Z1274

Other welding JIC fittings ▪ Conos ajuste JIC ▪ Andere Schweißverschr. JIC ▪ Autres raccords à souder JIC | 201


Z1277

ZS110

Welding fittings microcast ▪ Racores Microfundido para soldar ▪ Schweißverschr. Mikroguss ▪ Raccords à souder micro-moulés | 202


ZFIG340...HS

ZFIG340...S

ZFIG341...MS

Welding flanges

Bridas soldables
Schweißflansche
Brides à souder

Fixed Forged flanges ▪ Bridas fijas para soldar ▪ Vorschweißflansche ▪ Brides DIN à souder fixes | 203


ZBPN162633


ZBPN402635


ZBANSAWN150


ZBANSAWN300

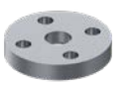
DIN 2642 swivel flanges set ▪ Conjunto bridas DIN 2642 ▪ Flanschsatz DIN 2642 ▪ Ensemble brides tournantes DIN 2642 | 204

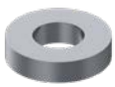

ZBPN102642


ZABARO2642


ZBTUBO

DIN 2656 swivel flanges set ▪ Conjunto bridas DIN 2656 ▪ Flanschsatz DIN 2656 ▪ Ensemble brides tournantes DIN 2656 | 205


ZBPN402656

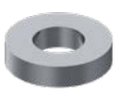

ZABARO2656


ZBTUBO

ANSI-ASA swivel flanges set ▪ Conjunto bridas ANSI-ASA ▪ Flanschsatz ANSI-ASA ▪ Ensemble brides ANSI-ASA | 206


ZBANSASO150


ZBANSASO300


ZABAROANSA


ZBTUBO

DICSA

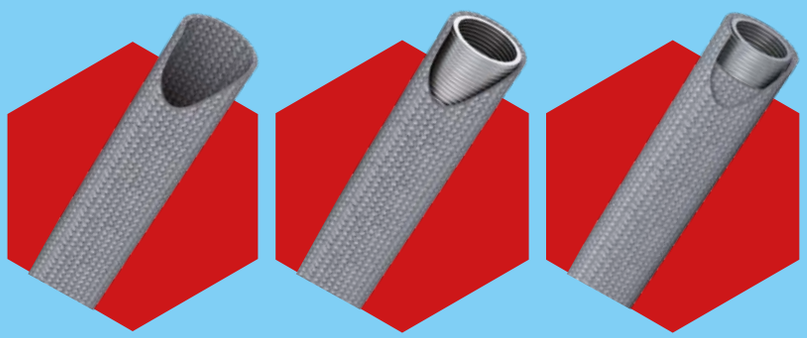
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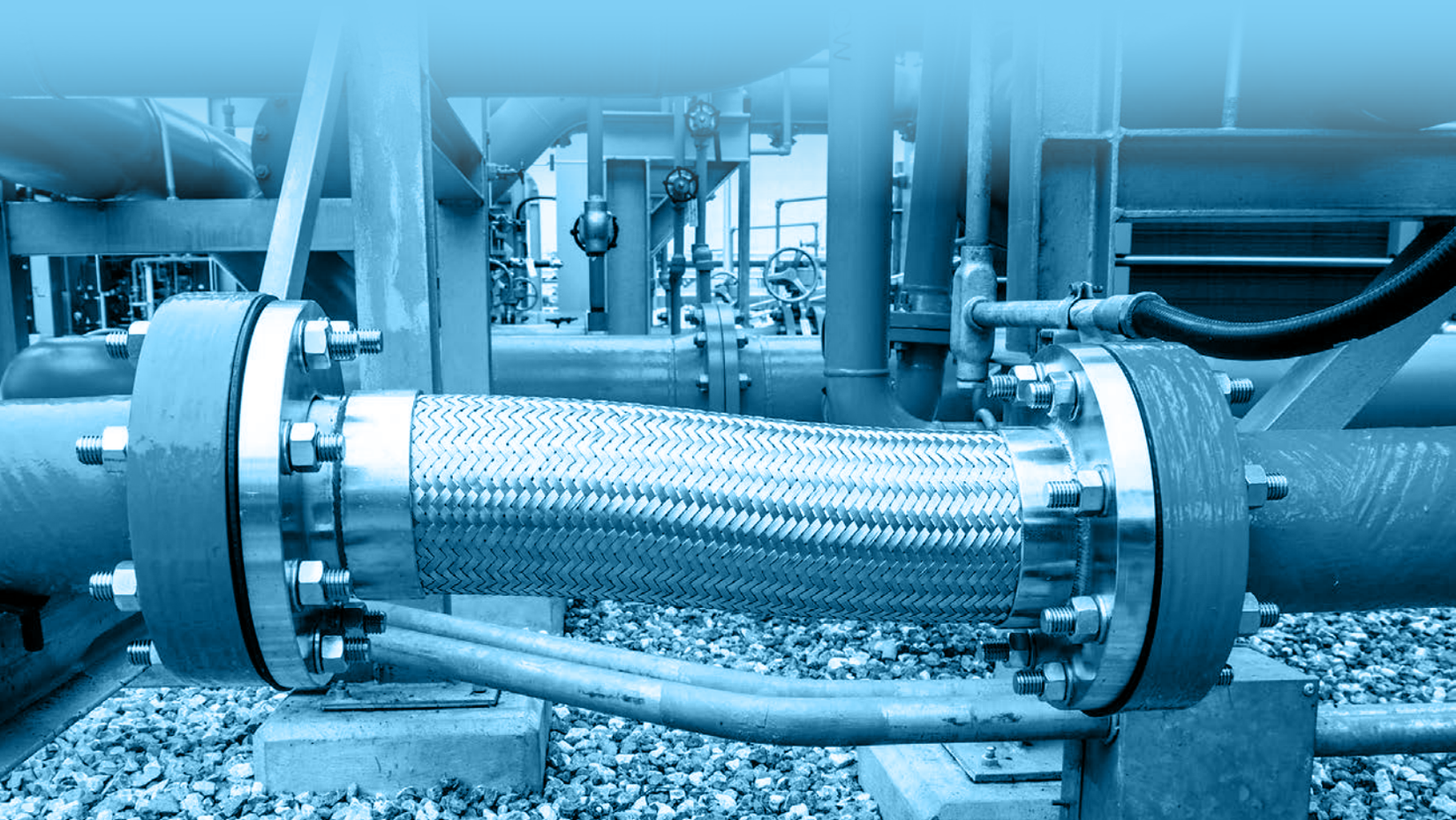
MANGUERAS ACERO INOXIDABLE
STAINLESS STEEL HOSES



Mangueras de inoxidable corrugado para instalaciones en el sector químico, centrales eléctricas y plantas petroquímicas.

Convoluted stainless steel hoses for a variety of facilities, such us chemical sector, power plant, oil and gas.





Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Welding ferrule

Casquillo soldable

Pressfassungen für Ringwellschläuche

Jupe à souder



DN	Ø INT. Ø INNER	Referencia Part n°	€
1/4"	14	**810700400**	-
1/4"	12	**810700401**	-
3/8"	19	**810700600**	-
3/8"	17	**810700601**	-
1/2"	22	**810700800**	-
1/2"	19	**810700801**	-
5/8"	25	**810701000**	-
3/4"	30	**810701200**	-
3/4"	32	**810701201**	-
1"	35	**810701500**	-
1"	37	**810701600**	-
1"1/4	47,8	**810702000**	-
1"1/4	44,3	**810702001**	-
1"1/2	56.3	**810702400**	-
2"	66	**810703201**	-
2"1/2	84,9	**810704000**	-
2"1/2	95,6	**810704001**	-
3"	100	**810704801**	-
4"	125	**810706400**	-

Welding BSP 60° Male with guide

Macho soldable BSP cono 60° con guía

Schweiß-Außengewinde BSP mit AG

Mâle gaz BSP 60° à souder avec guide



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSP	1/4"	**Z103504**	-
3/8" BSP	3/8"	**Z103506**	-
1/2" BSP	1/2"	**Z103508**	-
3/4" BSP	3/4"	**Z103512**	-
1" BSP	1"	**Z103516**	-
1"1/4 BSP	1"1/4	**Z103520**	-
1"1/2 BSP	1"1/2	**Z103524**	-
2" BSP	2"	**Z103532**	-

Inside welding BSP Male

Macho BSP 60° soldable interior

Außengewinde BSP 60° innen schweißbar

Mâle à souder int. BSP



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSP	1/4"	**Z1035104**	-
3/8" BSP	3/8"	**Z1035106**	-
1/2" BSP	1/2"	**Z1035108**	-
3/4" BSP	3/4"	**Z1035112**	-
1" BSP	1"	**Z1035116**	-
1"1/4 BSP	1"1/4	**Z1035120**	-
1"1/2 BSP	1"1/2	**Z1035124**	-
2" BSP	2"	**Z1035132**	-

Welding BSP Male flat seat with guide

Macho soldable BSP asiento plano con guía

Schweiß-Außengewinde flachdichtend BSP

Mâle gaz BSP fond plat à souder avec guide



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSP	1/4"	**Z103304**	-
3/8" BSP	3/8"	**Z103306**	-
1/2" BSP	1/2"	**Z103308**	-
3/4" BSP	3/4"	**Z103312**	-
1" BSP	1"	**Z103316**	-
1"1/4 BSP	1"1/4	**Z103320**	-
1"1/2 BSP	1"1/2	**Z103324**	-
2" BSP	2"	**Z103332**	-

Welding male BSP 60° union

Empalme liso soldable macho BSP 60°

Anschweißnippel BSP 60°

Embout mâle lisse à souder BSP cône 60°



ROSCA THREAD	DN	Referencia Part n°	€
1/8" BSP	1/8"	**Z129002**	-
1/4" BSP	1/4"	**Z129004**	-
3/8" BSP	3/8"	**Z129006**	-
1/2" BSP	1/2"	**Z129008**	-
3/4" BSP	3/4"	**Z129012**	-
1" BSP	1"	**Z129016**	-
1"1/4 BSP	1"1/4	**Z129020**	-
1"1/2 BSP	1"1/2	**Z129024**	-
2" BSP	2"	**Z129032**	-

Welding BSPT Male 60° with guide

Macho soldable BSPT cono 60° con guía

Schweiß-Außengewinde BSPT mit AG

Mâle gaz conique à souder 60° avec guide



ROSCA THREAD	DN	Referencia Part n°	€
1/4" BSPT	1/4"	**Z103204**	-
3/8" BSPT	3/8"	**Z103206**	-
1/2" BSPT	1/2"	**Z103208**	-
3/4" BSPT	3/4"	**Z103212**	-
1" BSPT	1"	**Z103216**	-
1"1/4 BSPT	1"1/4	**Z103220**	-
1"1/2 BSPT	1"1/2	**Z103224**	-
2" BSPT	2"	**Z103232**	-

Welding fittings

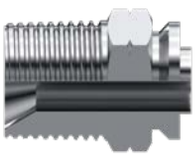
Racores soldables
Schweißverschraubungen
Embouts à souder

Welding NPT Male 60° with guide

Macho soldable NPT cono 60° con guía

Schweiß-Außengewinde NPT mit AG

Mâle NPT à souder 60° avec guide



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**	-

Welding BSP 60° swept with guide

Hembra giratoria prensada soldable BSP 60° con guía

Schweiß-Dichtkopf mit Ü-Mutter BSP mit AG

Femelle tournante BSP 60° à souder avec guide



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**	-

Welding BSP 60° swept 90°

Hembra giratoria 90° prensada soldable BSP 60°

Schweiß-Dichtkopf 90° mit Ü-Mutter BSP 60°

Femelle tournante à souder 90° BSP cône 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**	-

Welding BSP 60° swept 45°

Hembra giratoria 45° prensada soldable BSP 60°

Schweiß-Dichtkopf 45° mit Ü-Mutter BSP 60°

Femelle tournante à souder 45° BSP cône 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**	-

Welding BSP flat seat swept with guide

Hembra giratoria prensada soldable BSP asiento plano con guía

Schweiß-Dichtkopf BSP flachdichtend

Femelle tournante BSP fond plat à souder avec guide



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**	-

Welding BSP Female 90° flat seat swept

Hembra giratoria 90° prensada soldable BSP asiento plano

Schweiß-Dichtkopf 90° BSP flachdichtend

Femelle tournante à souder 90° BSP fond plat



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**	-

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Welding BSP Female 45° flat seat swept

Hembra giratoria 45° prensada soldable BSP asiento plano
Schweiß-Dichtkopf 45° mit Ü-Mutter BSP flachdichtend
Femelle tournante à souder 45° BSP fond plat



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**	-

Welding JIC female 37° swept with guide

Hembra giratoria prensada soldable JIC 37° con guía
Schweiß-Dichtkopf mit Ü-Mutter JIC 37° mit AG
Femelle tournante JIC 37° à souder avec guide



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**	-

Welding fixed male JIC 37° with guide

Macho soldable JIC 37° con guía
Schweiß-Außengewinde JIC 37° mit AG
Mâle à souder JIC 37° avec guide



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**	-

Welding 90° JIC Female 37° swept

Hembra giratoria 90° prensada soldable JIC 37°
Schweiß-Dichtkopf 90° mit Ü-Mutter JIC 37°
Femelle tournante à souder 90° JIC 37°



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**	-

Welding 45° JIC Female 37° swept

Hembra giratoria 45° prensada soldable JIC 37°
Schweiß-Dichtkopf 45° mit Ü-Mutter JIC 37°
Femelle tournante à souder 45° JIC 37°



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**	-

Welding JIC female 37° swept with guide double hexagon

Hembra giratoria prensada soldable JIC 37° con guía doble hexágono
Schweiß-Dichtkopf mit Ü-Mutter JIC 37° mit AG D/S
Femelle tournante JIC 37° à souder avec guide double hex.



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**	-

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

DIN nut

Tuercas Métricas

Metr. Muttern - M DIN

Écrou 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**	-

Welding metal cone nipple

Boquilla para soldar cono metal

Schweißkegel Metallkonus

Raccord collet cône métallique à souder



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**	-

If you want the item with o'ring, please see page 118 / *En caso de querer la pieza con junta, ver pág. 118* / Im Fall des Bedarfs des Artikels mit Dichtung vgl. Sie bitte S. 118 / *Si vous voulez la pièce avec le joint, voir page 118*

Welding metric standpipe

Espiga lisa métrica recta

Metr. Schweißstutzen glatt

Embout lisse métrique à souder



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**	-

Welding metric standpipe 90°

Espiga lisa métrica 90°

Metr. Schweißstutzen 90° glatt

Embout lisse métrique 90° à souder



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**	-

Welding metric standpipe 45°

Espiga lisa métrica 45°

Metr. Schweißstutzen 45° glatt

Embout lisse métrique 45° à souder



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**	-

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Weldable metrical swivel female 90°

Hembra giratoria 90° soldable métrica

Dichtkopf mit Ü-Mutter 90° metr. schweißbar

Femelle tournante 90° métrique à souder



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**	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Weldable metrical swivel female 90° without o´ring

Hembra giratoria 90° soldable métrica sin junta

Dichtkopf mit Ü-Mutter 90° metr. schweißbar ohne Dichtung

Femelle tournante 90° métrique à souder sans joint



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**	-

Weldable metrical swivel female 45°

Hembra giratoria 45° soldable métrica

Dichtkopf mit Ü-Mutter Bogen 45° metr. schweißbar

Femelle tournante 45° métrique à souder



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**	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Weldable metrical swivel female 45° without o´ring

Hembra giratoria 45° soldable métrica sin junta

Dichtkopf mit Ü-Mutter Bogen 45° metr. schweißbar ohne Dichtung

Femelle tournante 45° métrique à souder sans joint



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**	-

Welding DIN Male

Macho soldable Métrico

Schweiß-Außengewinde metr.

Male métrique à souder



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**	-

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Micro-casting BSP nuts AISI-316

Tuercas BSP Microfundido AISI-316

Muttern BSP Mikroguss AISI-316

Écrous BSP en acier moulé AISI-316



ROSCA THREAD	Referencia Part n°	€
2" 1/2 BSP	**Z127040**	-
3" BSP	**Z127048**	-
4" BSP	**Z127064**	-

Micro-casting BSPT welding male AISI-316

Macho BSPT soldar microfundido AISI-316

Außengewinde BSPT schweißbar Mikroguss AISI-316

Mâle BSPT à souder en acier moulé AISI-316



DN	ROSCA THREAD	Referencia Part n°	€
2"1/2	2"1/2 BSPT	**ZM103240**	-
3"	3" BSPT	**ZM103248**	-
4"	4" BSPT	**ZM103264**	-

Welding nipple with 60° cone for BSP nut with guide

Cono ajuste BSP 60° con guía

Schweißnippel DK 60 Dichtkegel 60° mit AG

Collet à souder BSP cône 60° avec guide



DN	ROSCA THREAD	Referencia Part n°	€
2"1/2	2"1/2 BSP	**Z127840**	-
3"	3" BSP	**Z127848**	-
4"	4" BSP	**Z127864**	-

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

BSP Nut for welding 60° cone nipple

Tuerca cono ajuste BSP

Ü-Mutter BSP für DK

Écrou gaz pour collet à souder



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**	-

Welding nipple BSP 60°

Cono ajuste BSP 60°

Schweißnippel DK 60 Dichtkegel 60°

Collet à souder BSP cône 60°



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**	-

Welding nipple BSP flat seat

Cono ajuste BSP asiento plano

Schweißnippel DK 60 Dichtkegel 60° flachdichtend

Collet à souder BSP fond plat



ROSCA THREAD	Ø EXT. Ø OUTER	Referencia Part n°	€
1"1/4 BSP	33	**Z127420**	-
1"1/4 BSP	33	**Z127920**	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Z127920 with guide / *Z127920 con guia.* / Z127920 mit Außengewinde / *Z127920 avec guide.*

Welding nipple for JIC 37° with guide

Cono ajuste JIC 37° con guía

Schweißnippel JIC 37° mit AG

Collet à souder femelle JIC cône 37° avec guide



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**	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

JIC nut

Tuercas JIC

Muttern JIC - M JIC

Écrou 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**	-

)

-On request / Consultar **/ Auf Anfrage /** Sur demande

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Union 3 fem. welding pieces fig.340hs micro-casting

Unión 3 piezas hembra-soldar FIG.340HS microfundido

3-teilige Schweißverschr. w FIG. 340hs Mikroguss

Union 3 pcs fem. à souder fig.340hs inox acier moulé



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	-

Union 3 welding male pieces fig.341ms micro-casting

Unión 3 piezas macho-soldar FIG.341MS microfundido

3-teilige Schweißverschr. m FIG. 341ms Mikroguss

Union 3 pcs mâle à souder fig.341ms inox acier moulé



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	-

Union 3 welding pieces fig. 340s micro-casting

Unión 3 piezas soldar FIG.340S microfundido

3-teilige Schweißverschr. FIG. 340s Mikroguss

Union 3 pièces à souder fig. 340s inox acier moulé



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	-

-On request / Consultar **/ Auf Anfrage /** Sur demande

Welding flanges

Bridas soldables
Schweißflansche
Brides à souder

Welding forged flange DIN 2633 PN 10/16

Brida fija soldable PN10/16 DIN 2633

Vorschweißflansch DIN 2633 PN 10/16

Bride fixe à souder DIN 2633 PN10/16



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**	-

Welding forged flange DIN 2635 PN 40

Brida fija soldable PN40 DIN 2635

Vorschweißflansch DIN 2635 PN 40

Bride fixe à souder 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**	-

***Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

Flange ANSI-ASA Welding Neck 150 LBS

Brida fija ANSI-ASA 150 LBS

Flansch ANSI-ASA W.NECK 150 LBS

Bride ANSI-ASA Welding Neck 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**	-

FLANGE ANSI-ASA Welding Neck 300 LBS

Brida fija ANSI-ASA 350 LBS

Flansch ANSI-ASA W.NECK 300 LBS

Bride ANSI-ASA Welding Neck 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**	-

Welding flanges

Bridas soldables
Schweißflansche
Brides à souder

Welding forged slip on flange DIN 2642 PN 10

Brida loca PN10 DIN 2642

Vorschweißflansch DIN 2642 PN 10

Bride tournante à souder 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**	-

Ring for flange DIN 2642

Aro para brida DIN 2642

Ring für Flansche DIN 2642

Collet épais pour bride 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**	-

Tube for welding flanges ANSI-DIN

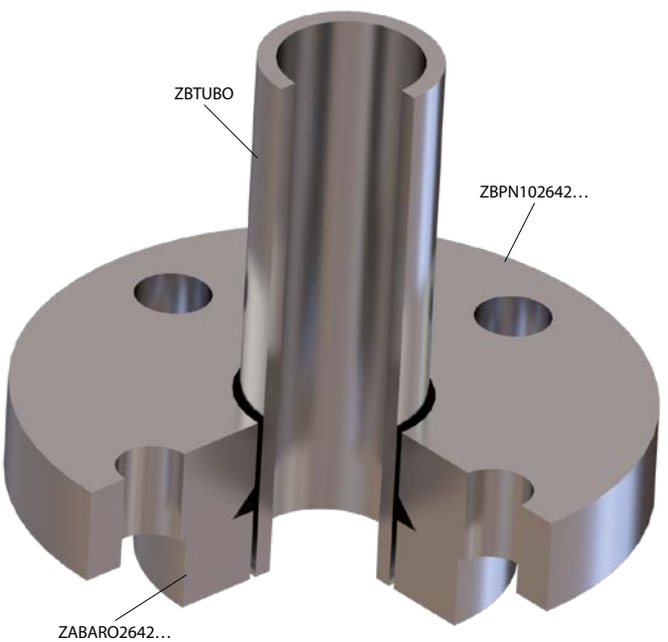
Tubo para soldar bridas ANSI-DIN

Rohr für Schweißflansche ANSI-DIN

Tube à souder brides 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**	-



Welding flanges

Bridas soldables
Schweißflansche
Brides à souder

Welding forged flange DIN 2656 PN 40

Brida plana PN40 DIN 2656

Vorschweißflansch DIN 2656 PN 40



Bride tournante à souder 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**	-

Ring for flange DIN 2656

Aro para brida DIN 2656

Ring für Flansche DIN 2656



Collet épais pour bride 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**	-

Tube for welding flanges ANSI-DIN

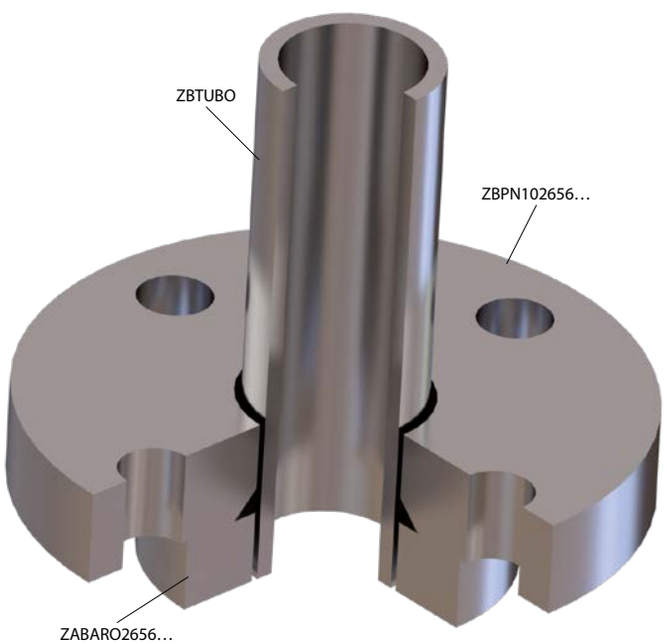
Tubo para soldar bridas ANSI-DIN

Rohr für Schweißflansche ANSI-DIN



Tube à souder brides 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**	-



Welding flanges

Bridas soldables
Schweißflansche
Brides à souder

Swivel flange ANSI-ASA 150 LBS

Brida plana ANSI-ASA 150 LBS

Flansch ANSI-ASA 150 LBS

Bride tournante 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	-

Swivel flange ANSI-ASA 300 LBS

Brida plana ANSI-ASA 300 LBS

Flansch ANSI-ASA 300 LBS

Bride tournante 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	-

Ring for flange ANSI-ASA

Aro para brida ANSI-ASA

Ring für Flansche ANSI-ASA

Collet épais pour bride 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	-

Tube for welding flanges ANSI-DIN

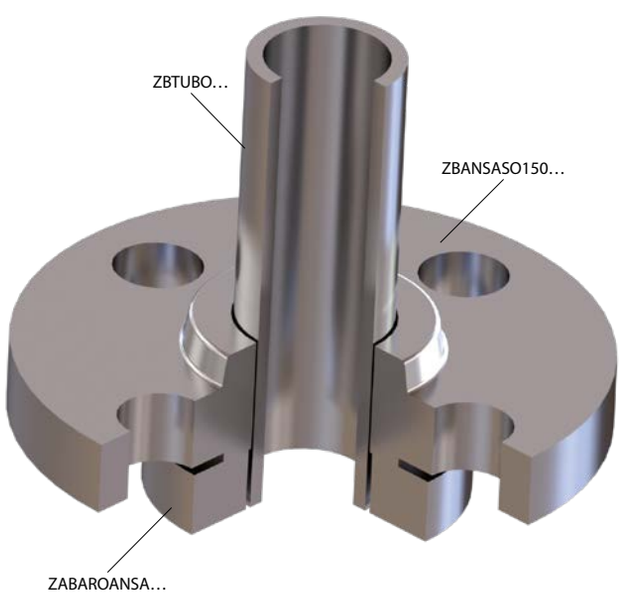
Tubo para soldar bridas ANSI-DIN

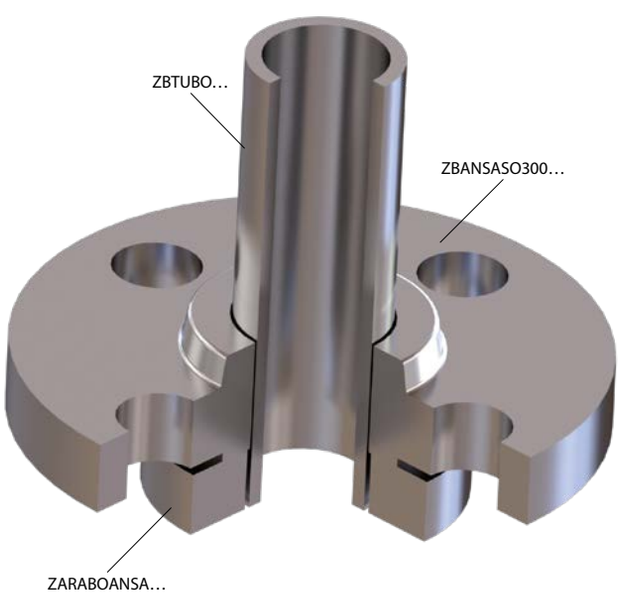
Rohr für Schweißflansche ANSI-DIN

Tube à souder brides 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	-





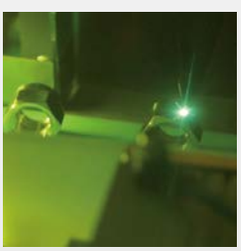
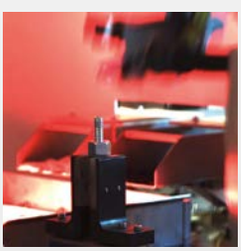
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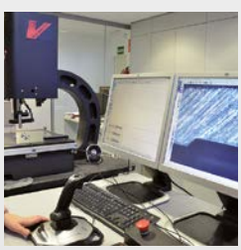
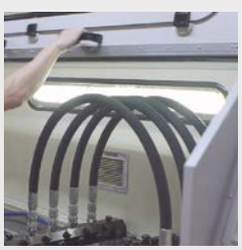
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06

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ZA..NPT


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ZF..NPT

Serie Autolock AISI 316

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Kupplungen TW (Tankwagen) DIN 28450
Raccords TW (Tankwagen) DIN 28450

TW Stainless Steel ▪ TW (Tankwagen) inox ▪ TW Edelstahl ▪ TW acier inox | 227


ZMK


ZVK


ZMB


ZVB


ZMKS


ZVKS

Stainless Steel accessories for industrial fitting

Accesorios inox para racor industrial
Edelstahl-Zubehör für Industriekupplungen
Accessoires acier inox pour raccord industriel

Stainless Steel Crimping Ferrule for industrial fitting ▪ Campana inox para racor industrial ▪ Edelstahl-Hülse für Industriekupplungen ▪ Jupe pour raccord industriel acier inox 228


ZCA

Stainless Steel clamp for industrial fitting ▪ Abrazadera inox para racor industrial ▪ Edelstahl-Schelle für Industriekupplung ▪ Collier pour raccord industriel acier inox 228


ZAB01


ZAB02

Screw low pressure fittings 150 LBS

Racores baja presión 150 LBS
Niederdruck-Armaturen 150 lbs
Raccords basse pression 150 LBS

Screwed fittings low pressure 150 LBS ▪ 150 LBS Microfundido ▪ Niederdruck-Armaturen150 lbs ▪ Adapteurs basse pression 150 LBS 229


ZFIG399


ZFIG150


ZFIG290


ZFIG280


ZFIG245


ZFIG312


ZFIG300


ZFIG270


ZFIG291


ZFIG301


ZFIG241


ZFIG531


ZFIG240


ZFIG090


ZFIG120


ZFIG092


ZFIG130


ZFIG180


ZFIG340


ZFIG341


ZFIG149

Welding fittings low pressure 150 LBS ▪ 150 LBS Soldables ▪ Niederdruck-Schweißarmaturen 150 LBS ▪ Raccords à souder basse pression 150 LBS 232


ZFIG340...HS


ZFIG340...S


ZFIG341...MS

150 LBS fittings Valves ▪ 150 LBS Válvulas ▪ 150 LBS-Armaturen-Ventile ▪ Raccords Vannes150 LBS 233


BP2V3P


BP2V

Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Food industry hoses ferrules

Casquillos para mangueras alimentarias

Pressfassungen für Lebensmittelschläuche

Jupes à sertir tuyaux alimentaires



DN	Ø MANGUERA Ø HOSE	Referencia Part n°	€
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.

Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Swivel female SMS

Hembras giratorias SMS
Dichtkopf mit Ü-Mutter SMS
Raccord femelle tournante 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**	-

Fixed male SMS

Machos fijos SMS
Außengewinde SMS
Raccord mâle 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**	-

Nuts SMS

Tuercas SMS
Muttern SMS
Écrou 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**	-

Liner to weld SMS

Conos soldables SMS
Schweißkegel SMS
Douilles à souder 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**	-

Weld male SMS

Machos soldables SMS
Schweiß-Außengewinde SMS
Nez à souder 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**	-

Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Blind round nut SMS

Tapones SMS

Blindrundmutter SMS

Ecrou Bouchon Avec Chainette



DN	ROSCA THREAD	Referencia Part n°	€
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**	-

Silicone joint for SMS

Junta SMS silicona

Silikon-Dichtring SMS

Joint silicône pour SMS



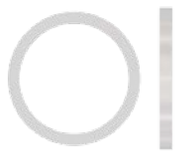
DN	Referencia Part n°	€
25	**JSMSS 25**	-
32	**JSMSS 32**	-
38	**JSMSS 38**	-
51	**JSMSS 51**	-
63	**JSMSS 63**	-
76	**JSMSS 76**	-
104	**JSMSS 104**	-

PTFE Joint for SMS

Juntas SMS PTFE

PTFE-Dichtringe SMS

Joint PTFE pour SMS



DN	Referencia Part n°	€
25	**JSMSP 25**	-
32	**JSMSP 32**	-
38	**JSMSP 38**	-
51	**JSMSP 51**	-
63	**JSMSP 63**	-
76	**JSMSP 76**	-

Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Tri-Clamp ISO 2852

Tri-Clamp ISO 2852

Spannringkupplung TRI-CLAMP ISO 2852

Raccord Tri-Clamp ISO 2852



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	-

Welding Tri-Clamp for pipe

Tri-Clamp para soldar en tubo

TRI-CLAMP zum Rohr-Schweißen

Raccord Tri-Clamp à souder pour tube



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	-

Joint for silicone clamp

Juntas para Clamp Silicona

Dichtring für Schelle Silikon

Joint pour clamp silicône



Ø	Referencia Part n°	€
25	JCLAMPS 25	-
34	JCLAMPS 34	-
50	JCLAMPS 50	-
64	JCLAMPS 64	-
77	JCLAMPS 77	-
91	JCLAMPS 91	-

Joint for PTFE clamp

Juntas para Clamp PTFE

Dichtring für Schelle PTFE

Joint pour clamp PTFE



Ø	Referencia Part n°	€
25	JCLAMPP 25	-
34	JCLAMPP 34	-
50	JCLAMPP 50	-
64	JCLAMPP 64	-
77	JCLAMPP 77	-
91	JCLAMPP 91	-

Tri-Clamp with 1 pin

Abrazaderas Tri-clamp con 1 pin

TRI-CLAMP mit 1 pin

Collier Tri-Clamp avec 1 pin



Ø	Referencia Part n°	€
25	ZAC1P25	-
34	ZAC1P34	-
50	ZAC1P50	-
64	ZAC1P64	-
77	ZAC1P77	-
91	ZAC1P91	-

Tri-Clamp cover

Tri-Clamp Tapa

TRI-CLAMP Deckel

Tri-Clamp Couvercle



Ø	Referencia Part n°	€
25	ZPC25	-
34	ZPC34	-
50.5	ZPC50	-
64	ZPC64	-
77.5	ZPC77	-
91	ZPC91	-

Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Swivel female DIN 11851

Hembras giratorias DIN 11851

Dichtkopf mit Ü-Mutter DIN 11851

Raccord femelle tournante 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**	-

Fixed male DIN 11851

Machos fijos DIN 11851

Außengewinde DIN 11851 fest

Raccord mâle 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**	-

Nuts DIN 11851

Tuercas DIN 11851

Muttern DIN 11851

Écrous 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**	-

DIN 11851 Blind round nut

Tapones DIN 11851

DIN 11851 Blindrundmutter

DIN 11851 Ecrou Bouchon Avec Chainette



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**	-

Liner to weld DIN 11851

Conos soldables DIN 11851

Schweißkegel DIN 11851

Douilles à souder 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**	-

Weld male DIN 11851

Machos soldables DIN 11851

Schweiß-Außengewinde DIN 11851

Nez à souder 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**	-

Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Silicone joint for DIN 11851

Juntas DIN 11851 silicona

Silikon-Dichtring DIN 11851

Joint silicône pour 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	-

PTFE Joint for DIN 11851

Juntas DIN 11851 PTFE

PTFE-Dichtring DIN 11851

Joint PTFE pour 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	-

Swivel female Macon

Hembras giratorias Macon

Dichtkopf mit Ü-Mutter MACON

Raccord femelle tournante 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	-

Male fixe Macon

Machos fijos Macon

Außengewinde MACON

Raccord mâle fixe 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	-

Macon nuts

Tuercas Macon

Muttern MACON (AISI 316)

Écrous à crans 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	-

*On request / Consultar / Auf Anfrage / Sur demande

Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Swivel female SMS for PTFE STD Series

Hembras giratorias prensar SMS para PTFE Serie STD

Dichtkopf mit Ü-Mutter SMS für PTFE Serie STD

Femelle tournante SMS pour PTFE Série 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**	-

Swivel female DIN 11851 for PTFE hose STD Series

Hembras giratorias DIN 11851 para PTFE Serie STD

Dichtkopf DIN 11851 für 6 kt-Nippel SMS für PTFE hose Serie STD

Raccord femelle tournante DIN 11851 pour PTFE Série 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**	-

Fixed male SMS for PTFE hose STD Series

Machos SMS para PTFE Serie STD

Außengewinde SMS für PTFE Serie STD

Raccord mâle SMS pour PTFE Série STD



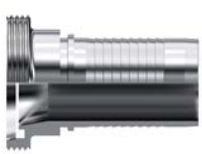
ROSCA THREAD	DN	Referencia Part n°	€
40x1/6"	1"	**ZRA2524016**	-
48x1/6"	1" 1/4	**ZRA2524820**	-
60x1/6"	1" 1/2	**ZRA2526024**	-
70x1/6"	2"	**ZRA2527032**	-
85x1/6"	2" 1/2	**ZRA2528540**	-

Fixed male DIN 11851 for PTFE hose STD Series

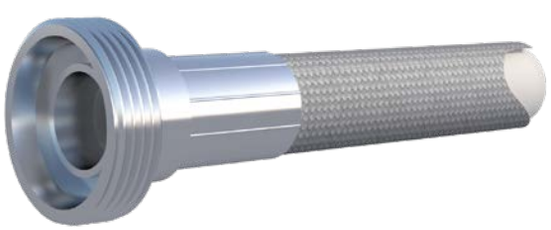
Machos DIN 11851 para PTFE Serie STD

Außengewinde SMS DIN 11851 für PTFE Serie STD

Raccord mâle DIN 11851 pour PTFE Série 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**	-

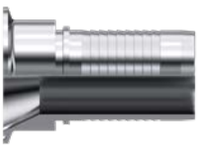


Tri-Clamp Fittings STD Series

Racores Tri-Clamp Serie STD

Dichtkopf TRI-CLAMP Serie STD

Raccords Tri-Clamp Série 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**	-

Ferrules for smooth PTFE

Casquillos PTFE liso

Pressfassungen für PTFE-Glattschläuche

Jupes PTFE lisse



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**	-

Ferrules for convoluted PTFE

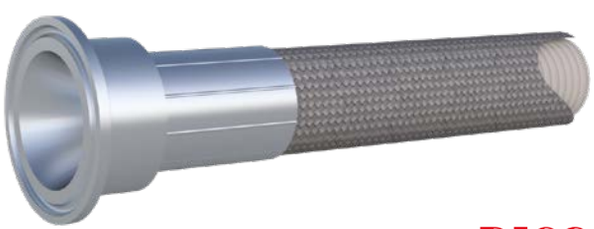
Casquillos PTFE corrugado

Pressfassungen für PTFE-Wellschläuche mit Umfl.

Jupes PTFE convoluté



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**	-



Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

RJT Nuts - 304

NEW

Tuercas RJT - 304
RJT-Muttern -304
Écrous 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
Geschweißter Liner RJT
Revêtement soudé 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	-

RJT Male

NEW

Macho RJT
RJT-Stecker
RJT Mâle



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	-

NBR RJT Gasket

NEW

Junta NBR RJT
NBR RJT-Dichtung
Joint 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)

***On request** / Consultar / **Auf Anfrage** / Sur demande

DIN 2828 Camlock Fittings

Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

Male Camlock coupling, female BSP threaded Type A

Camlock macho - rosca hembra BSP Tipo A

Kupplung BSP Typ A

Adapteur mâle Camlock- filetage femelle BSP Type 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**	-

Female Camlock coupling, male BSPT threaded Type B

Camlock hembra - rosca macho BSPT Tipo B

Kupplung BSPT TYP B

Adapteur Camlock femelle - filetage mâle BSPT Type 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**	-

Female Camlock coupling with serrated hose shank Type C

Camlock hembra - para manguera Tipo C

Schlauch-Kupplung TYP C

Coupleur Camlock femelle - pour tuyau Type 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**	-

Female Camlock coupling, female BSP threaded Tipe D

Camlock hembra - rosca hembra BSP Tipo D

Kupplung BSP TYP D

Adapteur Camlock femelle BSP Type 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**	-

Male Camlock coupling, with serrated hose shank Type E

Camlock macho - para manguera Tipo E

Schlauch-Kupplung TYP E

Coupleur Camlock mâle Type 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**	-

Male Camlock coupling, male BSPT threaded Type F

Camlock macho - rosca macho BSPT Tipo F

Kupplung BSPT TYP F

Adapteur Camlock mâle BSPT Type 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**	-

DIN 2828 Camlock Fittings

Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

Female Camlock Coupling-Dust caps Type DC

Camlock hembra - tapón Tipo DC

Verschluss TYP DC

Bouchon Camlock femelle Type DC



DN	Referencia Part n°	€
12	ZDC012	-
20	ZDC020	-
25	ZDC025	-
32	ZDC032	-
40	ZDC040	-
50	ZDC050	-
65	ZDC065	-
80	ZDC080	-
100	ZDC100	-

Male Camlock coupling-Dust plugs Type DP

Camlock macho - tapón tipo DP

Verschluss TYP DP

Bouchon Camlock mâle Type DP



DN	Referencia Part n°	€
12	ZDP012	-
20	ZDP020	-
25	ZDP025	-
32	ZDP032	-
40	ZDP040	-
50	ZDP050	-
65	ZDP065	-
80	ZDP080	-
100	ZDP100	-

Camlock NBR Seal

Junta Camlock NBR

NBR-Dichtringe für CAMLOCK

Joint Camlock NBR



DN	Referencia Part n°	€
12	JCAMNBR012	-
20	JCAMNBR020	-
25	JCAMNBR025	-
32	JCAMNBR032	-
40	JCAMNBR040	-
50	JCAMNBR050	-
65	JCAMNBR065	-
80	JCAMNBR080	-
100	JCAMNBR100	-

Camlock male - weldable BW

Camlock macho - soldable BW

Adapteur Camlock mâle à souder 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 female - weldable BW

Camlock hembra - soldable BW

Kupplung - schweißbar BW

Adapteur Camlock femelle à souder BW



TUBO PIPE	Referencia Part n°	€
21.3	ZDBW012	-
26.9	ZDBW020	-
33.7	ZDBW025	-
42.4	ZDBW032	-
48.3	ZDBW040	-
60.3	ZDBW050	-

Camlock silicone seal

Junta Camlock silicona

Silikon-Dichtring CAMLOCK

Joint Camlock silicône



DN	Referencia Part n°	€
12	JCAMS012	-
20	JCAMS020	-
25	JCAMS025	-
32	JCAMS032	-
40	JCAMS040	-
50	JCAMS050	-
65	JCAMS065	-
80	JCAMS080	-
100	JCAMS100	-

DIN 2828 Camlock Fittings

Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

Male Camlock coupling, female NPT threaded Type A

Camlock macho - rosca hembra NPT Tipo A

Kupplung NPT Typ A

Adapteur Camlock mâle - filetage femelle NPT Type A



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	**ZA012NPT**	-
20	3/4"	**ZA020NPT**	-
25	1"	**ZA025NPT**	-
32	1" 1/4	**ZA032NPT**	-
40	1" 1/2	**ZA040NPT**	-
50	2"	**ZA050NPT**	-
65	2" 1/2	**ZA065NPT**	-
80	3"	**ZA080NPT**	-
100	4"	**ZA100NPT**	-

Female Camlock Coupling, female NPT threaded Type D

Camlock hembra - rosca hembra NPT Tipo D

Kupplung NPT Typ D

Adapteur Camlock femelle NPT Type D



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	**ZD012NPT**	-
20	3/4"	**ZD020NPT**	-
25	1"	**ZD025NPT**	-
32	1" 1/4	**ZD032NPT**	-
40	1" 1/2	**ZD040NPT**	-
50	2"	**ZD050NPT**	-
65	2" 1/2	**ZD065NPT**	-
80	3"	**ZD080NPT**	-
100	4"	**ZD100NPT**	-

Female CamlockCoupling, male NPT threaded Type B

Camlock hembra - rosca macho NPT Tipo B

Kupplung NPT Typ B

Adapteur Camlock femelle - filetage mâle NPT Type B



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	**ZB012NPT**	-
20	3/4"	**ZB020NPT**	-
25	1"	**ZB025NPT**	-
32	1" 1/4	**ZB032NPT**	-
40	1" 1/2	**ZB040NPT**	-
50	2"	**ZB050NPT**	-
65	2" 1/2	**ZB065NPT**	-
80	3"	**ZB080NPT**	-
100	4"	**ZB100NPT**	-

Male Camlock coupling, male NPT threaded Type F

Camlock macho - rosca macho NPT Tipo F

Kupplung NPT Typ F

Adapteur Camlock mâle NPT Type F



DN	ROSCA THREAD	Referencia Part n°	€
12	1/2"	**ZF012NPT**	-
20	3/4"	**ZF020NPT**	-
25	1"	**ZF025NPT**	-
32	1" 1/4	**ZF032NPT**	-
40	1" 1/2	**ZF040NPT**	-
50	2"	**ZF050NPT**	-
65	2" 1/2	**ZF065NPT**	-
80	3"	**ZF080NPT**	-
100	4"	**ZF100NPT**	-

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

DIN 2828 Camlock Fittings

Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

Autolock, female, BSP male threaded Type B

Autolock hembra - rosca macho BSP Tipo B

Autolock Sicherheit TYP B

Autolock femelle - filetage mâle BSP Type B



DN	ROSCA THREAD	Referencia Part n°	€
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, female, BSP female threaded Type D

Autolock hembra - rosca hembra BSP Tipo D

Autolock Sicherheit TYP D

Autolock femelle - filetage femelle BSP Type D



DN	ROSCA THREAD	Referencia Part n°	€
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**	-

Autolock, female, with serrated hose shank Type C

Autolock hembra - para manguera Tipo C

Autolock Sicherheit TYP C

Autolock femelle - pour tuyau Type C



DN	ROSCA THREAD	Referencia Part n°	€
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, female, DC type dust cap

Autolock hembra - tapón Tipo DC

Autolock Sicherheit TYP DC

Autolock femelle - bouchon Type DC



DN	Referencia Part n°	€
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

GUILLEMIN NF E-29572 Fittings

Acoples GUILLEMIN NF E-29572
Kupplungen GUILLEMIN NF E-29572
Raccords GUILLEMIN NF E-29572

GUILLEMIN S.S. with closure-BSP Female thread

GUILLEMIN con cierre-rosca hembra BSP

GUILLEMIN Innengewinde BSP mit Verschluss

GUILLEMIN Inox avec fermeture-Filetage Femelle 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**	-
80	3"	**ZGU01C080**	-
100	4"	**ZGU01C100**	-

GUILLEMIN S.S. without closure-BSP Female thread

GUILLEMIN sin cierre-rosca hembra BSP

GUILLEMIN Innengewinde BSP ohne Verschluss

GUILLEMIN Inox sans fermeture-Filetage Femelle 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 S.S. with closure-BSP Male thread

GUILLEMIN con cierre-rosca macho BSP

GUILLEMIN Außengewinde BSP mit Verschluss

GUILLEMIN Inox avec fermeture-Filetage Mâle 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**	-
80	3"	**ZGU02C080**	-
100	4"	**ZGU02C100**	-

GUILLEMIN S.S. without closure-BSP Male thread

GUILLEMIN sin cierre-rosca macho BSP

GUILLEMIN Außengewinde BSP ohne Verschluss

GUILLEMIN Inox sans fermeture-Filetage Mâle 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 S.S. with closure-Plug

GUILLEMIN con cierre-tapón

GUILLEMIN Verschlussstopfen mit Verschluss

GUILLEMIN Inox avec fermeture-Bouchon



DN	Referencia Part n°	€
20	**ZGU04C020**	-
25	**ZGU04C025**	-
32	**ZGU04C032**	-
40	**ZGU04C040**	-
50	**ZGU04C050**	-
65	**ZGU04C065**	-
80	**ZGU04C080**	-
100	**ZGU04C100**	-

GUILLEMIN S.S. with closure-Reducer

GUILLEMIN con cierre-reductor

GUILLEMIN Reduzierstück mit Verschluss

GUILLEMIN Inox avec fermeture-Réduction



DN		Referencia Part n°	€
40-32		**ZGU03C040032**	-
50-32	NEW	**ZGU03C050032**	-
50-40		**ZGU03C050040**	-
65-50		**ZGU03C065050**	-
80-65		**ZGU03C080065**	-
100-80		**ZGU03C100080**	-

GUILLEMIN NF E-29572 Fittings

Acoples GUILLEMIN NF E-29572
Kupplungen GUILLEMIN NF E-29572
Raccords GUILLEMIN NF E-29572

GUILLEMIN S.S. with closure-For hose

GUILLEMIN con cierre-para manguera

GUILLEMIN Für Schlauch mit Verschluss

GUILLEMIN Inox avec fermeture-Pour tuyau



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 S.S. with closure-Welding

GUILLEMIN con cierre-soldable

GUILLEMIN Schweißarmaturen mit Verschluss

GUILLEMIN Inox avec fermeture-À souder



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

TW (Tankwagen) DIN 28450 Fittings

Acoples TW (Tankwagen) DIN 28450
Kupplungen TW (Tankwagen) DIN 28450
Raccords TW (Tankwagen) DIN 28450

TW BSP Female thread - female coupling

TW rosca hembra BSP - acople hembra

TW Innengewinde BSP - Innengewinde Kupplung

TW Filetage Femelle BSP - accouplement Femelle



DN	Referencia Part n°	€
2"	**ZMK05032**	-
3"	**ZMK08048**	-
4"	**ZMK10064**	-

TW BSP Female thread - male coupling

TW rosca hembra BSP - acople macho

TW Innengewinde BSP - Außengewinde Kupplung

TW Filetage Femelle BSP - accouplement Mâle



DN	Ø	Referencia Part n°	€
2"	70.5	**ZVK05032**	-
3"	102	**ZVK08048**	-
4"	128	**ZVK10064**	-

TW cap coupling

TW tapón - acople hembra

TW Verschlusskupplung w

TW Bouchon - accouplement Femelle



DN	Referencia Part n°	€
2"	**ZMB050**	-
3"	**ZMB080**	-
4"	**ZMB100**	-

TW Plug - male coupling

TW tapón - acople macho

TW Verschlusskupplung m

TW Bouchon - accouplement Mâle



DN	Ø	Referencia Part n°	€
2"	70.5	**ZVB050**	-
3"	102	**ZVB080**	-
4"	128	**ZVB100**	-

TW Female coupling

TW acople hembra

TW Schweißarmaturen - Innengewinde-Kupplung

TW Accouplement Femelle



DN	Referencia Part n°	€
2"	**ZMKS050050**	-
3"	**ZMKS080080**	-

TW Male coupling

TW acople macho

TW-Kupplung m

TW Accouplement Mâle



DN	Referencia Part n°	€
2"	**ZVKS050050**	-
3"	**ZVKS080080**	-

Stainless Steel accessories for industrial fitting

Accesorios inox para racor industrial
Edelstahl-Zubehör für Industriekupplungen
Accessoires acier inox pour raccord industriel

Stainless Steel 304 Crimping Ferrule 45° closure

Campana inox 304 para racor industrial - cierre 45°

Edelstahl-Hülse 45° Verschluss 304

Jupe pour raccord industriel acier inox 304 -fermeture 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**	-

Stainless Steel clamp for industrial fitting EN14420-3

Abrazadera EN 14420-3 inox para racor industrial

Edelstahl-Schelle EN14420-3 für Industriekupplungen

Collier pour raccord industriel acier inox EN 14420-3



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**	-

Stainless steel high pressure clamp W4

Abrazadera alta presión W4 inox

Edelstahl-Hochdruck-Schelle W4 Stahl

Collier haute pression W4 acier inox.



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**	-

Screw low pressure fittings 150 LBS

Racores baja presión 150 LBS
Niederdruck-Armaturen 150 lbs
Raccords basse pression 150 LBS

Nipple fixed male fig.399

Macho fijo espiga FIG.399

Außengewinde Dichtkopf FIG.399 fest

Mâle fixe nipple fig. 399 inox



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	-

Union male-male fig.150

Unión macho-macho FIG.150

Gerade Verschraubung Fig. 150

Union mâle-mâle fig.150 inox



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	-

Hexagon male plug FIG.290

Tapón macho hexagonal FIG.290

6 kt Stopfen Fig. 290

Bouchon mâle 150 LBS tête hexagonale FIG.290



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	-

Hexagon nipple FIG.280

Adaptador hexagonal FIG.280

6 kt Doppelnippel fig. 280

Mamelon hexagonal 150 LBS FIG.280



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	-

Reducer male-male fig. 245

Reducción macho-macho FIG.245

Reduziernippel FIG.245

Réduction mâle-mâle fig. 245 inox



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	-
1" 1/2	1"	ZFIG2452416	-
1"1/2	1" 1/4	ZFIG2452420	-
2"	1" 1/4	ZFIG2453220	-
2"	1" 1/2	ZFIG2453224	-
2" 1/2	2"	ZFIG2454032	-
3"	2" 1/2	ZFIG2454840	-

Flat nut fig.312

Tuerca plana FIG.312

Flachmutter FIG. 312

Écrou plat fig.312 inox



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	-

Screw low pressure fittings 150 LBS

Racores baja presión 150 LBS
Niederdruck-Armaturen 150 lbs
Raccords basse pression 150 LBS

Hexagon female cap. FIG.300

Tapón hembra hexagonal FIG.300

6 kt Verschluss m. rd. fig. 300

Bouchon femelle hexagonal 150 LBS FIG.300



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	-

Round female cap. FIG.301

Tapón hembra redondo FIG.301

Verschluss Fig.301

Bouchon femelle ronde 150 LBS FIG.301



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	-

Until end of stock / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

BSP Female coupling DIN 2986 FIG.270

Adaptador hembra BSP DIN 2986 FIG.270

Muffen DIN 2986 Fig. 270

Manchon femelle gaz DIN 2986 150 LBS FIG.270



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	-

Male-female reducer FIG.241

Reductor macho-hembra FIG.241

Reduzierstück m-w Fig. 241

Réduction 150 LBS MG - FG FIG.241



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	-

Male square plug FIG.291

Tapón macho cuadrado FIG.291

4 kt Stopfen Fig.291

Bouchon mâle 150 LBS tête carrée FIG.291



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	-

Threaded pipe fig. 531

Tubo roscado FIG.531

Drehstutzen FIG. 531

Tube fileté fig. 531 inox



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	-

Screw low pressure fittings 150 LBS

Racores baja presión 150 LBS
Niederdruck-Armaturen 150 lbs
Raccords basse pression 150 LBS

Female-female Reducer socket FIG.240

Reducción hembra-hembra FIG.240

Weiblich-weiblich Reduktion Muffen Fig.240

Réduction Femelle-femelle 150 LBS FIG.240



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	-

Female-female elbow 90° FIG.090

Codo 90° hembra-hembra FIG.090

90° Winkel 150 lbs FIF. 090

Coude 90° 150 LBS femelle gaz FIG.090



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	-

Female-female elbow 45° FIG.120

Codo 45° hembra-hembra FIG.120

45° Winkel 150 lbs fig.120

Coude 45° 150 LBS FG - FG FIG.120



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	-

Male-female elbow 90° FIG.092

Codo 90° macho-hembra FIG.092

90° Bogen M - FIG. 092

Coude 90° 150 LBS MG - FG FIG.092



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	-

Female-female TEE FIG.130

TE hembra-hembra-hembra FIG.130

Weiblich-weiblich T-Stück 150 lbs FIG. 130

TÉS 150 LBS FG - FG - FG FIG.130



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	-

Threaded cross FIG.180

Cruz roscada FIG.180

Gewinde-Kreuzstück FIG. 180

Croix égale 150 LBS FG FIG.180



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	-

Screw low pressure fittings 150 LBS

Racores baja presión 150 LBS
Niederdruck-Armaturen 150 lbs
Raccords basse pression 150 LBS

Female-female FIG.340

Unión 3 piezas hembra-hembra FIG.340

3-teilige Verschraubung kon i/i 150 lbs FIG. 340

Union 3 pièces 150 LBS FG - FG FIG.340



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	-

Male-female union FIG.341

Unión 3 piezas macho-hembra FIG.341

3-teilige Verschraubung m - w Fig. 341

Union 3 pièces 150 LBS MG - FG FIG.341



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	-

Welding male fig.149

Macho soldar FIG.149

Schweiß-Außengewinde FIG.149

Mâle à souder fig.149 inox



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	-

Union 3 fem. welding pieces fig.340hs micro-casting

Unión 3 piezas hembra-soldar FIG.340HS microfundido

3-teilige Schweißverschr. w FIG. 340S Mikroguss

Union 3 pcs fem. à souder fig.340hs acier moulé



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	-

Union 3 welding pieces fig. 340s micro-casting

Unión 3 piezas soldar FIG.340S microfundido

3-teilige Schweißverschr. FIG. 340s Mikroguss

Union 3 pièces à souder fig. 340s acier moulé



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	-

Union 3 welding male pieces fig.341ms micro-casting

Unión 3 piezas macho-soldar FIG.341MS microfundido

3-teilige Schweißverschr. m FIG. 340ms Mikroguss

Union 3 pcs mâle à souder fig.341ms acier moulé



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	-

Screw low pressure fittings 150 LBS

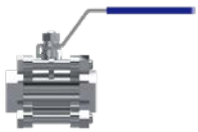
Racores baja presión 150 LBS
Niederdruck-Armaturen 150 lbs
Raccords basse pression 150 LBS

Ball-valve low pressure full bore 3 pcs

Válvula esfera paso total baja presión 3 piezas

Niederdruck-KH Voller Durchgang - 3 Teile

Robinet basse pression 2 voies boisseau sphérique passage total 3 pcs



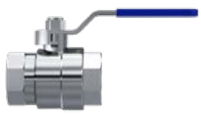
ROSCA THREAD	Referencia Part n°	€
1/4" BSP	**BP2V3P14INOX**	-
3/8" BSP	**BP2V3P38INOX**	-
1/2" BSP	**BP2V3P12INOX**	-
3/4" BSP	**BP2V3P34INOX**	-
1" BSP	**BP2V3P1INOX**	-
1" 1/4 BSP	**BP2V3P114INOX**	-
1" 1/2 BSP	**BP2V3P112INOX**	-
2" BSP	**BP2V3P2INOX**	-

Ball-valve low pressure full bore 64 Bar

Válvula esfera paso total baja presión 64 Bar

Niederdruck-KH Voller Durchgang - 64 bar

Robinet basse pression 2 voies boisseau sphérique passage total 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**	-

Quick couplings AISI 316 239
Enchufes rápidos AISI 316
SVK AISI 316
Coupleurs rapides AISI 316

Ball valves AISI 316 242
Llaves de paso AISI 316
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Swivel fittings AISI 316 TrΔle® 245
Racores giratorios AISI 316 TrΔle®
Edelstahl-Drehverschraubungen AISI 316 TrΔle®
Raccords tournants AISI 316 TrΔle®



07

ACCESSORIES

Accesorios

Zubehör

Accessoires

Quick couplings AISI 316

Enchufes rápidos AISI 316
SVK AISI 316
Coupleurs rapides AISI 316

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Z8001/Z8002


Z8201/Z8202


Z8008/Z8009


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ZB820


ZB800


ZB830


ZB801


ZB811


ZB900

Ball valves AISI 316

Llaves de paso AISI 316
Kugelhähne AISI 316
Robinets AISI 316

Ball valves ▪ Llaves de paso ▪ Kugelhähne ▪ Robinets | 242



MKH G MKH_L MKH_S MKH G_DN MKH_L_DN MKH_S_DN MK3A-G

2 ways TrΔle® ball valve ▪ Llave 2 vías TrΔle® ▪ 2-Wege-KH TrΔle® ▪ Robinet 2 voies TrΔle® | 244



ZGB2V ZGB2V NPT ZGB2V L ZGB2V S

3 ways TrΔle® ball valve ▪ Llave 3 vías TrΔle® ▪ 3-Wege-KH TrΔle® ▪ Robinet 3 voies TrΔle® | 244



ZGB3VH

Handles ▪ Manetas ▪ Handgriff ▪ Leviers | 244



Z60013

Swivel fittings AISI 316 TrΔle®

Racores giratorios AISI 316 TrΔle®
Edelstahl-Drehverschraubungen AISI 316 TrΔle®
Raccords tournants AISI 316 TrΔle®



Z GGL



Z GG90

Quick couplings AISI 316

Enchufes rápidos AISI 316

SVK AISI 316

Coupleurs rapides AISI 316

Quick coupling ISO 7241-B

Enchufes de punzón ISO 7241-B

SVK nach ISO 7241-B

Coupleurs rapides à clapet 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**	-

Quick coupling 7241-A

Enchufes de punzón 7241-A

SVK nach 7241-A

Coupleurs rapides à clapet 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**	-

Quick screw couplings ISO 14541

Enchufes autoroscantes ISO 14541

SV-Schraubkupplungen ISO 14541

Coupleur rapide à visser filetage 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**	-

Quick coupling free flow 7241-B

Enchufes paso total 7241-B

SVK 7241-B voller Durchgang

Coupleurs rapides passage total 7241-B



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**	-

Quick couplings AISI 316

Enchufes rápidos AISI 316
SVK AISI 316
Coupleurs rapides AISI 316

Flat face quick coupling ISO16028

Enchufes de válvula plana ISO16028

Flachdichtende Kupplungen

Coupleurs à clapet face plane 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**	-

Quick coupling ball type 700 bar connection u/pressure

Enchufes de bola 700 bar acoplamiento en presión

SVK, Kugeltyp, Hochdruck 700bar

Coupleurs rapides à bille 700 bar connexion sous pression



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**	-

Flat face screw couplings, connection u/pressure

Válvula plana autoroscante acoplamiento en presión

SV-Schraubkupplung flach

Coupleurs face plane à visser, connexion sous pression



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**	-

Quick couplings AISI 316

Enchufes rápidos AISI 316

SVK AISI 316

Coupleurs rapides AISI 316

TrΔle®

Quick couplings 7241-A TrΔle®

Enchufes TrΔle® 7241-A

SVK 7241-A TrΔle®

Coupleurs 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**	-

Quick couplings 7241-B TrΔle®

Enchufes TrΔle® 7241-B

SVK I7241-B TrΔle®

Coupleurs TrΔle® 7241-B



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**	-

Quick couplings free flow TrΔle® 7241-B

Enchufes Paso Total TrΔle® 7241-B

SVK TrΔle® voller Durchgang 7241-B

Coupleurs passage total TrΔle® 7241-B



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**	-

Quick couplings 7241-A NPT TrΔle®

Enchufes NPT TrΔle® 7241-A

SVK 7241-A NPT TrΔle®

Coupleurs 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**	-

Quick couplings 7241-B NPT TrΔle®

Enchufes NPT TrΔle® 7241-B

SVK 7241-B NPT TrΔle®

Coupleurs 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**	-

Flat face quick coupling ISO16028 TrΔle®

Enchufes de válvula plana ISO16028 TrΔle®

SVK flach ISO16028 TrΔle®

Coupleurs à clapet face plane 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**	-

Ball valves AISI 316

Llaves de paso AISI 316
Kugelhähne AISI 316
Robinets AISI 316

2 Way ball-valves BSP female ISO 228

Llave 2 vías rosca hembra BSP

2-Wege-KH w BSP ISO 228

Robinet haute pression 2 voies boisseau sphérique femelle 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**	-

***Until end of stock** / *Hasta fin de existencias* / Bis zum Ende des Lagerbestandes / *Jusqu´à la fin du stock*

2 Way ball-valves: tube connection serie L DIN 2353

Llave 2 vías tubo rígido serie ligera

2-Wege-KH Rohr L Leichte Serie

Robinet haute pression 2 voies boisseau sphérique pour tube rigide série légère



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**	-

2 Way ball-valves: tube connection serie S DIN 2353

Llave 2 vías tubo rígido serie pesada

2-Wege-KH Rohr S Schwere Serie

Robinet haute pression 2 voies boisseau sphérique pour tube rigide série lourde



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**	-

Ball-valves BSP female

Llave 2 vías rosca hembra BSP paso total

2-Wege-KH w BSP voller Durchgang

Robinet haute pression 2 voies boisseau sphérique femelle



DN	ROSCA THREAD	Referencia Part n°	€
32	1" 1/4 BSP	**MKH G 1 1/4 DN32**	-
50	2" BSP	**MKH G 2 DN50**	-

Ball-valves: tube connection serie L DIN 2353 full bore

Llave 2 vías tubo rígido L paso total

2-Wege-KH Rohr DIN 2353 L voller Durchgang

Robinet haute pression 2 voies boisseau sphérique Métrique série légère passage total



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
35	35 L	M45X2	**MKH 35 L DN35**	-

Ball-valves: tube connection serie S DIN 2353 full bore

Llave 2 vías tubo rígido S paso total

2-Wege-KH Rohr DIN 2353 S voller Durchgang

Robinet haute pression 2 voies boisseau sphérique Métrique série légère passage total



DN	TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
32	38 S	M52x2	**MKH 38 S DN32**	-

3 Way ball-valve female BSP L flow

Llave 3 vías hembra - hembra - hembra BSP paso en L

3-Wege-KH w - w BSP - BSP Typ L

Robinet haute pression 3 voies boisseau sphérique femelle BSP passage en L

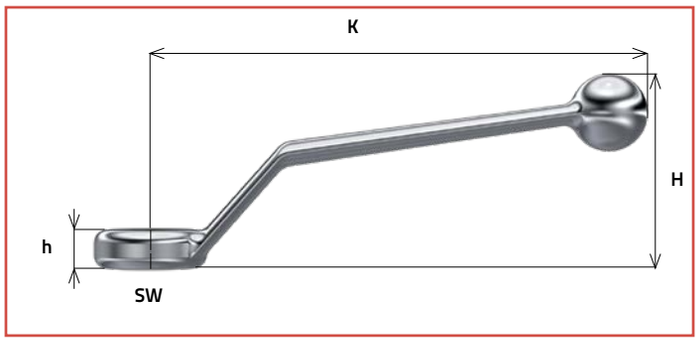


DN	ROSCA THREAD	Referencia Part n°	€
4	1/8"BSP	**MK3A-G 1/8**	-
6	1/4"BSP	**MK3A-G 1/4**	-
10	3/8"BSP	**MK3A-G 3/8**	-
13	1/2"BSP	**MK3A-G 1/2**	-
20	3/4"BSP	**MK3A-G 3/4**	-
25	1"BSP	**MK3A-G 1**	-
25	1"1/4 BSP	**MK3A-G 1 1/4**	-
40	1"1/2 BSP	**MK3A-G 1 1/2**	-

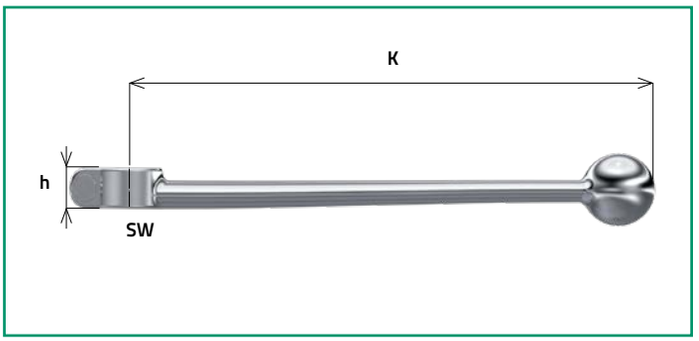
Ball valves AISI 316

Llaves de paso AISI 316
Kugelhähne AISI 316
Robinets AISI 316

Handles for ball-valves
Manetas
Handhebel für Kugelhähne
Leviers pour robinets



Handles for ball-valves 2
Manetas
Handhebel für Kugelhähne
Leviers pour robinets



	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			

Handles for ball-valves are supplied with zinc or aluminum.
Las llaves se suministran con maneta de zinc o aluminio.
Griffe für Kugelhähne werden in Zink oder Aluminium geliefert
Leviers pour robinets sont fournies avec une poignée en zinc ou en aluminium.

(1) **Handles are supplied for ball-valves** / Maneta sumistrada junto a la llave / Für Kugelhähne werden Griffe mitgeliefert / Leviers sont fournies pour robinets /

Ball valves AISI 316

Llaves de paso AISI 316
Kugelhähne AISI 316
Robinets AISI 316

TrΔle®

2 ways ball valve female BSP TrΔle®

Llave 2 vías rosca hembra BSP TrΔle®

2-Wege-KH w BSP TrΔle®

Robinet haute pression 2 voies boisseau sphérique femelle 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**	-

2 ways ball valve female NPT TrΔle®

Llave 2 vías rosca hembra NPT TrΔle®

2-Wege-KH w NPT TrΔle®

Robinet haute pression 2 voies boisseau sphérique femelle 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**	-

2 ways ball valve: tube connector light serie TrΔle®

Llave 2 vías tubo rígido serie ligera TrΔle®

2-Wege-KH Rohr L Leichte Serie TrΔle®

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide Série légère 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**	-

2 ways ball valve: tube connector heavy serie TrΔle®

Llave 2 vías tubo rígido serie pesada TrΔle®

2-Wege-KH Rohr S Schwere Serie TrΔle®

Robinet haute pression 2 voies boisseau sphérique sortie pour tube rigide Série lourde 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**	-

3 Way ball-valve female ISO 228

Llave 3 vías TrΔle® hembra - hembra - hembra BSP paso en L

3-Wege-Kugelhähne weiblich - weiblich BSP - BSP Durchgang L

Robinet haute pression 3 voies boisseau sphérique femelle



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**	-

Handles for ball-valves

Manetas para llaves de paso

Handhebel für Kugelhähne

Leviers pour robinets



TAMAÑO SIZE	Referencia Part n°	€
HEX9	**Z60013155330**	-
HEX14	**Z60013155331**	-
HEX17	**Z60013155332**	-

See dimension table in page 243 / *Ver tabla de dimensiones en pág 243* / Abmessungen entspr. der Tabelle auf S. 243 / *Voir table de dimensions à la page 243*

Swivel fittings AISI 316 TrΔle®

Racores giratorios AISI 316 TrΔle®
Edelstahl-Drehverschraubungen AISI 316 TrΔle®
Raccords tournants AISI 316 TrΔle®

Straight swivel fittings TrΔle®

Racores giratorios rectos TrΔle®

Gerade Drehverschraubungen TrΔle®

Raccord tournant droit 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**	-

Elbow 90° swivel female TrΔle®

Racores giratorios 90° TrΔle®

W-Drehverschraubungen 90° TrΔle®

Raccord tournant coude 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**	-



Hydraulic Components AISI 316

249

Componentes hidráulicos AISI 316
Hydraulische Komponenten AISI 316
Composants Hydrauliques AISI 316



08

CONTROL COMPONENTS

Elementos de control

Kontrollelemente

Éléments de contrôle

Hydraulic Components AISI 316

Componentes hidráulicos AISI 316
Hydraulische Komponenten AISI 316
Composants Hydrauliques AISI 316

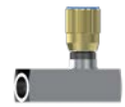
Flow control valves ▪ Reguladores caudal ▪ Flusskontrollventil ▪ Régulateurs de débit | 249


ZFT2251B


ZFT2253U


ZFT22512B


ZFT22572B


ZFT22575U

Check-valves ▪ Anti-retornos ▪ Rückschlagventile - RV ▪ Clapet antiretour | 250


Z VSR

Check-valves TrΔle® ▪ Anti-retornos TrΔle® ▪ Rückschlagventile -RV TrΔle® ▪ Clapet antiretour TrΔle® | 250


ZVT0

Relief valves ▪ Limitadoras ▪ Überdruckventile ▪ Limiteurs de pression | 250


ZLIM

Hydraulic Components AISI 316

Componentes hidráulicos AISI 316
Hydraulische Komponenten AISI 316
Composants Hydrauliques AISI 316

Forged bidirectional flow control valve 350 Bar

Regulador caudal forjado bidireccional 350 Bar

Zweiwege-Ventile 350 Bar

Régulateur débit bidirectionnel forgé 350 Bar



ROSCA THREAD		CAUDAL MÁX. MAX. FLOW (l/min)	Referencia Part n°	€
1/4" BSP	M17x1	12	**ZFT2251B04**	-
3/8" BSP	M20x1	30	**ZFT2251B06**	-
1/2" BSP	M25x1,5	45	**ZFT2251B08**	-
3/4" BSP	M30x1,5	85	**ZFT2251B12**	-

Forged unidirectional flow control valve 350 Bar

Regulador caudal forjado unidireccional 350 Bar

Einweg-Steuerventile geschmiedet 350 Bar

Régulateur débit unidirectionnel forgé 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**	-

Forged unidirectional flow control valve male/female 350 Bar

Regulador caudal forjado bidireccional macho/ hembra 350 Bar

Einweg- Steuerventil geschmiedet m- w 350 Bar

Régulateur débit bidirectionnel forgé mâle/femelle 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**	-

Bidirectional flow control valve 400 Bar

Regulador caudal bidireccional 400 Bar

Zweiweg- Steuerventil 400 Bar

Régulateur débit bidirectionnel 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**	-

Unidirectional flow control valve 400 Bar

Regulador caudal unidireccional 400 Bar

Einweg- Steuerventile 400 Bar

Régulateur débit unidirectionnel 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**	-

Hydraulic Components AISI 316

Componentes hidráulicos AISI 316
Hydraulische Komponenten AISI 316
Composants Hydrauliques AISI 316

Check-valve line mounting BSP

NEW

Anti-retorno en línea BSP

Rückschlagventil in Linie BSP

Clapet antiretour simple en ligne 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**	-

For other standard spring pressures, consult us. */ Para otras presiones de tarado estandard, consultar. /* Bitte kontaktieren Sie uns fur andere Standard-Drucke. */ Pour d'autres pressions ressort standard, consultez-nous.*

Check-valve line mounting BSP TrΔle®

Anti-retornos en línea BSP TrΔle®

Rückschlagventil in Linie BSP TrΔle®

Clapet antiretour simple en ligne 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**	-

For other standard spring pressures, consult us. */ Para otras presiones de tarado estandard, consultar. /* Bitte kontaktieren Sie uns fur andere Standard-Drucke. */ Pour d'autres pressions ressort standard, consultez-nous.*

Relief valves in line BSP

Limitadoras en línea BSP

Überdruckventile in Linie BSP

Limiteurs de pression en ligne 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

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PROJECTS

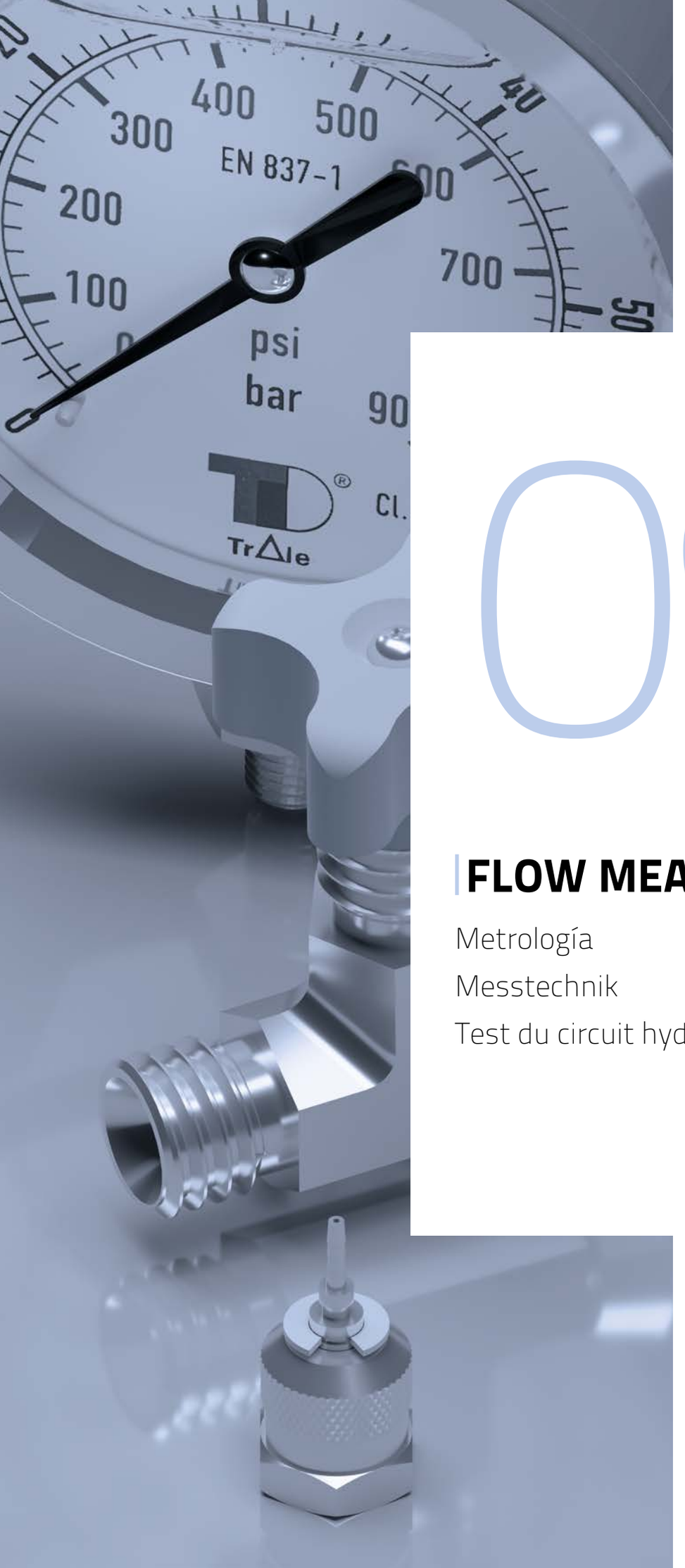
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Manometer AISI 316L mit Glyzerin
Manomètre AISI 316 avec glycérine



09

FLOW MEASURING

Metrología

Messtechnik

Test du circuit hydraulique

Test couplings

Racores de control
Kontrollarmaturen
Prises de pression


Z MPR...C/J


Z MPR TLM


Z MPR DL/S


Z MPR...NPT


Z MPR M

Micro-hose fittings

Conexiones Micro-hose
Mikroschlauch-Armaturen
Embouts Capillaire


Z55501


Z55505


Z55506


Z55504


Z55507


Z55503


Z55509


Z5550795

Pressure gauges AISI 316 with glycerin

Instrumentos de medición
Manometer AISI 316L mit Glyzerin
Manomètre AISI 316 avec glycérine

Pressure gauge DN 63 with glycerin ▪ Manómetros inox glicerina DN 63 ▪ Edelstahl-Manometer mit Glyzerin DN 63 ▪ Manomètre avec glycérine DN 63 | 259


ZMFI63..V


ZMFI63..DB

Pressure gauge DN 100 with glycerin ▪ Manómetros inox glicerina DN 100 ▪ Edelstahl-Manometer mit Glyzerin DN 100 ▪ Manomètre avec glycérine DN 100 | 259


ZMFI100..V


ZMFI100..DB

Valves for manometers ▪ Protectores manómetros ▪ Manometer-Schutzventil ▪ Valves pour manomètres | 260


Z FPE


Z FPEA


ZFT2299

Test couplings

Racores de control
Kontrollarmaturen
Prises de pression

Check couplings with captive seal and metallic cap

Racores de control BSP con junta y capuchón metálico

Kupplungen mit Flachdichtung prüfen und Metallkappe

Prises de pression avec joint plat et capouchon métallique



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**	-

TLM Check couplings with metallic cap

Racores de control TLM con capuchón metálico

Kontrollarmaturen mit Ü-Mutter und Metallkappe

Prises de pression TLM avec capouchon métallique



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**	-

Halfway check fitting for metal tube

Racor de control intermedio para tubo metálico

Kontroll-Zwischenverschraubung für Metallrohr

Raccord intermédiaire pour tube métallique



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**	-

NPT Check couplings with metallic cap

Racores de control NPT con capuchón metálico

NPT-Kupplungen prüfen mit Metallkappe

Prises de pression NPT avec capouchon métallique



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**	-

Metric Check couplings with captive seal and metallic cap

Racores de control Métrico con Junta y capuchón metal

Metrische Kupplungen mit Flachdichtung prüfen und Metallkappe

Prises de pression métrique avec joint plat et capouchon métallique



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**	-

Micro-hose fittings

Conexiones Micro-hose
Mikroschlauch-Armaturen
Embouts Capillaire

Ferrules AISI -303

Casquillos AISI-303

Pressfassungen AISI-303

Jupes AISI-303



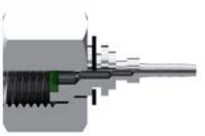
DN	Referencia Part n°	€
2	**Z555010100**	-

Swivel female flat seat with o'ring for manometer Micro-hose

Hembra asiento plano con junta manómetro

Dichtkopf flachdichtend mit Dichtring für Manometer

Embout femelle tournante fond plat avec o'ring pour manomètre Minimess



DN	ROSCA THREAD	Referencia Part n°	€
2	1/4" BSP	**Z555050404**	-
2	1/2" BSP	**Z555050808**	-

Check Metric swivel female Micro-hose

Hembra giratoria de control

Kontroll-Dichtkopf mit Ü-Mutter

Embout femelle tournante de control Métrique Minimess



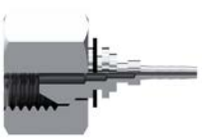
DN	ROSCA THREAD	Referencia Part n°	€
2	M16X2	**Z555069523**	-

Straight swivel female BSP 60° cone micro-hose

Hembra giratoria BSP 60°

Dichtkopf 60°

Embout femelle tournante gaz cyl BSP 60° Minimess



DN	ROSCA THREAD	Referencia Part n°	€
2	1/8" BSP	**Z555040202**	-
2	1/4" BSP	**Z555040404**	-
2	3/8" BSP	**Z555040606**	-

Metric standpipe Micro-hose

Espiga lisa Métrica

Metr. Stutzen glatt



Embout lisse Métrique Minimess

DN	TUBO PIPE	Referencia Part n°	€
2	6	**Z555070600**	-
2	8	**Z555070800**	-

Straight Micro-hose check male

Macho de control

Kontroll-Außengewinde

Embout mâle manomètre



DN	Referencia Part n°	€
2	**Z555030325**	-

Straight swivel female JIC 37° Micro-hose

Hembra giratoria recta JIC 37°

Dichtkopf mit Ü-Mutter gerade JIC 37°

Embout femelle tournante JIC 37° Minimess



DN	ROSCA THREAD	Referencia Part n°	€
2	7/16" 20h UNF	**Z555090700**	-

Check 24° Metric swivel female with o´ring

Hembra giratoria Métrica con Junta

Kontroll-Dichtkopf 24° metrisch mit O-Ring

Embout femelle tournante de control Métrique 24° avec 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**	-

Pressure gauges AISI 316 with glycerin

Instrumentos de medición
Manometer AISI 316L mit Glyzerin
Manomètre AISI 316 avec glycérine

Pressure gauge DN 63 vertical connection

Manómetros DN 63 salida vertical

Manometer DN 63 Ausgang vertikal

Manomètre DN 63 sortie verticale



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	-

Pressure gauge DN 63 rear connection

Manómetros DN 63 dorsal

Manometer DN 63 Ausgang hinten

Manomètre DN 63 sortie arrière



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	-

Pressure gauge DN 100 vertical connection

Manómetros DN 100 salida vertical

Manometer DN 100 Ausgang vertikal

Manomètre DN 100 sortie verticale



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	-

Pressure gauge DN 100 rear connection

Manómetros DN 100 dorsal

Manometer DN 100 Ausgang hinten

Manomètre DN 100 sortie arrière



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	-



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Pressure gauges AISI 316 with glycerin

Instrumentos de medición
Manometer AISI 316L mit Glyzerin
Manomètre AISI 316 avec glycérine

Pressure gauge protector (line mounting)

Protector manómetro recto

Manometer-Schutzventil in Linie

Isolateur de manomètre droit (en ligne)



ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/4" BSPT	**Z FPE 1G 1/4**	-

90° pressure gauge protector (line mounting)

Protector manómetro 90°

Manometer-Schutzventil 90°

Isolateur de manomètre coudé a 90° (en ligne)



ROSCA THREAD		Referencia Part n°	€
1/4" BSP	1/4" BSPT	**Z FPEA 1G 1/4**	-

Pressure gauge adaptor (in line) SF-FM

Adaptador para manómetro en línea TL-MF

Manometer- Adapter TL- MF

Adapteur pour manomètre (en ligne) TL-MF



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**	-

CALIDAD para conseguir el mejor RENDIMIENTO.

DICSA
GROWING UP TOGETHER

QUALITY guarantees the BEST PERFORMANCE.

CERTIFIED
ISO 9001
ISO 14001

MARINE EQUIPMENT DIRECTIVE
DNV
2014/90/EU

TYPE APPROVED PRODUCT
DNV
DNV.COM/AF

ABS
TYPE APPROVED PRODUCT

Emisión de certificados. Certificates Issuance.
Certificados de prueba. Test Certificates.
Validación de diseños. Design Validation Tests.
Controles de calidad. Quality Control.



Máquina de medición 3D MMC
Machine Measuring by Coordinates (MMC)

Cortadora de precisión
Precision cutting Saw

Banco de prueba Bimal B1703 Flex
B1703 FLEX Dynamic Test Bench

Banco de prueba Bimal BI1001
Bimal BI1001 Test Bench

Análisis espectrográfico
Spectrographic Analyzer

Banco de pruebas BE 2500 II
BE 2500 II Test Bench

Cámara de niebla salina
Salt- spray chamber

Abrasímetro
Abrasion Tester

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Twin Ferrule Fittings TrΔle® LOK 267
Racor Doble Anillo TrΔle® LOK
Verschraubungen für Doppelklemmring TrΔle® LOK
Raccords double bague TrΔle® LOK



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TWIN FERRULE FITTINGS TRΔLE® LOK

TrΔle® LOK Racor doble anillo

Verschraubungen für Doppelklemmring

Raccords double bague TrΔle® LOK

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Nuts and rings ▪ Tuercas y anillos ▪ Muttern und Schneidringe ▪ Écrous et bagues | 267


ZKN


ZKAP


ZKAF

Straight couplings ▪ Uniones tubo-tubo ▪ Gerade Verschraubungen (G) ▪ Raccords union double | 268


ZKI


ZKL


ZKI


ZKT


ZKC

Straight male stud couplings ▪ Uniones rectas tubo-rosca macho ▪ Gerade Einschraubverschr. - EVGE ▪ Raccords union simple mâle | 270


ZKIMP


ZKIM

Male stud elbows ▪ Codos tubo-rosca ▪ W-Einschraubverschraubungen - WE ▪ Raccords coude mâle gaz | 271


ZKLMP


ZKLM

Male stud branch ▪ TES rosca central ▪ T-Einschraubungen - TE ▪ Raccords Té mâle central | 272


ZKTMP

Male stud barrel ▪ TES rosca lateral ▪ T-einschraubungen ▪ Raccords Té mâle latéral | 272


ZKTLMP

Bulkhead ▪ Pasatabiques ▪ Schott ▪ Raccords passe cloison | 272


ZKIB


ZKIBP

Straight female coupling ▪ Racor recto hembra ▪ Gerade Kupplung ▪ Raccords droits femelle | 273


ZKIHP


ZKIH

Plugs ▪ Tapones ▪ Stopfen ▪ Raccords bouchon métrique | 274


ZKOH


ZKOM

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Pipe connector ▪ Conectores para tubo ▪ Rohrverbinder ▪ Connecteur de tuyau | 274



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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Raccords double bague TrΔle® LOK

Nut for twin-ferrule

Tuercas para doble anillo

Mutter für Doppelklemmring

Écrou double bagues



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	-

Front Ferrule

Anillo frontal

Vorderer Klemmring

Bague avant



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	-

Back Ferrule

Anillo posterior

Hinterer Klemmring

Bague arrière



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	-

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Raccords double bague TrΔle® LOK

Double Straight coupling

Racor unión recta tubo - tubo

Gerade Verschraubungen (G)

Raccord union double



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	-

Equal elbow coupling

Racor unión en codo tubo - tubo

Winkel-Verschraubungen (W)

Raccord coude égal



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	-

Straight reducing coupling

Racor unión recta en reducción tubo - tubo

Gerade Reduzierverschraubungen (GR)

Raccord union double en réduction



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	-

Equal Tee

Racor unión en T tubo - tubo

T-Verschraubungen (T)

Raccord Té égal



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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Raccords double bague TrΔle® LOK

Equal cross

Racor unión en cruz tubo - tubo

Kreuz-Verschraubungen (K)

Raccord croix égale



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	-

TrΔle® Lok SERIES

Conexión libre de fugas
Apta para entornos agresivos



Excellent tight sealing
Tube- gripping action

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Verschraubungen für Doppelklemmring TrΔle® LOK
Raccords double bague TrΔle® LOK

Straight male stud coupling NPT

Racor recto rosca cónica NPT

Gerade Einschraubverschr. NPT - GE -NPT

Raccord union simple mâle 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	-

Straight male stud coupling BSPT

Racor recto rosca cónica BSPT

Gerade Einschraubverschr. kegelig - GE-BSPT

Raccord union simple mâle conique 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	-

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Racor Doble Anillo TrΔle® LOK
Verschraubungen für Doppelklemmring TrΔle® LOK
Raccords double bague TrΔle® LOK

Male stud elbow NPT

Racor en codo rosca cónica NPT

W-Einschraubverschr. NPT - WE-NPT kon

Raccord union coude mâle 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**	-

Male stud elbow BSPT

Racor en codo rosca cónica BSPT

W-Einschraubverschr. BSPT kon. - WE-R (KEG)

Raccord union coude mâle gaz conique



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**	-

***On request** / Consultar / **Auf Anfrage** / Sur demande

Twin Ferrule Fittings TrΔle® LOK

Racor Doble Anillo TrΔle® LOK
Verschraubungen für Doppelklemmring TrΔle® LOK
Raccords double bague TrΔle® LOK

Male stud branch TEE NPT

Racor en T rosca cónica NPT

T-Einschraubverschr. NPT (T-NPT)

Raccord TÉ mâle NPT au centre



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	-

Male stud barrel TEE NPT

Racor en L rosca cónica NPT

L Einschraubverschraubung NPT

Raccord Té mâle NPT latéral Inox



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	-

Straight bulkhead coupling

Racor recto pasatabique con tuerca

Gerade Schottverschraubung

Raccord droit union double passe cloison avec écrou



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	-

Straight bulkhead coupling- NPT

Racor recto - NPT pasatabique con tuerca

Gerade Schottkupplung - NPT

Raccord droit union double passe cloison avec écrou - 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	-

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Twin Ferrule Fittings TrΔle® LOK

Racor Doble Anillo TrΔle® LOK
Verschraubungen für Doppelklemmring TrΔle® LOK
Raccords double bague TrΔle® LOK

Female stud coupling NPT

Racor recto hembra rosca NPT

Einschraubkupplung NPT

Raccord union simple femelle 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	-

Female stud coupling BSPT

NEW

Racor recto hembra rosca BSPT

Einschraubkupplung BSPT

Raccord union simple femelle BSPT

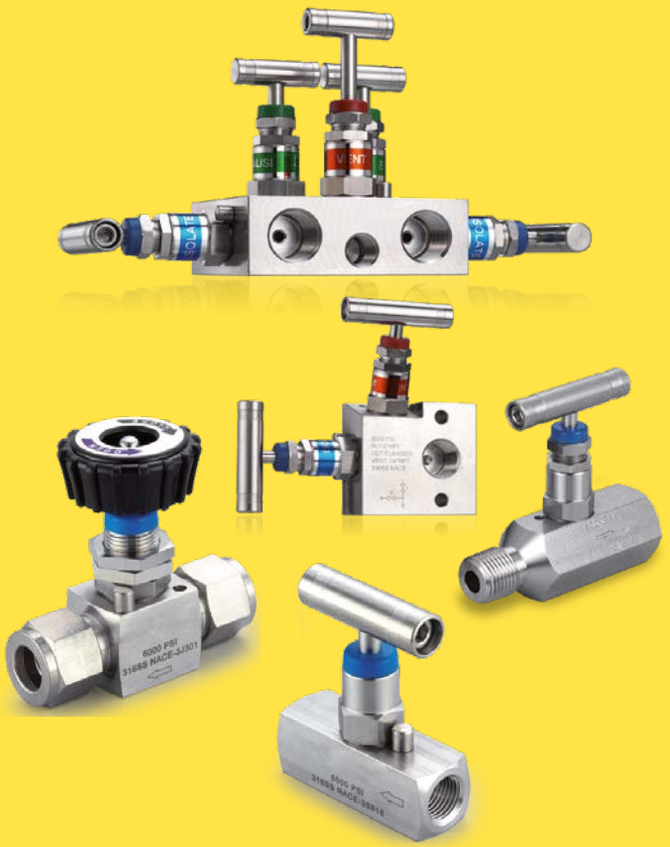


TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/4"	1/4"	ZKIH0404	-
1/2"	1/4"	ZKIH0804	-
1/2"	1/2"	ZKIH0808	-
6	1/8"	ZKIH06M02	-
6	1/4"	ZKIH06M04	-
8	1/4"	ZKIH08M04	-
8	1/2"	ZKIH08M08	-
10	1/4"	ZKIH10M04	-
20	3/4"	ZKIH20M12	-

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

*On request / Consultar / Auf Anfrage / Sur demande

Twin Ferrule Fittings TrΔle® LOK

Racor Doble Anillo TrΔle® LOK
Verschraubungen für Doppelklemmring TrΔle® LOK
Raccords double bague TrΔle® LOK

UNF plug closure

Tapón de cierre hembra UNF

UNF Verschlusskappe

Bouchon de fermeture Femelle 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	-

UNF cap hexagon

Tapón hexagonal macho UNF

UNF-Sechskantstecker

Bouchon mâle hexagonale 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	-

Tube end reducer

Racor de Reducción tubo

Reduzier-Verschraubung

Raccord de réduction



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	-

Male NPT adaptor

Adaptador macho NPT

NPT-Steckeradapter

Adapteur Mâle NPT



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	-

Female NPT adaptor

Adaptador hembra NPT

NPT-Adapterbuchse

Adapteur Femelle NPT

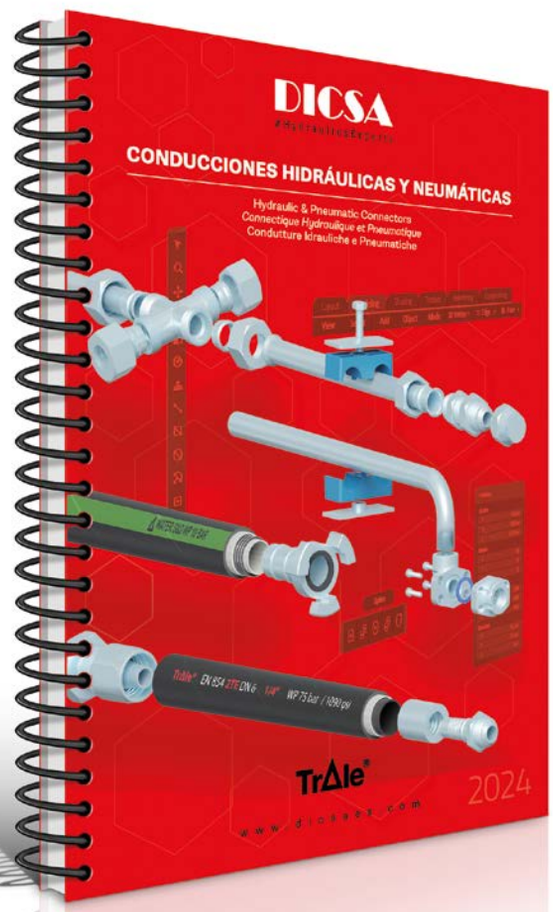


TUBO PIPE	ROSCA THREAD	Referencia Part n°	€
1/8"	1/8"	ZKIAHP0202	-
1/4"	1/4"	ZKIAHP0404	-
3/8"	3/8"	ZKIAHP0606	-
1/2"	1/2"	ZKIAHP0808	-
6	1/8"	ZKIAHP06M02	-
8	1/4"	ZKIAHP08M04	-
10	3/8"	ZKIAHP10M06	-
12	1/2"	ZKIAHP12M08	-

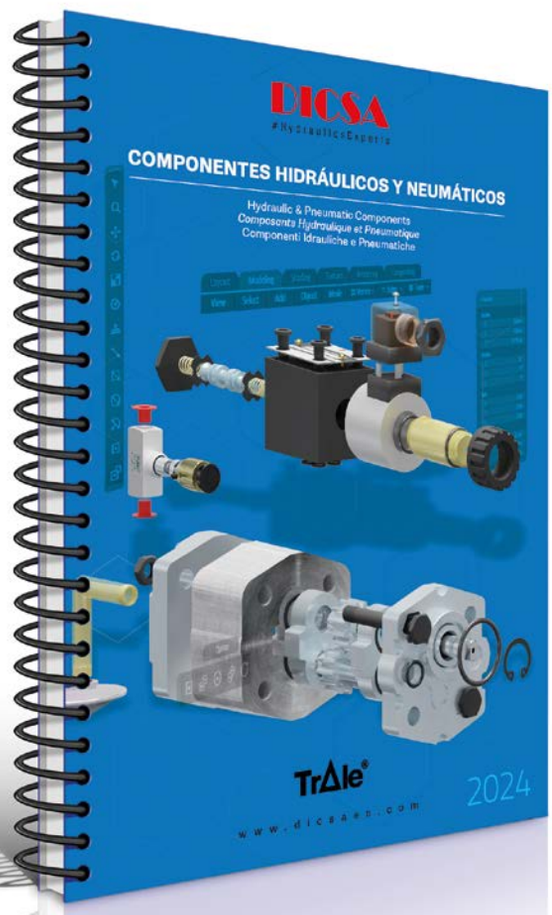
*On request / Consultar / Auf Anfrage / Sur demande

DICSA
GROWING UP TOGETHER

DESCUBRE nuestras
TARIFAS GENERALES de
PRECIOS



Conducciones hidráulicas y neumáticas
Hydraulic & Pneumatic Connectors



Componentes Hidráulicos y Neumáticos
Hydraulic and Pneumatic Components

REQUEST OUR
GENERAL
PRICE LIST

www.dicsaes.com

General conditions of sale

Condiciones de venta

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. DICSA 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. DICSA 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. DICSA 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.

DICSA retains the property of the supplied merchandise until full payment of the agreed price. DICSA 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.

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.

DICSA 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.

DICSA 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. DICSA 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.

DICSA se reserva el derecho de propiedad de la mercancía suministrada hasta el pago completo del precio establecido. DICSA 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 conditions of sale

Condiciones de venta

DELIVERY TERMS

DICSA saves itself the right to reject an order depending on the availability of the products. In this supposition, DICSA 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 DICSA will be able to proceed without any interruption. DICSA 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, DICSA 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

DICSA 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 DICSA 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 DICSA, 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, DICSA 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 DICSA 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.

DICSA 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.

DICSA 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. DICSA'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 DICSA.

Any amount that exceeds the above mentioned quantity, and any amount that DICSA 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 DICSA's specifications.
- The inadequate use of facilities or negligence of the Customer, his Assistants or Agents.
- The parts supplied by the Customer.

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

DICSA 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 DICSA proceder sin interrupción alguna. DICSA 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, DICSA 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

DICSA 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 DICSA 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 DICSA, 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, DICSA 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 DICSA 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.

DICSA 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.

DICSA 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 DICSA 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 DICSA. Cualquier importe que supere dicha cantidad y que DICSA 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 DICSA.*
- *El uso inadecuado de instalaciones o negligencia del Comprador, sus Ayudantes o Agentes.*
- *Las partes suministradas por el Comprador.*

General conditions of sale

Condiciones de venta

FREIGHTAGES

By merchandise we always mean the one deposited in DICSA'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.

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 DICSA 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, DICSA 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 DICSA 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 DICSA's previous assent. All the other rights on the software and the documentation including the copies, they belong to DICSA 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 DICSA and the Customer shall be exclusively governed by Spanish laws. The exclusive jurisdiction on any dispute between the DICSA and the Customer shall be the courts of DICSA's domicile. Nevertheless, DICSA 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.

PORTES

La mercancía se entiende siempre depositada en el domicilio de DICSA, 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 DICSA 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, DICSA 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 DICSA 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

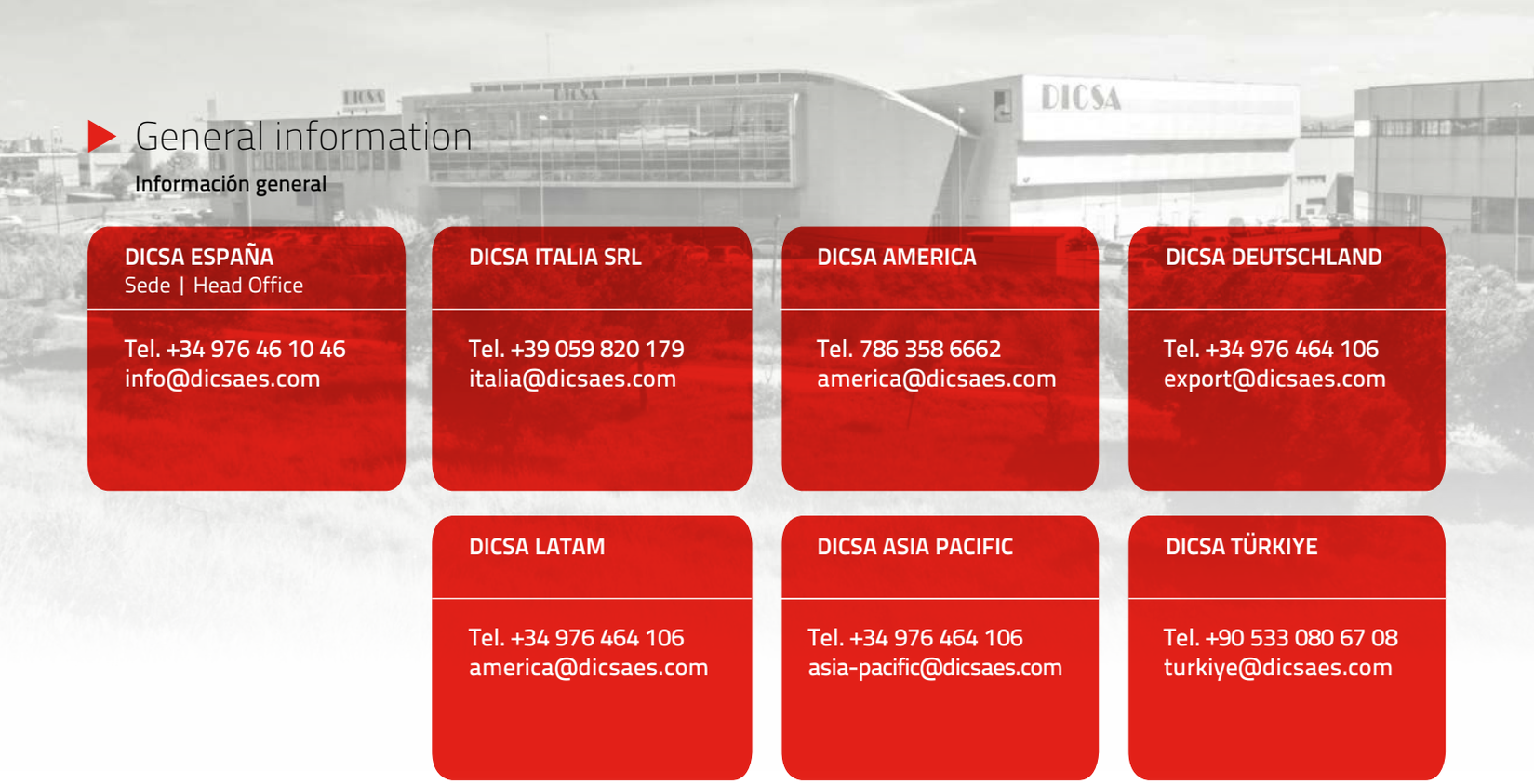
Si el cliente no pudiese atender los pagos que coincidiesen con periodos vacacionales, éstos se trasladarán al mismo día del mes anterior. En caso de existir días fijos de pago, el vencimiento se trasladará al día hábil de pago inmediatamente anterior.

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 DICSA. Todos los demás derechos sobre el software y la documentación incluyendo las copias, corresponden a DICSA 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 DICSA. Sin embargo, DICSA podrá optar por interponer las acciones legales correspondientes en el domicilio del comprador.



General information

Información general

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DICSA DEUTSCHLAND

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DICSA LATAM

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america@dicsaes.com

DICSA ASIA PACIFIC

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DICSA TÜRKIYE

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Customer service | Atención al cliente

Departamento comercial | Commercial department

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comercial@dicsaes.com

Internacional | International

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Gestión de pedidos | Orders management

Nacional | National

Conducciones | Connectors
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976 464 101

Hidráulica | Components
Tel. 976 464 102

pedidos@dicsaes.com

Internacional | International

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+34 976 464 101
orders@dicsaes.com

Otros servicios | Other services

Dpto. Calidad | Quality Dpt.

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Dpto. Finanzas | Accounting Dpt.

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Dpto. Compras | Purchasing Dpt.

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Oficina de almacén | Warehouse Dpt.

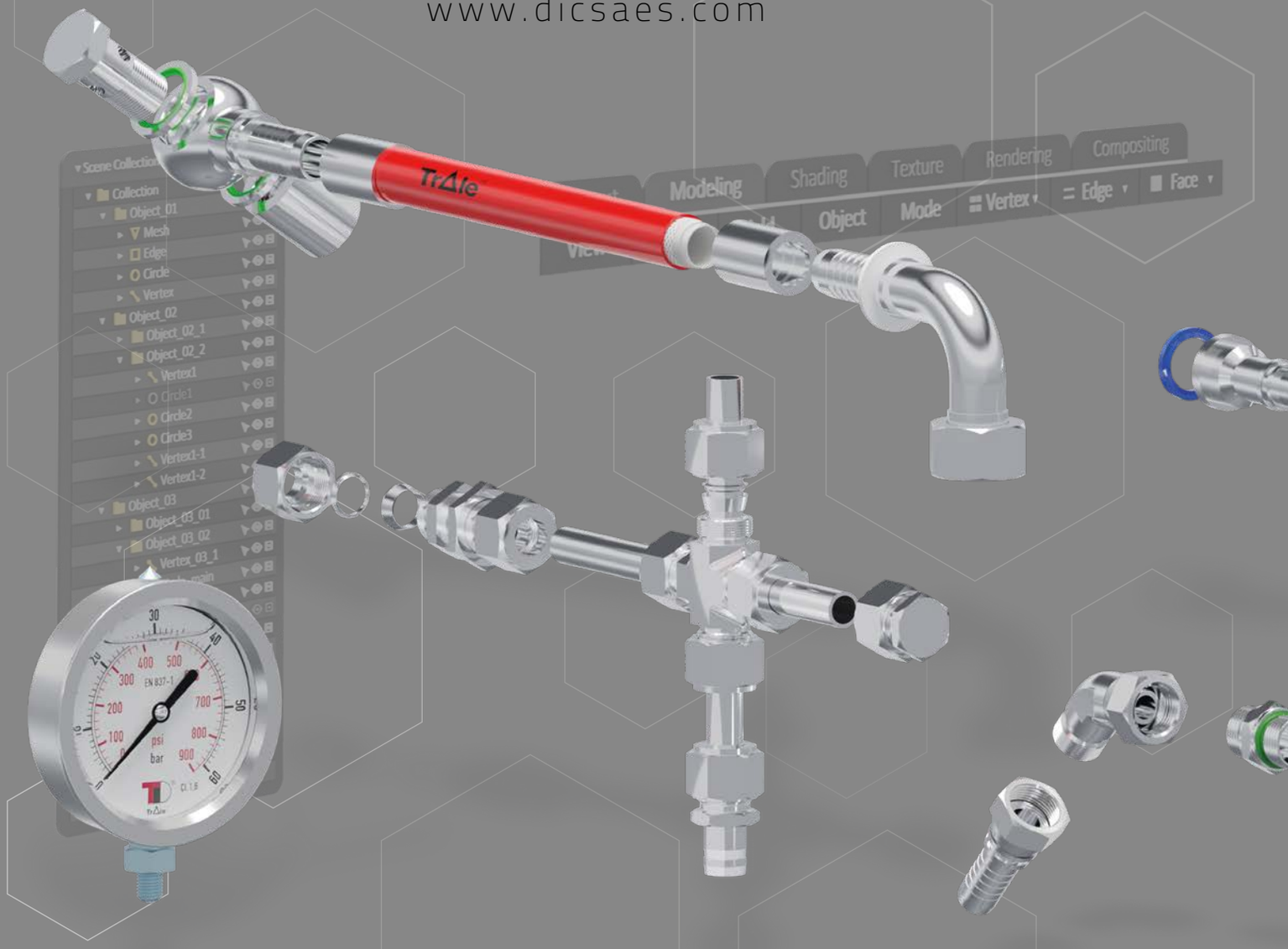
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2024

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ISO 9001
ISO 14001