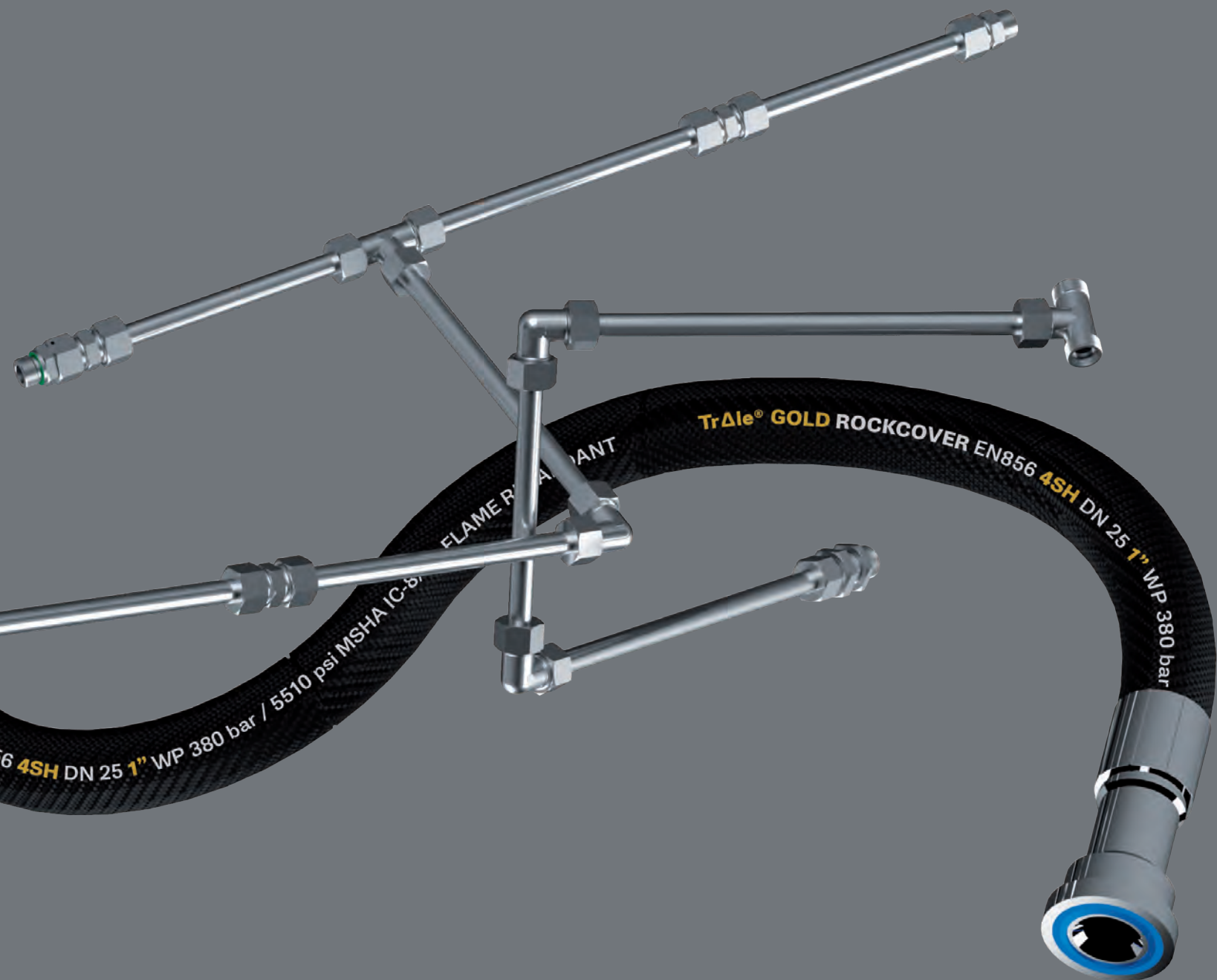


Racores Inoxidable
Edelstahl Verbindungen
Raccords en Acier Inox

FITTINGS STAINLESS STEEL

AISI 316L

2020



Crimp fittings for hoses <i>Conexiones para flexibles</i> Armaturen für Schlauchleitungen <i>Embouts à sertir pour flexibles</i>	1
TRALE® Rigid Pipe/ Pipe fittings DIN 2353/ Flare fittings JIC 37° <i>Tubo rígido TRALE® / Racores DIN 2353 / Racores JIC 37°</i> Rohr TRALE® / Verschraubungen für Rohr DIN 2353/ JIC - Verbindungen <i>Tube rigide TRALE® SCH / Embouts SCH / Brides SAE/ Colliers</i>	2
SCH TRALE® Rigid pipe/ SCH fittings / SAE Flanges / Clamps <i>Tubo rígido TRALE® SCH / Racores SCH / Bidas SAE / Abrazaderas</i> Rohr SCH TRALE®/ SCH Armaturen/ SAE-Flansche/ Schellen <i>Tube rigide TRALE® SCH / Embouts SCH / Brides SAE/ Colliers</i>	3
Adaptors <i>Adaptadores</i> Adapter <i>Adapteurs</i>	4
Welding fittings <i>Racores soldables</i> Schweißverschraubungen <i>Raccords à souder</i>	5
Industrial fittings <i>Racores industriales</i> Für den industriellen Einsatz <i>Raccords industriels</i>	6
Accesorios <i>Accessories</i> Zubehör <i>Accessoires</i>	7
Hydraulic Components AISI 316 <i>Componentes hidráulicos AISI 316</i> Hydraulische Komponenten <i>Composants Hydrauliques AISI 316</i>	8
Flow measuring <i>Metrología</i> Messtechnik <i>Test du circuit hydraulique</i>	9
Twin Ferrule Fittings TRALE® Lok <i>Racor doble anillo TRALE® Lok</i> Verschraubungen für Doppelklemmring TRALE® Lok <i>Raccord double bagues TRALE® Lok</i>	10

Crimping fittings for hoses

Conexiones para flexibles

Pressfassungen für Schlauchleitungen

Embouts à sertir pour flexibles

Standard series

Conexiones Standard

Standardserie

Embouts série standard

21

Fittings BW Series R12/4SP/4SH No Skive

Conexiones Serie BW R12/4SP/4SH No Pelar

Armaturen Serie BW R12/4SP/4SH ohne Schälung

Embouts R12/4SP/4SH Série BW Sans dénuder

39

Interlock series

Conexiones Interlock

Armaturen Interlock

Embouts Interlock

43

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

47

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

53

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

57

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado

Einteilige Armaturen PTFE-Wellschlauch

Embouts pré-sertis pour PTFE convoluté

62



One piece fittings BW Series R12/4SP/4SH

67

Conexiones una sola pieza Serie BW R12/4SP/4SH

Einteilige Armaturen Serie BW R12/4SP/4SH

Embouts pré-sertis R12/4SP/4SH Série BW

Ferrules for one piece fittings

72

Casquillos para conexiones una sola pieza

Pressfassungen für einteilige Armaturen

Jupes pour embouts pré-sertis

Reusable series

73

Conexiones Reusables

Schraubarmaturen

Embouts série récupérable

Push-On Fittings

76

Conexiones Push-On

Aufsteck-Armaturen

Embouts Push-On

High pressure 700 bar fittings

77

Conexiones Alta Presión (700 bar)

Armaturen Hochdruck (700bar)

Embouts haute pression 700 bar

Serie Standard

Serie Standard
Standard-Serie
Standard serie

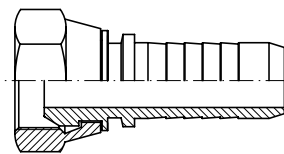
TrAle®

TrAle® GOLD

GREENLINE

One only fitting for a big hose range

Una única conexión para una amplia gama de mangueras
Eine einzige Armatur für eine breite Palette von Schläuchen
Un seul raccord pour une grande gamme de tuyaux



SAE 100 R6	EN 854 2TE	EN 854 3TE	EN 857 1SC SUPERSERVICE 1SC 155°	EN 853 1SN SAE 100 R1AT 1SNK	EN 853 2SN SAE 100 R2AT 2SNK	EN 857 2SC SUPERSERVICE 2SC 155°
81014...	81014...	ZPF22120...	ZSC2112...	ZPF22120... ZSC2112	ZPF22120...	ZPF22120...
SAE 100 R7 EN 855 No conductiva	SAE 100 R8 EN 855 No conductiva	Metallic braid elastomer		Smooth PTFE 1 braid	Smooth PTFE 2 braid	Convuluted PTFE Std. Fiberglass Antistatic
81014...	81014...	81014...		81040...	81045...	81041...
EN 853 2ST SAE100 R2A	EN 856 4SP SAE 100 R9R	EN 856 R12 SAE 100	3SP EN856 4SP - 4SH - R12 SAE 100 R9R		Ecology 200	Ecology 250
ZPF12240...	ZPF12240...	ZPF12240...	ZPF2224...		Z2120...	Z2120...

NO PELAR
NO SKIVE

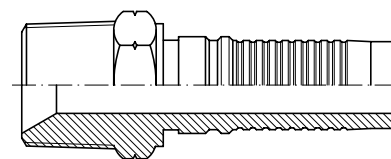
Interlock serie

Serie Interlock
Serie Interlock
Série Interlock

TrΔle®

TrΔle® GOLD

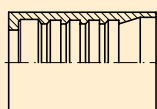
GREENLINE



- **One only fitting for all very high pressure hoses**
 Una única conexión para toda la gama de mangueras de alta presión
 Eine einzige Armatur für alle Hochdruck-Schläuche
 Un seul raccord pour tous les tubes de très haute pression



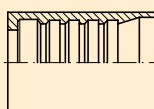
EN 856
4SH



ZA61010...



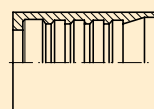
EN 856
R13
SAE 100



ZA61010...
Z61010...



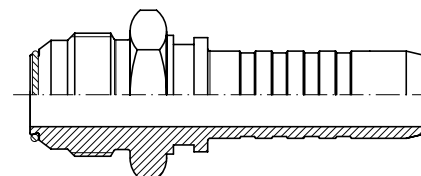
SAE 100
R15



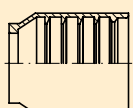
ZA61010...
Z61010...

BW Series no skiving

Serie BW no pelar
Serie BW ohne Schälung
Série BW sans dénuder



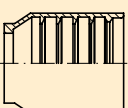
EN 856
4SP
SAE 100



ZAC68010



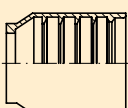
EN 856
4SH



ZAC68010



EN 856
R12
SAE 100



ZAC68010

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

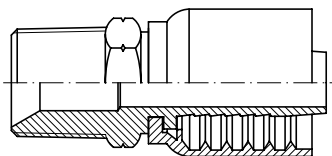
Flow measuring

TrΔle LOK

One Piece Series

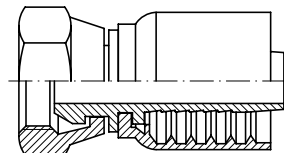
Serie Compacta
Serie Einteilig
Série Pré-sertis

- **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



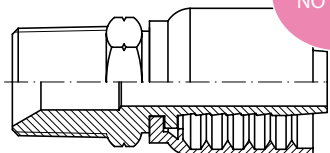
EN 857 1SC	EN 853 1 SN SAE 100 R1AT	EN 857 2SC	EN 854 SAE 100 R6	EN 854 2TE
---------------	-----------------------------------	---------------	-------------------------	---------------

- **One piece fittings 43 Series R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE**
Conexiones compactas Serie 43 R1AT / R2AT / 1SN / 2SN / R16 / 2SC / 3TE
Einteilige Armaturen Serie R1AT / R2AT / 1SN / 2SN / R16 / 2SC Serie 43 / 3TE
Embouts pré-sertis R1AT / R2AT / 1SN / 2SN / R16 / 2SC Série 43 / 3TE



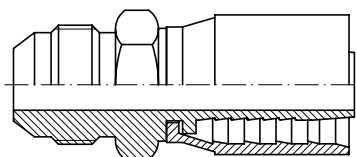
EN 853 1SN SAE 100 R1AT	EN 853 2 SN SAE 100 R2AT	EN 857 2SC SAE 100 R16	SUPERSERVICE 155° 2SC	3TE
----------------------------------	-----------------------------------	---------------------------------	-----------------------------	-----

- **One piece fittings Standar Series NON SKIVE 3SP / 4SP / 4SH / R12**
Conexiones compactas Serie Standard NO PELAR 3SP / 4SP / 4SH / R12
Einteilige Armaturen Standard-Serie OHNE SCHÄLUNG 3SP / 4SP / 4SH / R12
Embouts pré-sertis SANS DÉNUDÉ 3SP / 4SP / 4SH / R12



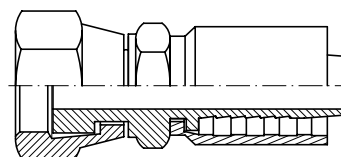
	3SP	EN 856 4SP SAE 100 R9R	EN 856 4SH	EN 856 R12 SAE 100
--	-----	------------------------------	---------------	--------------------------

- **Piece fittings R7 / R8 & braid of steel wire**
Conexiones compactas R7 / R8 y elastómero malla metálica
Einteilige Armaturen R7 / R8 und Elastomer mit Metallgeflecht
Embouts pré-sertis R7 / R8 et tresse métallique



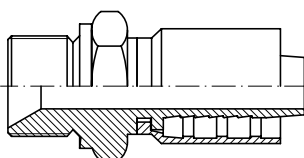
SAE 100 R7	SAE 100 R8	Metallic braid elastomer
---------------	---------------	--------------------------------

- **One piece fittings for smooth PTFE**
Conexiones compactas PTFE liso
Einteilige Armaturen PTFE Glattschlauch
Embouts pré-sertis pour PTFE lisse



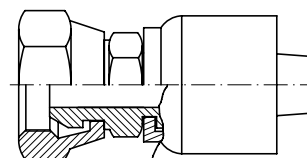
Smooth PTFE 1 braid

- **One piece fittings for convoluted PTFE**
Conexiones compactas PTFE corrugado
Einteilige Armaturen PTFE Wellenschlauch
Embouts pré-sertis pour PTFE convolute



Convoluted PTFE

- **One piece fittings BW Series R12 / 4SP / 4SH**
Conexiones compactas Serie BW R12 / 4SP / 4SH
Einteilige Armaturen Serie R12 / 4SP / 4SH Serie BW
Embouts pré-sertis R12 / 4SP / 4SH Série BW



EN 856 R12	EN 856 4SP	4 SH
---------------	---------------	------

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

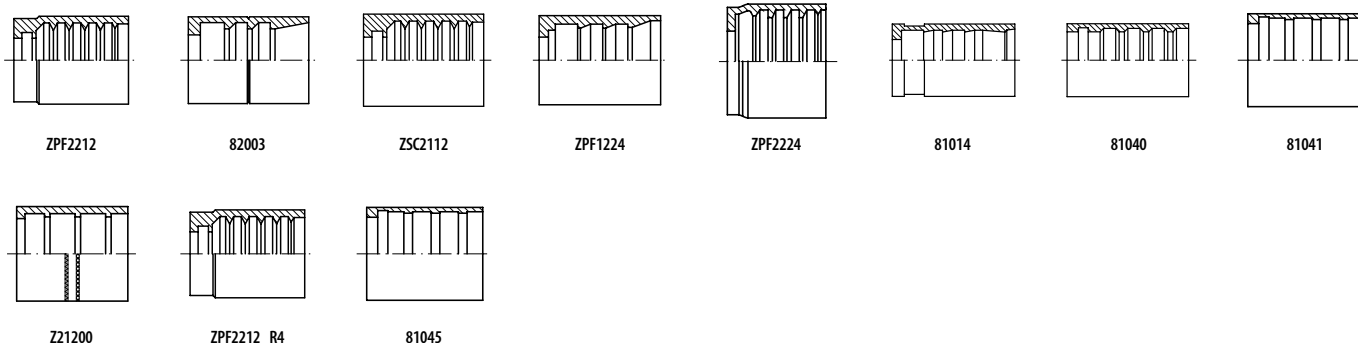
Tralle LOK

Standard series

Conexiones Standard
Standardserie
Embouts série standard

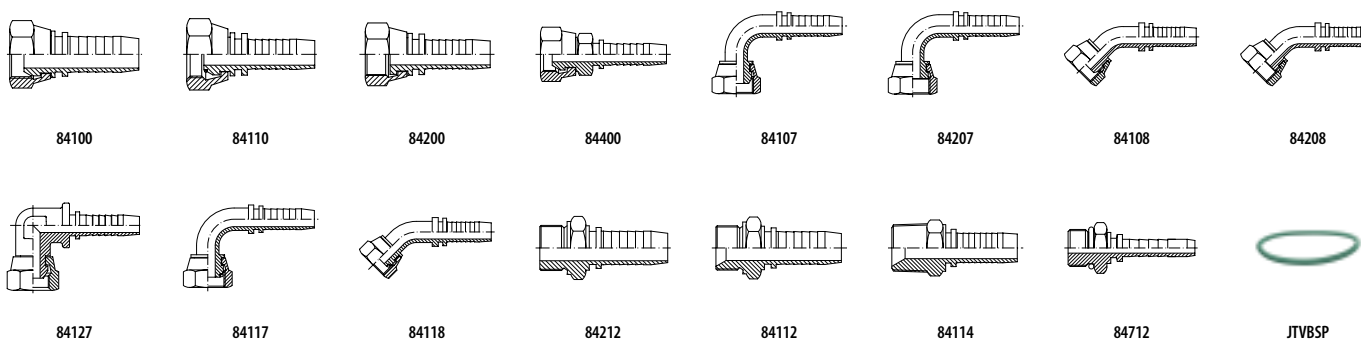
■ Crimping ferrules / Casquillos para prensar / Pressfassungen / Jupes à sertir

21



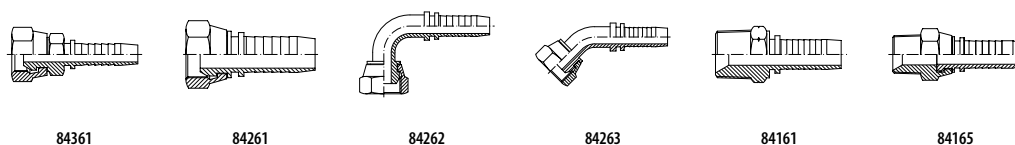
■ BSP Fittings / Conexiones BSP / Armaturen BSP / Embouts BSP

24



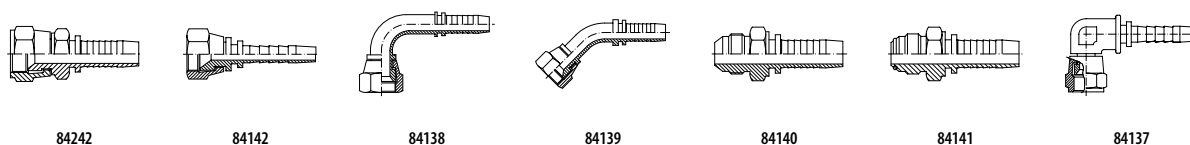
■ NPT-NPSM Fittings / Conexiones NPT-NPSM / Armaturen NPT-NPSM / Embouts NPT-NPSM

28



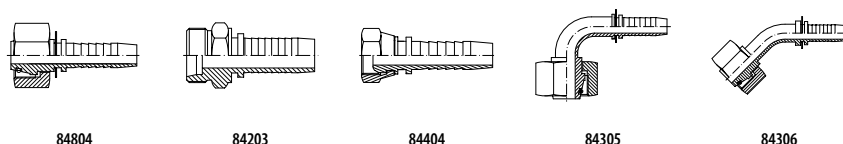
■ JIC 37° Fittings / Conexiones JIC 37° / Armaturen DKJ / Embouts JIC 37°

29



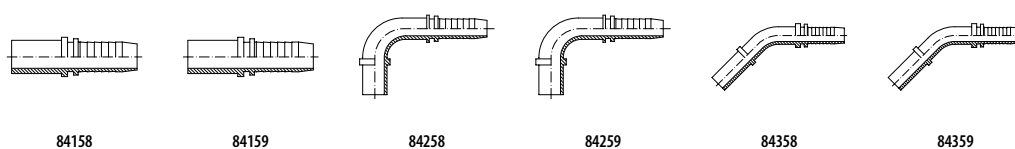
■ Metric fittings / Conexiones Métricas DIN 2353 / Armaturen DKO / Embouts Métriques

31



■ Standpipes / Espigas lisas / Stutzen glatt / Embouts lisses

33



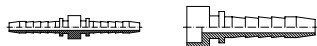
Standard series

Conexiones Standard
Standardserie
Embouts série standard

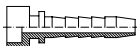
Pipe fittings

■ Other Fittings / Conexiones Varias / Verschiedene Armaturen / Autres

34



84300

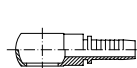


84000

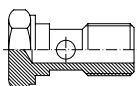
Pipe fittings II

■ Banjos / Orientables / Ringaugen / Embouts Banjo

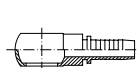
35



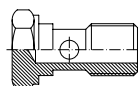
84111



Z1090



84116



Z1092

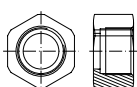
Adaptors

■ Hydrowashing machine couplings / Terminales hidrolavadoras / Armaturen für Waschgeräte / Embouts pour hydropulvérisateurs

35



83050

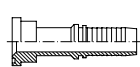


KZTHAP

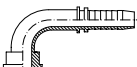
Welding fittings

■ SAE Flanges / Bidas SAE / SAE-Flansche / Brides SAE

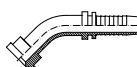
36



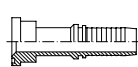
84182



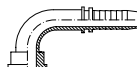
84183



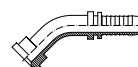
84184



84282



84283

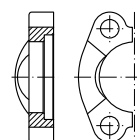


84284

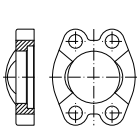
Industrial fittings

■ SAE Flanges for hoses / Bidas para flexibles / Flansche für Schlauch / Brides SAE pour flexibles

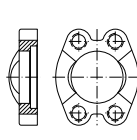
37



ZBBP



ZBBE



ZBCE



ZTB



JBR



ORING

Accessories

Control components

■ ORFS Fittings / Conexiones ORFS / ORFS-Armaturen / Embouts ORFS

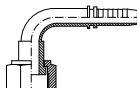
38



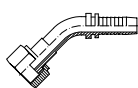
84901



84912



84907



84908

Flow measuring

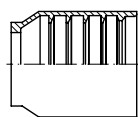
Tralle LOK

Fittings BW Series R12/4SP/4SH No Skive

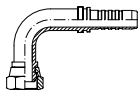
Conexiones Serie BW R12/4SP/4SH No Pelar
Armaturen Serie BW R12/4SP/4SH ohne Schälung
Embouts R12/4SP/4SH Série BW Sans dénuder

■ BSP fittings / Conexiones BSP / Armaturen BSP / Embouts BSP

39



ZAC68010



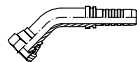
Z66117



Z66112



Z66410



Z66118

■ NPT/NPSM fittings / Conexiones NPT/NPSM / Armaturen NPT/NPSM / Embouts NPT/NPSM

40



Z66461



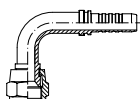
Z66161

■ JIC 37° fittings / Conexiones JIC 37° / Armaturen JIC 37° / Embouts JIC

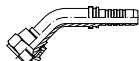
40



Z66242



Z66138



Z66139



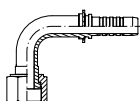
Z66141

■ ORFS fittings / Conexiones ORFS / Armaturen ORFS / Embouts ORFS

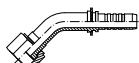
41



Z66901



Z66907



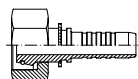
Z66908



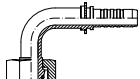
Z66912

■ Metric fittings / Conexiones Métricas DIN 2353 / Armaturen metr. DIN 2353 / Embouts Métriques

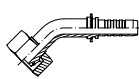
41



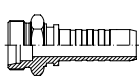
Z66204



Z66205



Z66206



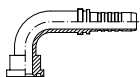
Z66203

■ SAE Flanges / Bidas SAE / SAE-Flansche / Brides SAE

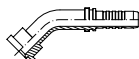
42



Z66182



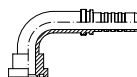
Z66183



Z66184



Z66282



Z66283



Z66284

Interlock series

Conexiones Interlock
Armaturen Interlock
Embouts Interlock

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

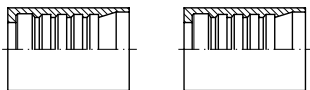
Control components

Flow measuring

Tralle LOK

- Interlock Crimping ferrules / Casquillos Interlock / Pressfassungen Interlock / Jupes à sertir Interlock

43

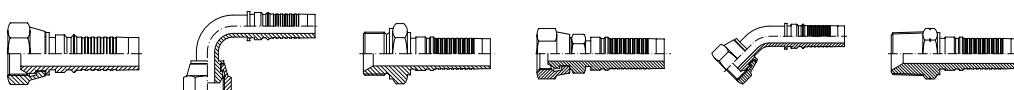


ZA61010

Z61010

- Interlock BSP fittings / Conexiones BSP / Armaturen Interlock BSP / Embouts à sertir Interlock BSP

43



Z64100

Z64107

Z64112

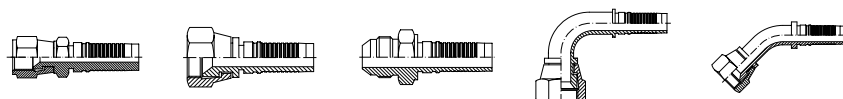
Z64400

Z64108

Z64161

- Interlock JIC 37° fittings / Conexiones JIC 37° / Armaturen Interlock JIC 37° / Embouts à sertir Interlock JIC

44



Z64242

Z64142

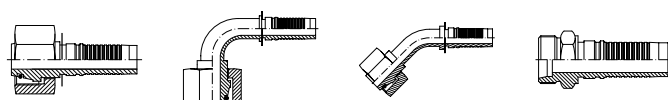
Z64140

Z64138

Z64139

- Interlock Metric fittings / Conexiones Métricas DIN 2353 / Armaturen Interlock metr. / Embouts Métrique Interlock

45



Z64204

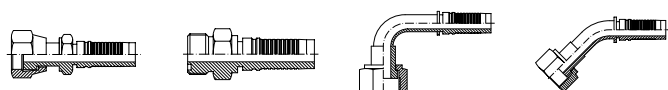
Z64205

Z64206

Z64203

- Interlock ORFS fittings / Conexiones ORFS / Armaturen Interlock ORFS / Embouts à sertir Interlock ORFS

45



Z64901

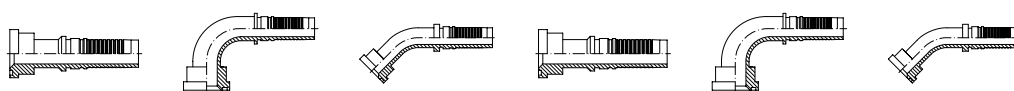
Z64912

Z64907

Z64908

- Interlock SAE Flanges / Bidas SAE / SAE-Flansche / Brides SAE Interlock

46



Z64182

Z64183

Z64184

Z64282

Z64283

Z64284

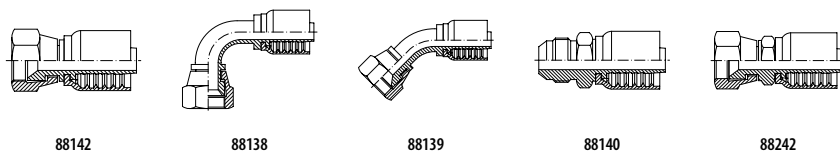
One piece fittings 43 Series R1AT/R2AT/1SN/2SN/R16/2SC/R17

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° fittings / Conexiones una sola pieza JIC 37° / Einteilige Armaturen JIC 37° / Embouts pré-sertis JIC 37° | 47



88142

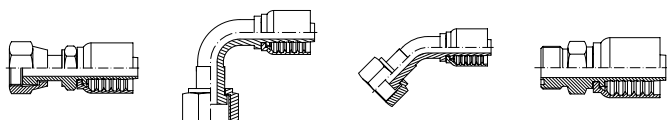
88138

88139

88140

88242

■ One piece ORFS fittings / Conexiones una sola pieza ORFS / Einteilige Armaturen ORFS / Embouts pré-sertis ORFS | 48



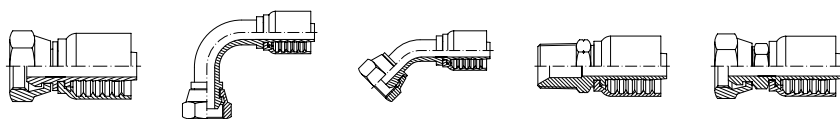
88900

88907

88908

88912

■ One piece NPT-NPSM fittings / Conexiones una sola pieza NPT-NPSM / Einteilige Armaturen NPT-NPSM / Embouts pré-sertis NPT-NPSM | 49



88261

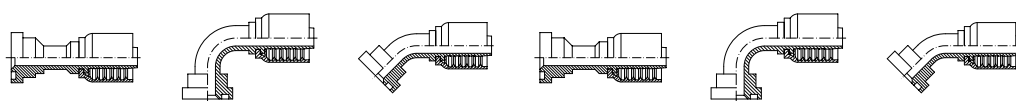
88262

88263

88161

88361

■ One piece SAE Flanges fittings / Conexiones una sola pieza Bidas SAE / Einteilige Armaturen SAE-Flansche / Embouts pré-sertis Bidas SAE | 50



88182

88183

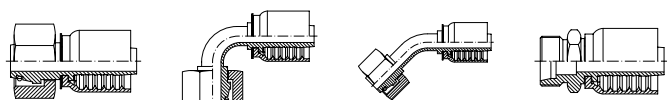
88184

88282

88283

88284

■ One piece Metric fittings / Conexiones una sola pieza Métricas / Einteilige Armaturen metr. / Embouts pré-sertis Métriques | 51



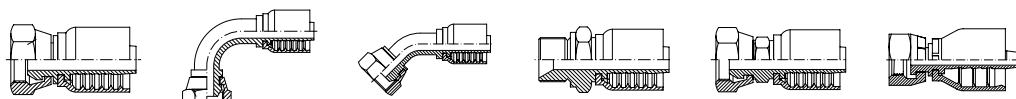
88804

88305

88306

88203

■ One piece BSP fittings / Conexiones una sola pieza BSP / Einteilige Armaturen BSP / Embouts pré-sertis BSP | 52



88100

88107

88108

88112

88400

88200

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

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

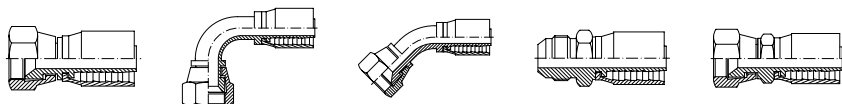
Accessories

Control components

Flow measuring

Tralle LOK

- 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° | 53



87142

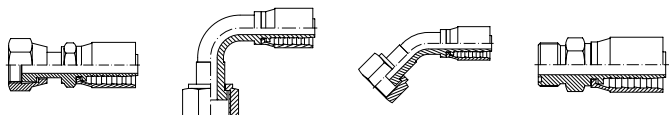
87138

87139

87140

87242

- ORFS One piece fittings R7/R8 / Conexiones una sola pieza R7/R8 ORFS / Einteilige Armaturen R7/R8 ORFS / Embouts pré-sertis R7/R8 ORFS | 54



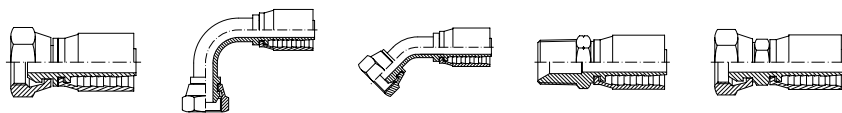
87900

87907

87908

87912

- 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 | 54



87261

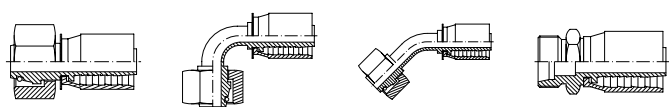
87262

87263

87161

87361

- Metric One piece fittings R7/R8 / Conexiones una sola pieza R7/R8 Métricas / Einteilige Armaturen R7/R8 metr. / Embouts pré-sertis R7/R8 Métriques | 55



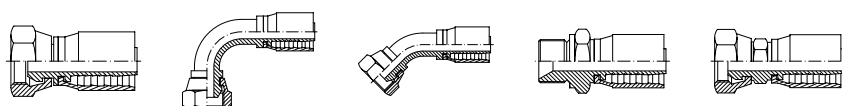
87804

87305

87306

87203

- BSP One piece fittings R7/R8 / Conexiones una sola pieza R7/R8 BSP / Einteilige Armaturen R7/R8 BSP / Embouts pré-sertis R7/R8 BSP | 56



87100

87107

87108

87112

87400

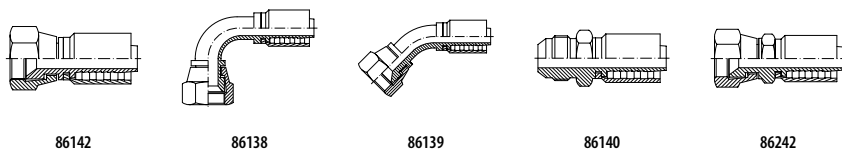
One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14

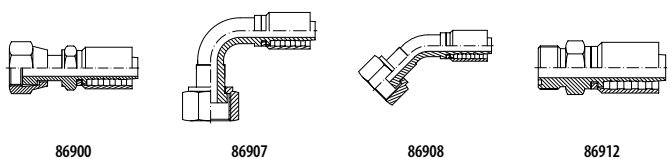
Einteilige Armaturen PTFE-Glattschlauch/ R14

Embouts pré-sertis pour PTFE lisse/ R14

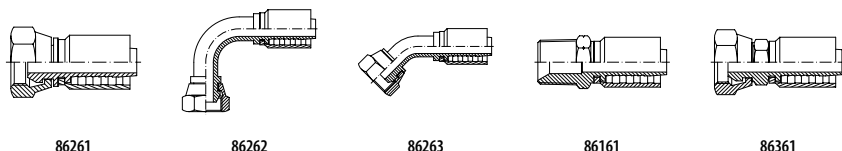
■ 37° JIC One piece fittings smooth PTFE / R14 / Conexiones una sola pieza PTFE liso / R14 JIC 37° / Einteilige Armaturen PTFE-Glattschlauch / R14 JIC Embouts pré-sertis PTFE lisse / R14 JIC 37°37° / 57



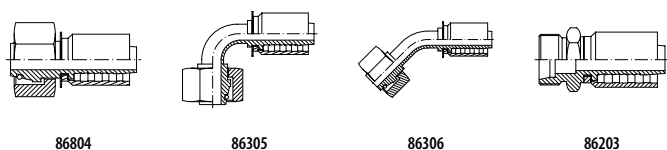
■ ORFS One piece fittings smooth PTFE / R14 / Conexiones una sola pieza PTFE liso / R14 ORFS / Einteilige Armaturen PTFE-Glattschlauch / R14 ORFS Embouts pré-sertis PTFE lisse / R14 ORFS / 58



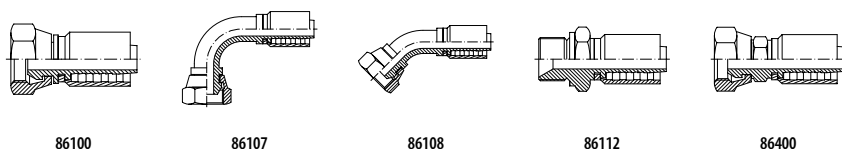
■ NPT-NPSM One piece fittings smooth PTFE / R14 / Conexiones una sola pieza PTFE liso / R14 NPT-NPSM / Einteilige Armaturen PTFE-Glattschlauch / R14 NPT-NPSM Embouts pré-sertis PTFE lisse / R14 NPT-NPSM / 59



■ 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 / 60



■ 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 / 61



Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

Tr/Ale LOK

One piece fittings for convoluted PTFE

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

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

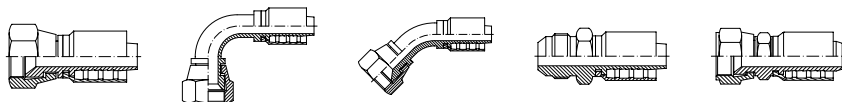
Control components

Flow measuring

Tralle LOK

- 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°/ |

62



85142

85138

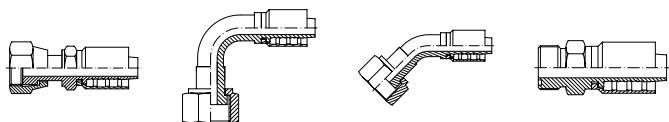
85139

85140

85242

- 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/ |

63



85900

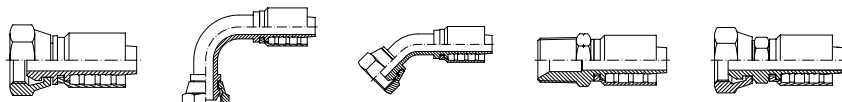
85907

85908

85912

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

64



85261

85262

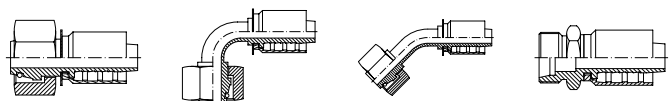
85263

85161

85361

- 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 |

65



85804

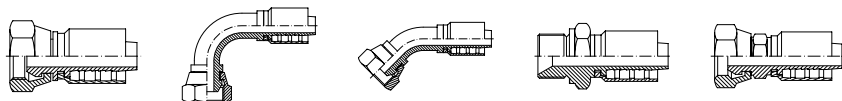
85305

85306

85203

- 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 |

66



85100

85107

85108

85112

85400

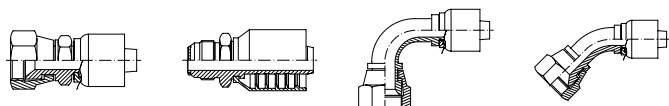
One piece fittings BW Series R12/4SP/4SH

Conexiones una sola pieza Serie BW R12/4SP/4SH

Einteilige Armaturen Serie BW R12/4SP/4SH

Embouts pré-sertis R12/4SP/4SH Série BW

■ One piece JIC 37° fittings / Conexiones una sola pieza JIC 37° / Einteilige Armaturen JIC 37° / Embouts pré-sertis JIC | 67



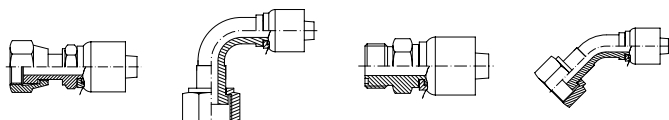
Z68242

Z68141

Z68138

Z68139

■ One piece ORFS fittings / Conexiones una sola pieza ORFS / Einteilige Armaturen ORFS / Embouts pré-sertis ORFS | 68



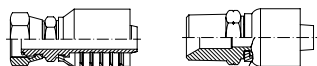
Z68901

Z68907

Z68912

Z68908

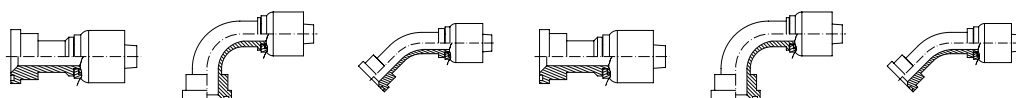
■ One piece NPT/NPSM fittings / Conexiones una sola pieza NPT/NPSM / Einteilige Armaturen NPT/NPSM / Embouts pré-sertis NPT/NPSM | 68



Z68461

Z68161

■ One piece SAE Flanges / Conexiones una sola pieza Bidas SAE / Einteilige Armaturen SAE-Flansche / Brides SAE pré-séries | 69



Z68182

Z68183

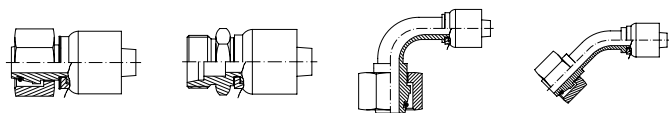
Z68184

Z68282

Z68283

Z68284

■ One piece Metric fittings / Conexiones una sola pieza Métricas DIN 2353 / Einteilige Armaturen metr. DIN 2353 / Embouts pré-sertis Métriques | 70



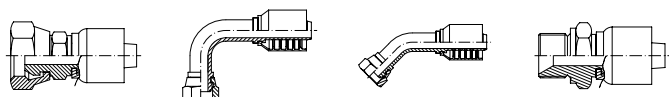
Z68204

Z68203

Z68205

Z68206

■ One piece BSP fittings / Conexiones una sola pieza BSP / Einteilige Armaturen BSP / Embouts pré-sertis BSP | 71



Z68400

Z68117

Z68118

Z68112

Ferrules for one piece fittings

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

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

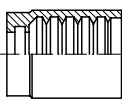
Accessories

Control components

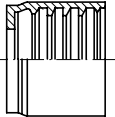
Flow measuring

Tralle LOK

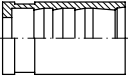
■ Ferrules for one piece fittings / Casquillos para Conexiones una sola pieza / Pressfassungen für einteilige Armaturen / Jupes pour embouts pré-sertis | 72



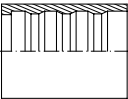
ZPFC2212



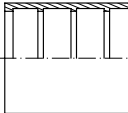
ZPF2224



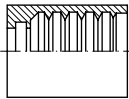
88012



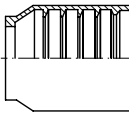
88040



88041



ZSCC2112



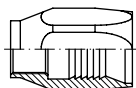
ZAC68010

Reusable series

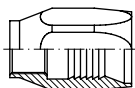
Conexiones Reusables
Schraubarmaturen
Embouts série récupérable

- Crimping ferrules / Casquillos reusables / Wiederverwendbare Pressfassungen / Jupes à sertir

73



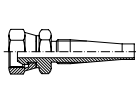
Z1G...R1T



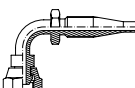
Z1G...R2T

- Reusable BSP / Conexiones BSP / Wiederverwendbare Armaturen BSP / Récuperables BSP

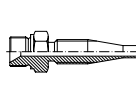
73



Z3G



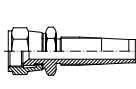
Z90G



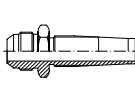
Z2G

- Reusable JIC 37° / Conexiones JIC 37° / Wiederverwendbare Armaturen JIC 37 / Récuperables JIC 37°

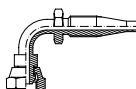
74



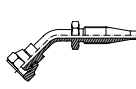
Z3J



Z2J



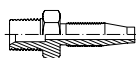
Z3J90



Z3J45

- Reusable NPT / Conexiones NPT / Wiederverwendbare Armaturen NPT / Récuperables NPT

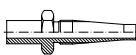
74



Z2NPT

- Reusable Metric / Conexiones Métricas / Wiederverwendbare Metrischen Armaturen / Récuperables Métriques

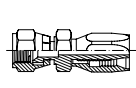
74



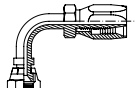
ZE

- Reusable R5 / Conexiones R5 / Wiederverwendbare Armaturen R5 / Récuperables R5

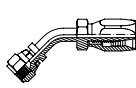
75



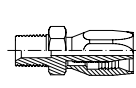
Z3J...R5



Z3J90...R5



Z2P...R5



Z3J45...R5

Push-On Fittings

Conexiones Push-On
Aufsteck-Armaturen
Embouts Push-On

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

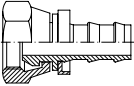
Accessories

Control components

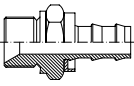
Flow measuring

Tralle LOK

- Push-on BSP fittings / Conexiones Push-On BSP / Aufsteck-Armaturen BSP / Embouts Push-on BSP | 76



89100

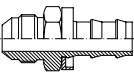


89112

- Push-on 37° JIC fittings / Conexiones Push-On JIC 37° / Aufsteck-Armaturen JIC 37° / Embouts Push-on JIC 37° | 76

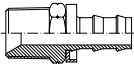


89142



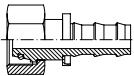
89140

- Push-on NPT fittings / Conexiones Push-On NPT / Aufsteck-Armaturen NPT / Embouts Push-on NPT | 76

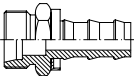


89161

- Push-on Metric fittings / Conexiones Push-On Métricas DIN 2383 / Aufsteck-Armaturen metr. DIN 2383 / Embouts Push-on Métriques | 76



89804



89203

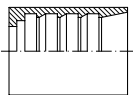
High pressure 700 bar fittings

Conexiones Alta Presión (700 bar)

Armaturen Hochdruck (700bar)

Embouts haute pression 700 bar

- Ferrules / Casquillos para prensar / Pressfassungen / Jupes à sertir | 77



Z71012

- BSP Fittings / Conexiones BSP / Armaturen BSP / Embouts BSP | 77



Z74100

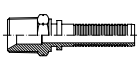


Z74112

- NPSM - NPT Fittings / Conexiones NPSM - NPT / Armaturen NPSM - NPT / Embouts NPSM - NPT | 77

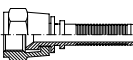


Z74261

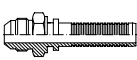


Z74161

- JIC 37° Fittings / Conexiones JIC 37° / Armaturen JIC 37° / Embouts JIC 37° | 77

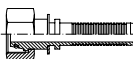


Z74142

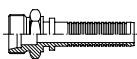


Z74140

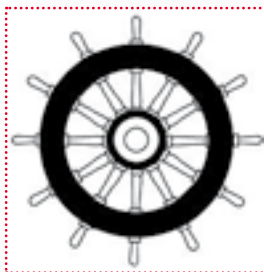
- Metric Fittings / Conexiones Métricas / Metr. Armaturen / Embouts métriques | 78



Z74804



Z74203



Mangueras/Hoses:

TrΔle[®]

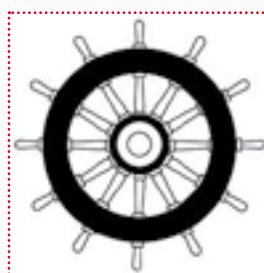
Mangueras/Hoses:

SEMPERIT 



**CONEXIONES FABRICADAS POR
FITTINGS MANUFACTURED BY**

DICSA



Standard series

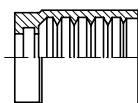
Conexiones Standard
Standardserie
Embouts série standard

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



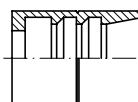
DN	Part n° Referencia	€
3/16"-R1AT	810200300	10,85
3/16"-R2AT	810300300	10,60
1/4"	ZPF221200400	7,52
5/16"	ZPF221200500	8,43
3/8"	ZPF221200600	9,50
1/2"	ZPF221200800	11,24
5/8"	ZPF221201000	14,26
3/4"	ZPF221201200	19,79
1"	ZPF221201600	30,70
1"1/4	ZPF221202000	52,58
1"1/2	ZPF221202400	65,56
2"	ZPF221203200	96,57

Ferrules R1A-1ST

Casquillos R1A-1ST

Pressfassungen R1A-1ST

Jupes R1A-1ST



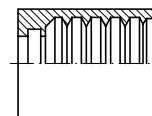
DN	Part n° Referencia	€
3/16"	820030300	9,97
1/4"	820030400	9,24
5/16"	820030500	9,63
3/8"	820030600	10,89
1/2"	820030800	13,32
5/8"	820031000	16,18
3/4"	820031200	20,29
1"	820031600	28,10
1"1/4	820032000	47,99
1"1/2	820032400	67,48
2"	820033200	97,20

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

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

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

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



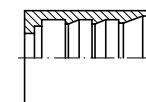
DN	Part n° Referencia	€
1/4"	ZSC21120400	9,20
5/16"	ZSC21120500	11,31
3/8"	ZSC21120600	11,41
1/2"	ZSC21120800	12,06
5/8"	ZSC21121000	15,79
3/4"	ZSC21121200	23,85
1"	ZSC21121600	33,38

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

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

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

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



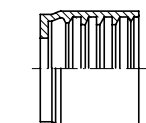
DN	Part n° Referencia	€
3/16" - R2A	820060300	9,16
1/4"	ZPF122400400	9,51
5/16"	ZPF122400500	10,14
3/8"	ZPF122400600	9,57
1/2"	ZPF122400800	11,25
5/8"	ZPF122401000	16,48
3/4"	ZPF122401200	19,91
1"	ZPF122401600	31,04
1"1/4	ZPF122402000	52,03
1"1/2	ZPF122402400	67,76
2"	ZPF122403200	105,54

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	Part n° Referencia	€
3/8"	ZPF222400600	10,42
1/2"	ZPF222400800	12,21
5/8"	ZPF222401000	17,88
3/4"	ZPF222401200	21,60
1"	ZPF222401600	33,68
1" 1/4	ZPF222402000	56,45

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

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

NO PELAR | NO SKIVING

3SP | 4SP | R12 | 4SH

ESPIGA STANDARD | STANDARD SERIES



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

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

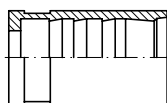
Flow measuring

Trtle LOK

Ferrules R7/R8 and metallic braid / R6

Casquillos R7/R8 y elastómero malla metálica / R6

Pressfassungen R7/R8 und Elastomer/ Metallumfl. / R6



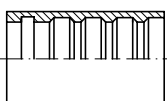
Jupes R7/R8 et tresse métallique / R6

DN	Part n° Referencia	€
1/8"	810140200	7,49
3/16"	810140300	7,21
1/4"	810140400	7,12
5/16"	810140500	7,30
3/8"	810140600	8,22
1/2"	810140800	10,34
5/8"	810141000	16,58
3/4"	810141200	15,78
1"	810141600	25,04

Ferrules for smooth PTFE

Casquillos PTFE Liso

Pressfassungen für PTFE-Glattschläuche



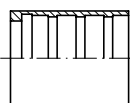
Jupes PTFE lisse

DN	Part n° Referencia	€
1/8"	810400100	7,91
3/16"	810400300	7,61
1/4"	810400400	6,22
5/16"	810400500	7,60
3/8"	810400600	6,55
1/2"	810400800	8,29
5/8"	810401000	11,02
3/4"	810401200	12,37
1"	810401600	20,17

Ferrules for convoluted PTFE

Casquillos PTFE Corrugado

Pressfassungen für PTFE-Wellschläuche mit Umfl.



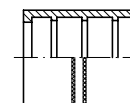
Jupes PTFE convoluté

DN	Part n° Referencia	€
1/4"	810410400	7,69
5/16"	810410500	7,81
3/8"	810410600	8,06
1/2"	810410800	9,14
5/8"	810411000	13,77
3/4"	810411201	17,09
1"	810411600	24,26
1"1/4	810412000	36,66
1"1/2	810412400	51,05
2"	810413200	81,70
2"1/2	810414000	113,62

Ferrules for Ecology hose and Sewer Jetting hose

Casquillos para mangueras Ecology y limpieza de alcantarillas

Pressf. für Schlauchtyp ECOLOGY und Abflussreinigung



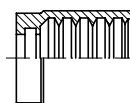
Jupes pour tuyau Ecology et tuyau Hydrocuration

DN	Part n° Referencia	€
3/4"	Z212001200	33,35
1"	Z212001600	45,16
1"1/4	Z212002000	69,08

Ferrules R4

Casquillos R4

Pressfassungen R4



Jupes R4

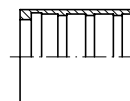
DN	Part n° Referencia	€
3/4"	ZPF221201200R4	25,74

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 Pressmaßtabelle auf unserer Webseite. / Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web.

Ferrules for double braid smooth PTFE

Casquillos PTFE Liso doble malla

Pressfassungen für PTFE-Glattschläuche Doppelgeflecht



Jupes PTFE lisse double tresse

DN	Part n° Referencia	€
1/4"	810450400	8,46
3/8"	810450600	11,08

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 Pressmaßtabelle auf unserer Webseite. / Pour les autres dimensions, voir tableau de sertissage disponible sur notre site web.



TrΔle® GOLD + RACOR INOX STAINLESS STEEL FITTING

COMBINACIÓN PERFECTA PARA OFFSHORE
A PERFECT MATCH FOR OFFSHORE



Standard series

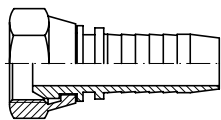
Conexiones Standard
Standardserie
Embouts série standard

BSP Swivel female 60° cone

Hembras giratorias rectas rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter DKR

Femelle gaz cylindrique BSP 60°



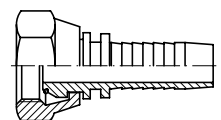
DN	THREAD ROSCA	Part n° Referencia	€
3.2 mm	1/8" BSP	841000201	15,98
1/8"	1/8" BSP	841000202	15,37
3/16"	1/8" BSP	841000203	12,70
1/4"	1/8" BSP	841000204	12,73
3/16"	1/4" BSP	841000403	11,62
1/4"	1/4" BSP	841000404	9,06
5/16"	1/4" BSP	841000405	12,11
3/8"	1/4" BSP	841000406	14,66
1/4"	3/8" BSP	841000604	13,79
5/16"	3/8" BSP	841000605	13,31
3/8"	3/8" BSP	841000606	11,32
1/2"	3/8" BSP	841000608	13,41
3/8"	1/2" BSP	841000806	15,47
1/2"	1/2" BSP	841000808	14,02
5/8"	1/2" BSP	841000810	24,54
1/2"	5/8" BSP	841001008	25,73
5/8"	5/8" BSP	841001010	29,35
1/2"	3/4" BSP	841001208	26,85
5/8"	3/4" BSP	841001210	24,20
3/4"	3/4" BSP	841001212	22,47
3/4"	1" BSP	841001612	39,10
1"	1" BSP	841001616	37,72
1"	1 1/4" BSP	841002016	69,02
1 1/4"	1 1/4" BSP	841002020	73,38
1 1/4"	1 1/2" BSP	841002420	96,60
1 1/2"	1 1/2" BSP	841002424	85,49
1 1/2"	2" BSP	841003224	166,32
2"	2" BSP	841003232	142,27

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



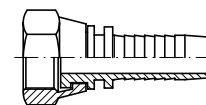
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	841100404	12,55
3/8"	3/8" BSP	841100606	14,20
3/8"	1/2" BSP	841100806	22,79
1/2"	1/2" BSP	841100808	16,62
1/2"	3/4" BSP	841101208	31,47
5/8"	3/4" BSP	841101210	29,51
3/4"	3/4" BSP	841101212	23,92
1"	1" BSP	841101616	44,30
1 1/4"	1 1/4" BSP	841102020	70,41
1 1/2"	1 1/2" BSP	841102424	102,24
2"	2" BSP	841103232	173,77

BSP Swivel female flat seat

Hembras giratorias rectas rosca BSP asiento plano

Dichtkopf mit BSP Ü-Mutter flachdichtend DKR-FLD

Femelle fond plat BSP



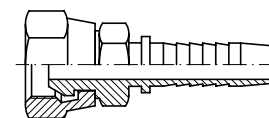
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	842000404	10,59
1/4"	3/8" BSP	842000604	19,95
5/16"	3/8" BSP	842000605	17,51
3/8"	3/8" BSP	842000606	12,58
1/2"	3/8" BSP	842000608	21,05
1/4"	1/2" BSP	842000804	32,39
3/8"	1/2" BSP	842000806	19,92
1/2"	1/2" BSP	842000808	16,08
1/2"	3/4" BSP	842001208	30,11
5/8"	3/4" BSP	842001210	28,79
3/4"	3/4" BSP	842001212	24,24
3/4"	1" BSP	842001612	40,96
1"	1" BSP	842001616	40,74
1"	1 1/4" BSP	842002016	75,93
1 1/4"	1 1/4" BSP	842002020	71,20
1 1/2"	1 1/2" BSP	842002424	94,04
2"	2" BSP	842003232	156,50

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 cone 60° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	844000404	20,90
5/16"	3/8" BSP	844000605	21,63
3/8"	3/8" BSP	844000606	21,49
1/2"	1/2" BSP	844000808	23,92
3/4"	3/4" BSP	844001212	38,97
1"	1" BSP	844001616	62,00
1 1/4"	1 1/4" BSP	844002020	83,43
1 1/2"	1 1/2" BSP	844002424	130,45
2"	2" BSP	844003232	226,93

Standard series

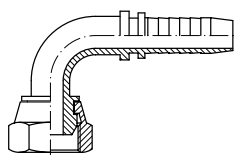
Conexiones Standard
Standardserie
Embouts série standard

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	THREAD ROSCA	Part n° Referencia	€
3/16"	1/8" BSP	841070203 *	30,66
3/16"	1/4" BSP	841070403	24,06
1/4"	1/4" BSP	841070404	18,93
5/16"	1/4" BSP	841070405 *	38,86
1/4"	3/8" BSP	841070604	27,03
5/16"	3/8" BSP	841070605	27,56
3/8"	3/8" BSP	841070606	21,17
1/4"	1/2" BSP	841070804	42,02
3/8"	1/2" BSP	841070806	32,40
1/2"	1/2" BSP	841070808	27,17
5/8"	5/8" BSP	841071010	48,62
1/2"	3/4" BSP	841071208	48,59
5/8"	3/4" BSP	841071210	53,16
3/4"	3/4" BSP	841071212	45,33
3/4"	1" BSP	841071612	67,38
1"	1" BSP	841071616	66,72
1"	1" 1/4 BSP	841072016	124,24
1" 1/4"	1" 1/4 BSP	841072020	122,40
1" 1/2"	1" 1/2 BSP	841072424	164,43
2"	2" BSP	841073232	310,62

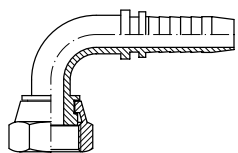
*Welded piece / *Pieza soldada / *Geschweißte stück / *Pièce soudé

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



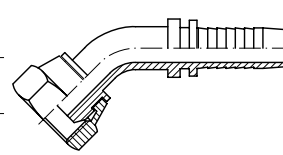
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	842070404	25,82
5/16"	3/8" BSP	842070605	31,17
3/8"	3/8" BSP	842070606	28,68
1/2"	1/2" BSP	842070808	34,34
3/4"	3/4" BSP	842071212	49,40
3/4"	1" BSP	842071612	80,51
1"	1" BSP	842071616	77,05
1" 1/4"	1" 1/4 BSP	842072020	152,53
1" 1/2"	1" 1/2 BSP	842072424	175,85
2"	2" BSP	842073232	396,51

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°



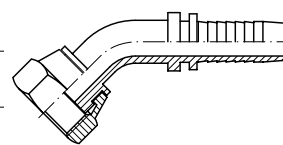
DN	THREAD ROSCA	Part n° Referencia	€
3/16"	1/4" BSP	841080403	24,06
1/4"	1/4" BSP	841080404	18,93
1/4"	3/8" BSP	841080604	27,03
5/16"	3/8" BSP	841080605	27,56
3/8"	3/8" BSP	841080606	21,17
1/4"	1/2" BSP	841080804	42,02
3/8"	1/2" BSP	841080806	32,40
1/2"	1/2" BSP	841080808	27,17
5/8"	5/8" BSP	841081010	48,62
1/2"	3/4" BSP	841081208	48,59
5/8"	3/4" BSP	841081210	53,16
3/4"	3/4" BSP	841081212	45,33
3/4"	1" BSP	841081612	67,38
1"	1" BSP	841081616	66,72
1"	1" 1/4 BSP	841082016	124,24
1" 1/4"	1" 1/4 BSP	841082020	122,40
1" 1/2"	1" 1/2 BSP	841082424	164,43
2"	2" BSP	841083232	310,62

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



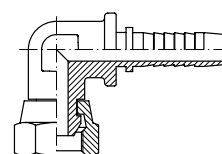
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	842080404	25,82
5/16"	3/8" BSP	842080605	31,17
3/8"	3/8" BSP	842080606	28,68
3/8"	1/2" BSP	842080806	38,63
1/2"	1/2" BSP	842080808	34,34
3/4"	3/4" BSP	842081212	49,40
3/4"	1" BSP	842081612	80,51
1"	1" BSP	842081616	77,05
1" 1/4"	1" 1/4 BSP	842082020	152,53
1" 1/2"	1" 1/2 BSP	842082424	175,85
2"	2" BSP	842083232	396,51

BSP swivel female 60° (90° Compact Elbow)

Hembras giratorias 90° compactas rosca BSP cono 60°

Dichtkopf BSP 60° kon. DKR einteilig 90°

Femelle coudé 90° compact BSP cono 60°



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	841270404	47,58
3/8"	3/8" BSP	841270606	49,73
1/2"	1/2" BSP	841270808	77,17
3/4"	3/4" BSP	841271212	96,65
1"	1" BSP	841271616	140,92

Standard series

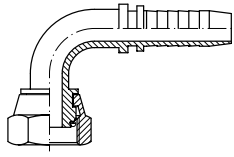
Conexiones Standard
Standardserie
Embouts série standard

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



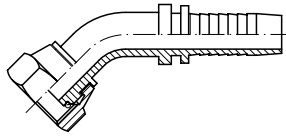
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	841170404	26,81
3/8"	3/8" BSP	841170606	31,40
3/8"	1/2" BSP	841170806	41,12
1/2"	1/2" BSP	841170808	35,71
1/2"	3/4" BSP	841171208	62,71
5/8"	3/4" BSP	841171210	53,30
3/4"	3/4" BSP	841171212	50,88
1"	1" BSP	841171616	80,16
1"1/4	1"1/4 BSP	841172020	140,09
1"1/2	1"1/2 BSP	841172424	188,35
2"	2" BSP	841173232	423,95

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



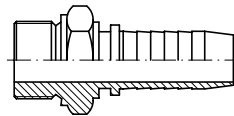
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	841180404	26,81
3/8"	3/8" BSP	841180606	31,40
3/8"	1/2" BSP	841180806	41,12
1/2"	1/2" BSP	841180808	35,71
1/2"	3/4" BSP	841181208	62,71
5/8"	3/4" BSP	841181210	53,30
3/4"	3/4" BSP	841181212	50,88
1"	1" BSP	841181616	80,16
1"1/4	1"1/4 BSP	841182020	140,09
1"1/2	1"1/2 BSP	841182424	188,35
2"	2" BSP	841183232	423,95

BSP Male flat seat

Machos rosca cilíndrica BSP asiento plano

BSP Außengewinde flachdichtend AGR-K

Mâle BSP fond plat



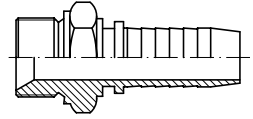
DN	THREAD ROSCA	Part n° Referencia	€
3/16"	1/4" BSP	842120403	20,70
1/4"	1/4" BSP	842120404	14,46
5/16"	3/8" BSP	842120605	21,28
3/8"	3/8" BSP	842120606	17,27
3/8"	1/2" BSP	842120806	23,42
1/2"	1/2" BSP	842120808	19,26
5/8"	5/8" BSP	842121010	33,84
3/4"	3/4" BSP	842121212	25,86
3/4"	1" BSP	842121612	51,21
1"	1" BSP	842121616	46,66
1"	1" 1/4 BSP	842122016	96,17
1"1/4	1"1/4 BSP	842122020	87,79
1"1/2	1"1/2 BSP	842122424	120,87
2"	2" BSP	842123232	155,67

BSP Male-parallel 60° cone

Machos rosca cilíndrica BSP cono 60°

Außengewinde BSP NORM AGR

Mâle BSP cône 60°



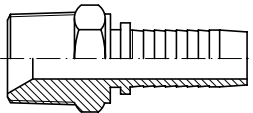
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/8" BSP	841120204	20,54
3/16"	1/4" BSP	841120403	20,70
1/4"	1/4" BSP	841120404	12,32
3/8"	1/4" BSP	841120406	21,93
1/4"	3/8" BSP	841120604	23,17
5/16"	3/8" BSP	841120605	17,05
3/8"	3/8" BSP	841120606	13,12
3/8"	1/2" BSP	841120806	17,98
1/2"	1/2" BSP	841120808	16,85
5/8"	5/8" BSP	841121010	33,42
5/8"	3/4" BSP	841121210	29,74
3/4"	3/4" BSP	841121212	24,54
3/4"	1" BSP	841121612	50,48
1"	1" BSP	841121616	47,12
1"	1"1/4 BSP	841122016	84,80
1"1/4	1"1/4 BSP	841122020	80,49
1"1/4	1"1/2 BSP	841122420	102,13
1"1/2	1"1/2 BSP	841122424	95,61
2"	2" BSP	841123232	154,13

Male BSPT tapered

Macho rosca cónica BSPT cono 60°

Außengewinde BSPT Kegelig

Mâle gaz conique BSPT 60°



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSPT	841140404	10,73
5/16"	1/4" BSPT	841140405	17,70
3/8"	1/4" BSPT	841140406	18,00
1/4"	3/8" BSPT	841140604	20,31
5/16"	3/8" BSPT	841140605	18,78
3/8"	3/8" BSPT	841140606	14,11
1/2"	3/8" BSPT	841140608	19,39
3/8"	1/2" BSPT	841140806	23,72
1/2"	1/2" BSPT	841140808	15,76
5/8"	1/2" BSPT	841140810	27,38
1/2"	3/4" BSPT	841141208	28,77
5/8"	3/4" BSPT	841141210	26,61
3/4"	3/4" BSPT	841141212	23,57
3/4"	1" BSPT	841141612	40,79
1"	1" BSPT	841141616	38,95
1"	1"1/4 BSPT	841142016	77,68
1"1/4	1"1/4 BSPT	841142020	69,78
1"1/4	1"1/2 BSPT	841142420	103,06
1"1/2	1"1/2 BSPT	841142424	86,11
2"	2" BSPT	841143232	144,39

Standard series

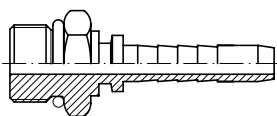
Conexiones Standard
Standardserie
Embouts série standard

O'Ring Boss Male

Machos O'Ring Boss

Außengewinde O'Ring Boss

Mâle O'Ring Boss



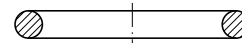
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16"-20h UNF	847120604	16,88
3/8"	9/16"-18h UNF	847121006	17,12
1/2"	3/4"-16h UNF	847121208	19,82
5/8"	7/8"-14h UNF	847121610	24,65
3/4"	1"1/16-12h UN	847122012	49,43
1"	1"5/16-12h UN	847122516	82,78

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



THREAD ROSCA	Part n° Referencia	€
1/4" BSP	JTVBSP04	0,17
3/8" BSP	JTVBSP06	0,18
1/2" BSP	JTVBSP08	0,19
5/8" BSP	JTVBSP10	0,19
3/4" BSP	JTVBSP12	0,22
1" BSP	JTVBSP16	0,30
1"1/4 BSP	JTVBSP20	0,45
1"1/2 BSP	JTVBSP24	0,58
2" BSP	JTVBSP32	0,84

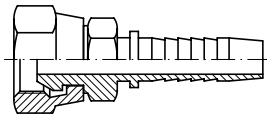
Standard series

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



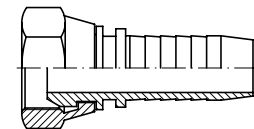
Femelle NPSM cone 60° double hexagonal

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	843610404	26,28
3/8"	3/8" 18h NPSM	843610606	27,07
1/2"	1/2" 14h NPSM	843610808	29,93
3/4"	3/4" 14h NPSM	843611212	43,64
1"	1" - 11 1/2h NPSM	843611616	69,44

NPSM Swivel female 60° cone

Hembras giratorias rectas rosca NPSM cono 60°

Dichtkopf mit NPSM Ü-Muttern kon. 60°



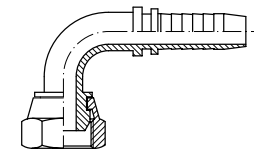
Femelle NPSM cone 60°

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	842610404	13,83
3/8"	3/8" 18h NPSM	842610606	14,39
1/2"	1/2" 14h NPSM	842610808	19,07
3/4"	3/4" 14h NPSM	842611212	29,09
3/4"	1"-11 1/2h NPSM	842611612	47,36
1"	1"-11 1/2h NPSM	842611616	45,98
1"1/2	1"1/2-11 1/2h NPSM	842612424	97,20

NPSM Swivel female 60° cone (90° Elbow)

Hembras giratorias 90° rosca NPSM cono 60°

Dichtkopf mit NPSM Ü-Mutter 60° kon. 90°



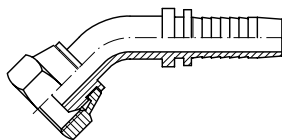
Coude 90° femelle NPSM cone 60°

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	842620404	23,64
3/8"	3/8" 18h NPSM	842620606	25,60
1/2"	1/2" 14h NPSM	842620808	33,18
3/4"	3/4" 14h NPSM	842621212	57,63
1"	1"-11 1/2h NPSM	842621616	78,00

NPSM Swivel female 60° cone (45° Elbow)

Hembras giratorias 45° rosca NPSM cono 60°

Dichtkopf mit NPSM Ü-Mutter 60° kon. 45°



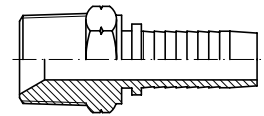
Coude 45° femelle NPSM cone 60°

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	842630404	23,64
3/8"	3/8" 18h NPSM	842630606	25,60
1/2"	1/2" 14h NPSM	842630808	33,18
3/4"	3/4" 14h NPSM	842631212	57,63
1"	1"-11 1/2h NPSM	842631616	78,00

NPT Male pipe straight

Machos rosca cónica NPT

Außengewinde kon. NPT AGN



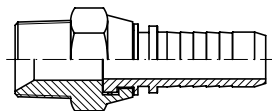
Embout mâle conique NPT (BRIGGS)

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/8" NPT	841610204	17,43
3/16"	1/4" NPT	841610403	16,54
1/4"	1/4" NPT	841610404	11,36
5/16"	1/4" NPT	841610405	18,06
3/8"	1/4" NPT	841610406	18,34
1/4"	3/8" NPT	841610604	17,94
5/16"	3/8" NPT	841610605	18,93
3/8"	3/8" NPT	841610606	12,31
1/2"	3/8" NPT	841610608	22,88
1/4"	1/2" NPT	841610804	23,60
3/8"	1/2" NPT	841610806	26,68
1/2"	1/2" NPT	841610808	17,38
5/8"	1/2" NPT	841610810	21,94
1/2"	3/4" NPT	841611208	27,86
5/8"	3/4" NPT	841611210	29,69
3/4"	3/4" NPT	841611212	23,63
3/4"	1" NPT	841611612	44,47
1"	1" NPT	841611616	39,99
1"	1"1/4 NPT	841612016	75,08
1"1/4	1"1/4 NPT	841612020	73,58
1"1/4	1"1/2 NPT	841612420	95,09
1"1/2	1"1/2 NPT	841612424	88,44
2"	2" NPT	841613232	146,56

Swivel male NPT

Machos giratorios NPT

Außengewinde NPT



Mâle tournant NPT

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" NPT	841650404	42,46
3/8"	3/8" NPT	841650606	45,50
1/2"	1/2" NPT	841650808	49,46
3/4"	3/4" NPT	841651212	71,01
3/4"	1" NPT	841651612	112,62
1"	1" NPT	841651616	105,19

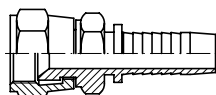
Standard series

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



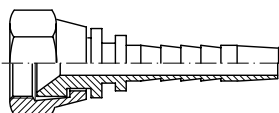
Femelle JIC 37° double hexagonal

DN	THREAD ROSCA	Part n° Referencia	€
3/16"	7/16" 20h UNF	842420703	16,98
1/4"	7/16" 20h UNF	842420704	15,28
5/16"	7/16" 20h UNF	842420705	17,79
1/4"	1/2" 20h UNF	842420804	19,96
3/8"	1/2" 20h UNF	842420806	23,75
5/16"	9/16" 18h UNF	842420905	25,00
3/8"	9/16" 18h UNF	842420906	16,82
3/8"	3/4" 16h UNF	842421206	22,20
1/2"	3/4" 16h UNF	842421208	18,32
5/8"	3/4" 16h UNF	842421210	26,64
1/2"	7/8" 14h UNF	842421408	31,12
5/8"	7/8" 14h UNF	842421410	33,81
3/4"	7/8" 14h UNF	842421412	36,51
5/8"	1" 1/16 12h UN	842421710	35,18
3/4"	1" 1/16 12h UN	842421712	33,08
1"	1" 1/16 12h UN	842421716	55,40
3/4"	1" 5/16 12h UN	842422112	51,97
1"	1" 5/16 12h UN	842422116	50,86
1" 1/4"	1" 5/8 12h UN	842422620	103,83
1" 1/2"	1" 7/8 12h UN	842423024	134,86
2"	2" 1/2 12h UN	842424032	260,45

JIC 37° Swivel female

Hembras giratorias recta JIC 37°

Dichtkonus mit Ü-Mutter JIC 37°



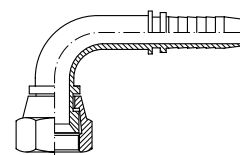
Femelle droite JIC cone 37°

DN	THREAD ROSCA	Part n° Referencia	€
3.2 mm	7/16" 20h UNF	841420701	16,46
3/16"	7/16" 20h UNF	841420703	13,10
1/4"	7/16" 20h UNF	841420704	11,02
3/16"	1/2" 20h UNF	841420803	15,11
1/4"	1/2" 20h UNF	841420804	12,20
5/16"	1/2" 20h UNF	841420805	13,55
1/4"	9/16" 18h UNF	841420904	13,63
5/16"	9/16" 18h UNF	841420905	12,57
3/8"	9/16" 18h UNF	841420906	12,94
3/8"	3/4" 16h UNF	841421206	15,80
1/2"	3/4" 16h UNF	841421208	16,12
3/8"	7/8" 14h UNF	841421406	20,86
1/2"	7/8" 14h UNF	841421408	17,92
5/8"	7/8" 14h UNF	841421410	21,51
1/2"	1" 1/16 12h UN	841421708	36,36
5/8"	1" 1/16 12h UN	841421710	28,93
3/4"	1" 1/16 12h UN	841421712	23,93
1"	1" 1/16 12h UN	841421716	36,12
3/4"	1" 5/16 12h UN	841422112	36,17
1"	1" 5/16 12h UN	841422116	39,66
1"	1" 5/8 12h UN	841422616	61,23
1" 1/4"	1" 5/8 12h UN	841422620	67,03
1" 1/4"	1" 7/8 12h UN	841423020	130,26
1" 1/2"	1" 7/8 12h UN	841423024	100,78
2"	2" 1/2 12h UN	841424032	186,80

JIC 37° Swivel female (90° Elbow)

Hembras giratorias 90° JIC 37°

Dichtkonus JIC 37° DKJ 90°



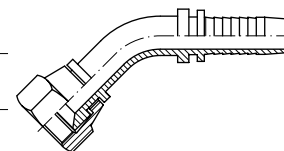
Coude 90° femelle JIC cone 37°

DN	THREAD ROSCA	Part n° Referencia	€
3/16"	7/16" 20h UNF	841380703	26,68
1/4"	7/16" 20h UNF	841380704	20,00
1/4"	1/2" 20h UNF	841380804	23,50
5/16"	1/2" 20h UNF	841380805	30,73
1/4"	9/16" 18h UNF	841380904	34,14
5/16"	9/16" 18h UNF	841380905	26,10
3/8"	9/16" 18h UNF	841380906	24,89
3/8"	3/4" 16h UNF	841381206	31,11
1/2"	3/4" 16h UNF	841381208	27,02
3/8"	7/8" 14h UNF	841381406	36,74
1/2"	7/8" 14h UNF	841381408	32,32
5/8"	7/8" 14h UNF	841381410	38,51
5/8"	1" 1/16 12h UN	841381710	44,49
3/4"	1" 1/16 12h UN	841381712	47,51
3/4"	1" 5/16 12h UN	841382112	71,86
1"	1" 5/16 12h UN	841382116	73,02
1"	1" 5/8 12h UN	841382616	142,85
1" 1/4"	1" 5/8 12h UN	841382620	127,74
1" 1/4"	1" 7/8 12h UN	841383020	208,31
1" 1/2"	1" 7/8 12h UN	841383024	193,56
2"	2" 1/2 12h UN	841384032	466,99

JIC 37° Swivel female (45° Elbow)

Hembras giratorias 45° JIC 37°

Dichtkonus JIC 37° DKJ 45°



Coude 45° femelle JIC cone 37°

DN	THREAD ROSCA	Part n° Referencia	€
3/16"	7/16" 20h UNF	841390703	26,68
1/4"	7/16" 20h UNF	841390704	20,00
1/4"	1/2" 20h UNF	841390804	23,50
5/16"	1/2" 20h UNF	841390805	30,73
1/4"	9/16" 18h UNF	841390904	34,14
5/16"	9/16" 18h UNF	841390905	26,10
3/8"	9/16" 18h UNF	841390906	24,89
3/8"	3/4" 16h UNF	841391206	31,11
1/2"	3/4" 16h UNF	841391208	27,02
3/8"	7/8" 14h UNF	841391406	36,74
1/2"	7/8" 14h UNF	841391408	32,32
5/8"	7/8" 14h UNF	841391410	38,51
5/8"	1" 1/16 12h UN	841391710	44,49
3/4"	1" 1/16 12h UN	841391712	47,51
3/4"	1" 5/16 12h UN	841392112	71,86
1"	1" 5/16 12h UN	841392116	73,02
1"	1" 5/8 12h UN	841392616	142,85
1" 1/4"	1" 5/8 12h UN	841392620	127,74
1" 1/4"	1" 7/8 12h UN	841393020	208,31
1" 1/2"	1" 7/8 12h UN	841393024	193,56
2"	2" 1/2 12h UN	841394032	466,99

Standard series

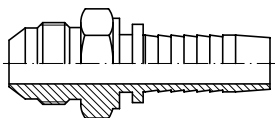
Conexiones Standard
Standardserie
Embouts série standard

Male JIC 37°

Machos rosca JIC cono 37°

Außengewinde JIC 37° AGJ

Mâle fixe JIC cone 37°



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	841400704	15,44
1/4"	1/2" 20h UNF	841400804	16,02
5/16"	1/2" 20h UNF	841400805	16,65
1/4"	9/16" 18h UNF	841400904	18,66
5/16"	9/16" 18h UNF	841400905	22,47
3/8"	9/16" 18h UNF	841400906	19,95
1/4"	3/4" 16h UNF	841401204	33,54
3/8"	3/4" 16h UNF	841401206	16,63
1/2"	3/4" 16h UNF	841401208	18,92
3/8"	7/8" 14h UNF	841401406	25,05
1/2"	7/8" 14h UNF	841401408	18,60
5/8"	7/8" 14h UNF	841401410	24,86
5/8"	1"1/16 12h UN	841401710	33,92
3/4"	1"1/16 12h UN	841401712	28,94
1"	1"1/16 12h UN	841401716	34,38
3/4"	1"5/16 12h UN	841402112	49,38
1"	1"5/16 12h UN	841402116	50,87
1"	1"5/8 12h UN	841402616	82,17
1"1/4	1"5/8 12h UN	841402620	74,46
1"1/2	1"7/8 12h UN	841403024	95,50
2"	2"1/2 12h UN	841404032	215,62

Male JIC 37° with o'ring

Machos rosca JIC cono 37° con junta

Außengewinde JIC 37° AGJ mit Dichtung

Mâle fixe JIC cone 37° avec o'ring



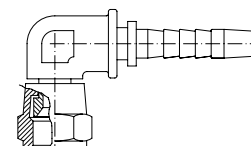
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	841410704	18,28
3/8"	9/16" 18h UNF	841410906	20,61
1/2"	3/4" 16h UNF	841411208	25,66
3/4"	1"1/16 12h UN	841411712	47,71
1"	1"5/16 12h UN	841412116	60,23
1"1/4	1"5/8 12h UN	841412620	117,03
1"1/2	1"7/8 12h UN	841413024	149,56
2"	2"1/2 12h UN	841414032	371,30

JIC 37° Swivel female (90° Compact Elbow)

Hembras giratorias 90° compactas JIC 37°

Dichtkonus JIC 37° einteilig 90° DKJ

Femelle coudé 90° compact JIC cone 37°



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	841370704	53,53
3/8"	9/16" 18h UNF	841370906	55,48
1/2"	3/4" 16h UNF	841371208	62,43
3/4"	1"1/16 12h UNF	841371712	102,46
1"	1"5/16 12h UNF	841372116	140,27

Standard series

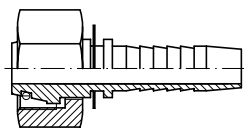
Conexiones Standard
Standardserie
Embouts série standard

Metric female swivel with o'ring 24° cone

Hembras giratorias rectas rosca Métrica cono 24°
con junta tórica - DKO

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

Femelle Métrique avec o'ring cône 24°



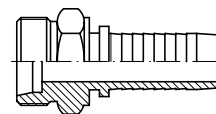
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
3/16"	6	L	M12x1.5	84804120603	13,12
1/4"	6	L	M12x1.5	84804120604	10,85
1/4"	8	L	M14x1.5	84804140804	9,71
5/16"	8	L	M14x1.5	84804140805	12,61
3/8"	8	L	M 14x1.5	84804140806	18,69
3/8"	8	L	M16x1.5	84804160806	15,16
1/4"	10	L	M16x1.5	84804161004	12,28
5/16"	10	L	M16x1.5	84804161005	11,80
3/8"	10	L	M16x1.5	84804161006	12,18
1/4"	12	L	M18x1.5	84804181204	18,94
5/16"	12	L	M18x1.5	84804181205	15,06
3/8"	12	L	M18x1.5	84804181206	11,82
1/2"	12	L	M 18x1.5	84804181208	25,50
1/4"	15	L	M22x1.5	84804221504	21,37
5/16"	15	L	M22x1.5	84804221505	20,82
3/8"	15	L	M22x1.5	84804221506	17,98
1/2"	15	L	M22x1.5	84804221508	17,26
3/8"	18	L	M26x1.5	84804261806	26,29
1/2"	18	L	M26x1.5	84804261808	25,95
5/8"	18	L	M26x1.5	84804261810	23,82
3/4"	18	L	M26x1.5	84804261812	32,30
1/2"	22	L	M30x2	84804302208	34,75
3/4"	22	L	M30x2	84804302212	29,12
3/4"	28	L	M36x2	84804362812	48,44
1"	28	L	M36x2	84804362816	45,53
1"	35	L	M45x2	84804453516	87,52
1"1/4	35	L	M45x2	84804453520	71,97
1"1/4	42	L	M52x2	84804524220	106,60
1"1/2	42	L	M52x2	84804524224	93,91
2"	42	L	M52x2	84804524232	182,70
1/4"	6	S	M14x1.5	84804140604	15,12
1/4"	8	S	M16x1.5	84804160804	13,30
5/16"	8	S	M16x1.5	84804160805	15,29
1/4"	10	S	M18x1.5	84804181004	13,07
5/16"	10	S	M18x1.5	84804181005	19,74
3/8"	10	S	M18x1.5	84804181006	20,73
5/16"	12	S	M20x1.5	84804201205	16,98
3/8"	12	S	M20x1.5	84804201206	14,53
1/2"	12	S	M20x1.5	84804201208	19,90
5/16"	14	S	M22x1.5	84804221405	20,47
3/8"	14	S	M22x1.5	84804221406	18,95
1/4"	16	S	M24x1.5	84804241604	25,87
5/16"	16	S	M24x1.5	84804241605	25,35
3/8"	16	S	M24x1.5	84804241606	23,47
1/2"	16	S	M24x1.5	84804241608	17,06
5/8"	16	S	M24x1.5	84804241610	26,13
1/2"	20	S	M30x2	84804302008	30,87
5/8"	20	S	M30x2	84804302010	24,66
3/4"	20	S	M30x2	84804302012	40,19
5/8"	25	S	M36x2	84804362510	49,43
3/4"	25	S	M36x2	84804362512	45,77
1"	25	S	M36x2	84804362516	55,09
3/4"	30	S	M42x2	84804423012	67,06
1"	30	S	M42x2	84804423016	62,09
1"1/4	38	S	M52x2	84804523820	97,61

Metric Male stud 24° cone

Machos rosca Métrica cono 24°

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

Mâle métrique cône 24°



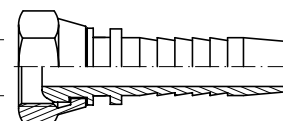
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	6	L	M12x1.5	84203120604	19,85
1/4"	8	L	M14x1.5	84203140804	13,79
1/4"	10	L	M16x1.5	84203161004	16,44
5/16"	10	L	M16x1.5	84203161005	20,25
3/8"	10	L	M16x1.5	84203161006	17,22
1/4"	12	L	M18x1.5	84203181204	18,24
5/16"	12	L	M18x1.5	84203181205	17,73
3/8"	12	L	M18x1.5	84203181206	10,88
3/8"	15	L	M22x1.5	84203221506	21,37
1/2"	15	L	M22x1.5	84203221508	17,28
1/2"	18	L	M26x1.5	84203261808	24,56
5/8"	18	L	M26x1.5	84203261810	23,70
3/4"	22	L	M30x2	84203302212	31,38
1"	28	L	M36x2	84203362816	49,19
1"1/4	35	L	M45x2	84203453520	70,04
1"1/2	42	L	M52x2	84203524224	111,90
1/4"	6	S	M14x1.5	84203140604	20,01
1/4"	8	S	M16x1.5	84203160804	16,80
1/4"	10	S	M18x1.5	84203181004	23,48
5/16"	10	S	M18x1.5	84203181005	29,05
3/8"	10	S	M18x1.5	84203181006	20,68
5/16"	12	S	M20x1.5	84203201205	20,34
3/8"	12	S	M20x1.5	84203201206	21,37
3/8"	14	S	M22x1.5	84203221406	25,25
1/2"	14	S	M22x1.5	84203221408	30,97
1/2"	16	S	M24x1.5	84203241608	18,49
5/8"	20	S	M30x2	84203302010	32,20
3/4"	20	S	M30x2	84203302012	33,39
3/4"	25	S	M36x2	84203362512	47,69
1"	25	S	M36x2	84203362516	59,99
1"	30	S	M42x2	84203423016	78,31
1"1/4	38	S	M52x2	84203523820	110,27

Metric female swivel 24°/60° cone

Hembras giratorias rectas rosca Métrica cono
24°/60°

Überwurfmutter metr. kon. 24°/60°

Femelle Métrique cône 24°/60°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	8	L	M14x1.5	84404140804	13,59
1/4"	10	L	M16x1.5	84404161004	17,19
5/16"	10	L	M16x1.5	84404161005	17,64
3/8"	10	L	M16x1.5	84404161006	17,58
5/16"	12	L	M18x1.5	84404181205	21,08
3/8"	12	L	M18x1.5	84404181206	16,55
3/8"	15	L	M22x1.5	84404221506	25,17
1/2"	15	L	M22x1.5	84404221508	22,39
5/8"	18	L	M26x1.5	84404261810	33,35

Standard series

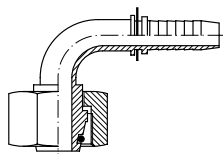
Conexiones Standard
Standardserie
Embouts série standard

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

Hembras giratorias 90° Métricas cono 24° con junta tórica - DKO 90°

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

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



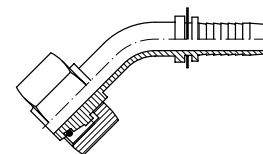
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
3/16"	6	L	M12x1.5	84305120603	26,42
1/4"	6	L	M12x1.5	84305120604	21,53
1/4"	8	L	M14x1.5	84305140804	20,49
5/16"	8	L	M14x1.5	84305140805	21,92
1/4"	10	L	M16x1.5	84305161004	24,02
5/16"	10	L	M16x1.5	84305161005	27,70
3/8"	10	L	M16x1.5	84305161006	26,42
1/4"	12	L	M18x1.5	84305181204	32,90
5/16"	12	L	M18x1.5	84305181205	32,03
3/8"	12	L	M18x1.5	84305181206	24,44
1/2"	12	L	M18x1.5	84305181208	37,54
1/2"	15	L	M22x1.5	84305221508	29,68
1/2"	18	L	M26x1.5	84305261808	47,09
5/8"	18	L	M26x1.5	84305261810	44,24
5/8"	22	L	30x2	84305302210	55,87
3/4"	22	L	M30x2	84305302212	52,80
3/4"	28	L	36x2	84305362812	83,85
1"	28	L	M36x2	84305362816	77,64
1" 1/4	35	L	M45x2	84305453520	130,60
1" 1/2	42	L	M52x2	84305524224	202,58
3/16"	6	S	M14x1.5	84305140603	33,40
1/4"	6	S	M14x1.5	84305140604	25,24
1/4"	8	S	M16x1.5	84305160804	24,89
5/16"	8	S	M16x1.5	84305160805	27,38
1/4"	10	S	M18x1.5	84305181004	25,28
5/16"	10	S	M18x1.5	84305181005	27,55
3/8"	10	S	M18x1.5	84305181006	28,31
5/16"	12	S	M20x1.5	84305201205	32,40
3/8"	12	S	M20x1.5	84305201206	26,73
1/2"	12	S	M20x1.5	84305201208	32,07
3/8"	14	S	M22x1.5	84305221406	37,36
3/8"	16	S	M24x1.5	84305241606	34,96
1/2"	16	S	M24x1.5	84305241608	30,44
3/8"	20	S	M30x2	84305302006	67,94
5/8"	20	S	M30x2	84305302010	53,55
3/4"	20	S	M30x2	84305302012	55,99
3/4"	25	S	M36x2	84305362512	75,35
1"	25	S	M36x2	84305362516	86,73
5/8"	30	S	M42x2	84305423010	115,04
3/4"	30	S	M42x2	84305423012	162,48
1"	30	S	M42x2	84305423016	109,76
1" 1/4	38	S	M52x2	84305523820	175,35

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

Hembras giratorias 45° Métricas cono 24° con junta tórica - DKO 45°

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	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
3/16"	6	L	M12x1.5	84306120603	26,42
1/4"	6	L	M12x1.5	84306120604	21,53
1/4"	8	L	M14x1.5	84306140804	20,49
5/16"	8	L	M14x1.5	84306140805	21,92
1/4"	10	L	M16x1.5	84306161004	24,02
5/16"	10	L	M16x1.5	84306161005	27,70
3/8"	10	L	M16x1.5	84306161006	26,42
1/4"	12	L	M18x1.5	84306181204	32,90
5/16"	12	L	M18x1.5	84306181205	32,03
3/8"	12	L	M18x1.5	84306181206	24,44
1/2"	12	L	M18x1.5	84306181208	37,54
3/8"	15	L	M22x1.5	84306221506	34,06
1/2"	15	L	M22x1.5	84306221508	29,68
1/2"	18	L	M26x1.5	84306261808	47,09
5/8"	18	L	M26x1.5	84306261810	44,68
5/8"	22	L	M30x2	84306302210	55,87
3/4"	22	L	M30x2	84306302212	52,80
3/4"	28	L	M36x2	84306362812	83,85
1"	28	L	M36x2	84306362816	77,64
1" 1/4	35	L	M45x2	84306453520	130,60
1" 1/2	42	L	M52x2	84306524224	202,58
1/4"	6	S	M14x1.5	84306140604	25,24
1/4"	8	S	M16x1.5	84306160804	24,89
5/16"	8	S	M16x1.5	84306160805	27,38
1/4"	10	S	M18x1.5	84306181004	25,28
3/8"	10	S	M18x1.5	84306181006	28,31
1/4"	12	S	M20x1.5	84306201204	33,83
5/16"	12	S	M20x1.5	84306201205	32,40
3/8"	12	S	M20x1.5	84306201206	26,73
1/2"	12	S	M20x1.5	84306201208	32,07
3/8"	14	S	M22x1.5	84306221406	37,56
1/2"	16	S	M24x1.5	84306241606	34,96
1/2"	16	S	M24x1.5	84306241608	30,44
3/8"	20	S	M30x2	84306302006	67,94
5/8"	20	S	M30x2	84306302010	53,55
3/4"	20	S	M30x2	84306302012	55,99
3/4"	25	S	M36x2	84306362512	75,35
1"	25	S	M36x2	84306362516	86,73
3/4"	30	S	M42x2	84306423012	162,48
1"	30	S	M42x2	84306423016	109,76
1" 1/4	38	S	M52x2	84306523820	175,35

Ampliamos nuestra gama de **conexiones métricas**

We extend our range of **metric fittings**

Standard series

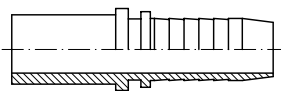
Conexiones Standard
Standardserie
Embouts série standard

Metric standpipe for DIN 2353 fittings

Espigas lisas rectas Métricas

Metz. Stutzen gerade glatt

Embout lisse droit Métrique



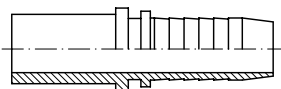
DN	PIPE TUBO	Part nº Referencia	€
3.2 mm	6	841580601	9,89
3/16"	6	841580603	9,42
1/4"	6	841580604	8,20
3/16"	8	841580803	8,98
1/4"	8	841580804	7,67
5/16"	8	841580805	10,50
3/8"	8	841580806	10,56
1/4"	10	841581004	8,88
5/16"	10	841581005	9,40
3/8"	10	841581006	8,27
1/4"	12	841581204	11,98
5/16"	12	841581205	11,89
3/8"	12	841581206	8,12
1/2"	12	841581208	11,60
3/8"	14	841581406	11,34
1/2"	14	841581408	14,80
3/8"	15	841581506	14,23
1/2"	15	841581508	11,29
1/2"	16	841581608	12,46
1/2"	18	841581808	17,49
5/8"	18	841581810	18,40
3/4"	18	841581812	23,57
1/2"	20	841582008	18,62
5/8"	20	841582010	20,50
3/4"	20	841582012	20,64
5/8"	22	841582210	20,95
3/4"	22	841582212	21,81
3/4"	25	841582512	27,09
1"	25	841582516	27,87
1"	28	841582816	26,27
1"	30	841583016	32,18
1 1/4"	35	841583520	41,47
1 1/4"	38	841583820	50,04
1 1/2"	38	841583824	56,06
1 1/2"	42	841584224	53,69

Fractional Straight standpipe

Espigas lisas rectas para tubo en pulgadas

Stutzen gerade glatt

Embout lisse tube pouce



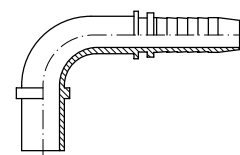
DN	PIPE TUBO	Part nº Referencia	€
1/4"	6.4	841590604	11,15
3/8"	9.5	841590906	13,76
3/8"	12.7	841591206	13,84
1/2"	12.7	841591208	14,78
5/8"	15.8	841591510	19,15
3/4"	19.05	841591912	28,35

Metric standpipe DIN 2353 fittings (90° Elbow)

Espigas lisas 90° Métricas

Stutzen glatt 90°

Embout lisse coude 90° Métrique



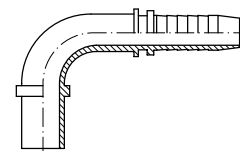
DN	PIPE TUBO	Part nº Referencia	€
1/8"	6	842580602	30,16
3/16"	6	842580603	25,95
1/4"	6	842580604	19,25
3/16"	8	842580803	24,66
1/4"	8	842580804	18,66
5/16"	8	842580805	21,66
1/4"	10	842581004	19,17
5/16"	10	842581005	23,15
3/8"	10	842581006	23,94
1/4"	12	842581204	24,50
5/16"	12	842581205	25,26
3/8"	12	842581206	20,30
1/2"	12	842581208	29,30
3/8"	14	842581406	27,58
1/2"	14	842581408	36,72
3/8"	15	842581506	34,90
1/2"	15	842581508	30,24
1/2"	16	842581608	35,88
1/2"	18	842581808	35,98
5/8"	18	842581810	36,24
5/8"	20	842582010	42,39
3/4"	20	842582012	40,65
5/8"	22	842582210	62,57
3/4"	22	842582212	40,90
3/4"	25	842582512	44,46
1"	28	842582816	67,84
1"	30	842583016	68,17

Fractional standpipe (90° Elbow)

Espigas lisas 90° para tubo en pulgadas

Stutzen glatt 90°

Embout lisse coude 90° tube pouce



DN	PIPE TUBO	Part nº Referencia	€
1/4"	6.4	842590604	30,24
3/8"	9.5	842590906	33,38
1/2"	12.7	842591208	34,69

Standard series

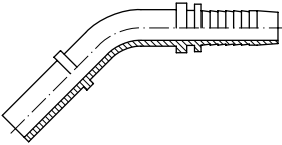
Conexiones Standard
Standardserie
Embouts série standard

Metric standpipe DIN 2353 fittings (45° Elbow)

Espigas lisas 45° Métricas

Stutzen glatt 45°

Embout lisse coude 45° Métrique



DN	PIPE TUBO	Part nº Referencia	€
1/8"	6	843580602	30,16
3/16"	6	843580603	25,95
1/4"	6	843580604	19,25
3/16"	8	843580803	24,66
1/4"	8	843580804	18,66
5/16"	8	843580805 *	21,66
1/4"	10	843581004	19,17
5/16"	10	843581005	23,15
3/8"	10	843581006	23,94
1/4"	12	843581204	24,50
5/16"	12	843581205	25,26
3/8"	12	843581206	20,30
1/2"	12	843581208	29,30
3/8"	14	843581406	27,58
1/2"	14	843581408	36,72
3/8"	15	843581506	34,90
1/2"	15	843581508	30,24
1/2"	16	843581608	35,88
1/2"	18	843581808	35,98
5/8"	18	843581810	36,24
5/8"	20	843582010	42,39
1/2"	20	843582012	40,65
5/8"	22	843582210	62,57
3/4"	22	843582212	40,90
3/4"	25	843582512	44,46
1"	28	843582816	67,84
1"	30	843583016	68,17

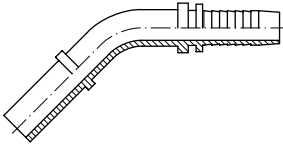
*Until end of stock / *Hasta fin de existencias / *Bis zum Ende des Lagerbestandes / *Jusqu'à la fin du stock

Fractional Standpipe for inch tube (45° Elbow)

Espigas lisas 45° para tubo en pulgadas

Stutzen glatt 45°

Embout lisse coude 45° tube pouce



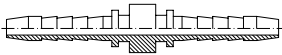
DN	PIPE TUBO	Part nº Referencia	€
1/4"	6.4	843590604	30,24
3/8"	9.5	843590906	33,38
1/2"	12.7	843591208	34,69

Double crimp standpipe

Espigas de prensar dobles

Doppelnippel

Embout double jonction



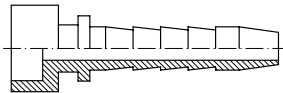
DN	Part nº Referencia	€
1/4"	843000404	21,97
5/16"	843000505	24,05
3/8"	843000606	24,15
1/2"	843000808	30,09
3/4"	843001212	49,94
1"	843001616	58,88
1"1/4	843002020	119,30
1" 1/2	843002424	134,66
2"	843003232	285,24

Welding standpipes

Espigas soldables

Schweißstutzen

Embout lisse à souder



DN	Part nº Referencia	€
1/8"	840000200 *	13,47
3/16"	840000300	17,72
1/4"	840000400	10,33
5/16"	840000500	13,92
3/8"	840000600	18,52
1/2"	840000800	14,60
5/8"	840001000	22,08
3/4"	840001200	22,93
1"	840001600	24,36
1"1/4	840002000	51,87
1"1/2	840002400	61,44
2"	840003200	95,10
2"1/2	840004000	179,18

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

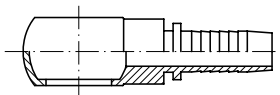
Standard series

Conexiones Standard
Standardserie
Embouts série standard

Banjo BSP

Orientables BSP

Ringaugen BSP RN-BSP



Banjo droit gaz BSP

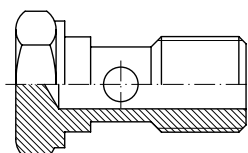
DN	Ø	Part n° Referencia	€
1/4"	1/4"	841110404	32,79
5/16"	3/8"	841110605	43,23
3/8"	3/8"	841110606	37,27
1/2"	3/8"	841110608	59,09
3/8"	1/2"	841110806	64,38
1/2"	1/2"	841110808	57,06
3/4"	3/4"	841111212	88,07
1"	1"	841111616	195,98

BSP Bolt for banjo

Tornillo orientable simple BSP

Einfache Hohlschraube BSP für Ringauge

Vis creuse simple pour banjo gaz



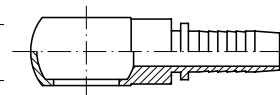
THREAD ROSCA	Part n° Referencia	€
1/4" BSP	Z109004	*
3/8" BSP	Z109006	*
1/2" BSP	Z109008	*
3/4" BSP	Z109012	*
1" BSP	Z109016	*

*See prices in p.155 (BSP ADAPTORS) / *Ver precios en p.155 (ADAPTADORES BSP) / *Vgl. Sie die Preise auf S. 155 (BSP-Adapter) / *Prix à la p.155 (ADAPTEURS BSP)

Banjo Metric

Orientables Métricos

Ringaugen metr. nach DIN 7642 RN



Banjo droit Métrique

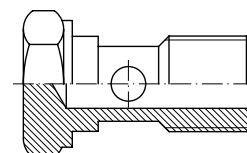
DN	Ø	Part n° Referencia	€
1/4"	M12x1.5	841161204	41,40
1/4"	M14x1.5	841161404	37,80
5/16"	M16x1.5	841161605	51,08
3/8"	M16x1.5	841161606	46,32
3/8"	M18x1.5	841161806	55,39
1/2"	M18x1.5	841161808	65,62
1/2"	M20x1.5	841162008	68,61
1/2"	M22x1.5	841162208	68,61
3/4"	M26x1.5	841162612	86,18

Metric bolt for banjo

Tornillo orientable simple Métrico

Einfache Hohlschraube metr. für Ringauge

Vis creuse simple for banjo Métrique



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

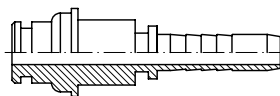
*See prices in p.155 (BSP ADAPTORS) / *Ver precios en p.155 (ADAPTADORES BSP) / *Vgl. Sie die Preise auf S. 155 (BSP-Adapter) / *Prix à la p.155 (ADAPTEURS BSP)

Standpipes for hidrowashing machines

Espigas para Hidrolavadoras

Stutzen für Waschgeräte

Embouts lisses pour hydronettoyages



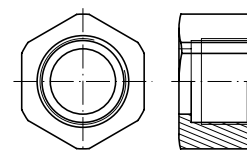
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
5/16"	M 22x1.5	8305005	19,54
3/8"	M 22x1.5	8305006	20,68

Hexagonal nuts for hydrowashing machines

Tuercas para terminales hidrolavadoras inox

Edelstahl-Muttern für Hochdruckreiniger

Écrous pour hidronettoyages



THREAD ROSCA	Part n° Referencia	€
M22x1.5	KZTHAP22	14,14

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

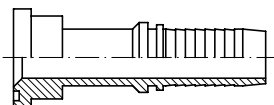
Flow measuring

Tralle LOK

3000 PSI SAE Straight Flange / Code 61

Bridas rectas SAE 3000 PSI

Gerader Flansch SAE 3000 PSI



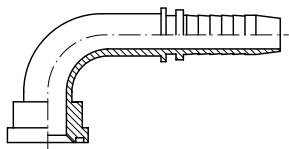
Bride SAE droite série 3000 PSI

DN	Ø	Part n° Referencia	€
1/2"	30,2	841820808	40,06
1/2"	38,1	841821208	66,89
5/8"	38,1	841821210	57,66
3/4"	38,1	841821212	53,28
3/4"	44,5	841821612	68,83
1"	44,5	841821616	65,65
1"	50,8	841822016	93,40
1 1/4"	50,8	841822020	89,05
1 1/4"	60,3	841822420	141,81
1 1/2"	60,3	841822424	119,85
1 1/2"	71,4	841823224	228,35
2"	71,4	841823232	188,60

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

Bridas 90° SAE 3000 PSI

Flansch 90° SAE 3000 PSI



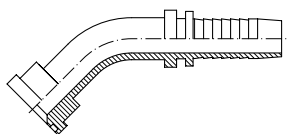
Bride SAE coude 90° série 3000 PSI

DN	Ø	Part n° Referencia	€
1/2"	30,2	841830808	59,50
1/2"	38,1	841831208	77,68
5/8"	38,1	841831210	90,91
3/4"	38,1	841831212	81,72
3/4"	44,5	841831612	119,50
1"	44,5	841831616	105,34
1 1/4"	44,5	841831620	151,65
1"	50,8	841832016	170,04
1 1/4"	50,8	841832020	157,10
1 1/4"	60,3	841832420	249,95
1 1/2"	60,3	841832424	223,62
1 1/2"	71,4	841833224	376,15
2"	71,4	841833232	336,10

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

Bridas 45° SAE 3000 PSI

Flansch 45° SAE 3000 PSI



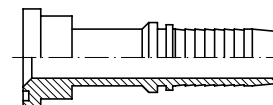
Bride SAE coude 45° série 3000 PSI

DN	Ø	Part n° Referencia	€
1/2"	30,2	841840808	59,50
1/2"	38,1	841841208	77,68
5/8"	38,1	841841210	90,91
3/4"	38,1	841841212	81,72
3/4"	44,5	841841612	119,50
1"	44,5	841841616	105,34
1"	50,8	841842016	170,04
1 1/4"	50,8	841842020	157,10
1 1/4"	60,3	841842420	249,95
1 1/2"	60,3	841842424	223,62
1 1/2"	71,4	841843224	376,15
2"	71,4	841843232	336,10

6000 PSI SAE Straight Flange / Code 62

Bridas rectas SAE 6000 PSI

Gerader Flansch SAE 6000 PSI



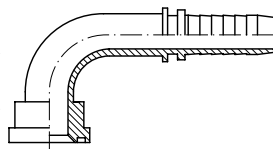
Bride SAE droite série 6000 PSI

DN	Ø	Part n° Referencia	€
1/2"	31,8	842820808	47,11
1/2"	41,3	842821208	75,38
5/8"	41,3	842821210	80,97
3/4"	41,3	842821212	64,38
3/4"	47,6	842821612	79,67
1"	47,6	842821616	78,99
1"	54	842822016	123,16
1 1/4"	54	842822020	113,17
1 1/4"	63,5	842822420	155,89
1 1/2"	63,5	842822424	141,80
1 1/2"	79,4	842823224	274,72
2"	79,4	842823232	239,81

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

Bridas 90° SAE 6000 PSI

Flansch 90° SAE 6000 PSI



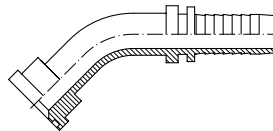
Bride SAE coude 90° série 6000 PSI

DN	Ø	Part n° Referencia	€
1/2"	31,8	842830808	59,71
1/2"	41,3	842831208	86,67
5/8"	41,3	842831210	102,32
3/4"	41,3	842831212	84,09
3/4"	47,6	842831612	121,36
1"	47,6	842831616	127,85
1"	54	842832016	174,46
1 1/4"	54	842832020	159,73
1 1/4"	63,5	842832420	268,49
1 1/2"	63,5	842832424	263,39
1 1/2"	79,4	842833224	389,56
2"	79,4	842833232	358,28

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	Part n° Referencia	€
1/2"	31,8	842840808	59,71
1/2"	41,3	842841208	86,67
5/8"	41,3	842841210	102,32
3/4"	41,3	842841212	84,09
3/4"	47,6	842841612	121,36
1"	47,6	842841616	127,85
1"	54	842842016	174,46
1 1/4"	54	842842020	159,73
1 1/4"	63,5	842842420	268,49
1 1/2"	63,5	842842424	262,17
1 1/2"	79,4	842843224	389,56
2"	79,4	842843232	358,28

Standard series

Conexiones Standard
Standardserie
Embouts série standard

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

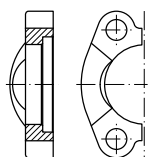
Trile LOK

SAE Split flange

Brida partida pasante

Durchgehender Halbflansch

Demi-bride de fixation



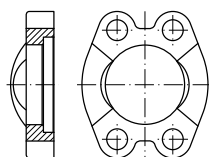
SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	30.2	1/2"	ZBBP308302	13,33
3000 PSI	38.1	3/4"	ZBBP312381	17,20
3000 PSI	44.5	1"	ZBBP316445	20,48
3000 PSI	50.8	1 1/4"	ZBBP320508	29,56
3000 PSI	60.3	1 1/2"	ZBBP324603	38,83
3000 PSI	71.4	2"	ZBBP332714	46,90
3000 PSI	102.4	3"	ZBBP3481024	101,94
6000 PSI	31.8	1/2"	ZBBP608318	17,62
6000 PSI	41.3	3/4"	ZBBP612413	25,76
6000 PSI	47.6	1"	ZBBP616476	39,31
6000 PSI	54	1 1/4"	ZBBP620540	53,52
6000 PSI	63.5	1 1/2"	ZBBP624635	82,70
6000 PSI	79.4	2"	ZBBP632794	143,59

SAE Flange

Brida entera pasante

Durchgehender Vollflansch

Bride de fixation monobloc



SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	30.2	1/2"	ZBBE308302	13,86
3000 PSI	38.1	3/4"	ZBBE312381	17,89
3000 PSI	44.5	1"	ZBBE316445	20,48
3000 PSI	50.8	1 1/4"	ZBBE320508	30,74
3000 PSI	60.3	1 1/2"	ZBBE324603	40,38
3000 PSI	71.4	2"	ZBBE332714	47,82
6000 PSI	31.8	1/2"	ZBBE608318	16,94
6000 PSI	41.3	3/4"	ZBBE612413	25,76
6000 PSI	47.6	1"	ZBBE616476	37,80
6000 PSI	54	1 1/4"	ZBBE620540	55,66
6000 PSI	63.5	1 1/2"	ZBBE624635	84,32
6000 PSI	79.4	2"	ZBBE632794	143,59

Screws for SAE flanges

Tornillos para bridas SAE

Schrauben für SAE-Flansche

Vis pour brides SAE



THREAD ROSCA	SIZE TAMAÑO	Part n° Referencia	€
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	*

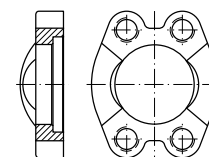
*See prices p.138 / *Ver precios en p.138 / *Vgl. Sie die Preise auf S.138 / *Voir prix p.138

SAE counter-flange

Contrabrida roscada

Gewindegegenflansch

Contre-bride passage total



SERIE	Ø	SIZE TAMAÑO	Part n° Referencia	€
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



Ø OUTER Ø EXT.	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
25.40	17.02	1/2"	JBR08	*
31.72	23.36	3/4"	JBR12	*
39.62	31.24	1"	JBR16	*
44.45	36.07	1 1/4"	JBR20	*
53.98	45.34	1 1/2"	JBR24	*
63.50	54.86	2"	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-Ring für 3000/6000 PSI-Flansch

O-rings pour bride série 3000/6000 PSI



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

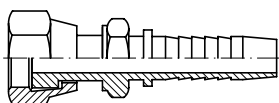
Standard series

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



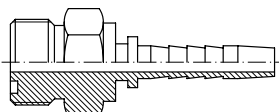
Femelle droite ORFS double hexagonal

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	849010904	29,43
1/4"	11/16"-16h	849011104	40,32
5/16"	11/16"-16h	849011105	37,67
3/8"	11/16"-16h	849011106	32,87
3/8"	13/16"-16h	849011306	42,16
1/2"	13/16"-16h	849011308	37,24
1/2"	1"-14h	849011608	73,64
5/8"	1"-14h	849011610	56,82
1/2"	1"3/16-12h	849011908	85,50
3/4"	1"3/16-12h	849011912	59,66
3/4"	1"7/16-12h	849012312	95,47
1"	1"7/16-12h	849012316	82,65
1"1/4	1" 11/16-12h	849012720	152,86
1"1/2	2"-12h	849013224	182,41

ORFS Male

Machos ORFS

Außengewinde ORFS



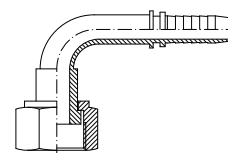
Mâle ORFS

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	849120904	35,61
5/16"	11/16"-16h	849121105	31,00
3/8"	11/16"-16h	849121106	33,69
1/2"	13/16"-16h	849121308	42,12
5/8"	1"-14h	849121610	62,10
3/4"	1"3/16-12h	849121912	77,51
1"	1"7/16-12h	849122316	106,32
1"1/4	1" 11/16-12h	849122720	147,05
1"1/2	2"-12h	849123224	218,59

ORFS Swivel female (90° Elbow)

Hembras giratorias 90° ORFS

Dichtkopf 90° ORFS - LOR



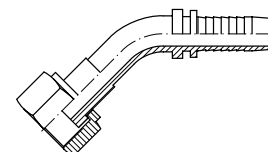
Coude 90° femelle ORFS

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	849070904	55,48
1/4"	11/16"-16h	849071104	70,23
5/16"	11/16"-16h	849071105	68,64
3/8"	11/16"-16h	849071106	66,52
3/8"	13/16"-16h	849071306	73,55
1/2"	13/16"-16h	849071308	77,17
1/2"	1"-14h	849071608	110,67
5/8"	1"-14h	849071610	97,93
3/4"	1"3/16-12h	849071912	123,22
3/4"	1"7/16-12h	849072312	183,62
1"	1"7/16-12h	849072316	178,90
1"1/4	1" 11/16-12h	849072720	251,37
1"1/2	2"-12h	849073224	723,42

ORFS Swivel female (45° Elbow)

Hembras giratorias 45° ORFS

Dichtkopf 45° ORFS - LOR



Coude 45° femelle ORFS

DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	849080904	55,48
1/4"	11/16"-16h	849081104	70,23
5/16"	11/16"-16h	849081105	68,64
3/8"	11/16"-16h	849081106	66,52
3/8"	13/16"-16h	849081306	73,55
1/2"	13/16"-16h	849081308	77,17
1/2"	1"-14h	849081608	110,67
5/8"	1"-14h	849081610	97,93
3/4"	1"3/16-12h	849081912	123,22
3/4"	1"7/16-12h	849082312	183,62
1"	1"7/16-12h	849082316	178,90
1"1/4	1" 11/16-12h	849082720	251,37
1"1/2	2"-12h	849083224	723,42

Fittings BW Series R12/4SP/4SH No Skive

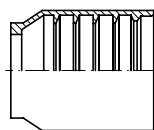
Conexiones Serie BW R12/4SP/4SH No Pelar
Armaturen Serie BW R12/4SP/4SH ohne Schälung
Embouts R12/4SP/4SH Série BW Sans dénuder

Ferrules R12/4SP/4SH for fittings BW series

Casquillos R12/4SP/4SH para conexiones serie BW

Pressfassungen R12/4SP/4SH für Armaturen Serie BW

Jupes R12/4SP/4SH pour embouts série BW



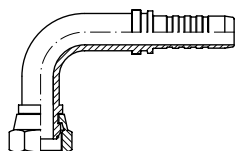
DN	Part n° Referencia	€
1/2"	ZAC680100800	25,11
5/8"	ZAC680101000	27,57
3/4"	ZAC680101200	35,19
1"	ZAC680101600	45,23
1"1/4	ZAC680102000	69,97
1"1/2	ZAC680102400	101,98
2"	ZAC680103200	152,68

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



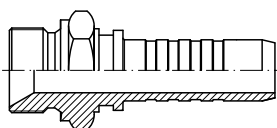
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" BSP	Z661170808	49,92
5/8"	5/8" BSP	Z661171010	78,11
3/4"	3/4" BSP	Z661171212	58,95
1"	1" BSP	Z661171616	85,08
1"1/4	1"1/4 BSP	Z661172020	130,14
1"1/2	1"1/2 BSP	Z661172424	200,29
2"	2" BSP	Z661173232	358,01

BSP Male 60° cone

Machos cilíndricos BSP 60°

Außengewinde zyl. BSP 60°

Mâle gaz cylindrique BSP 60°



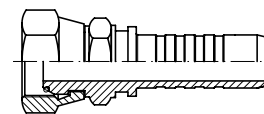
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" BSP	Z661120808	27,45
5/8"	5/8" BSP	Z661121010	37,97
3/4"	3/4" BSP	Z661121212	41,09
1"	1" BSP	Z661121616	55,74
1"1/4	1"1/4 BSP	Z661122020	97,19
1"1/2	1"1/2 BSP	Z661122424	135,23
2"	2" BSP	Z661123232	266,54

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

Hembras giratorias rectas BSP cono 60° doble hexagonal con junta

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

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



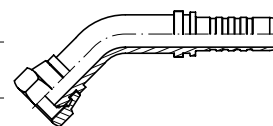
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" BSP	Z664100808	38,16
5/8"	5/8" BSP	Z664101010	55,17
5/8"	3/4" BSP	Z664101212	56,67
1"	1" BSP	Z664101616	91,68
1"1/4	1"1/4 BSP	Z664102020	187,99
1"1/2	1"1/2 BSP	Z664102424	249,76
2"	2" BSP	Z664103232	509,57

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	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" BSP	Z661180808	49,92
5/8"	5/8" BSP	Z661181010	78,11
3/4"	3/4" BSP	Z661181212	58,95
1"	1" BSP	Z661181616	85,08
1"1/4	1"1/4 BSP	Z661182020	130,14
1"1/2	1"1/2 BSP	Z661182424	200,29
2"	2" BSP	Z661183232	358,01

Fittings BW Series R12/4SP/4SH No Skive

Conexiones Serie BW R12/4SP/4SH No Pelar

Armaturen Serie BW R12/4SP/4SH ohne Schälung

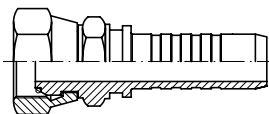
Embouts R12/4SP/4SH Série BW Sans dénuder

Double hexagonal NPSM female 60° cone with o'ring

Hembras giratorias rectas NPSM cono 60° doble hexagonal con junta

Dichtkopf mit NPSM Ü-Mutter 60° kon. doppelt 6 kt mit O-Ring

Femelle NPSM cono 60° double hexagonal avec joint torique



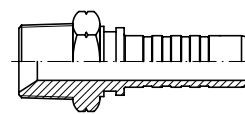
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" NPSM	Z664610808	35,02
3/4"	3/4" NPSM	Z664611212	59,50
1"	1" NPSM	Z664611616	96,26
1"1/4	1"1/4 NPSM	Z664612020	197,39
1"1/2	1"1/2 NPSM	Z664612424	262,25
2"	2" NPSM	Z664613232	383,33

NPT Male pipe straight

Machos cónicos NPT

Außengewinde NPT

Mâle conique NPT



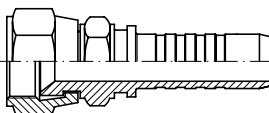
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" NPT	Z661610808	28,16
3/4"	3/4" NPT	Z661611212	37,59
1"	1" NPT	Z661611616	53,05
1"1/4	1"1/4 NPT	Z661612020	94,17
1"1/2	1"1/2 NPT	Z661612424	135,79
2"	2" NPT	Z661613232	271,82

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



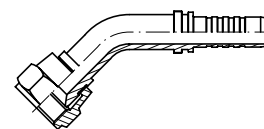
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z662421208	30,27
5/8"	7/8" 14h UNF	Z662421410	43,90
3/4"	1"1/16 12h UNF	Z662421712	56,64
1"	1"1/16 12h UNF	Z662421716	69,18
1"	1"5/16 12h UNF	Z662422116	86,64
1"1/4	1"5/8 12h UNF	Z662422620	208,00
1"1/2	1"7/8 12h UNF	Z662423024	312,53
2"	2"1/2 12h UNF	Z662424032	464,91

JIC 37° Swivel female (45° Elbow)

Hembras giratorias 45° JIC 37°

Dichtkonus mit Ü-Mutter 37° JIC 45°

Coude 45° femelle JIC 37°



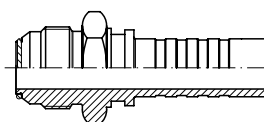
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z661391208	37,21
5/8"	7/8" 14h UNF	Z661391410	48,14
3/4"	1"1/16 12h UNF	Z661391712	59,52
1"	1"5/16 12h UNF	Z661392116	85,30
1"1/4	1"5/8 12h UNF	Z661392620	131,78
1"1/2	1"7/8 12h UNF	Z661393024	188,90
2"	2"1/2 12h UNF	Z661394032	385,29

JIC 37° male with o'ring

Machos JIC 37° con junta

Außengewinde JIC 37° mit O-Ring

Mâle JIC 37° avec joint torique



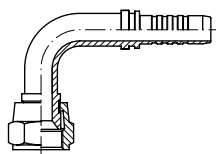
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z661411208	32,07
5/8"	7/8" 14h UNF	Z661411410	37,99
3/4"	1"1/16 12h UNF	Z661411712	49,73
1"	1"5/16 12h UNF	Z661412116	67,47
1"1/4	1"5/8 12h UNF	Z661412620	93,67
1"1/2	1"7/8 12h UNF	Z661413024	104,99
2"	2"1/2 12h UNF	Z661414032	228,69

JIC 37° Swivel female (90° Elbow)

Hembras giratorias 90° JIC 37°

Dichtkonus mit Ü-Mutter 37° JIC 90°

Coude 90° femelle JIC 37°



DN	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z661381208	37,21
5/8"	7/8" 14h UNF	Z661381410	48,14
3/4"	1"1/16 12h UNF	Z661381712	59,52
1"	1"1/16 12h UNF	Z661381716	102,24
1"	1"5/16 12h UNF	Z661382116	85,30
1"1/4	1"5/8 12h UNF	Z661382620	131,78
1"1/2	1"7/8 12h UNF	Z661383024	188,90
2"	2"1/2 12h UNF	Z661384032	385,29

Fittings BW Series R12/4SP/4SH No Skive

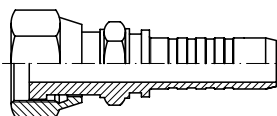
Conexiones Serie BW R12/4SP/4SH No Pelar
Armaturen Serie BW R12/4SP/4SH ohne Schälung
Embouts R12/4SP/4SH Série BW Sans dénuder

ORFS Swivel female straight

Hembras giratorias rectas ORFS doble hexagonal

Dichtkopf mit Ü-Mutter ORFS doppelt 6 kt

Femelle droite ORFS



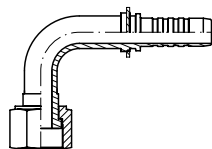
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1"3/16-1/2"	Z669011308	50,96
5/8"	1"-5/8"	Z669011610	73,87
3/4"	1"3/16-3/4"	Z669011912	77,56
1"	1"7/16-1"	Z669012316	113,88
1"1/4	1"11/16-1"1/4	Z669012720	149,11
1"1/2	2"-1"1/2	Z669013224	213,47

ORFS Swivel female (90° Elbow)

Hembras giratorias 90° ORFS asiento plano

Dichtkopf mit Ü-Mutter ORFS 90° flachdichtend

Coude 90° femelle ORFS



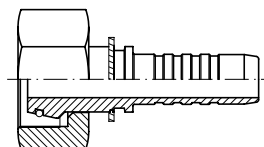
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1"3/16-1/2"	Z669071308	96,46
5/8"	1"-5/8"	Z669071610	132,61
3/4"	1"3/16-3/4"	Z669071912	218,52
1"	1"7/16-1"	Z669072316	318,94
1"1/4	1"11/16-1"1/4	Z669072720	447,20
1"1/2	2"-1"1/2	Z669073224	1.301,81

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



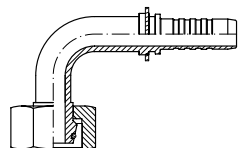
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z66204241608	27,53
5/8"	20	S	M30x2	Z66204302010	82,02
3/4"	20	S	M30x2	Z66204302012	46,56
3/4"	25	S	M36x2	Z66204362512	61,42
1"	25	S	M36x2	Z66204362516	83,09
1"	30	S	M42x2	Z66204423016	74,04
1"1/4	38	S	M52x2	Z66204523820	95,19

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



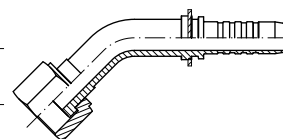
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z66205241608	39,18
3/4"	20	S	M30x2	Z66205302012	64,12
3/4"	25	S	M36x2	Z66205362512	97,96
1"	25	S	M36x2	Z66205362516	136,15
1"	30	S	M42x2	Z66205423016	123,63
1"1/4	38	S	M52x2	Z66205523820	162,57

ORFS Swivel female (45° Elbow)

Hembras giratorias 45° ORFS asiento plano

Dichtkopf mit Ü-Mutter 45° ORFS flachdichtend

Coude 45° femelle ORFS



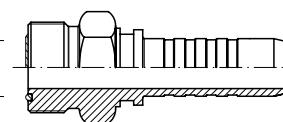
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1"3/16-1/2"	Z669081308	96,46
5/8"	1"-5/8"	Z669081610	132,61
3/4"	1"3/16-3/4"	Z669081912	218,52
1"	1"7/16-1"	Z669082316	318,94
1"1/4	1"11/16-1"1/4	Z669082720	447,20
1"1/2	2"-1"1/2	Z669083224	1.301,81

ORFS Male

Machos ORFS

Außengewinde ORFS

Mâle ORFS



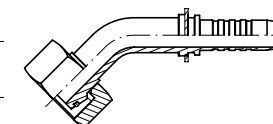
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1"3/16-1/2"	Z669121308	49,39
5/8"	1"-5/8"	Z669121610	80,73
3/4"	1"3/16-3/4"	Z669121912	128,12
1"	1"7/16-1"	Z669122316	190,40
1"1/4	1"11/16-1"1/4	Z669122720	267,40
1"1/2	2"-1"1/2	Z669123224	393,54

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



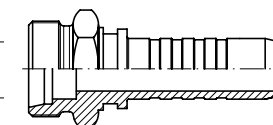
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z66206241608	39,18
3/4"	20	S	M30x2	Z66206302012	64,12
3/4"	25	S	M36x2	Z66206362512	97,96
1"	30	S	M42x2	Z66206423016	123,63
1"1/4	38	S	M52x2	Z66206523820	162,57

Metric male stud 24° cone

Machos fijos Métricos cono 24°

Außengewinde metr. kon. 24°

Mâle Métrique cono 24°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z66203241608	28,07
3/4"	20	S	M30x2	Z66203302012	49,27
3/4"	25	S	M36x2	Z66203362512	68,84
1"	30	S	M42x2	Z66203423016	78,83
1"1/4	38	S	M52x2	Z66203523820	135,30

Fittings BW Series R12/4SP/4SH No Skive

Conexiones Serie BW R12/4SP/4SH No Pelar
Armaturen Serie BW R12/4SP/4SH ohne Schälung
Embouts R12/4SP/4SH Série BW Sans dénuder

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

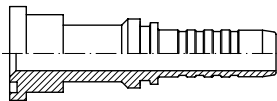
Tralle LOK

3000 PSI SAE Straight Flange / Code 61

Bridas rectas SAE 3000 PSI

Gerader Flansch SAE 3000 PSI

Bride SAE droite série 3000 PSI



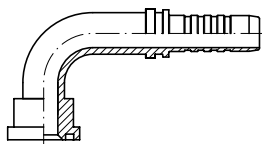
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z661820808	57,28
5/8"	38.1	Z661821210	74,96
3/4"	38.1	Z661821212	60,75
1"	44.5	Z661821616	75,46
1 1/4"	50.8	Z661822020	125,74
1 1/2"	60.3	Z661822424	160,60
2"	71.4	Z661823232	250,43

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

Bridas a 90° SAE 3000 PSI

Flansch 90° SAE 3000 PSI

Bride SAE coude 90° série 3000 PSI



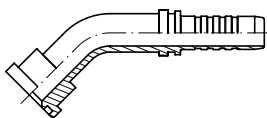
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z661830808	77,35
5/8"	38.1	Z661831210	110,95
3/4"	38.1	Z661831212	87,59
1"	44.5	Z661831616	130,03
1 1/4"	50.8	Z661832020	165,77
1 1/2"	60.3	Z661832424	280,05
2"	71.4	Z661833232	393,04

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

Bridas a 45° SAE 3000 PSI

Flansch 45° SAE 3000 PSI

Bride SAE coude 45° série 3000 PSI



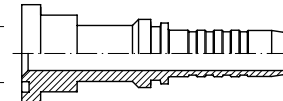
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z661840808	77,35
5/8"	38.1	Z661841210	110,95
3/4"	38.1	Z661841212	87,59
1"	44.5	Z661841616	130,03
1 1/4"	50.8	Z661842020	165,77
1 1/2"	60.3	Z661842424	280,05
2"	71.4	Z661843232	393,04

6000 PSI SAE Straight Flange / Code 62

Bridas recta SAE 6000 PSI

Gerader Flansch SAE 6000 PSI

Bride SAE droite série 6000 PSI



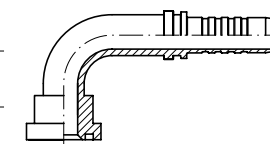
DN	Ø	Part n° Referencia	€
1/2"	31.8	Z662820808	61,24
5/8"	41.3	Z662821210	95,15
3/4"	41.3	Z662821212	69,38
1"	47.6	Z662821616	83,34
1 1/4"	54	Z662822020	127,63
1 1/2"	63.5	Z662822424	162,73
2"	79.4	Z662823232	262,83

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



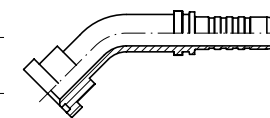
DN	Ø	Part n° Referencia	€
1/2"	31.8	Z662830808	77,62
5/8"	41.3	Z662831210	118,94
3/4"	41.3	Z662831212	93,87
1"	47.6	Z662831616	131,53
1 1/4"	54	Z662832020	172,17
1 1/2"	63.5	Z662832424	285,65
2"	79.4	Z662833232	406,52

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	Part n° Referencia	€
1/2"	31.8	Z662840808	77,62
5/8"	41.3	Z662841210	118,94
3/4"	41.3	Z662841212	93,87
1"	47.6	Z662841616	131,53
1 1/4"	54	Z662842020	172,17
1 1/2"	63.5	Z662842424	285,65
2"	79.4	Z662843232	406,52

Interlock series

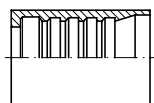
Conexiones Interlock
Armaturen Interlock
Embouts Interlock

Ferrules DIN 20023 - 4SH Interlock

Casquillos Interlock 4SH

Pressfassungen 4 SH DIN 20023/EN 856-4SH

Jupes à sertir DIN 20023 - 4SH Interlock



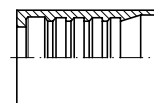
DN	DESCRIPTION DESCRIPCIÓN	Part n° Referencia	€
3/4"	4SH / R13 / R15	ZA610101200	30,00
1"	4SH / R13 / R15	ZA610101600	44,15
1"1/4	4SH	ZA610102000	68,32
1"1/2	4SH	ZA610102400	86,16
2"	4SH	ZA610103200	137,53

Ferrules SAE 100 R13/R15 Interlock

Casquillos Interlock R13/R15

Pressfassungen SAE 100 R13/R15

Jupes à sertir R13/R15 Interlock



DN	Part n° Referencia	€
1" 1/4	Z610102000	75,75
1"1/2	Z610102400	94,70
2"	Z610103200	139,29

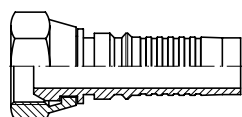
3/4" and 1" are the same ferrules as in 4SH / Para 3/4" y 1" son los mismos casquillos que en 4SH
Für 3/4" und 1" werden die gleichen Presshülsen wie für 4SH verwendet / 3/4" et 1" sont les mêmes jupes que pour 4SH

BSP 60° cone Swivel female Interlock with o'ring

Hembras giratorias rectas rosca BSP cono 60°
Interlock con junta

Dichtkopf mit BSP Ü-Mutter Interlock DKR mit O-Ring

Femelle droite gaz cylindrique BSP 60° Interlock avec joint torique



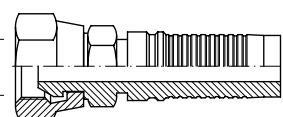
DN	THREAD ROSCA	Part n° Referencia	€
3/4"	3/4" BSP	Z641001212	37,66
1"	1" BSP	Z641001616	52,61
1"1/4	1"1/4 BSP	Z641002020	78,16
1"1/2	1"1/2 BSP	Z641002424	94,12
2"	2" BSP	Z641003232	162,41

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

Hembras giratorias BSP cono 60° doble hexagonal
Interlock con junta

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

Femelle BSP cono 60° double hexagonal avec joint torique



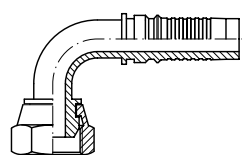
DN	THREAD ROSCA	Part n° Referencia	€
3/4"	3/4" BSP	Z644001212	54,82
1"	1" BSP	Z644001616	87,22
1"1/4	1"1/4 BSP	Z644002020	182,80
1"1/2	1"1/2 BSP	Z644002424	239,19
2"	2" BSP	Z644003232	495,50

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

Hembras giratoria 90° BSP cono 60° Interlock
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



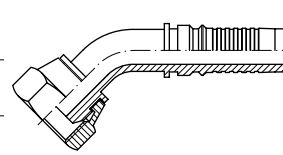
DN	THREAD ROSCA	Part n° Referencia	€
3/4"	3/4" BSP	Z641071212	57,61
1"	1" BSP	Z641071616	87,84
1"1/4	1"1/4 BSP	Z641072020	123,40
1"1/2	1"1/2 BSP	Z641072424	195,12
2"	2" BSP	Z641073232	363,49

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

Hembras giratoria 45° BSP cono 60° Interlock
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



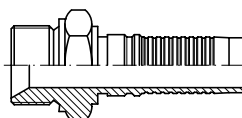
DN	THREAD ROSCA	Part n° Referencia	€
3/4"	3/4" BSP	Z641081212	57,61
1"	1" BSP	Z641081616	87,84
1"1/4	1"1/4 BSP	Z641082020	123,40
1"1/2	1"1/2 BSP	Z641082424	195,12
2"	2" BSP	Z641083232	363,49

BSP 60° Male cone with Interlock o'ring

Machos cilindricos BSP cono 60° Interlock con
junta

BSP Einschraubzapfen zyl. DIN 3852 Form A AFR
mit O-Ring

Mâle gaz cylindrique BSP 60° Interlock avec joint
torique



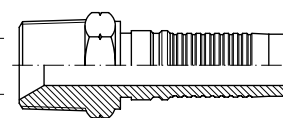
DN	THREAD ROSCA	Part n° Referencia	€
3/4"	3/4" BSP	Z641121212	42,08
1"	1" BSP	Z641121616	62,46
1"1/4	1"1/4 BSP	Z641122020	96,80
1"1/2	1"1/2 BSP	Z641122424	136,76
2"	2" BSP	Z641123232	259,18

NPT Male pipe straight Interlock

Machos cónicos NPT Interlock

Außengewinde NPT AGN Interlock

Mâle conique NPT Interlock



DN	THREAD ROSCA	Part n° Referencia	€
3/4"	3/4" NPT	Z641611212	36,55
1"	1" NPT	Z641611616	56,61
1"1/4	1"1/4 NPT	Z641612020	102,39
1"1/2	1"1/2 NPT	Z641612424	131,35
2"	2" NPT	Z641613232	262,93

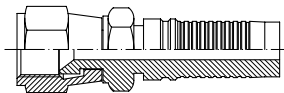
Interlock series

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



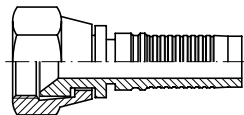
Femelle JIC 37° double hexagonal

DN	THREAD ROSCA	Part n° Referencia	€
3/4"	1"1/16 12h UN	Z642421712	54,24
1"	1"5/16 12h UN	Z642422116	83,81
1"1/4	1"5/8 12h UN	Z642422620	197,89
1"1/2	1"7/8 12h UN	Z642423024	302,31
2"	2"1/2 12h UN	Z642424032	445,23

JIC 37° Swivel female Interlock

Hembras giratorias rectas JIC 37° Interlock

Dichtkonus mit Ü-Mutter JIC 37° Interlock



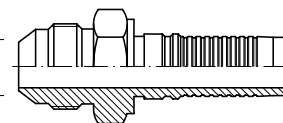
Femelle tourn.droite JIC 37° Interlock

DN	THREAD ROSCA	Part n° Referencia	€
3/4"	1"1/16 12h UN	Z641421712	39,69
1"	1"5/16 12h UN	Z641422116	43,43
1"1/4	1"5/8 12h UN	Z641422620	73,77
1"1/4	1"7/8 12h UN	Z641423020	100,12
1"1/2	1"7/8 12h UN	Z641423024	103,39
2"	2"1/2 12h UN	Z641424032	188,89

JIC 37° male Interlock

Machos JIC 37° Interlock

Außengewinde JIC 37°



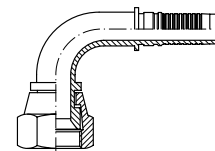
Mâle JIC 37° Interlock

DN	THREAD ROSCA	Part n° Referencia	€
3/4"	1"1/16 12h UN	Z641401712	56,73
1"	1"5/16 12h UN	Z641402116	85,17
1"1/4	1"5/8 12h UN	Z641402620	94,72
1"1/2	1"7/8 12h UN	Z641403024	106,01
2"	2"1/2 12h UN	Z641404032	219,01

JIC 37° Swivel female Interlock (90° Elbow)

Hembras giratorias 90° JIC 37° Interlock

JIC 37° Dichtkonus 90° DKJ 90° interlock



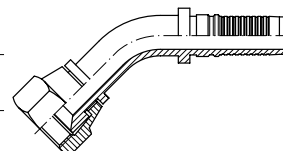
Coude 90° femelle tournante JIC 37° Interlock

DN	THREAD ROSCA	Part n° Referencia	€
3/4"	1"1/16 12h UN	Z641381712	56,17
1"	1"5/16 12h UN	Z641382116	92,98
1"1/4	1"5/8 12h UN	Z641382620	127,47
1"1/2	1"7/8 12h UN	Z641383024	195,77
2"	2"1/2 12h UN	Z641384032	395,68

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	THREAD ROSCA	Part n° Referencia	€
3/4"	1"1/16 12h UN	Z641391712	56,17
1"	1"5/16 12h UN	Z641392116	92,98
1"1/4	1"5/8 12h UN	Z641392620	127,47
1"1/2	1"7/8 12h UN	Z641393024	195,77
2"	2"1/2 12h UN	Z641394032	395,68

Interlock series

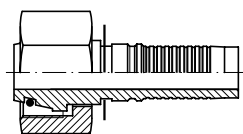
Conexiones Interlock
Armaturen Interlock
Embouts Interlock

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

Hembras giratorias rectas Métricas cono 24° Interlock con junta tórica

Dichtkegel mit Ü-Mutter O-Ring DIN 20078 Interlock

Femelle droite Métrique 24° Interlock avec o'ring



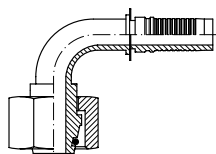
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
3/4"	20	S	M30x2	Z64204302012	45,04
3/4"	25	S	M36x2	Z64204362512	58,43
1"	30	S	M42x2	Z64204423016	70,63
1 1/4"	38	S	M52x2	Z64204523820	101,14

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



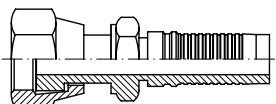
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
3/4"	20	S	M30x2	Z64205302012	67,22
3/4"	25	S	M36x2	Z64205362512	94,76
1"	30	S	M42x2	Z64205423016	124,37
1 1/4"	38	S	M52x2	Z64205523820	165,78

Interlock ORFS Swivel female straight

Hembras giratorias rectas ORFS Interlock

Dichtkopf mit ORFS Ü-Mutter - Interlock

Femelle droite ORFS Interlock



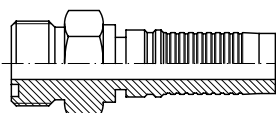
DN	THREAD ROSCA	Part nº Referencia	€
3/4"	1"3/16-12h	Z649011912	71,35
1"	1"7/16-12h	Z649012316	108,34
1 1/4"	1" 11/16-12h	Z649012720	144,99
1 1/2"	2"-12h	Z649013224	203,09

Interlock ORFS Male

Machos ORFS Interlock

Außengewinde ORFS Interlock

Mâle ORFS Interlock



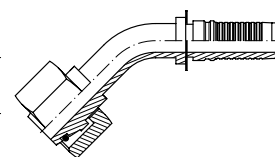
DN	THREAD ROSCA	Part nº Referencia	€
3/4"	1"3/16-12h	Z649121912	124,58
1"	1"7/16-12h	Z649122316	185,14
1 1/4"	1" 11/16-12h	Z649122720	256,08
1 1/2"	2"-12h	Z649123224	380,67

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



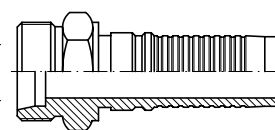
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
3/4"	20	S	M30x2	Z64206302012	64,63
3/4"	25	S	M36x2	Z64206362512	94,76
1"	30	S	M42x2	Z64206423016	124,37
1 1/4"	38	S	M52x2	Z64206523820	165,78

Metric male stud 24° cone serie S Interlock

Machos Métricos cono 24° Interlock

Gewindezapfen DIN 20078 Interlock

Mâle Métrique cone 24° Interlock



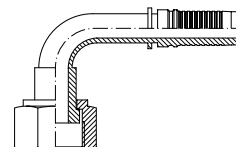
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
3/4"	20	S	M30x2	Z64203302012	47,91
3/4"	25	S	M36x2	Z64203362512	65,93
1"	30	S	M42x2	Z64203423016	88,80
1 1/4"	38	S	M52x2	Z64203523820	131,56

Interlock ORFS Swivel female (90° Elbow)

Hembras giratorias 90° ORFS Interlock

Dichtkopf 90° ORFS Interlock

Coude 90° femelle ORFS Interlock



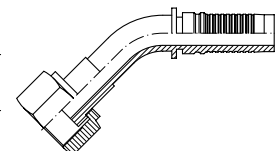
DN	THREAD ROSCA	Part nº Referencia	€
3/4"	1"3/16-12h	Z649071912	212,49
1"	1"7/16-12h	Z649072316	308,51
1 1/4"	1" 11/16-12h	Z649072720	432,58
1 1/2"	2"-12h	Z649073224	1.247,55

Interlock ORFS Swivel female (45° Elbow)

Hembras giratorias 45° ORFS Interlock

Dichtkopf 45° ORFS Interlock

Coude 45° femelle ORFS Interlock



DN	THREAD ROSCA	Part nº Referencia	€
3/4"	1"3/16-12h	Z649081912	212,49
1"	1"7/16-12h	Z649082316	308,51
1 1/4"	1" 11/16-12h	Z649082720	432,58
1 1/2"	2"-12h	Z649083224	1.247,55

Interlock series

Conexiones Interlock
Armaturen Interlock
Embouts Interlock

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

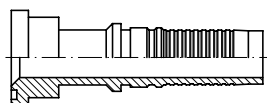
Tralle LOK

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



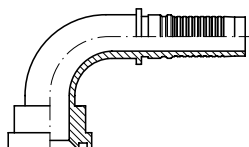
DN	Ø	Part n° Referencia	€
3/4"	38.1	Z641821212	60,11
3/4"	44.5	Z641821612	68,49
1"	44.5	Z641821616	75,91
1"	50.8	Z641822016	94,70
1"1/4	50.8	Z641822020	119,63
1"1/4	60.3	Z641822420	143,96
1"1/2	60.3	Z641822424	155,91
1"1/2	71.4	Z641823224	239,77
2"	71.4	Z641823232	243,51

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



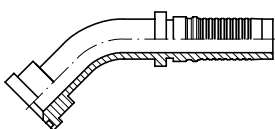
DN	Ø	Part n° Referencia	€
3/4"	38.1	Z641831212	83,88
3/4"	44.5	Z641831612	123,85
1"	44.5	Z641831616	120,75
1"	50.8	Z641832016	190,27
1"1/4	50.8	Z641832020	153,94
1"1/4	60.3	Z641832420	263,65
1"1/2	60.3	Z641832424	272,32
1"1/2	71.4	Z641833224	389,99
2"	71.4	Z641833232	382,19

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



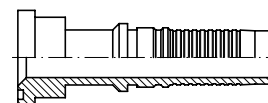
DN	Ø	Part n° Referencia	€
3/4"	38.1	Z641841212	83,88
3/4"	44.5	Z641841612	123,85
1"	44.5	Z641841616	120,75
1"	50.8	Z641842016	190,27
1"1/4	50.8	Z641842020	153,94
1"1/4	60.3	Z641842420	263,65
1"1/2	60.3	Z641842424	272,32
2"	71.4	Z641843224	389,99
2"	71.4	Z641843232	382,19

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



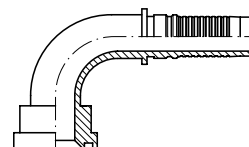
DN	Ø	Part n° Referencia	€
3/4"	41.3	Z642821212	66,44
3/4"	47.6	Z642821612	79,23
1"	47.6	Z642821616	77,67
1"	54	Z642822016	122,48
1"1/4	54	Z642822020	121,42
1"1/4	63.5	Z642822420	161,78
1"1/2	63.5	Z642822424	161,40
1"1/2	79.4	Z642823224	281,43
2"	79.4	Z642823232	265,79

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



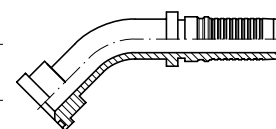
DN	Ø	Part n° Referencia	€
3/4"	41.3	Z642831212	95,25
3/4"	47.6	Z642831612	130,72
1"	47.6	Z642831616	127,23
1"	54	Z642832016	193,12
1"1/4	54	Z642832020	163,80
1"1/4	63.5	Z642832420	272,54
1"1/2	63.5	Z642832424	268,28
1"1/2	79.4	Z642833224	419,99
2"	79.4	Z642833232	397,10

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	Part n° Referencia	€
3/4"	41.3	Z642841212	95,25
3/4"	47.6	Z642841612	130,72
1"	47.6	Z642841616	127,23
1"	54	Z642842016	193,12
1"1/4	54	Z642842020	163,80
1"1/4	63.5	Z642842420	272,54
1"1/2	63.5	Z642842424	268,28
1"1/2	79.4	Z642843224	419,99
2"	79.4	Z642843232	397,10

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

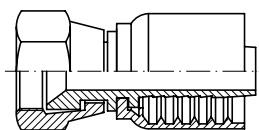
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece JIC 37° Swivel female

Hembras giratorias rectas una sola pieza JIC 37°

Dichtkopf mit Ü-Mutter einteilig JIC 37°

Femelle pré-sertie JIC 37°



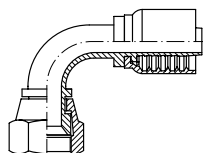
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	881420704	21,01
3/8"	9/16" 18h UNF	881420906	25,90
1/2"	3/4" 16h UNF	881421208	29,76
1/2"	1"1/16 12h UN	881421708	50,36
5/8"	7/8" 14h UNF	881421410	37,84
5/8"	1"1/16 12h UN	881421710	45,26
3/4"	1"1/16 12h UN	881421712	47,46
1"	1"5/16 12h UN	881422116	79,18
1"1/4"	1"5/8 12h UN	881422620	132,33
1"1/2"	1"7/8 12h UN	881423024	176,86
2"	2"1/2 12h UN	881424032	296,94

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°



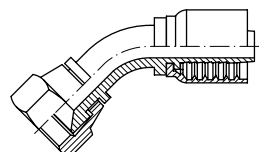
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	881380704	29,99
3/8"	9/16" 18h UNF	881380906	37,85
1/2"	3/4" 16h UNF	881381208	40,84
1/2"	7/8" 14h UNF	881381408	45,96
5/8"	7/8" 14h UNF	881381410	53,36
3/4"	1"1/16 12h UN	881381712	71,04
3/4"	1" 5/16 12h UN	881382112	95,39
1"	1"5/16 12h UN	881382116	112,54
1"1/4"	1"5/8 12h UN	881382620	187,11
1"1/2"	1"7/8 12h UN	881383024	269,65
2"	2"1/2 12h UN	881384032	577,13

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°



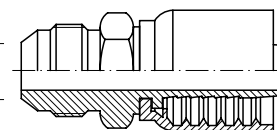
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	881390704	29,79
1/4"	9/16" 18h UNF	881390904	44,13
3/8"	9/16" 18h UNF	881390906	37,85
3/8"	3/4" 16h UNF	881391206	43,76
1/2"	3/4" 16h UNF	881391208	40,84
1/2"	7/8" 14h UNF	881391408	45,96
3/4"	1"1/16 12h UN	881391712	71,04
1"	1"5/16 12h UN	881392116	112,54
1"1/4"	1"5/8 12h UN	881392620	187,11
1"1/2"	1"7/8 12h UN	881393024	269,65
2"	2"1/2 12h UN	881394032	577,13

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 37°



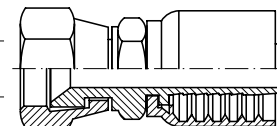
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	881400704	26,05
3/8"	9/16" 18h UNF	881400906	33,95
1/2"	3/4" 16h UNF	881401208	33,40
5/8"	7/8" 14h UNF	881401410	41,19
3/4"	1"1/16 12h UN	881401712	54,42
1"	1"5/16 12h UN	881402116	90,39
1"1/4"	1"5/8 12h UN	881402620	138,74
1"1/2"	1"7/8 12h UN	881403024	171,58
2"	2"1/2 12h UN	881404032	325,76

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	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	882420704	26,45
1/4"	1/2" 20h UNF	882420804	30,54
1/4"	9/16" 18h UNF	882420904	33,50
3/8"	9/16" 18h UNF	882420906	29,78
3/8"	3/4" 16h UNF	882421206	35,16
1/2"	3/4" 16h UNF	882421208	31,96
1/2"	7/8" 14h UNF	882421408	44,76
5/8"	7/8" 14h UNF	882421410	50,14
3/4"	1"1/16 12h UN	882421712	56,61
1"	1"1/16 12h UN	882421716	94,92
3/4"	1"5/16 12h UN	882422112	75,50
1"	1"5/16 12h UN	882422116	87,84
1"1/4"	1"5/8 12h UN	882422620	159,43
1"1/2"	1"7/8 12h UN	882423024	210,94
2"	2"1/2 12h UN	882424032	370,59

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

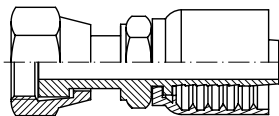
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

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



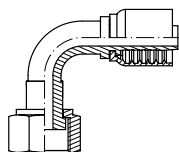
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16" 18h	889000904	39,40
1/4"	11/16-16	889001104	50,29
3/8"	11/16" 16h	889001106	47,54
3/8"	13/16-16	889001306	57,32
1/2"	13/16" 16h	889001308	52,82
1/2"	1-14	889001608	87,26
5/8"	1" 14h	889001610	72,81
1/2"	1 3/16-12	889001908	100,54
3/4"	1"3/16 12h	889001912	107,68
3/4"	1 7/16-12	889002312	122,96
1"	1"7/16 12h	889002316	118,62
1"1/4	1"11/16 12h	889002720	207,73
1"1/2	2" 12h	889003224	263,15

One piece ORFS Swivel female (90° Elbow)

Hembras giratorias 90° una sola pieza ORFS

Dichtkopf 90° ORFS einteilig

Coude 90° femelle pré-sertie ORFS



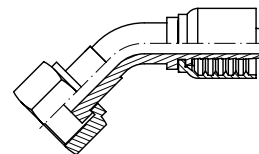
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16" 18h	889070904	67,76
1/4"	11/16-16	889071104	83,13
3/8"	11/16" 16h	889071106	82,23
3/8"	13/16-16	889071306	89,55
1/2"	13/16" 16h	889071308	90,81
1/2"	1-14	889071608	128,90
5/8"	1" 14h	889071610	118,00
3/4"	1"3/16 12h	889071912	151,86
3/4"	1 7/16-12	889072312	214,78
1"	1"7/16 12h	889072316	222,32
1"1/4	1"11/16 12h	889072720	316,71
1"1/2	2" 12h	889073224	826,70

One piece ORFS Swivel female (45° Elbow)

Hembras giratorias 45° una sola pieza ORFS

Dichtkopf 45° ORFS einteilig

Coude 45° femelle pré-sertie ORFS



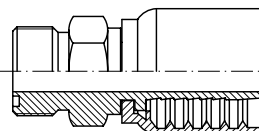
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	11/16-16	889081104	83,13
3/8"	13/16-16	889081306	89,55
1/2"	1-14	889081608	128,90
3/4"	1 7/16-12	889082312	214,78
1/4"	9/16" 18h	889080904	67,76
3/8"	11/16" 16h	889081106	82,23
1/2"	13/16" 16h	889081308	90,81
5/8"	1" 14h	889081610	118,00
3/4"	1"3/16 12h	889081912	151,86
1"	1"7/16 12h	889082316	222,32
1"1/4	1"11/16 12h	889082720	316,71
1"1/2	2" 12h	889083224	826,70

One piece ORFS male

Machos una sola pieza ORFS

Außengewinde ORFS

Mâle pré-serti ORFS



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16" 18h	889120904	45,60
3/8"	11/16" 16h	889121106	46,65
1/2"	13/16" 16h	889121308	55,76
5/8"	1" 14h	889121610	78,43
3/4"	1"3/16 12h	889121912	101,04
1"	1"7/16 12h	889122316	146,72
1"1/4	1"11/16 12h	889122720	211,33
1"1/2	2" 12h	889123224	300,84

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

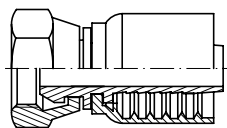
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece 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 cono 60°



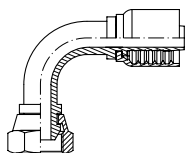
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	882610404	23,82
3/8"	3/8" 18h NPSM	882610606	26,53
1/2"	1/2" 14h NPSM	882610808	32,71
3/4"	3/4" 14h NPSM	882611212	52,62
1"	1" - 11 1/2 h NPSM	882611616	85,50

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 cono 60°



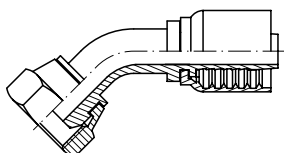
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	882620404	33,63
3/8"	3/8" 18h NPSM	882620606	38,56
1/2"	1/2" 14h NPSM	882620808	46,82
3/4"	3/4" 14h NPSM	882621212	81,16
1"	1" - 11 1/2 h NPSM	882621616	117,52

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 cono 60°



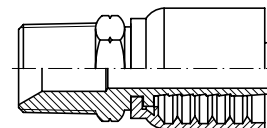
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	882630404	33,63
3/8"	3/8" 18h NPSM	882630606	38,56
1/2"	1/2" 14h NPSM	882630808	46,82
3/4"	3/4" 14h NPSM	882631212	81,16
1"	1" - 11 1/2 h NPSM	882631616	117,52

One piece NPT male pipe straight

Machos una sola pieza rosca cónica NPT

Außengewinde einteilig kon. NPT

Mâle pré-serti NPT



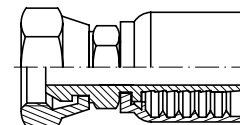
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/8" NPT	881610204	27,42
1/4"	1/4" NPT	881610404	22,30
1/4"	3/8" NPT	881610604	27,93
3/8"	3/8" NPT	881610606	26,27
1/2"	3/8" NPT	881610608	36,52
1/4"	1/2" NPT	881610804	33,59
1/2"	1/2" NPT	881610808	32,24
5/8"	1/2" NPT	881610810	38,81
3/4"	1/2" NPT	881610812	53,44
1/2"	3/4" NPT	881611208	41,50
3/4"	3/4" NPT	881611212	46,68
3/4"	1" NPT	881611612	68,00
1"	1" NPT	881611616	80,19
1"1/4"	1"1/4 NPT	881612020	138,88
1"1/2"	1"1/2 NPT	881612424	164,99
2"	2" NPT	881613232	259,60

One piece double hexagonal NPSM Swivel female 60° cone

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

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

Femelle pré-sertie NPSM cono 60° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	883610404	36,27
3/8"	3/8" 18h NPSM	883610606	40,03
1/2"	1/2" 14h NPSM	883610808	43,57
3/4"	3/4" 14h NPSM	883611212	67,17
1"	1" - 11 1/2 h NPSM	883611616	108,96

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

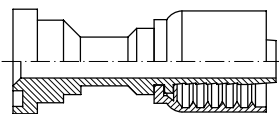
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

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



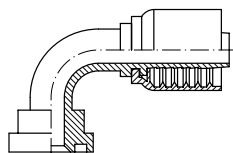
DN	Ø	Part n° Referencia	€
1/2"	30.2	881820808	53,68
1/2"	38.1	881821208	90,40
3/4"	38.1	881821212	76,81
3/4"	44.5	881821612	92,36
1"	44.5	881821616	105,17
1"	50.8	881822016	132,92
1"1/4	50.8	881822020	153,32
1"1/4	60.3	881822420	206,09
1"1/2	60.3	881822424	195,93
1"1/2	71.4	881823224	304,43
2"	71.4	881823232	298,74

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



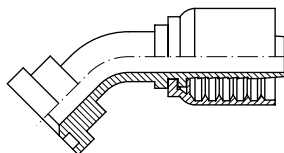
DN	Ø	Part n° Referencia	€
1/2"	30.2	881830808	73,12
1/2"	38.1	881831208	91,32
3/4"	38.1	881831212	105,25
3/4"	44.5	881831612	143,03
1"	44.5	881831616	140,27
1"1/4	44.5	881831620	215,93
1"	50.8	881832016	209,56
1"1/4	50.8	881832020	221,38
1"1/4	60.3	881832420	324,22
1"1/2	60.3	881832424	310,13
1"1/2	71.4	881833224	449,29
2"	71.4	881833232	441,99

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



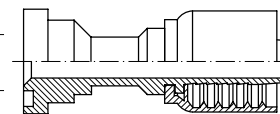
DN	Ø	Part n° Referencia	€
1/2"	30.2	881840808	73,12
1/2"	38.1	881841208	91,32
3/4"	38.1	881841212	105,25
3/4"	44.5	881841612	143,03
1"	44.5	881841616	140,27
1"	50.8	881842016	209,56
1"1/4	50.8	881842020	221,38
1"1/4	60.3	881842420	324,22
1"1/2	60.3	881842424	310,13
2"	71.4	881843232	441,99

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



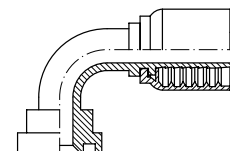
DN	Ø	Part n° Referencia	€
1/2"	31.8	882820808	60,75
3/4"	41.3	882821212	87,89
1"	47.6	882821616	118,51
1"1/4	54	882822020	177,45
1"1/2	63.5	882822424	217,89
2"	79.4	882823232	349,95

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



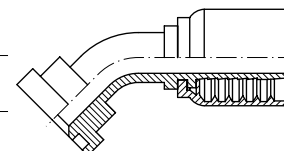
DN	Ø	Part n° Referencia	€
1/2"	31.8	882830808	73,35
3/4"	41.3	882831212	110,20
1"	47.6	882831616	167,37
1"1/4	54	882832020	224,01
1"1/2	63.5	882832424	339,47
2"	79.4	882833232	479,10

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	Part n° Referencia	€
1/2"	31.8	882840808	73,35
3/4"	41.3	882841212	110,20
1"	47.6	882841616	167,37
1"1/4	54	882842020	224,01
1"1/2	63.5	882842424	339,47
2"	79.4	882843232	479,10

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

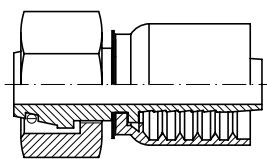
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece Metric female cone 24°

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cono 24°



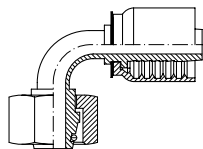
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	6	L	M12x1.5	88804120604	21,80
1/4"	8	L	M14x1.5	88804140804	21,24
1/4"	10	L	M16x1.5	88804161004	22,27
3/8"	10	L	M16x1.5	88804161006	25,14
5/16"	10	L	M16x1.5	88804161005	25,00
3/8"	12	L	M18x1.5	88804181206	24,78
1/2"	15	L	M22x1.5	88804221508	30,88
1/2"	18	L	M26x1.5	88804261808	39,57
5/8"	18	L	M26x1.5	88804261810	40,14
3/4"	22	L	M30x2	88804302212	52,63
1"	28	L	M36x2	88804362816	85,95
1"1/4	35	L	M45x2	88804453520	136,25
1"1/2	42	L	M52x2	88804524224	169,99
1/4"	8	S	M16x1.5	88804160804	23,29
1/4"	10	S	M18x1.5	88804181004	23,06
3/8"	12	S	M20x1.5	88804201206	28,55
1/2"	16	S	M24x1.5	88804241608	30,70
5/8"	20	S	M30x2	88804302010	40,99
3/4"	20	S	M30x2	88804302012	63,70
3/4"	25	S	M36x2	88804362512	69,30
1"	25	S	M36x2	88804362516	94,61
1"	30	S	M42x2	88804423016	102,51
1"1/4	38	S	M52x2	88804523820	161,90

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

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

Dichtkegel mit Ü-Mutter 90° Bogen einteilig

Coude 90° femelle pré-sertie Métrique cono 24°



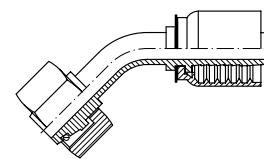
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	6	L	M12x1.5	88305120604	32,18
1/4"	8	L	M14x1.5	88305140804	30,48
1/4"	10	L	M16x1.5	88305161004	34,01
5/16"	10	L	M16x1.5	88305161005	40,89
3/8"	12	L	M18x1.5	88305181206	37,40
1/2"	15	L	M22x1.5	88305221508	42,72
5/8"	18	L	M26x1.5	88305261810	61,00
3/4"	22	L	M30x2	88305302212	76,31
1"	28	L	M36x2	88305362816	117,16
1"1/4	35	L	M45x2	88305453520	194,88
1"1/2	42	L	M52x2	88305524224	281,32
1/4"	8	S	M16x1.5	88305160804	34,88
1/4"	10	S	M18x1.5	88305181004	35,27
5/16"	12	S	M20x1.5	88305201205	45,59
3/8"	12	S	M20x1.5	88305201206	39,69
1/2"	16	S	M24x1.5	88305241608	44,08
5/8"	20	S	M30x2	88305302010	69,88
3/4"	20	S	M30x2	88305302012	79,52
3/4"	25	S	M36x2	88305362512	98,88
1"	25	S	M36x2	88305362516	126,25
1"	30	S	M42x2	88305423016	146,92
1"1/4	38	S	M52x2	88305523820	239,63

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

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

Dichtkegel mit Ü-Mutter 45° Bogen einteilig

Coude 45° femelle pré-sertie Métrique cono 24°



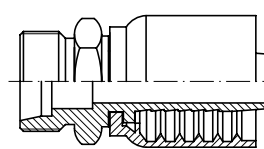
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	6	L	M12x1.5	88306120604	32,18
1/4"	8	L	M14x1.5	88306140804	30,48
1/4"	10	L	M16x1.5	88306161004	34,01
5/16"	10	L	M16x1.5	88306161005	40,89
3/8"	10	L	M16x1.5	88306161006	38,36
3/8"	12	L	M18x1.5	88306181206	37,40
1/2"	15	L	M22x1.5	88306221508	42,72
1/2"	18	L	M26x1.5	88306261808	62,61
5/8"	18	L	M26x1.5	88306261810	61,00
3/4"	22	L	M30x2	88306302212	76,31
1"	28	L	M36x2	88306362816	117,16
1"1/4	35	L	M45x2	88306453520	194,88
1"1/2	42	L	M52x2	88306524224	281,32
1/4"	8	S	M16x1.5	88306160804	34,88
1/4"	10	S	M18x1.5	88306181004	35,27
3/8"	12	S	M20x1.5	88306201206	39,69
1/2"	16	S	M24x1.5	88306241608	44,08
5/8"	20	S	M30x2	88306302010	69,88
3/4"	20	S	M30x2	88306302012	79,52
3/4"	25	S	M36x2	88306362512	98,88
1"	25	S	M36x2	88306362516	126,25
1"	30	S	M42x2	88306423016	145,06
1"1/4	38	S	M52x2	88306523820	239,63

One piece Metric male cone 24°

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cono 24°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	6	L	M12x1.5	88203120604	29,84
1/4"	8	L	M14x1.5	88203140804	23,78
5/16"	10	L	M16x1.5	88203161005	33,44
3/8"	10	L	M16x1.5	88203161006	30,18
3/8"	12	L	M18x1.5	88203181206	23,63
1/2"	15	L	M22x1.5	88203221508	30,92
5/8"	18	L	M26x1.5	88203261810	40,03
3/4"	22	L	M30x2	88203302212	54,91
1"	28	L	M36x2	88203362816	88,71
1"1/4	35	L	M45x2	88203453520	134,32
1"1/2	42	L	M52x2	88203524224	187,98
1/4"	8	S	M16x1.5	88203160804	26,79
1/4"	10	S	M18x1.5	88203181004	33,47
5/16"	12	S	M20x1.5	88203201206	34,33
3/8"	12	S	M20x1.5	88203241608	31,43
1/2"	16	S	M24x1.5	88203302010	48,52
5/8"	20	S	M30x2	88203302012	56,92
3/4"	20	S	M30x2	88203362516	99,51
1"	25	S	M36x2	88203423016	117,83
1"1/4	38	S	M52x2	88203523820	174,55

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

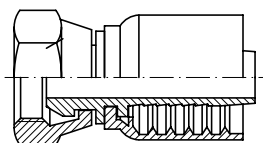
Embouts pré-sertis R1AT/R2AT/1SN/2SN/R16/2SC/R17 Série 43

One piece 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 cono 60°



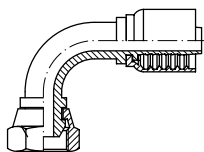
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	881000404	19,05
1/4"	3/8" BSP	881000604	24,71
5/16"	3/8" BSP	881000605	26,50
3/8"	3/8" BSP	881000606	24,28
1/2"	3/8" BSP	881000608	27,84
3/8"	1/2" BSP	881000806	28,43
1/2"	1/2" BSP	881000808	27,92
5/8"	1/2" BSP	881000810	40,53
5/8"	5/8" BSP	881001010	45,68
1/2"	3/4" BSP	881001208	40,49
5/8"	3/4" BSP	881001210	40,53
3/4"	3/4" BSP	881001212	46,00
3/4"	1" BSP	881001612	63,19
1"	1" BSP	881001616	78,14
1"1/4	1"1/4 BSP	881002020	137,66
1"1/2	1"1/2 BSP	881002424	164,66
2"	2" BSP	881003232	252,41

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 cono 60°



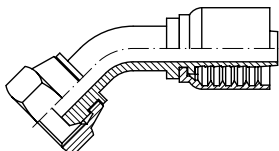
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	881070404	28,74
3/8"	3/8" BSP	881070606	33,52
1/2"	3/8" BSP	881070608	63,73
3/8"	1/2" BSP	881070806	45,36
1/2"	1/2" BSP	881070808	40,55
5/8"	5/8" BSP	881071010	66,89
5/8"	3/4" BSP	881071210	67,45
3/4"	3/4" BSP	881071212	68,41
3/4"	1" BSP	881071612	90,09
1"	1" BSP	881071616	106,24
1"1/4	1"1/4 BSP	881072020	186,67
1"1/2	1"1/2 BSP	881072424	240,51
2"	2" BSP	881073232	428,83

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 cono 60°



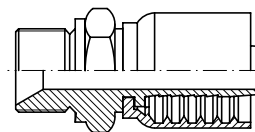
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	881080404	28,74
3/8"	3/8" BSP	881080606	33,52
1/2"	1/2" BSP	881080808	40,55
3/4"	3/4" BSP	881081212	68,41
1"	1" BSP	881081616	106,24
1"1/4	1"1/4 BSP	881082020	186,67
1"1/2	1"1/2 BSP	881082424	240,51
2"	2" BSP	881083232	428,83

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 cono 60°



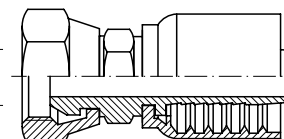
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	881120404	22,31
3/8"	3/8" BSP	881120606	26,60
3/8"	1/2" BSP	881120806	30,94
1/2"	1/2" BSP	881120808	31,55
3/4"	3/4" BSP	881121212	48,07
3/4"	1" BSP	881121612	74,93
1"	1" BSP	881121616	93,95
1"1/4	1"1/4 BSP	881122020	144,76
1"1/2	1"1/2 BSP	881122424	171,69
2"	2" BSP	881123232	264,27

One piece double hexagonal BSP female 60° cone

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

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

Femelle pré-sertie BSP cono 60° double hexagonal



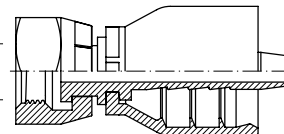
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	884000404	30,89
3/8"	3/8" BSP	884000605	34,82
3/8"	3/8" BSP	884000606	33,59
1/2"	1/2" BSP	884000808	37,56
3/4"	3/4" BSP	884001212	62,50
1"	1" BSP	884001616	101,52
1"1/4	1"1/4 BSP	884002020	147,71
1"1/2	1"1/2 BSP	884002424	206,53
2"	2" BSP	884003232	337,07

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	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	882000404	23,82
3/8"	3/8" BSP	882000606	26,53
1/2"	1/2" BSP	882000808	32,71
3/4"	3/4" BSP	882001212	52,62
1"	1" BSP	882001616	80,26

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

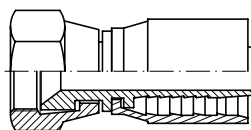
Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece JIC 37° female

Hembras giratorias rectas una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC

Femelle pré-sertie JIC 37°



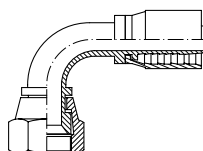
DN	THREAD ROSCA	Part nº Referencia	€
3/16"	7/16" 20h UNF	871420703	21,36
1/4"	7/16" 20h UNF	871420704	18,76
1/4"	9/16" 18h UNF	871420904	21,48
5/16"	9/16" 18h UNF	871420905	21,48
3/8"	9/16" 18h UNF	871420906	22,38
1/2"	3/4" 16h UNF	871421208	26,27
1/2"	7/8" 14h UNF	871421408	29,46
3/4"	1"1/16 12h UN	871421712	40,74
1"	1"5/16 12h UN	871422116	66,65

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°



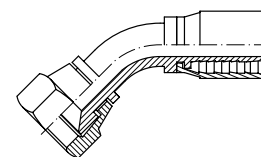
DN	THREAD ROSCA	Part nº Referencia	€
3/16"	7/16" 20h UNF	871380703	34,94
1/4"	7/16" 20h UNF	871380704	27,92
3/8"	9/16" 18h UNF	871380906	33,52
1/2"	3/4" 16h UNF	871381208	37,17
3/4"	1"1/16 12h UN	871381712	64,32
1"	1"5/16 12h UN	871382116	100,01

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°



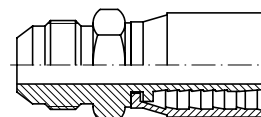
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	7/16" 20h UNF	871390704	27,92
3/8"	9/16" 18h UNF	871390906	33,52
1/2"	3/4" 16h UNF	871391208	37,17
3/4"	1"1/16 12h UN	871391712	64,32
1"	1"5/16 12h UN	871392116	100,01

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 37°



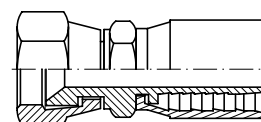
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	7/16" 20h UNF	871400704	23,80
3/8"	9/16" 18h UNF	871400906	30,04
1/2"	3/4" 16h UNF	871401208	29,58
3/4"	1"1/16 12h UN	871401712	45,75
1"	1"5/16 12h UN	871402116	77,86

One piece double hexagonal JIC 37° female

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

Dichtkopf einteilig Ü-Mutter 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



DN	THREAD ROSCA	Part nº Referencia	€
1/4"	7/16" 20h UNF	872420704	23,10
3/8"	9/16" 18h UNF	872420906	26,39
1/2"	3/4" 16h UNF	872421208	28,98
1/2"	7/8" 14h UNF	872421408	43,19
3/4"	1"1/16 12h UN	872421712	49,89
1"	1"5/16 12h UN	872422116	77,83

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

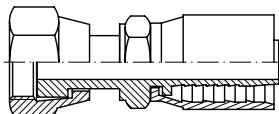
Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece double hexagonal ORFS female

Hembras giratorias rectas una sola pieza rosca ORFS doble hexagonal

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



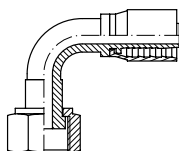
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	879000904	37,55
3/8"	11/16"-16h	879001106	44,17
1/2"	13/16"-16h	879001308	49,86
3/4"	1"3/16-12h	879001912	100,96
1"	1"7/16-12h	879002316	109,62

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



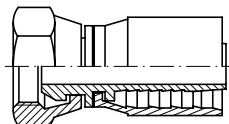
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	879070904	65,91
3/8"	11/16"-16h	879071106	78,86
1/2"	13/16"-16h	879071308	87,32
3/4"	1"3/16-12h	879071912	145,14
1"	1"7/16-12h	879072316	213,32

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 cono 60°



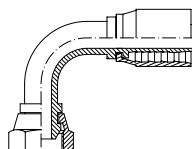
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	872610404	21,95
3/8"	3/8" 18h NPSM	872610606	22,69
1/2"	1/2" 14h NPSM	872610808	29,22
3/4"	3/4" 14h NPSM	872611212	45,90
1"	1" - 11 1/2 h NPSM	872611616	72,97

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 cono 60°



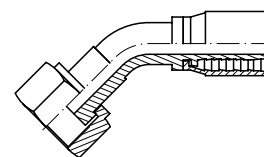
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	872620404	31,76
3/8"	3/8" 18h NPSM	872620606	34,72
1/2"	1/2" 14h NPSM	872620808	43,33
3/4"	3/4" 14h NPSM	872621212	74,44
1"	1" - 11 1/2 h NPSM	872621616	104,99

One piece ORFS female (45° Elbow)

Hembras giratorias 45° una sola pieza rosca ORFS

Dichtkopf 45° ORFS einteilig

45° Femelle pré-sertie ORFS



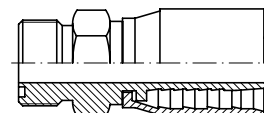
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	879080904	65,91
3/8"	11/16"-16h	879081106	78,86
1/2"	13/16"-16h	879081308	87,32
3/4"	1"3/16-12h	879081912	145,14
1"	1"7/16-12h	879082316	213,32

One piece ORFS male

Machos compactos rosca ORFS

Außengewinde einteilig ORFS

Mâle pré-serti ORFS



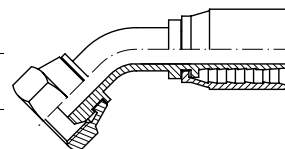
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	879120904	43,35
3/8"	11/16"-16h	879121106	42,80
1/2"	13/16"-16h	879121308	52,27
3/4"	1"3/16-12h	879121912	94,32
1"	1"7/16-12h	879122316	137,72

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

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

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

45° Femelle pré-sertie NPSM cono 60°



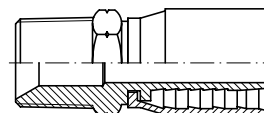
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	872630404	31,76
3/8"	3/8" 18h NPSM	872630606	34,72
1/2"	1/2" 14h NPSM	872630808	43,33
3/4"	3/4" 14h NPSM	872631212	74,44
1"	1" - 11 1/2 h NPSM	872631616	104,99

One piece NPT male pipe straight

Machos una sola pieza rosca cónica NPT

Außengewinde einteilig kon. NPT

Mâle pré-serti NPT



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" NPT	871610404	19,09
3/8"	3/8" NPT	871610606	21,43
1/2"	1/2" NPT	871610808	28,04
3/4"	3/4" NPT	871611212	40,44
1"	1" NPT	871611616	66,98

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

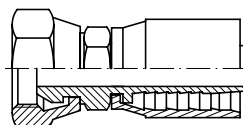
Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece double hexagonal NPSM female 60° cone

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

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

Femelle pré-sertie NPSM cono 60° double hexagonal



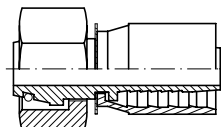
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" NPSM	873610404	34,40
3/8"	3/8" 18h NPSM	873610606	36,19
1/2"	1/2" 14h NPSM	873610808	40,59
3/4"	3/4" NPSM	873611212	60,45
1"	1" - 11 1/2 h NPSM	873611616	96,43

One piece Metric female 24° cone

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cono 24°



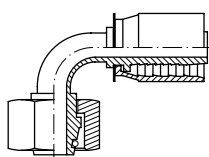
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	87804140804	17,46
3/8"	12	L	M18x1.5	87804181206	20,94
1/2"	15	L	M22x1.5	87804221508	27,92
3/4"	22	L	M30x2	87804302212	45,91
1"	28	L	M36x2	87804362816	72,52
1/4"	8	S	M16x1.5	87804160804	21,16
1/4"	10	S	M18x1.5	87804181004	20,93
3/8"	12	S	M20x1.5	87804201206	24,10
1/2"	16	S	M24x1.5	87804241608	27,21
3/4"	20	S	M30x2	87804302012	56,98
3/4"	25	S	M36x2	87804362512	62,58
1"	30	S	M42x2	87804423016	89,08

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

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

Dichtkegel mit Ü-Mutter 90° Bogen einteilig

90° Femelle pré-sertie Métrique cono 24°



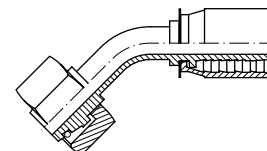
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	87305140804	28,23
3/8"	12	L	M18x1.5	87305181206	33,56
1/2"	15	L	M22x1.5	87305221508	39,83
3/4"	22	L	M30x2	87305302212	69,61
1"	28	L	M36x2	87305362816	104,63
1/4"	8	S	M16x1.5	87305160804	33,01
1/4"	10	S	M18x1.5	87305181004	33,01
3/8"	12	S	M20x1.5	87305201206	36,04
1/2"	16	S	M24x1.5	87305241608	40,80
3/4"	25	S	M36x2	87305362512	92,16
1"	30	S	M42x2	87305423016	132,53

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

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

Dichtkegel mit Ü-Mutter 45° Bogen einteilig

45° Femelle pré-sertie Métrique cono 24°



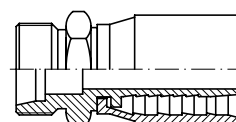
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	87306140804	28,23
1/4"	10	S	M18x1.5	87306181004	33,01
3/8"	12	L	M18x1.5	87306181206	33,56
1/2"	15	L	M22x1.5	87306221508	39,83
3/4"	22	L	M30x2	87306302212	69,61
1"	28	L	M36x2	87306362816	104,63
1/4"	8	S	M16x1.5	87306160804	33,01
3/8"	12	S	M20x1.5	87306201206	36,04
1/2"	16	S	M24x1.5	87306241608	40,80
3/4"	25	S	M36x2	87306362512	92,16
1"	30	S	M42x2	87306423016	132,53

One piece Metric male 24° cone

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cono 24°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	87203140804	21,53
3/8"	12	L	M18x1.5	87203181206	19,83
1/2"	15	L	M22x1.5	87203221508	27,44
3/4"	22	L	M30x2	87203302212	48,19
1"	28	L	M36x2	87203362816	76,18
1/4"	8	S	M16x1.5	87203160804	24,53
3/8"	12	S	M20x1.5	87203201206	30,49
1/2"	16	S	M24x1.5	87203241608	28,10
3/4"	25	S	M36x2	87203362512	64,50
1"	30	S	M42x2	87203423016	105,30

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

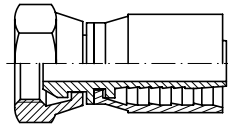
Conexiones una sola pieza R7/ R8/ Elastómero malla metálica
Einteilige Armaturen R7/ R8 und Elastomer/Metallumfl.
Embouts pré-sertis R7/R8 et Elastomère tresse métallique

One piece 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 cone 60°



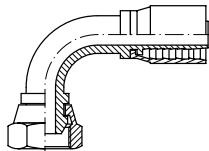
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	871000404	16,80
3/8"	3/8" BSP	871000606	20,78
1/2"	1/2" BSP	871000808	24,27
3/4"	3/4" BSP	871001212	39,28
1"	1" BSP	871001616	64,71

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 cone 60°



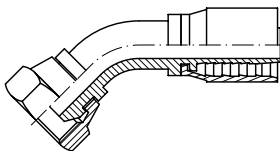
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	871070404	26,68
3/8"	3/8" BSP	871070606	30,29
1/2"	1/2" BSP	871070808	37,30
3/4"	3/4" BSP	871071212	61,69
1"	1" BSP	871071616	93,71

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 cone 60°



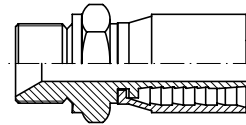
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	871080404	26,68
3/8"	3/8" BSP	871080606	30,29
1/2"	1/2" BSP	871080808	37,30
3/4"	3/4" BSP	871081212	61,69
1"	1" BSP	871081616	93,71

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 cone 60°



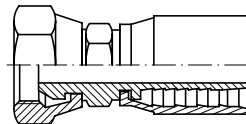
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	871120404	20,06
3/8"	3/8" BSP	871120606	21,72
1/2"	1/2" BSP	871120808	27,00
3/4"	3/4" BSP	871121212	41,35
1"	1" BSP	871121616	80,52

One piece double hexagonal BSP female 60° cone

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

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

Femelle pré-sertie BSP cone 60° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	874000404	28,64
3/8"	3/8" BSP	874000606	30,60
1/2"	1/2" BSP	874000808	34,07
3/4"	3/4" BSP	874001212	55,78
1"	1" BSP	874001616	88,99

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14

Einteilige Armaturen PTFE-Glattschlauch/ R14

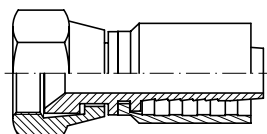
Embouts pré-sertis pour PTFE lisse/ R14

One piece JIC 37° female

Hembras giratorias rectas una sola pieza rosca JIC 37°

Dichtkopf einteilig Ü-Mutter 37° JIC

Femelle pré-sertie JIC 37°



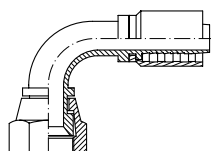
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	861420704	17,66
1/4"	1/2" 20h UNF	861420804	19,02
5/16"	1/2" 20h UNF	861420805	22,26
5/16"	9/16" 18h UNF	861420905	20,92
3/8"	9/16" 18h UNF	861420906	20,79
1/2"	3/4" 16h UNF	861421208	24,88
3/4"	1"1/16 12h UN	861421712	37,74
1"	1"5/16 12h UN	861422116	63,25

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°



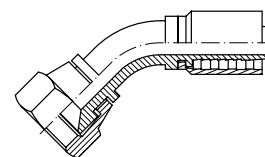
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	861380704	26,64
5/16"	9/16" 18h UNF	861380905	33,70
3/8"	9/16" 18h UNF	861380906	32,26
1/2"	3/4" 16h UNF	861381208	35,78
3/4"	1"1/16 12h UN	861381712	61,32
1"	1"5/16 12h UN	861382116	96,61

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°



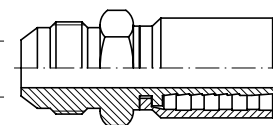
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	861390704	26,44
3/8"	9/16" 18h UNF	861390906	32,26
1/2"	3/4" 16h UNF	861391208	35,78
3/4"	1"1/16 12h UN	861391712	61,32
1"	1"5/16 12h UN	861392116	96,61

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 37°



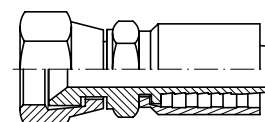
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	861400704	22,70
3/8"	9/16" 18h UNF	861400906	28,78
1/2"	3/4" 16h UNF	861401208	27,68
3/4"	1"1/16 12h UN	861401712	42,75
1"	1"5/16 12h UN	861402116	74,46

One piece JIC 37° double hexagonal female

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

Dichtkopf einteilig Ü-Mutter 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
3/16"	7/16" 20h UNF	862420703	25,82
1/4"	7/16" 20h UNF	862420704	21,92
5/16"	1/2" 20h UNF	862420805	32,30
3/8"	9/16" 18h UNF	862420906	24,67
1/2"	3/4" 16h UNF	862421208	27,08
5/8"	1"1/16 12h UN	862421710	51,73
3/4"	1"1/16 12h UN	862421712	46,89
1"	1"5/16 12h UN	862422116	74,43

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14

Einteilige Armaturen PTFE-Glattschlauch/ R14

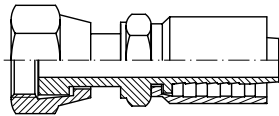
Embouts pré-sertis pour PTFE lisse/ R14

One piece doble hexagonal ORFS female

Hembras giratorias rectas una sola pieza rosca ORFS doble hexagonal

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



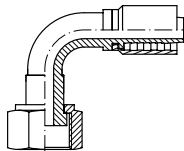
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	869000904	36,05
3/8"	11/16"-16h	869001106	42,43
1/2"	13/16"-16h	869001308	47,94
3/4"	1"3/16-12h	869001912	97,96
1"	1"7/16-12h	869002316	106,22

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



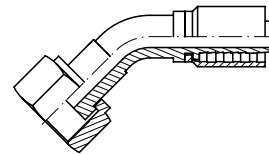
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	869070904	64,41
3/8"	11/16"-16h	869071106	77,12
1/2"	13/16"-16h	869071308	85,93
3/4"	1"3/16-12h	869071912	141,61
1"	1"7/16-12h	869072316	209,92

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



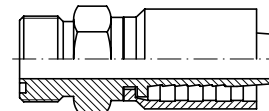
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	869080904	64,41
3/8"	11/16"-16h	869081106	77,12
1/2"	13/16"-16h	869081308	85,93
3/4"	1"3/16-12h	869081912	141,61
1"	1"7/16-12h	869082316	209,92

One piece ORFS male

Machos una sola pieza rosca ORFS

Außengewinde einteilig ORFS

Mâle pré-serti ORFS



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	869120904	42,25
3/8"	11/16"-16h	869121106	41,54
1/2"	13/16"-16h	869121308	50,88
3/4"	1"3/16-12h	869121912	91,32
1"	1"7/16-12h	869122316	134,32

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14

Einteilige Armaturen PTFE-Glattschlauch/ R14

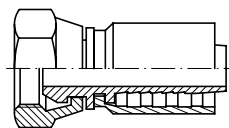
Embouts pré-sertis pour PTFE lisse/ R14

One piece 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 cone 60°



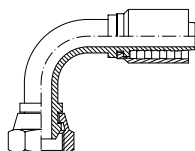
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" 18h NPSM	862610404	20,47
3/8"	3/8" 18h NPSM	862610606	21,42
1/2"	1/2" 14h NPSM	862610808	27,83
3/4"	3/4" 14h NPSM	862611212	42,90
1"	1" - 11 1/2 h NPSM	862611616	69,57

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 cone 60°



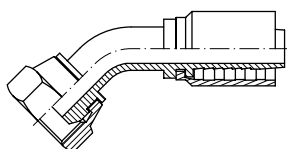
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" 18h NPSM	862620404	30,28
3/8"	3/8" 18h NPSM	862620606	33,45
1/2"	1/2" 14h NPSM	862620808	41,94
3/4"	3/4" 14h NPSM	862621212	71,43
1"	1" - 11 1/2 h NPSM	862621616	101,59

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 cone 60°



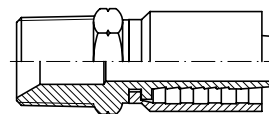
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" 18h NPSM	862630404	30,28
3/8"	3/8" 18h NPSM	862630606	33,45
1/2"	1/2" 14h NPSM	862630808	41,94
3/4"	3/4" 14h NPSM	862631212	71,43
1"	1" - 11 1/2 h NPSM	862631616	101,59

One piece NPT male pipe straight

Machos una sola pieza rosca cónica NPT

Außengewinde einteilig kon. NPT

Mâle pré-serti NPT



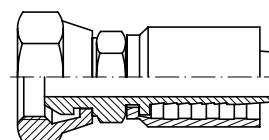
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" NPT	861610404	18,00
3/8"	3/8" NPT	861610606	20,16
1/2"	1/2" NPT	861610808	26,14
3/4"	3/4" NPT	861611212	37,44
1"	1" NPT	861611616	63,58

One piece double hexagonal NPSM female 60° cone

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

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

Femelle pré-sertie NPSM cone 60° double hexagonal



DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" NPSM	863610404	32,92
3/8"	3/8" 18h NPSM	863610606	34,92
1/2"	1/2" 14h NPSM	863610808	38,69
3/4"	3/4" NPSM	863611212	57,45
1"	1" - 11 1/2 h NPSM	863611616	93,03

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14

Einteilige Armaturen PTFE-Glattschlauch/ R14

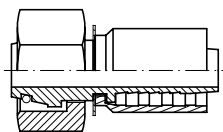
Embouts pré-sertis pour PTFE lisse/ R14

One piece Metric female 24° cone

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cone 24°



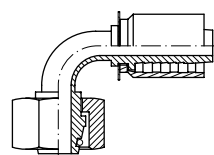
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	86804140804	16,35
3/8"	12	L	M18x1.5	86804181206	19,67
1/2"	15	L	M22x1.5	86804221508	26,00
3/4"	22	L	M30x2	86804302212	42,38
1"	28	L	M36x2	86804362816	69,12
1/4"	8	S	M16x1.5	86804160804	19,94
3/8"	12	S	M20x1.5	86804201206	22,38
1/2"	16	S	M24x1.5	86804241608	25,82
3/4"	25	S	M36x2	86804362512	59,58
1"	30	S	M42x2	86804423016	85,68

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

Hembras giratorias 90° una sola pieza rosca
Métrica cono 24° - DKO 90°

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

90° Femelle pré-sertie Métrique cone 24°



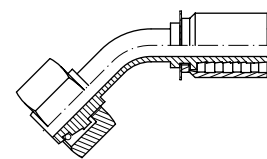
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	86305140804	27,13
3/8"	12	L	M18x1.5	86305181206	32,29
1/2"	15	L	M22x1.5	86305221508	37,84
3/4"	22	L	M30x2	86305302212	66,61
1"	28	L	M36x2	86305362816	101,23
1/4"	8	S	M16x1.5	86305160804	31,53
3/8"	12	S	M20x1.5	86305201206	34,58
1/2"	16	S	M24x1.5	86305241608	39,20
3/4"	25	S	M36x2	86305362512	89,16
1"	30	S	M42x2	86305423016	129,13

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

Hembras giratorias 45° una sola pieza rosca
Métrica cono 24° - DKO 45°

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

45° Femelle pré-sertie Métrique cone 24°



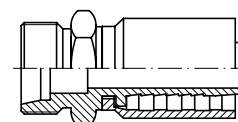
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	86306140804	27,13
3/8"	12	L	M18x1.5	86306181206	32,29
1/2"	15	L	M22x1.5	86306221508	37,84
3/4"	22	L	M30x2	86306302212	66,61
1"	28	L	M36x2	86306362816	101,23
1/4"	8	S	M16x1.5	86306160804	31,53
3/8"	12	S	M20x1.5	86306201206	34,58
1/2"	16	S	M24x1.5	86306241608	39,20
3/4"	25	S	M36x2	86306362512	89,16
1"	30	S	M42x2	86306423016	129,13

One piece Metric male 24° cone

Machos compactos rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cone 24°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	86203140804	20,43
3/8"	12	L	M18x1.5	86203181206	18,52
1/2"	15	L	M22x1.5	86203221508	26,04
3/4"	22	L	M30x2	86203302212	45,18
1"	28	L	M36x2	86203362816	72,78
1/4"	8	S	M16x1.5	86203160804	23,44
3/8"	12	S	M20x1.5	86203201206	29,22
1/2"	16	S	M24x1.5	86203241608	26,55
3/4"	25	S	M36x2	86203362512	61,49
1"	30	S	M42x2	86203423016	101,90

One piece fittings for Smooth PTFE/ R14

Conexiones una sola pieza PTFE Liso / R14

Einteilige Armaturen PTFE-Glattschlauch/ R14

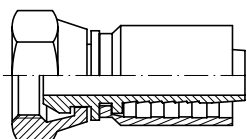
Embouts pré-sertis pour PTFE lisse/ R14

One piece 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 cone 60°



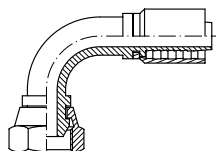
DN	THREAD ROSCA	Part n° Referencia	€
3/16"	1/4" BSP	861000403	20,46
1/4"	1/4" BSP	861000404	15,70
3/8"	3/8" BSP	861000606	19,17
1/2"	1/2" BSP	861000808	22,78
3/4"	3/4" BSP	861001212	36,28
1"	1" BSP	861001616	61,31

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 cone 60°



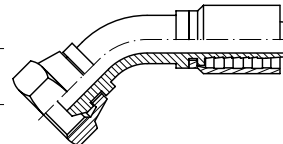
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	861070404	25,57
3/8"	3/8" BSP	861070606	29,02
1/2"	1/2" BSP	861070808	35,93
3/4"	3/4" BSP	861071212	59,14
1"	1" BSP	861071616	90,97

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

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

Dichtkopf mit Überwurfmutter einteilig BSP 60° kon. 45°

45° Femelle pré-sertie BSP cone 60°



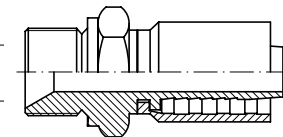
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	861080404	25,57
3/8"	3/8" BSP	861080606	29,02
1/2"	1/2" BSP	861080808	35,93
3/4"	3/4" BSP	861081212	59,14
1"	1" BSP	861081616	90,97

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 cone 60°



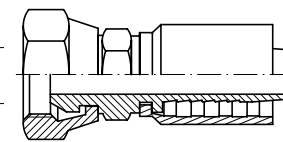
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	861120404	18,96
3/8"	3/8" BSP	861120606	20,12
1/2"	1/2" BSP	861120808	25,61
3/4"	3/4" BSP	861121212	38,35
1"	1" BSP	861121616	77,12

One piece double hexagonal BSP female 60° cone

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

Dichtkopf mit Überwurfmutter einteilig BSP 60° kon. doppelt 6 kt

Femelle pré-sertie BSP cone 60° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	864000404	27,54
3/8"	3/8" BSP	864000606	29,34
1/2"	1/2" BSP	864000808	32,68
3/4"	3/4" BSP	864001212	52,78
1"	1" BSP	864001616	85,59

One piece fittings for convoluted PTFE

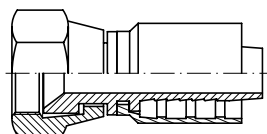
Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellenschlauch
Embouts pré-sertis pour PTFE convoluto

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°



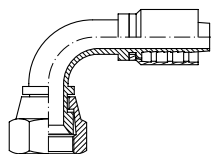
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	851420704	18,85
5/16"	1/2" 20h UNF	851420805	20,64
3/8"	9/16" 18h UNF	851420906	20,99
1/2"	3/4" 16h UNF	851421208	26,73
3/4"	1" 1/16 12h UN	851421712	40,76
1"	1"5/16 12h UN	851422116	66,17
1" 1/4"	1"5/8 12h UN	851422620	102,68

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°



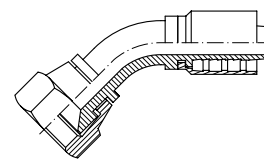
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	851380704	27,83
3/8"	9/16" 18h UNF	851380906	32,47
1/2"	3/4" 16h UNF	851381208	37,63
3/4"	1" 1/16 12h UN	851381712	64,35
1"	1"5/16 12h UN	851382116	99,53

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°



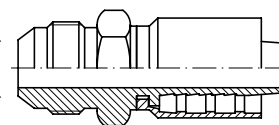
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	851390704	27,83
3/8"	9/16" 18h UNF	851390906	32,47
1/2"	3/4" 16h UNF	851391208	37,63
3/4"	1" 1/16 12h UN	851391712	64,35
1"	1"5/16 12h UN	851392116	99,53

One piece JIC 37° male

Machos una sola pieza rosca JIC 37°

Außengewinde einteilig JIC 37°

Mâle pré-serti JIC 37°



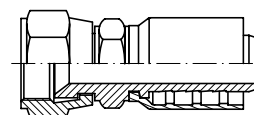
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	851400704	23,89
3/8"	9/16" 18h UNF	851400906	28,98
1/2"	3/4" 16h UNF	851401208	29,53
3/4"	1" 1/16 12h UN	851401712	45,78
1"	1"5/16 12h UN	851402116	77,38

One piece JIC 37° double hexagonal female

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

Dichtkopf einteilig Ü-Mutter 37° JIC doppelt 6 kt

Femelle pré-sertie JIC 37° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	852420704	23,11
3/8"	9/16" 18h UNF	852420906	24,88
1/2"	3/4" 16h UNF	852421208	28,93
3/4"	1" 1/16 12h UN	852421712	49,91
1"	1"5/16 12h UN	852422116	77,35

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado

Einteilige Armaturen PTFE-Wellenschlauch

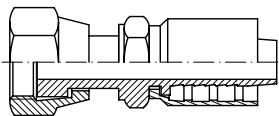
Embouts pré-sertis pour PTFE convoluto

One piece double hexagonal ORFS female

Hembras giratorias rectas una sola pieza rosca ORFS doble hexagonal

Dichtkopf mit ORFS einteilig Ü-Mutter doppelt 6 kt

Femelle pré-sertie ORFS double hexagonal



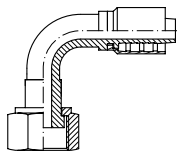
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	859000904	37,24
3/8"	11/16"-16h	859001106	42,33
1/2"	13/16"-16h	859001308	49,79
3/4"	1"3/16-12h	859001912	100,98
1"	1"7/16-12h	859002316	109,14

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



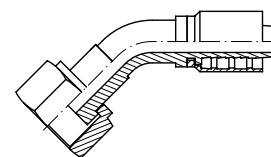
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	859070904	65,60
3/8"	11/16"-16h	859071106	77,02
1/2"	13/16"-16h	859071308	87,78
3/4"	1"3/16-12h	859071912	144,52
1"	1"7/16-12h	859072316	212,84

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



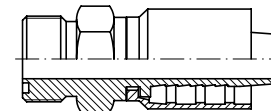
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	859080904	65,60
3/8"	11/16"-16h	859081106	77,02
1/2"	13/16"-16h	859081308	87,78
3/4"	1"3/16-12h	859081912	144,52
1"	1"7/16-12h	859082316	212,84

One piece ORFS male

Machos una sola pieza rosca ORFS

Außengewinde einteilig ORFS

Mâle pré-serti ORFS



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	9/16"-18h	859120904	43,44
3/8"	11/16"-16h	859121106	41,74
1/2"	13/16"-16h	859121308	52,73
3/4"	1"3/16-12h	859121912	94,35
1"	1"7/16-12h	859122316	137,24

One piece fittings for convoluted PTFE

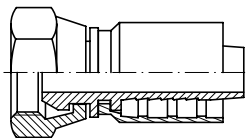
Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Wellenschlauch
Embouts pré-sertis pour PTFE convoluto

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 cono 60°



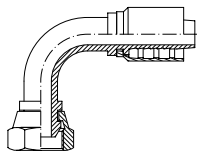
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	852610404	21,66
3/8"	3/8" 18h NPSM	852610606	21,63
1/2"	1/2" 14h NPSM	852610808	29,68
3/4"	3/4" 14h NPSM	852611212	45,92
1"	1" - 11 1/2 h NPSM	852611616	72,49

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 cono 60°



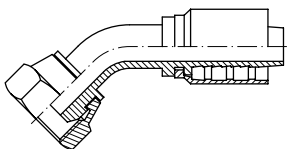
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	852620404	31,47
3/8"	3/8" 18h NPSM	852620606	33,66
1/2"	1/2" 14h NPSM	852620808	43,79
3/4"	3/4" 14h NPSM	852621212	74,46
1"	1" - 11 1/2 h NPSM	852621616	104,51

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 cono 60°



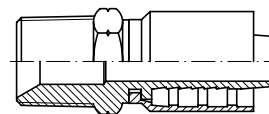
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	852630404	31,47
3/8"	3/8" 18h NPSM	852630606	33,66
1/2"	1/2" 14h NPSM	852630808	43,79
3/4"	3/4" 14h NPSM	852631212	74,46
1"	1" - 11 1/2 h NPSM	852631616	104,51

One piece NPT male pipe straight

Machos una sola pieza rosca cónica NPT

Außengewinde einteilig kon. NPT

Mâle pré-serti NPT



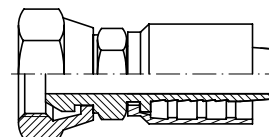
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" NPT	851610404	19,19
3/8"	3/8" NPT	851610606	20,37
1/2"	1/2" NPT	851610808	27,99
3/4"	3/4" NPT	851611212	40,47
1"	1" NPT	851611616	66,50

One piece double hexagonal NPSM female 60° cone

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

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

Femelle pré-sertie NPSM cono 60° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" NPSM	853610404	34,11
3/8"	3/8" 18h NPSM	853610606	35,13
1/2"	1/2" 14h NPSM	853610808	40,54
3/4"	3/4" NPSM	853611212	60,47
1"	1" - 11 1/2 h NPSM	853611616	95,95

One piece fittings for convoluted PTFE

Conexiones una sola pieza PTFE Corrugado

Einteilige Armaturen PTFE-Wellenschlauch

Embouts pré-sertis pour PTFE convoluto

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

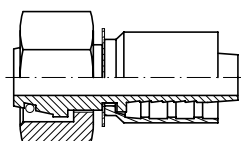
Trile LOK

One piece Metric female 24° cone

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

Dichtkopf metr. einteilig Ü-Mutter kon. 24°

Femelle pré-sertie Métrique cono 24°



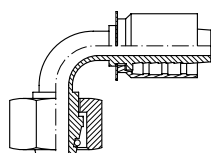
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	85804140804	17,54
3/8"	12	L	M18x1.5	85804181206	19,88
1/2"	15	L	M22x1.5	85804221508	27,85
3/4"	22	L	M30x2	85804302212	45,29
1"	28	L	M36x2	85804362816	72,04
1/4"	8	S	M16x1.5	85804160804	21,13
3/8"	12	S	M20x1.5	85804201206	22,59
1/2"	16	S	M24x1.5	85804241608	27,67
3/4"	25	S	M36x2	85804362512	62,60
1"	30	S	M42x2	85804423016	88,60

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

Hembras giratorias 90° una sola pieza rosca
Métrica cono 24° - DKO 90°

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

90° Femelle pré-sertie Métrique cono 24°



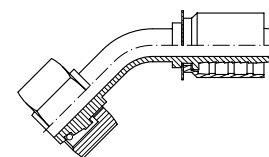
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	85305140804	28,32
3/8"	12	L	M18x1.5	85305181206	32,50
1/2"	15	L	M22x1.5	85305221508	40,29
3/4"	22	L	M30x2	85305302212	69,63
1"	28	L	M36x2	85305362816	104,15
1/4"	8	S	M16x1.5	85305160804	32,72
3/8"	12	S	M20x1.5	85305201206	34,79
1/2"	16	S	M24x1.5	85305241608	41,05
3/4"	25	S	M36x2	85305362512	92,18
1"	30	S	M42x2	85305423016	132,05

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

Hembras giratorias 45° una sola pieza rosca
Métrica cono 24° - DKO 45°

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

45° Femelle pré-sertie Métrique cono 24°



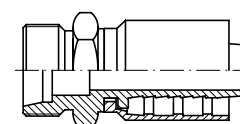
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	85306140804	28,32
3/8"	12	L	M18x1.5	85306181206	32,50
1/2"	15	L	M22x1.5	85306221508	40,29
3/4"	22	L	M30x2	85306302212	69,63
1"	28	L	M36x2	85306362816	104,15
1/4"	8	S	M10x1.5	85306160804	32,72
3/8"	12	S	M20x1.5	85306201206	34,79
1/2"	16	S	M24x1.5	85306241608	41,05
3/4"	25	S	M36x2	85306362512	92,18
1"	30	S	M42x2	85306423016	132,05

One piece Metric male 24° cone

Machos una sola pieza rosca Métrica cono 24°

Außengewinde einteilig metr. kon. 24°

Mâle pré-serti Métrique cono 24°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/4"	8	L	M14x1.5	85203140804	21,62
3/8"	12	L	M18x1.5	85203181206	18,73
1/2"	15	L	M22x1.5	85203221508	27,89
3/4"	22	L	M30x2	85203302212	48,21
1"	28	L	M36x2	85203362816	75,70
1/4"	8	S	M16x1.5	85203160804	24,63
3/8"	12	S	M20x1.5	85203201206	29,43
1/2"	16	S	M24x1.5	85203241608	28,40
3/4"	25	S	M36x2	85203362512	64,52
1"	30	S	M42x2	85203423016	104,82

One piece fittings for convoluted PTFE

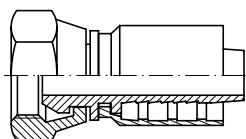
Conexiones una sola pieza PTFE Corrugado
Einteilige Armaturen PTFE-Well Schlauch
Embouts pré-sertis pour PTFE convoluto

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 cone 60°



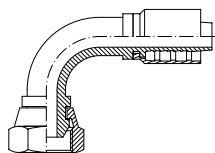
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	851000404	16,89
3/8"	3/8" BSP	851000606	19,38
1/2"	1/2" BSP	851000808	24,63
3/4"	3/4" BSP	851001212	39,31
1"	1" BSP	851001616	64,23

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 cone 60°



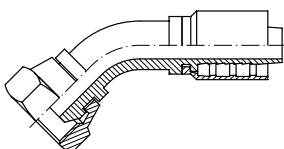
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	851070404	26,76
3/8"	3/8" BSP	851070606	29,23
1/2"	1/2" BSP	851070808	37,78
3/4"	3/4" BSP	851071212	62,16
1"	1" BSP	851071616	93,89

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 cone 60°



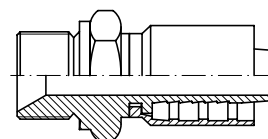
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	851080404	26,76
3/8"	3/8" BSP	851080606	29,23
1/2"	1/2" BSP	851080808	37,78
3/4"	3/4" BSP	851081212	62,16
1"	1" BSP	851081616	93,89

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 cone 60°



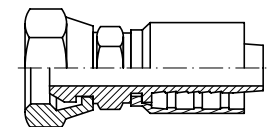
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	851120404	20,15
3/8"	3/8" BSP	851120606	20,33
1/2"	1/2" BSP	851120808	27,46
3/4"	3/4" BSP	851121212	41,38
1"	1" BSP	851121616	80,04

One piece double hexagonal BSP female 60° cone

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

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

Femelle pré-sertie BSP cone 60° double hexagonal



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	854000404	28,73
3/8"	3/8" BSP	854000606	29,54
1/2"	1/2" BSP	854000808	34,53
3/4"	3/4" BSP	854001212	55,80
1"	1" BSP	854001616	88,51

One piece fittings BW Series R12/4SP/4SH

Conexiones una sola pieza Serie BW R12/4SP/4SH

Einteilige Armaturen Serie BW R12/4SP/4SH

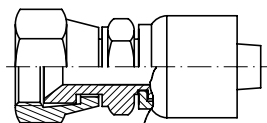
Embouts pré-sertis R12/4SP/4SH Série BW

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



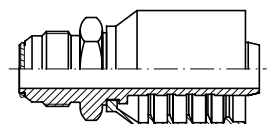
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z682421208	55,47
5/8"	7/8" 14h UNF	Z682421410	71,56
3/4"	1"1/16 12h UN	Z682421712	91,92
1"	1"5/16 12h UN	Z682422116	131,96
1"1/4	1"5/8 12h UN	Z682422620	278,06
1"1/2	1"7/8 12h UN	Z682423024	414,60
2"	2"1/2 12h UN	Z682424032	617,68

One piece JIC 37° male with o'ring

Machos una sola pieza rosca JIC 37° con junta

Außengewinde einteilig JIC 37° mit O-Ring

Mâle pré-serti JIC 37° avec joint torique



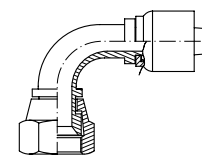
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z681411208	57,27
5/8"	7/8" 14h UNF	Z681411410	65,65
3/4"	1"1/16 12h UN	Z681411712	85,01
1"	1"5/16 12h UN	Z681412116	112,79
1"1/4	1"5/8 12h UN	Z681412620	163,73
1"1/2	1"7/8 12h UN	Z681413024	207,06
2"	2"1/2 12h UN	Z681414032	381,46

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°



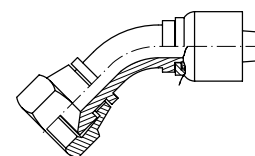
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z681381208	62,41
5/8"	7/8" 14h UNF	Z681381410	75,80
3/4"	1"1/16 12h UN	Z681381712	94,80
1"	1"5/16 12h UN	Z681382116	130,62
1"1/4	1"5/8 12h UN	Z681382620	201,84
1"1/2	1"7/8 12h UN	Z681383024	290,97
2"	2"1/2 12h UN	Z681384032	538,06

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	THREAD ROSCA	Part n° Referencia	€
1/2"	3/4" 16h UNF	Z681391208	62,41
5/8"	7/8" 14h UNF	Z681391410	75,80
3/4"	1"1/16 12h UN	Z681391712	94,80
1"	1"5/16 12h UN	Z681392116	130,62
1"1/4	1"5/8 12h UN	Z681392620	201,84
1"1/2	1"7/8 12h UN	Z681393024	290,97
2"	2"1/2 12h UN	Z681394032	538,06

One piece fittings BW Series R12/4SP/4SH

Conexiones una sola pieza Serie BW R12/4SP/4SH

Einteilige Armaturen Serie BW R12/4SP/4SH

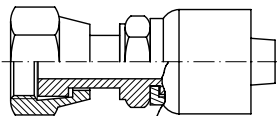
Embouts pré-sertis R12/4SP/4SH Série BW

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



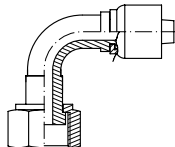
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	13/16"-16h	Z689011308	76,16
5/8"	1"-14h	Z689011610	101,53
3/4"	1"3/16-12h	Z689011912	112,84
1"	1"7/16-12h	Z689012316	159,20
1"1/4	1" 11/16-12h	Z689012720	219,17
1"1/2	2"-12h	Z689013224	315,54

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



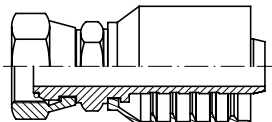
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	13/16"-16h	Z689071308	121,66
5/8"	1"-14h	Z689071610	160,27
3/4"	1"3/16-12h	Z689071912	253,80
1"	1"7/16-12h	Z689072316	364,26
1"1/4	1" 11/16-12h	Z689072720	517,26
1"1/2	2"-12h	Z689073224	1.403,88

One piece double hexagonal NPSM female 60° cone with o'ring

Hembras giratorias rectas una sola pieza NPSM cono 60° doble hexagonal con junta

Dichtkopf mit NPSM einteilig Ü-Mutter 60° kon. doppelt 6 kt mit O-Ring

Femelle pré-sertie NPSM cone 60° double hexagonal avec joint torique



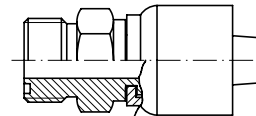
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" 14h NPSM	Z684610808	60,22
1"	1" NPSM	Z684611616	141,58
1"1/4	1"1/4 NPSM	Z684612020	267,45
1"1/2	1"1/2 NPSM	Z684612424	364,32
2"	2" NPSM	Z684613232	536,10

One piece ORFS Male

Machos compactos ORFS

Außengewinde ORFS einteilig

Mâle pré-serti ORFS



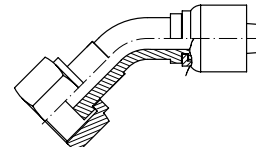
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	13/16"-16h	Z689121308	74,59
5/8"	1"-14h	Z689121610	108,39
3/4"	1"3/16-12h	Z689121912	163,40
1"	1"7/16-12h	Z689122316	235,72
1"1/4	1" 11/16-12h	Z689122720	337,46
1"1/2	2"-12h	Z689123224	495,61

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



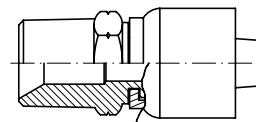
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	13/16"-16h	Z689081308	121,66
5/8"	1"-14h	Z689081610	160,27
3/4"	1"3/16-12h	Z689081912	253,80
1"	1"7/16-12h	Z689082316	364,26
1"1/4	1" 11/16-12h	Z689082720	517,26
1"1/2	2"-12h	Z689083224	1.403,88

One piece NPT Male pipe straight

Machos cónicos una sola pieza NPT

Außengewinde kon. einteilig NPT

Mâle pré-serti conique NPT



DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" NPT	Z681610808	53,36
3/4"	3/4" NPT	Z681611212	72,87
1"	1" NPT	Z681611616	98,37
1"1/4	1"1/4 NPT	Z681612020	164,23
1"1/2	1"1/2 NPT	Z681612424	237,86
2"	2" NPT	Z681613232	424,59

One piece fittings BW Series R12/4SP/4SH

Conexiones una sola pieza Serie BW R12/4SP/4SH

Einteilige Armaturen Serie BW R12/4SP/4SH

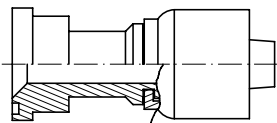
Embouts pré-sertis R12/4SP/4SH Série BW

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



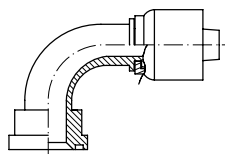
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z681820808	82,48
5/8"	38.1	Z681821210	102,62
3/4"	38.1	Z681821212	96,03
1"	44.5	Z681821616	120,78
1"1/4	50.8	Z681822020	195,80
1"1/2	60.3	Z681822424	262,67
2"	71.4	Z681823232	403,20

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



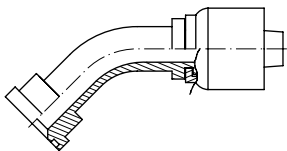
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z681830808	102,55
5/8"	38.1	Z681831210	145,69
3/4"	38.1	Z681831212	122,87
1"	44.5	Z681831616	175,35
1"1/4	50.8	Z681832020	235,83
1" 1/2	60.3	Z681832424	382,12
2"	71.4	Z681833232	545,81

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



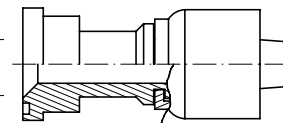
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z681840808	102,55
5/8"	38.1	Z681841210	145,69
3/4"	38.1	Z681841212	122,87
1"	44.5	Z681841616	175,35
1"1/4	50.8	Z681842020	235,83
1" 1/2	60.3	Z681842424	382,12
2"	71.4	Z681843232	545,81

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



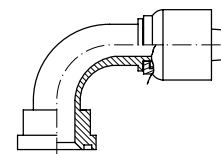
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z682820808	86,44
5/8"	38.1	Z682821210	128,88
3/4"	41.3	Z682821212	104,66
1"	47.6	Z682821616	128,66
1"1/4	54	Z682822020	197,69
1"1/2	63.5	Z682822424	264,80
2"	79.4	Z682823232	415,60

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



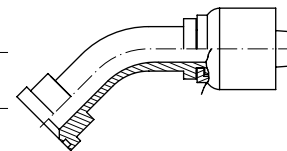
DN	Ø	Part n° Referencia	€
1/2"	30.2	Z682830808	102,82
5/8"	38.1	Z682831210	155,55
3/4"	41.3	Z682831212	129,15
1"	47.6	Z682831616	176,85
1"1/4	54	Z682832020	242,23
1"1/2	63.5	Z682832424	387,72
2"	79.4	Z682833232	559,29

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	Part n° Referencia	€
1/2"	30.2	Z682840808	102,82
5/8"	38.1	Z682841210	155,55
3/4"	41.3	Z682841212	129,15
1"	47.6	Z682841616	176,85
1"1/4	54	Z682842020	242,23
1"1/2	63.5	Z682842424	387,72
2"	79.4	Z682843232	559,29

One piece fittings BW Series R12/4SP/4SH

Conexiones una sola pieza Serie BW R12/4SP/4SH

Einteilige Armaturen Serie BW R12/4SP/4SH

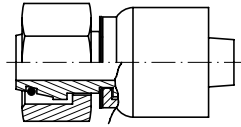
Embouts pré-sertis R12/4SP/4SH Série BW

One piece Metric swivel female 24° seat with o'ring

Hembras giratorias rectas una sola pieza rosca Métrica cono 24° con junta tórica

Dichtkopf mit Ü-Mutter kon. 24° einteilig

Femelle pré-sertie Métrique 24° avec o'ring



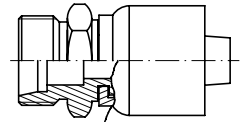
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z68204241608	52,73
3/4"	20	S	M30x2	Z68204302012	81,84
3/4"	25	S	M36x2	Z68204362512	96,70
1"	30	S	M42x2	Z68204423016	119,36
1"1/4	38	S	M52x2	Z68204523820	165,25

One piece Metric male stud 24° cone

Macho una sola pieza Métricos cono 24°

Außengewinde metr. einteilig kon. 24°

Mâle pré-serti Métrique cone 24°



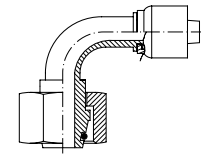
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z68203241608	53,27
3/4"	20	S	M30x2	Z68203302012	84,55
3/4"	25	S	M36x2	Z68203362512	104,12
1"	30	S	M42x2	Z68203423016	124,15
1"1/4	38	S	M52x2	Z68203523820	205,36

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

Hembras giratorias 90° una sola pieza Métricas cono 24° con junta tórica

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

Coude 90° femelle pré-sertie Métrique 24° avec o'ring



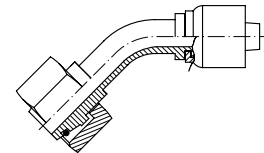
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z68205241608	64,38
3/4"	20	S	M30x2	Z68205302012	101,40
3/4"	25	S	M36x2	Z68205362512	133,24
1"	30	S	M42x2	Z68205423016	168,95
1"1/4	38	S	M52x2	Z68205523820	232,63

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

Hembras giratorias 45° una sola pieza Métricas cono 24° con junta tórica

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

Coude 45° femelle pré-sertie Métrique 24° avec o'ring



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
1/2"	16	S	M24x1.5	Z68206241608	64,38
3/4"	20	S	M30x2	Z68206302012	101,40
3/4"	25	S	M36x2	Z68206362512	133,24
1"	30	S	M42x2	Z68206423016	168,95
1"1/4	38	S	M52x2	Z68206523820	232,63

One piece fittings BW Series R12/4SP/4SH

Conexiones una sola pieza Serie BW R12/4SP/4SH

Einteilige Armaturen Serie BW R12/4SP/4SH

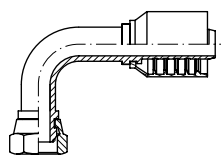
Embouts pré-sertis R12/4SP/4SH Série BW

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

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

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

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



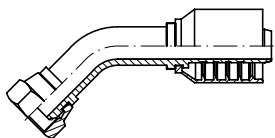
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" BSP	Z681170808	77,12
5/8"	5/8" BSP	Z681171010	105,77
3/4"	3/4" BSP	Z681171212	94,23
1"	1" BSP	Z681171616	130,39
1"1/4	1"1/4 BSP	Z681172020	200,20
1"1/2	1"1/2 BSP	Z681172424	302,36
2"	2" BSP	Z681173232	510,77

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

Hembras giratorias 45° una sola pieza BSP 60° C/I

Dichtkopf mit BSP Ü-Mutter 60° einteilig 45° mit O-Ring

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



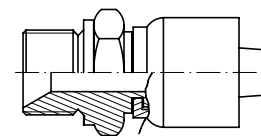
DN	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" BSP	Z681180808	77,12
5/8"	5/8" BSP	Z681181010	105,77
3/4"	3/4" BSP	Z681181212	94,23
1"	1" BSP	Z681181616	130,39
1"1/4	1"1/4 BSP	Z681182020	200,20
1"1/2	1"1/2 BSP	Z681182424	302,36
2"	2" BSP	Z681183232	510,77

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	THREAD ROSCA	Part n° Referencia	€
1/2"	1/2" BSP	Z681120808	52,65
5/8"	5/8" BSP	Z681121010	65,63
3/4"	3/4" BSP	Z681121212	76,37
1"	1" BSP	Z681121616	101,06
1"1/4	1"1/4 BSP	Z681122020	167,25
1"1/2	1"1/2 BSP	Z681122424	237,30
2"	2" BSP	Z681123232	419,31

Ferrules for one piece fittings

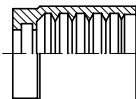
Casquillos para conexiones una sola pieza
Pressfassungen für einteilige Armaturen
Jupes pour embouts pré-sertis

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

Casquillos R1AT/R2AT/1SN/2SN/R16/2SC una sola pieza serie 43

Pressfassungen R1AT/R2AT/1SN/2SN/R16/2SC für einteilige Armaturen Serie 43

Jupes R1AT/R2AT/1SN/2SN/R16/2SC pour embouts pré-sertis série 43



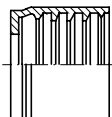
DN	Part n° Referencia	€
1/4"	ZPFC221200400	9,90
5/16"	ZPFC221200500	13,10
3/8"	ZPFC221200600	12,87
1/2"	ZPFC221200800	13,55
5/8"	ZPFC221201000	16,24
3/4"	ZPFC221201200	23,44
1"	ZPFC221201600	39,43
1"1/4	ZPFC221202000	64,19
1"1/2	ZPFC221202400	75,99
2"	ZPFC221203200	110,05

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



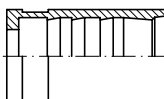
DN	Part n° Referencia	€
3/8"	ZPF222400600	10,42
1/2"	ZPF222400800	12,21
5/8"	ZPF222401000	17,88
3/4"	ZPF222401200	21,60
1"	ZPF222401600	33,68
1" 1/4	ZPF222402000	56,45

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 pré-sertis



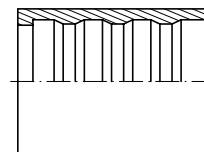
DN	Part n° Referencia	€
3/16"	880120300	7,78
1/4"	880120400	7,65
5/16"	880120500	8,82
3/8"	880120600	9,03
1/2"	880120800	10,06
3/4"	880121200	16,72
1"	880121600	26,90

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 pré-sertis



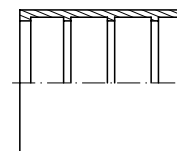
DN	Part n° Referencia	€
1/4"	880400400	6,55
5/16"	880400500	8,26
3/8"	880400600	7,76
1/2"	880400800	8,67
5/8"	880401000	16,36
3/4"	880401200	13,72
1"	880401600	23,50

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 pré-sertis



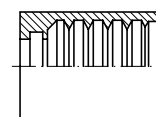
DN	Part n° Referencia	€
1/4"	880410400	7,74
5/16"	880410500	7,00
3/8"	880410600	7,97
1/2"	880410800	10,52
5/8"	880411000	14,25
3/4"	880411200	16,74
1"	880411600	26,42

Ferrules 1SC/1SN/2SC/R6

Casquillos 1SC/1SN/2SC/R6

Pressfassungen 1SC/1SN/2SC/R6

Jupes 1SC/1SN/2SC/R6



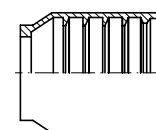
DN	Part n° Referencia	€
1/4"	ZSCC21120400	9,47
5/16"	ZSCC21120500	9,37
3/8"	ZSCC21120600	10,92
1/2"	ZSCC21120800	12,19
5/8"	ZSCC21121000	15,79
3/4"	ZSCC21121200	22,72
1"	ZSCC21121600	31,04

Ferrules R12/4SP/4SH for fittings BW series

Casquillos R12/4SP/4SH para serie BW

Pressfassungen R12/4SP/4SH für Armaturen Serie BW

Jupes R12/4SP/4SH pour embouts série BW



DN	Part n° Referencia	€
1/2"	ZAC680100800	25,11
5/8"	ZAC680101000	27,57
3/4"	ZAC680101200	35,19
1"	ZAC680101600	45,23
1"1/4	ZAC680102000	69,97
1"1/2	ZAC680102400	101,98
2"	ZAC680103200	152,68

Reusable series

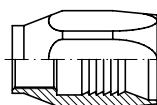
Conexiones Reusables
Schraubarmaturen
Embouts série récupérable

Reusable ferrules R1T non skive

Casquillos reusables para manguera R1T no pelar

Schraubfassung für R1T ohne Schälén

Jupes récupérables R1T sans dénudage



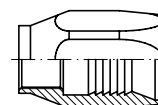
DN	Part n° Referencia	€
1/4"	Z1G-4 R1T INOX	28,34
5/16"	Z1G-5 R1T INOX	32,79
3/8"	Z1G-6 R1T INOX	24,94
1/2"	Z1G-8 R1T INOX	32,83
3/4"	Z1G-12 R1T INOX	38,99
1"	Z1G-16 R1T INOX	70,50

Reusable ferrules R2AT non skive

Casquillos reusables para manguera R2AT no pelar

Schraubfassung für R2AT ohne Schälén

Jupes récupérables R2AT sans dénudage



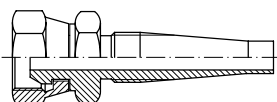
DN	Part n° Referencia	€
1/4"	Z1G-4 R2T INOX	29,13
3/8"	Z1G-6 R2T INOX	23,98
1/2"	Z1G-8 R2T INOX	29,15
5/8"	Z1G-10 R2T INOX	49,02
3/4"	Z1G-12 R2T INOX	52,73
1"	Z1G-16 R2T INOX	76,14

Reusable BSP Swivel female 60° cone

Hembras giratorias rectas reusables rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter

Femelle récupérable gaz cylindrique 60°



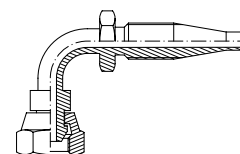
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z3G-4	33,10
5/16"	3/8" BSP	Z3G-6-5	36,81
3/8"	3/8" BSP	Z3G-6	35,54
3/8"	1/2" BSP	Z3G-8-6	42,95
1/2"	1/2" BSP	Z3G-8	41,26
3/4"	3/4" BSP	Z3G-12	62,76
1"	1" BSP	Z3G-16	107,32
1"1/4"	1"1/4 BSP	Z3G-20	209,10
1"1/2"	1"1/2 BSP	Z3G-24	252,99

Reusable BSP 60° cone (90° Elbow)

Hembras giratorias 90° reusables rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter 90° Bogen

Coude 90° femelle récupérable gaz cylindrique BSP 60°



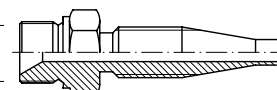
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z90G-4	58,91
3/8"	3/8" BSP	Z90G-6	62,42
3/8"	1/2" BSP	Z90G-8-6	92,50
1/2"	1/2" BSP	Z90G-8	87,29
3/4"	3/4" BSP	Z90G-12	117,40
1"	1" BSP	Z90G-16	184,82

Reusable BSP Male parallel 60° cone

Machos reusables rosca cilíndrica BSP cono 60°

BSP Einschraubzapfen zyl. DIN 3852 Form A

Mâle récupérable gaz cylindrique BSP 60°



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z2G-4	33,10
5/16"	3/8" BSP	Z2G-6-5	35,65
3/8"	3/8" BSP	Z2G-6	35,00
3/8"	1/2" BSP	Z2G-8-6	42,58
1/2"	1/2" BSP	Z2G-8	39,50
3/4"	3/4" BSP	Z2G-12	65,10
1"	1" BSP	Z2G-16	84,98

Reusable series

Conexiones Reusables
Schraubarmaturen
Embouts série récupérable

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

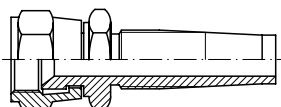
Tralle LOK

Reusable JIC 37° straight Swivel female

Hembras giratorias rectas reusables rosca JIC cono 37°

Schraubarmaturen Ü-Mutter Dichtkonus JIC 37°

Femelle droite récupérable JIC 37°



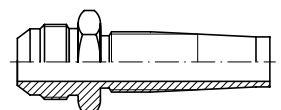
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z3J-07-04	36,41
3/8"	9/16" 18h UNF	Z3J-09-06	39,09
1/2"	3/4" 16h UNF	Z3J-12-08	45,39
1/2"	7/8" 14h UNF	Z3J-14-08	63,33
5/8"	7/8" 14h UNF	Z3J-14-10	55,07
3/4"	1"1/16 12h UNF	Z3J-17-12	70,42
1"	1"5/16 12h UNF	Z3J-21-16	118,05

Reusable JIC Male 37° cone

Machos reusables rosca JIC cono 37°

Schraubarmaturen Außengewindenippel Dichtkonus JIC 37°

Mâle récupérables JIC cône 37°



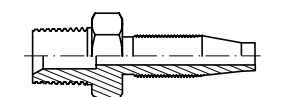
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z2J-07-04	38,07
3/8"	9/16" 18h UNF	Z2J-09-06	40,25
1/2"	3/4" 16h UNF	Z2J-12-08	47,08
1/2"	7/8" 14h UNF	Z2J-14-08	69,15
5/8"	7/8" 14h UNF	Z2J-14-10	68,56
3/4"	1"1/16 12h UNF	Z2J-17-12	74,87
1"	1" 5/16 12h UNF	Z2J-21-16	124,54

Reusable NPT Male

Machos reusables rosca NPT

Wiederverwendbare Außengewinde NPT

Mâle récupérables NPT



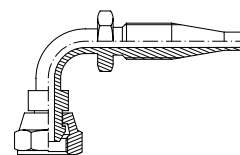
DN	THREAD ROSCA	Part n° Referencia	€
1/4	1/4" NPT	Z2NPT-04-04	31,45
3/8	3/8" NPT	Z2NPT-06-06	33,25
1/2	1/2" NPT	Z2NPT-08-08	37,53
5/8	5/8" NPT	Z2NPT-10-10	45,60
3/4	3/4" NPT	Z2NPT-12-12	61,85
1"	1" NPT	Z2NPT-16-16	80,73

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 pivotante 90° filetage réutilisable cône JIC 37°



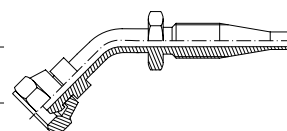
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z3J90-07-04	*
3/8"	9/16" 18h UNF	Z3J90-09-06	*
1/2"	3/4" 16h UNF	Z3J90-12-08	*
1/2"	7/8" 14h UNF	Z3J90-14-08	*
5/8"	7/8" 14h UNF	Z3J90-14-10	*
3/4"	1"1/16 12h UN	Z3J90-17-12	*
1"	1"5/16 12h UN	Z3J90-21-16	*

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 pivotante 45° filetage réutilisable cône JIC 37°



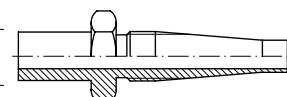
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z3J45-07-04	*
3/8"	9/16" 18h UNF	Z3J45-09-06	*
1/8"	3/4" 16h UNF	Z3J45-12-08	*
1/2"	7/8" 14h UNF	Z3J45-14-08	*
5/8"	7/8" 14h UNF	Z3J45-14-10	*
3/4"	1"1/16 12h UN	Z3J45-17-12	*
1"	1"5/16 12h UN	Z3J45-21-16	*

Reusable Metric standpipe

Espigas lisas Métricas reusables

Metr. Einschraubstutzen glatt

Embout lisse récupérable Métrique



DN	PIPE TUBO	Part n° Referencia	€
1/4"	6	ZE-6-4	30,88
1/4"	8	ZE-8-4	29,38
3/8"	8	ZE-8-6	28,53
1/4"	10	ZE-10-4	29,38
5/16"	10	ZE-10-5	29,79
3/8"	10	ZE-10-6	42,70
5/16"	12	ZE-12-5	29,79
3/8"	12	ZE-12-6	42,70
3/8"	15	ZE-15-6	42,70
1/2"	15	ZE-15-8	41,91
1/2"	16	ZE-16-8	41,89
3/4"	22	ZE-22-12	63,50
3/4"	25	ZE-25-12	88,00
1"	25	ZE-25-16	*
1"	28	ZE-28-16	*
1"	30	ZE-30-16	*

Reusable series for R5

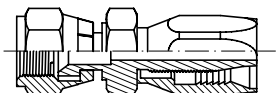
Conexiones Reusables para R5
R5 Wiederverwendbare Armaturen
Embouts série récupérable pour R5

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



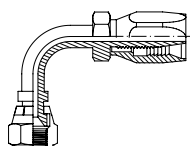
DN	THREAD ROSCA	Part n° Referencia	€
3/16"	7/16" 20 UNF	Z3J-07-04-R5	38,37
1/4"	7/16" 20h UNF	Z3J-07-05-R5	38,78
1/4"	1/2" 20h UNF	Z3J-08-05-R5	40,68
5/16"	9/16" 18h UNF	Z3J-09-06-R5	41,12
13/32"	3/4" 16h UNF	Z3J-12-08-R5	48,44
1/2"	3/4" 16h UNF	Z3J-12-10-R5	60,87
1/2"	7/8"x14 UNF	Z3J-14-10-R5	63,17
5/8"	1" 1/16" 12 UNF	Z3J-17-12-R5	76,69
7/8"	1" 5/16" 12 UNF	Z3J-21-16-R5	120,22
1" 1/8"	1" 5/8 12 UNF	Z3J-26-20-R5	280,20
1" 3/8"	1" 7/8 12 UNF	Z3J-30-24-R5	315,62
1" 13/16"	2" 1/2 12UNF	Z3J-40-32-R5	460,20

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°



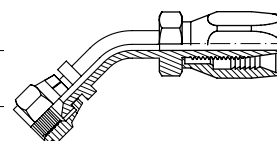
DN	THREAD ROSCA	Part n° Referencia	€
3/16"	7/16" 20 UNF	Z3J90-07-04-R5	*
1/4"	7/16" 20h UNF	Z3J90-07-05-R5	*
1/4"	1/2" 20h UNF	Z3J90-08-05-R5	*
5/16"	9/16" 18h UNF	Z3J90-09-06-R5	*
13/32"	3/4" 16h UNF	Z3J90-12-08-R5	*
1/2"	3/4" 16h UNF	Z3J90-12-10-R5	*
1/2"	7/8" 14 UNF	Z3J90-14-10-R5	*
5/8"	1" 1/16 12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

Reusable R5 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°



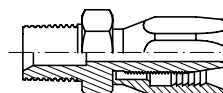
DN	THREAD ROSCA	Part n° Referencia	€
3/16"	7/16" 20 UNF	Z3J45-07-04-R5	*
1/4"	7/16" 20h UNF	Z3J45-07-05-R5	*
1/4"	1/2" 20h UNF	Z3J45-08-05-R5	*
5/16"	9/16" 18h UNF	Z3J45-09-06-R5	*
13/32"	3/4" 16h UNF	Z3J45-12-08-R5	*
1/2"	3/4" 16h UNF	Z3J45-12-10-R5	*
1/2"	7/8" 14 UNF	Z3J45-14-10-R5	*
5/8"	1" 1/16 12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

Reusable R5 NPT Male

Machos reusables R5 rosca NPT

Wiederverwendbare Außengewinde R5 NPT

Mâle récupérables R5 NPT



DN	THREAD ROSCA	Part n° Referencia	€
3/16"	1/4" NPT	Z2P-04-04-R5	36,48
1/4"	1/4" NPT	Z2P-04-05-R5	37,93
5/16"	3/8" NPT	Z2P-06-06-R5	38,57
13/32"	1/2" NPT	Z2P-08-08-R5	43,53
1/2"	1/2" NPT	Z2P-08-10-R5	52,90
5/8"	3/4" NPT	Z2P-12-12-R5	71,75
7/8"	1" NPT	Z2P-16-16-R5	93,65
1" 1/8"	1" 1/4 NPT	Z2P-20-20-R5	122,75
1" 3/8"	1" 1/2 NPT	Z2P-24-24-R5	202,12
1" 13/16"	2" NPT	Z2P-32-32-R5	331,38

CONEXIONES REUSABLES R5

REUSABLE R5 FITTINGS



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

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

Push-On Fittings

Conexiones Push-On
Aufsteck-Armaturen
Embouts Push-On

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

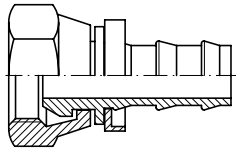
Tralle LOK

BSP Swivel female 60° cone

Hembras giratorias rectas rosca BSP cono 60°

Dichtkopf mit BSP Ü-Mutter

Femelle tournante BSP cono 60°



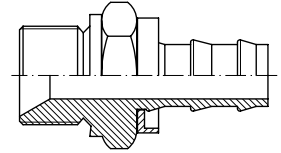
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	891000404	16,12
3/8"	3/8" BSP	891000606	16,54
1/2"	1/2" BSP	891000808	19,55
5/8"	5/8" BSP	891001010	31,17
3/4"	3/4" BSP	891001212	26,77
1"	1" BSP	891001616	42,39

BSP Male 60° cone

Machos rosca cilíndrica BSP cono 60°

Außengewinde BSP

Mâle fixe BSP cono 60°



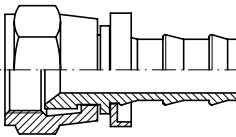
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	891120404	17,95
3/8"	3/8" BSP	891120606	16,47
1/2"	1/2" BSP	891120808	23,74
3/4"	1/2" BSP	891120812	33,77
5/8"	5/8" BSP	891121010	32,13
3/4"	3/4" BSP	891121212	44,43
1"	1" BSP	891121616	53,06

JIC 37° Swivel female

Hembras giratorias rectas JIC 37°

Dichtkonus mit Ü-Mutter JIC 37°

Femelle tournante JIC 37°



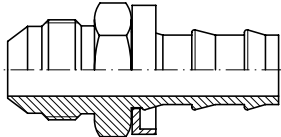
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	7/16" 20h UNF	891420704	14,23
3/8"	9/16" 18h UNF	891420906	17,59
1/2"	3/4" 16h UNF	891421208	19,38
5/8"	7/8" 14h UNF	891421410	23,55
3/4"	1" 1/16 12h UN	891421712	36,77
1"	1" 5/16 12h UN	891422116	45,54

JIC 37° Male

Machos rosca JIC cono 37°

Außengewinde JIC 37°

Mâle fixe JIC 37°



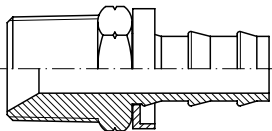
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	7/16" 20h UNF	891400704	17,45
3/8"	9/16" 18h UNF	891400906	19,67
1/2"	3/4" 16h UNF	891401208	22,95
5/8"	7/8" 14h UNF	891401410	33,87
3/4"	1" 1/16 12h UN	891401712	39,28
1"	1" 5/16 12h UN	891402116	49,60

NPT Male pipe straight

Machos rosca cónica NPT

Außengewinde NPT

Mâle gaz conique NPT (BRIGGS)



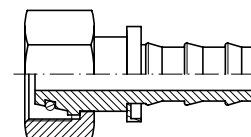
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" NPT	891610404	14,86
3/8"	3/8" NPT	891610606	20,28
1/2"	1/2" NPT	891610808	23,60
3/4"	3/4" NPT	891611212	32,42
1"	1" NPT	891611616	40,04

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°



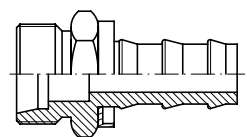
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	8	L	M14x1.5	89804140804	17,68
1/4"	10	L	M16x1.5	89804161004	17,46
3/8"	12	L	M18x1.5	89804181206	18,65
1/2"	15	L	M22x1.5	89804221508	21,73
3/4"	22	L	M30x2	89804302212	33,36

Metric stud 24° cone

Machos rosca métrica cono 24°

Gewindezapfen L/S DIN 20078 D/E

Mâle Métrique cône 24°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	8	L	M14x1.5	89203140804	18,13
1/4"	10	L	M16x1.5	89203161004	17,97
3/8"	12	L	M18x1.5	89203181206	18,87
1/2"	15	L	M22x1.5	89203221508	22,69
3/4"	22	L	M30x2	89203302212	33,73

High pressure 700 bar fittings

Conexiones Alta Presión (700 bar)

Armaturen Hochdruck (700bar)

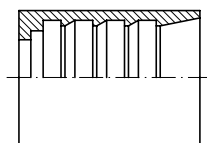
Embouts haute pression 700 bar

Ferrules for thermoplastic hose 700 bar

Casquillos para alta presión (700bar)

Pressfassungen Hochdruck (700bar)

Jupes à sertir thermoplastique 700 bar



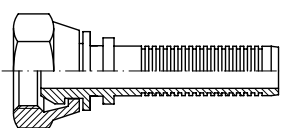
DN	Part n° Referencia	€
1/4"	Z710120400	33,56
3/8"	Z710120600	34,89
1/2"	Z710120800	36,99

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°



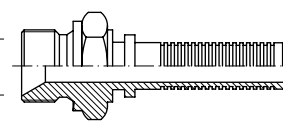
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z741000404	57,93
3/8"	3/8" BSP	Z741000606	60,95
1/2"	1/2" BSP	Z741000808	63,40

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°



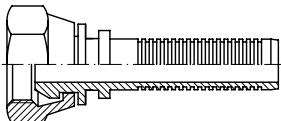
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z741120404	66,81
3/8"	3/8" BSP	Z741120606	69,00
1/2"	1/2" BSP	Z741120808	74,76

NPSM Swivel female 60° cone 700 bar

Hembra giratoria NPSM cono 60° (700bar)

Dichtkonus mit NPSM 60°

Embout 700 bar femelle tournante NPSM 60°



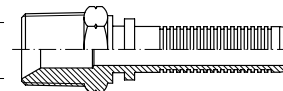
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" 18h NPSM	Z742610404	57,93
3/8"	3/8" 18h NPSM	Z742610606	64,16
1/2"	1/2" 14h NPSM	Z742610808	66,74

NPT Male pipe straight 700 bar

Macho NPT (700bar)

Außengewinde NPT (700bar)

Embout 700 bar mâle fixe gaz conique NPT



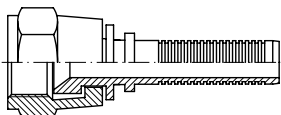
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" NPT	Z741610404	66,81
1/4"	3/8" NPT	Z741610604	72,45
3/8"	3/8" NPT	Z741610606	69,00
1/2"	1/2" NPT	Z741610808	74,76

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°



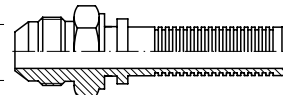
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z741420704	63,73
1/4"	9/16" 18h UNF	Z741420904	71,21
3/8"	9/16" 18h UNF	Z741420906	67,05
1/2"	3/4" 16h UNF	Z741421208	69,75

JIC 37° Male thread 700 bar

Macho JIC 37° (700bar)

Außengewinde JIC 37° (700bar)

Embout 700 bar mâle fixe JIC 37°



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z741400704	77,36
3/8"	9/16" 18h UNF	Z741400906	79,89
1/2"	3/4" 16h UNF	Z741401208	86,56

High pressure 700 bar fittings

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

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

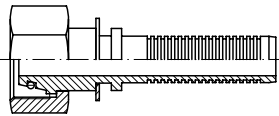
Tr/Le LOK

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 cone 24°



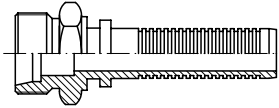
DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	8	S	M16x1.5	Z74804160804	83,37
3/8"	12	S	M20x1.5	Z74804201206	85,21
1/2"	16	S	M24x1.5	Z74804241608	86,03

Metric Male 24° cone 700 bar

Macho Métrico 24° (700bar)

Außengewinde metr. 24° (700bar)

Embout 700 bar mâle fixe Métrique cone 24°



DN	PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
1/4"	8	S	M16x1.5	Z74203160804	89,32
3/8"	12	S	M20x1.5	Z74203201206	99,85
1/2"	16	S	M24x1.5	Z74203241608	111,38

Tablas de Prensados | Crimping Charts

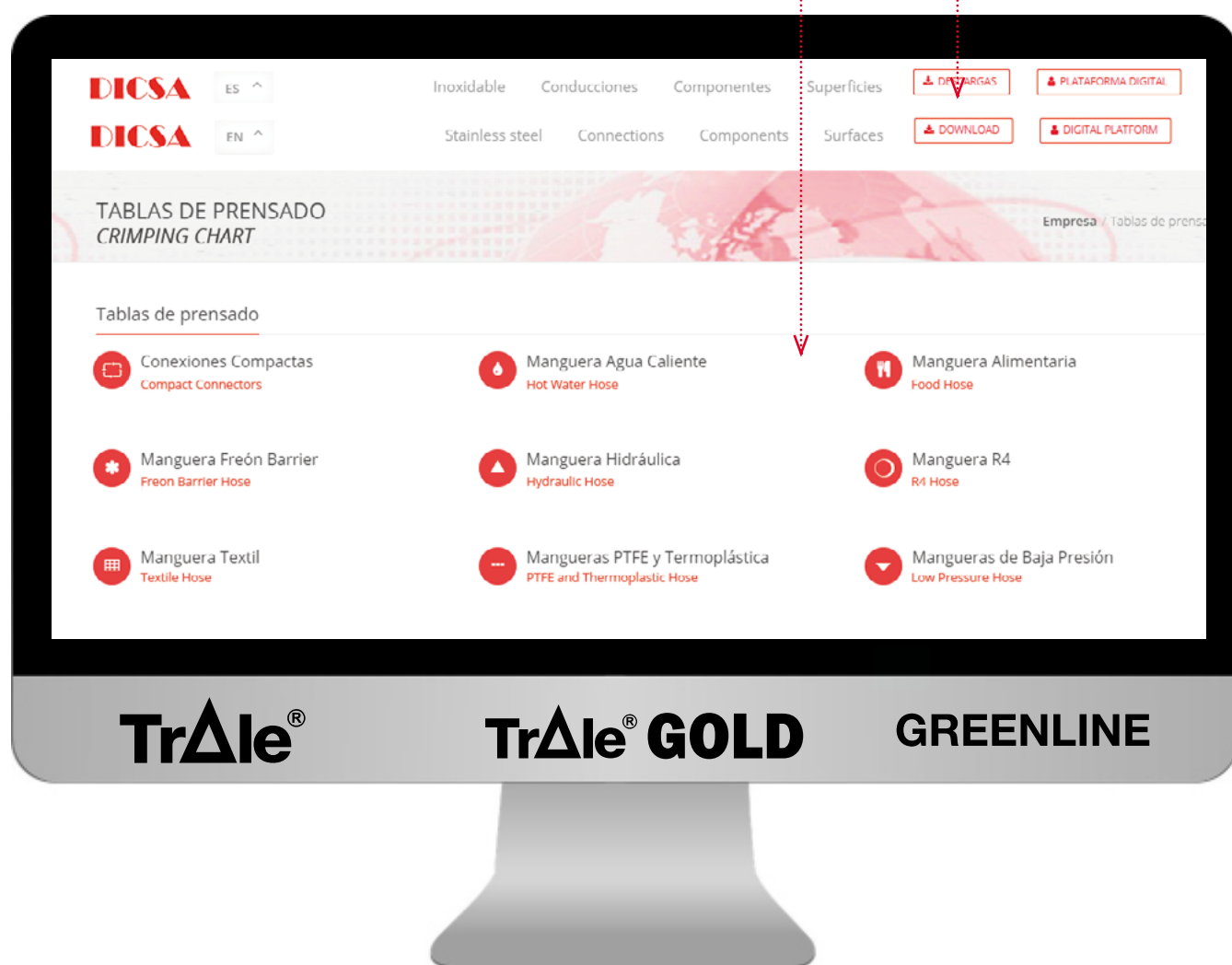
¿CÓMO SE DESCARGAN DE NUESTRA WEB? HOW TO DOWNLOAD FROM OUR WEBSITE?

1

Haz click en **Tablas de Prensado** al pasar por el menu **Descargas**
Go to **Download** and click on the **Crimping Charts**

2

Y **descarga** la que necesites haciendo click en su nombre
And **download** the one you need by clicking on its name



Datos de tablas de prensados siempre actualizados en nuestra web
Crimping Charts information always updated on our website

www.dicsaes.com

Machines & Accessories

Máquinas y Accesorios

Bearbeitungsmaschinen und Zubehör

Machines et Accessoires

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

Trile LOK

PM16-8J



100 t +20 mm 59 mm

PM18F-9J



120 t +20 mm 65 mm

PM22-9J



140 t +25 mm 110 mm

SE 28 5J / 10J



137 t +28 mm 100 mm

PE38-12J



240 t +28 mm 118 mm

PE58-14J



350 t +54 mm 180 mm

CHMT-20 (1" 1/4)



Ø 250 mm 2,2 kW

CHM4-32D (2")



Ø 250 mm 3 kW

PBC-32



2" 0,75 kW

Machines & Accessories

Máquinas y Accesorios
Bearbeitungsmaschinen und Zubehör
Machines et Accessoires

Crimping fittings for
hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

Tr/Ae LOK

S-01



6-42 mm
Útiles de
desbarbado incluidos
Deburring tools
included



R.P.M. 75 0.18 Kw Ø 6-42 mm

CMS42



Hyd.
manual
bending machine
with tool-holder
cabinet
Dobladora hidráulica
manual con
soporte

6 → 42 x 4 mm

C42



Electric bending
machine with
cabinet
Dobladora eléctrica
con mueble

6 → 42 x 4 mm 1.1 Kw

USFL/01 MAN

6 → 42 x 4 mm



DIN 2353

JIC 37°

Máquina
manual
ensamblaje con
accionamiento
hidráulico
Manual assembling
hydraulic device
machine

USFL/01

6 → 42 x 4 mm



DIN 2353

JIC 37°

Máquina
de ensamblaje
eléctrica
Electric assembling
machine

Roll-Holder

Portarrollos
Schlauchhaspel
Porte-Rouleaux



Testing bank BE 1500 / BE 2500

Banco de pruebas BE 1500 / BE 2500
Prüftisch BE 1500/ BE 2500
Banque d'essais BE 1500 / BE 2500



Pipe fittings

Conducción rígida

Verschraubungen für Rohr

Raccord tube rigide

TrΔle metric pipe

Tubo TrΔle métrico

Metrisches Rohr TrΔle

Tube rigide TrΔle métrique

91

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

92

Flare fittings JIC 37°

Racores JIC 37°

JIC - Verbindungen

Adapteurs JIC 37°

112

2

TrAle®



RACORES FABRICADOS POR
PIPE FITTINGS MANUFACTURED BY

DICSA



DIN 2353 Pipe fittings

Racores DIN 2353

Rohrverschraubungen DIN 2353

Raccords à bague DIN 2353

Assembly of the pipe fittings DIN 2353 in the rigid pipe (It is recommended to use pre-assembly tools)

Instrucciones de montaje del racor DIN 2353 sobre el tubo rígido (se recomienda el uso de herramientas de premontaje)

Die Montage der Rohrverschraubungen DIN 2353 in dem Rohr (mit Pre-Montagewerkzeuge empfohlen)

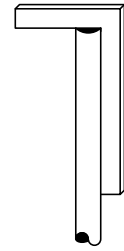
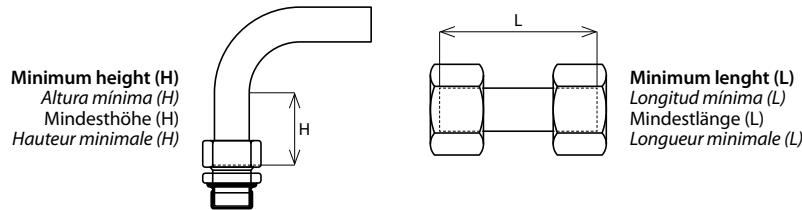
Instructions de montage du raccord DIN 2353 sur le tube rigide (Nous recommandons l'utilisation d'outils)

A. Preparation of the tube

Preparación del tubo

Vorbereitung des Rohr

Préparation du tube



Rectangular saw off the pipe and remove all burrs.

Cortar el tubo a escuadra y eliminar rebabas.

Das Rohr rechteckig schneiden und entfernen Sie alle Grate.

Couper le tube à angle droit et entever les bavures.

	Serie / Série / Baureihe / Series		
	LL	L	S
Ø outer Ø exterior Ø w Ø extérieur	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 minimum H mínimo H minimum H minimum	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 minimum L mínimo L minimum L minimum	30-32-32-33	39-39-42-42-45-48-53-53-60-60	44-44-47-47-54-54-63-68-73-82

B. Lubricate property

Lubricar adecuadamente

Richtig schmieren

Lubrifier convenablement

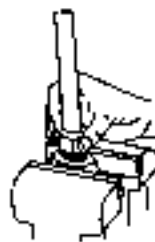


C. Assembly

Montaje

Montage

Montage

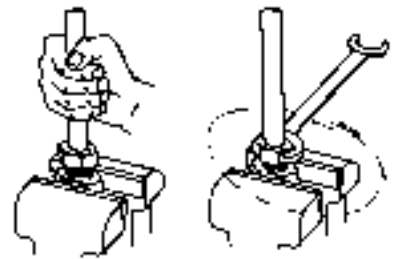


D. Blocking

Apriete

Andrücken

Blockage

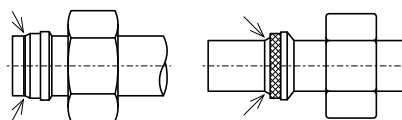


E. Control

Control

Kontrolle

Control

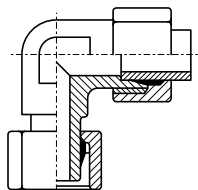


F. Final assembly

Montaje final

Endmontage

Montage final



G. Later assemblies

Montajes posteriores

Letzten Montagen

Montages postérieurs



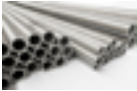
TrΔle metric pipe

Tube TrΔle métrico
Metrisches Rohr TrΔle
Tube rigide TrΔle métrique

■ Metric / Métrico / Metrisches / Métrique



ZTH0



ZTH0...-3

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

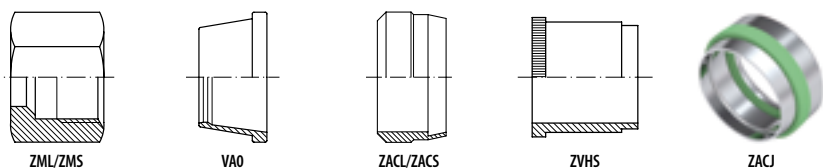
Accessories

Control components

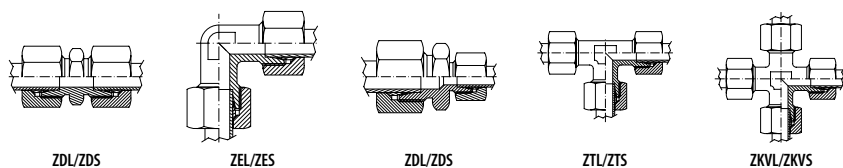
Flow measuring

Tr/Ale LOK

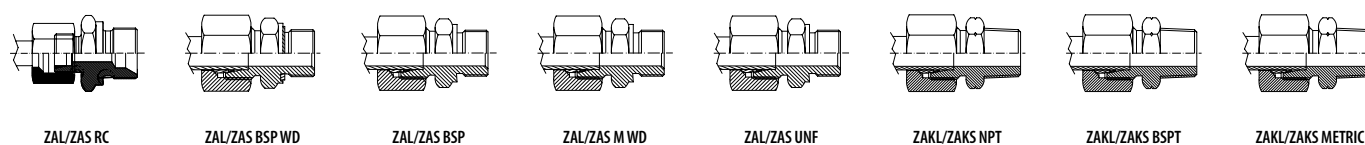
- Nuts and cutting rings / Tuercas y anillos / Muttern und Schneidringe / Écrous et bagues | 92



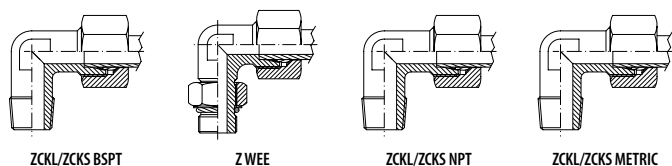
- Straight couplings / Uniones tubo-tubo / Gerade Verschraubungen (G) / Raccords union double | 94



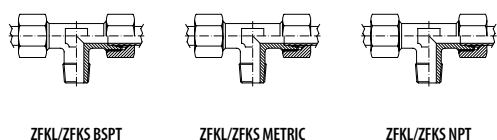
- Straight male stud couplings / Uniones rectas tubo-rosca / Gerade Einschraubversch. - EVGE / Raccords union simple mâle | 96



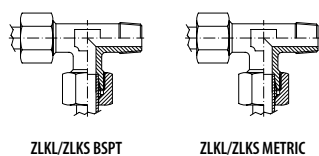
- Male stud elbows / Codos tubo-rosca / W-Einschraubverschraubungen - WE / Raccords coude mâle gaz | 99



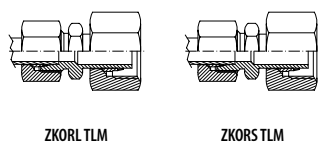
- Male stud branch / TES rosca central / T-Einschraubungen - TE / Raccords Té mâle central | 100



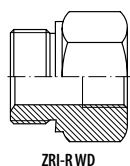
- Male stud barrel / TES rosca lateral / L-Einschraubverschraubungen - LE / Raccords Té mâle latéral | 100



- Metric unions / Uniones Métricas / Metr. Verschraubungen / Raccords union Métrique | 101



- Reductions / Reducciones roscadas / Reduzierstutzen / Raccords de réduction | 102



DIN 2353 Pipe fittings

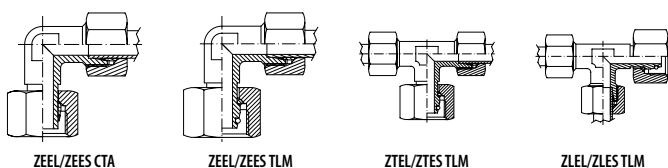
Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

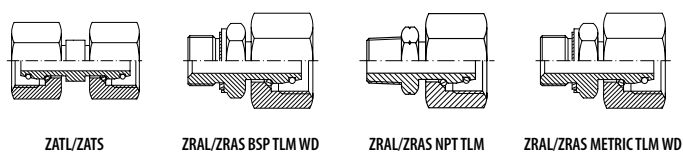
- Adjustable stud couplings / Racores regulables / Einstellbare Verschraubungen - EV / Raccords réglables

103



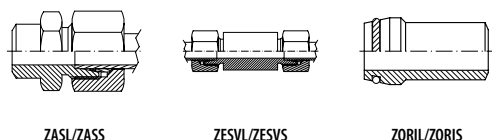
- Adjustable straight stud / Tubo roscado (hembra giratoria) / Einstellbarer gerader Einschraubstutzen - EV / Raccords tube fileté

104



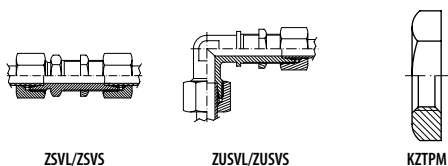
- Welding fittings / Soldables / Schweißarmaturen / Raccords à souder

105



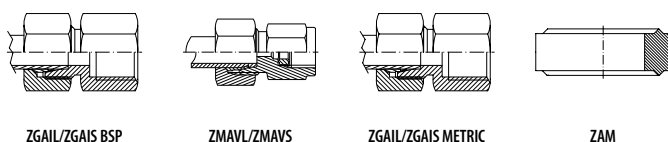
- Bulkhead / Pasatabiques / Schottverschraubungen - SV / Raccords passe cloison

106



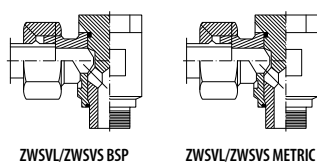
- Straight female coupling / Racor recto hembra / Gerade Aufschraub-Versch. - GAI / Raccords droits femelle

107



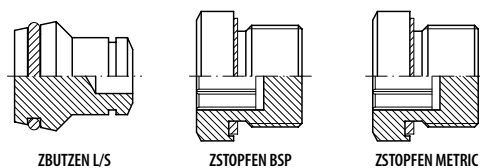
- Banjos / Orientables / Ringaugen / Raccords orientables

108



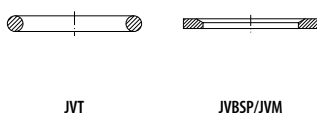
- Plugs / Tapones / Stopfen / Raccords bouchon métrique

109



- O-rings & captive seals / Juntas / Dichtringe - DOZ / Joints

109



DIN 2353 Pipe fittings

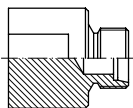
Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

- Accessories for the assembly / Accesorios para montaje / Zubehör für die Montage / Accessoires pour le montage

110



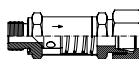
ZVOM0



Grasa

- Valves / Válvulas antirretorno / Rückschlagventil - RV / Valves clapet antiretour

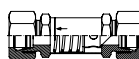
111



ZRHVL/ZRHVS



ZRHZL/ZRHZS



ZRHDL/ZRHDS

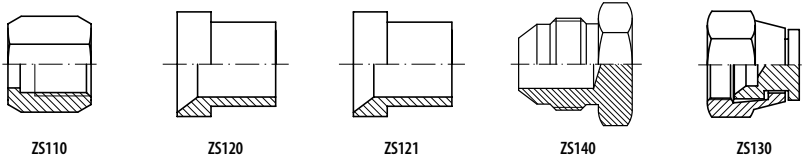
Flare fittings JIC 37°

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° | 112



ZS110

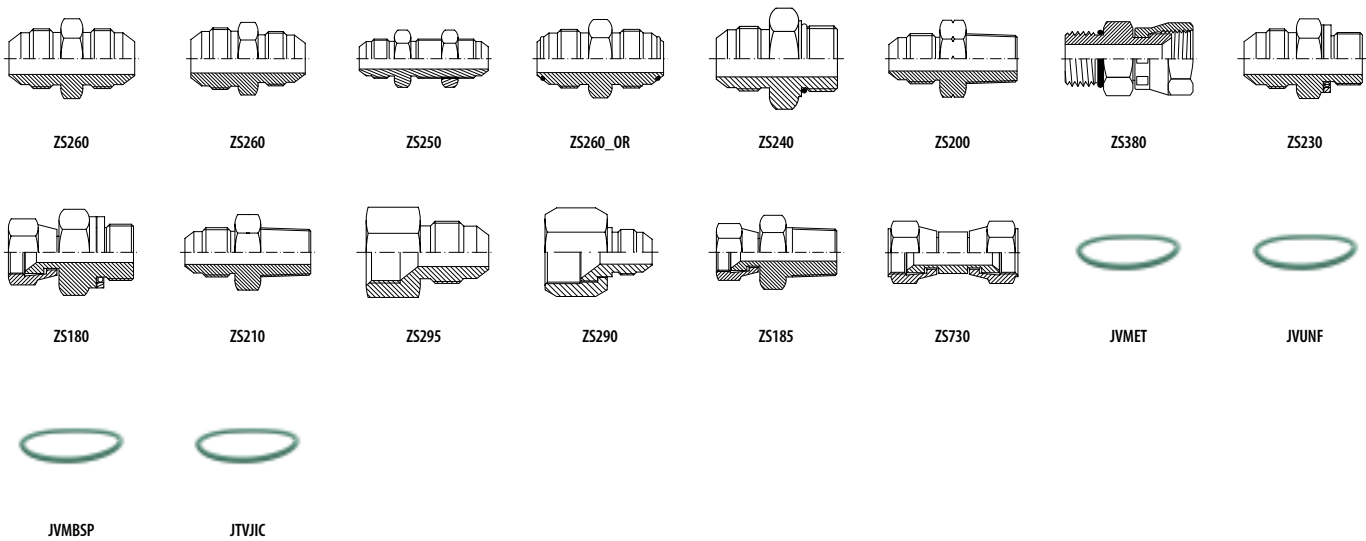
ZS120

ZS121

ZS140

ZS130

- JIC 37° Straight unions / Uniones rectas JIC 37° / gerade JIC-Verschraubungen / Union droite JIC 37° | 113



ZS260

ZS260

ZS250

ZS260_OR

ZS240

ZS200

ZS380

ZS230

ZS180

ZS210

ZS295

ZS290

ZS185

ZS730

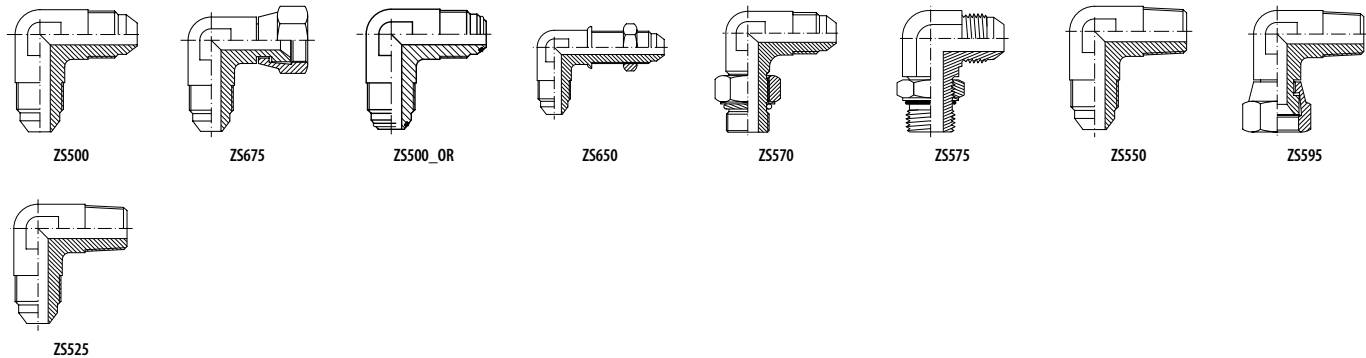
JVMET

JVUNF

JVMBSP

JTVJIC

- JIC 37° 90° Elbows / Codos 90° JIC 37° / 90° Winkel JIC 37° / Coudes 90° JIC 37° | 117



ZS500

ZS675

ZS500_OR

ZS650

ZS570

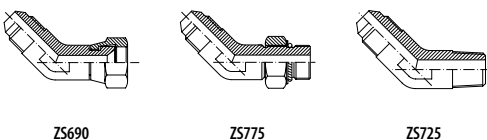
ZS575

ZS550

ZS595

ZS525

- JIC 37° 45° Elbows / Codos 45 JIC 37° / 45° Winkel JIC 37° / Coudes 45° JIC 37° | 119

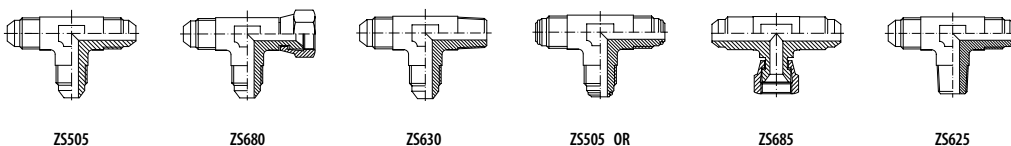


ZS690

ZS775

ZS725

- JIC 37° Tees / Tes JIC 37° / T-Verschraubungen JIC 37° / Tés JIC 37° | 120



ZS505

ZS680

ZS630

ZS505_OR

ZS685

ZS625

TrΔle metric pipe

Tubo TrΔle métrico
Metrisches Rohr TrΔle
Tube rigide TrΔle métrique

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

TrΔle LOK

Rigid pipe - 6 mts

Tubo rígido - 6 mts

Rohr - 6m

Tube rigide - 6 mts



Ø OUTER Ø EXT.	Ø INNER Ø INT.	WP (bar) PRESIÓN TRABAJO (bar)	KG/M	Thickness (mm) Espesor (mm)	Part n° Referencia	€
4	2	735	0,075	1	ZTH0040100	4,32
6	4	490	0,125	1	ZTH0060100	6,55
8	6	368	0,175	1	ZTH0080100	7,07
10	7	441	0,318	1,5	ZTH0100150	12,38
12	10	245	0,275	1	ZTH0120100	10,93
12	9	368	0,393	1,5	ZTH0120150	14,28
14	10	420	0,600	2	ZTH0140200	21,42
15	12	294	0,506	1,5	ZTH0150150	18,36
16	12	368	0,700	2	ZTH0160200	25,04
18	15	245	0,618	1,5	ZTH0180150	21,86
18	14	327	0,800	2	ZTH0180200	28,70
20	14	441	1,275	3	ZTH0200300	43,14
22	18	267	1,000	2	ZTH0220200	36,07
25	19	353	1,650	3	ZTH0250300	55,33
28	24	210	1,302	2	ZTH0280200	43,93
30	24	294	2,028	3	ZTH0300300	66,62
35	31	168	1,653	2	ZTH0350200	53,23
38	30	309	3,355	4	ZTH0380400	106,31
42	36	210	2,930	3	ZTH0420300	89,03

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

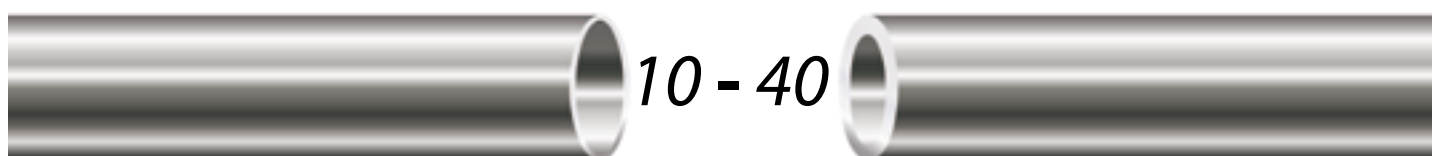
Tube rigide - 3 mts



Ø OUTER Ø EXT.	Ø INNER Ø INT.	WP (bar) PRESIÓN TRABAJO (bar)	KG/M	Thickness (mm) Espesor (mm)	Part n° Referencia	€
4	2	735	0,075	1	ZTH0040100-3	4,63
6	4	490	0,125	1	ZTH0060100-3	6,95
8	6	368	0,175	1	ZTH0080100-3	7,51
10	7	441	0,318	1,5	ZTH0100150-3	13,13
12	10	245	0,275	1	ZTH0120100-3	12,30
12	9	368	0,393	1,5	ZTH0120150-3	15,15
14	10	420	0,600	2	ZTH0140200-3	22,72
15	12	294	0,506	1,5	ZTH0150150-3	19,47
16	12	368	0,700	2	ZTH0160200-3	26,56
18	15	245	0,618	1,5	ZTH0180150-3	23,19
18	14	327	0,800	2	ZTH0180200-3	30,45
20	14	441	1,275	3	ZTH0200300-3	45,77
22	18	267	1,000	2	ZTH0220200-3	38,27
25	19	353	1,650	3	ZTH0250300-3	58,69
28	24	210	1,302	2	ZTH0280200-3	46,60
30	24	294	2,028	3	ZTH0300300-3	70,67
35	31	168	1,653	2	ZTH0350200-3	56,47
38	30	309	3,355	4	ZTH0380400-3	112,78
42	36	210	2,930	3	ZTH0420300-3	94,44

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

TUBO SCHEDULE PIPE



PÁGINA | PAGE
128

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

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

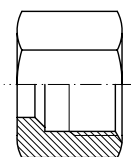
Raccords à bague DIN 2353

Nuts DIN 3870

Tuercas Métricas DIN 3870

Muttern DIN 3870 (M)

Écrou DIN 3870



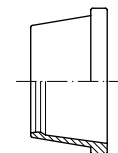
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
4	LL	M8X1	Z MLL 4	2,71
6	LL	M10X1	Z MLL 6	2,71
8	LL	M12X1	Z MLL 8	3,16
6	L	M12X1.5	Z ML 6	2,05
8	L	M14X1.5	Z ML 8	2,54
10	L	M16X1.5	Z ML 10	2,92
12	L	M18X1.5	Z ML 12	3,51
15	L	M22X1.5	Z ML 15	5,08
18	L	M26X1.5	Z ML 18	7,89
22	L	M30X2	Z ML 22	10,25
28	L	M36X2	Z ML 28	21,09
35	L	M45X2	Z ML 35	32,99
42	L	M52X2	Z ML 42	37,71
6	S	M14X1.5	Z MS 6	2,76
8	S	M16X1.5	Z MS 8	3,11
10	S	M18X1.5	Z MS 10	3,89
12	S	M20X1.5	Z MS 12	4,32
14	S	M22X1.5	Z MS 14	7,03
16	S	M24X1.5	Z MS 16	7,81
20	S	M30X2	Z MS 20	11,90
25	S	M36X2	Z MS 25	28,10
30	S	M42X2	Z MS 30	34,10
38	S	M52X2	Z MS 38	53,50

FKM ring for leaking prevent

Anillo FKM anti-fuga

Dichtring DOZ FKM

Joint FKM anti-fuite



PIPE TUBO	SERIE	Part n° Referencia	€
6	L/S	VA006L	*
8	L/S	VA008L	*
10	L/S	VA010L	*
12	L/S	VA012L	*
15	L	VA015L	*
18	L	VA018L	*
22	L	VA022L	*
28	L	VA028L	*
35	L	VA035L	*
42	L	VA042L	*
14	S	VA014S	*
16	S	VA016S	*
20	S	VA020S	*
25	S	VA025S	*
30	S	VA030S	*
38	S	VA038S	*

*Until end of stock. See prices in Hydraulic and Pneumatic Connectors' Catalogue / *Hasta fin de existencias. Ver precios en Tarifa Conducciones Hidráulicas y Neumáticas / *Bis zum Ende des Lagerbestandes. Vgl. Sie die Preise in der Preisliste Hydraulische und Pneumatische Verbindungen. / *Jusqu'à la fin du stock. Voir les prix dans le Catalogue Connectique Hydraulique et Pneumatique

Cutting rings DIN 3861

Anillos de corte DIN 3861

Schneidringe DIN 3861 (D)

Bague DIN 3861



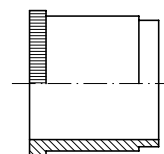
PIPE TUBO	SERIE	Part n° Referencia	€
4	LL	Z ACLL 4	1,97
6	LL	Z ACLL 6	1,89
8	LL	Z ACLL 8	2,11
6	L/S	Z ACL 6	1,97
8	L/S	Z ACL 8	2,03
10	L/S	Z ACL 10	2,60
12	L/S	Z ACL 12	2,70
15	L	Z ACL 15	2,97
18	L	Z ACL 18	3,24
22	L	Z ACL 22	4,33
28	L	Z ACL 28	6,49
35	L	Z ACL 35	9,92
42	L	Z ACL 42	11,59
14	S	Z ACS 14	3,39
16	S	Z ACS 16	3,68
20	S	Z ACS 20	4,33
25	S	Z ACS 25	6,49
30	S	Z ACS 30	9,73
38	S	Z ACS 38	10,48

Reinforced ring

Anillo de refuerzo

Verstärkungsring

Bague de renforcement



PIPE TUBO	Part n° Referencia	€
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	*

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Cutting ring with joint

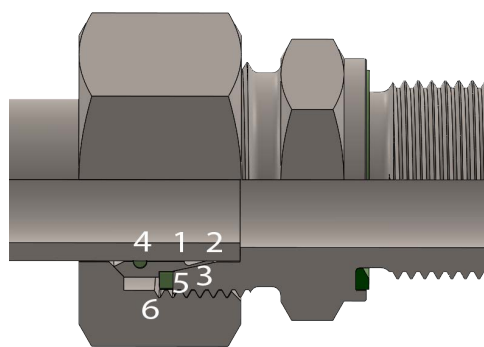
Anillos de corte con junta

Schneidring mit Dichtung

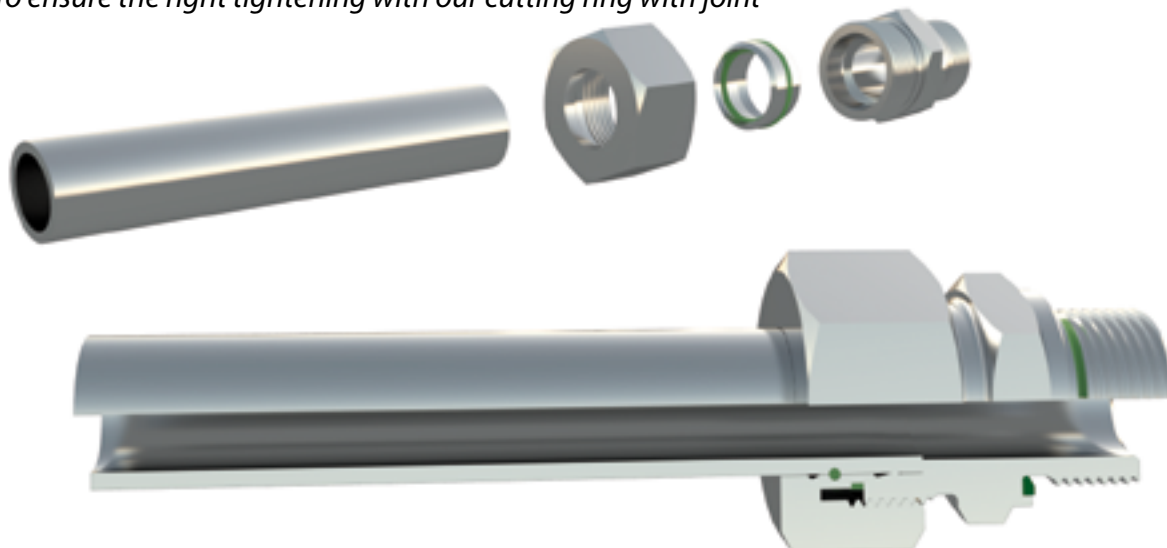
Bague avec joint



PIPE TUBO	SERIE	Part nº Referencia	€
6	L	Z ACJL 6	3,65
8	L	Z ACJL 8	3,73
10	L	Z ACJL 10	4,21
12	L	Z ACJL 12	4,75
15	L	Z ACJL 15	5,96
18	L	Z ACJL 18	7,46
22	L	Z ACJL 22	8,51
28	L	Z ACJL 28	12,20
35	L	Z ACJL 35	18,06
42	L	Z ACJL 42	22,59
6	S	Z ACJS 6	3,72
8	S	Z ACJS 8	3,76
10	S	Z ACJS 10	4,23
12	S	Z ACJS 12	4,82
14	S	Z ACJS 14	5,86
16	S	Z ACJS 16	6,75
20	S	Z ACJS 20	8,92
25	S	Z ACJS 25	11,98
30	S	Z ACJS 30	15,71
38	S	Z ACJS 38	22,67



- Asegura una completa estanqueidad con el anillo de corte con junta
- To ensure the right tightening with our cutting ring with joint



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

DIN 2353 Pipe fittings

Racores DIN 2353

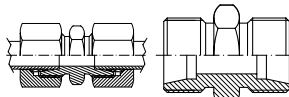
Verschraubungen Din 2353

Raccords à bague DIN 2353

Straight coupling

Racor unión recta tubo - tubo

Gerade Verschraubungen (G)



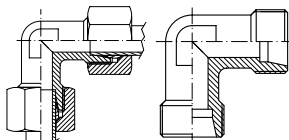
Raccord union double

PIPE TUBO	SERIE	Part nº Referencia	€	Part nº STA Referencia STA	€
4	LL	Z DLL 4	24,13		*
6	LL	Z DLL 6	21,15		*
8	LL	Z DLL 8	20,42		*
6	L	Z DL 6	13,62	Z STA DL 6	5,94
8	L	Z DL 8	13,64	Z STA DL 8	7,56
10	L	Z DL 10	16,23	Z STA DL 10	8,72
12	L	Z DL 12	18,17	Z STA DL 12	8,88
15	L	Z DL 15	25,83	Z STA DL 15	12,55
18	L	Z DL 18	31,42	Z STA DL 18	14,18
22	L	Z DL 22	40,02	Z STA DL 22	20,14
28	L	Z DL 28	73,39	Z STA DL 28	36,79
35	L	Z DL 35	101,68	Z STA DL 35	49,26
42	L	Z DL 42	150,16	Z STA DL 42	73,36
6	S	Z DS 6	18,18	Z STA DS 6	9,79
8	S	Z DS 8	19,74	Z STA DS 8	8,96
10	S	Z DS 10	23,76	Z STA DS 10	12,94
12	S	Z DS 12	25,30	Z STA DS 12	15,89
14	S	Z DS 14	33,18	Z STA DS 14	18,75
16	S	Z DS 16	30,96	Z STA DS 16	15,24
20	S	Z DS 20	53,26	Z STA DS 20	25,02
25	S	Z DS 25	84,22	Z STA DS 25	40,12
30	S	Z DS 30	113,36	Z STA DS 30	51,59
38	S	Z DS 38	163,93	Z STA DS 38	73,47

Equal elbow coupling

Racor unión en codo tubo - tubo

Winkel-Verschraubungen (W)



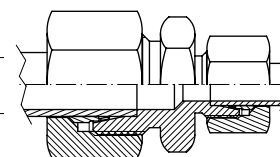
Raccord coude égal

PIPE TUBO	SERIE	Part nº Referencia	€	Part nº STA Referencia STA	€
4	LL	Z ELL 4	35,96		*
6	LL	Z ELL 6	31,95		*
8	LL	Z ELL 8	34,64		*
6	L	Z EL 6	23,29	Z STA EL 6	16,57
8	L	Z EL 8	21,50	Z STA EL 8	17,46
10	L	Z EL 10	24,48	Z STA EL 10	19,43
12	L	Z EL 12	29,83	Z STA EL 12	22,10
15	L	Z EL 15	41,46	Z STA EL 15	27,83
18	L	Z EL 18	56,80	Z STA EL 18	40,12
22	L	Z EL 22	83,14	Z STA EL 22	59,57
28	L	Z EL 28	125,77	Z STA EL 28	83,93
35	L	Z EL 35	194,58	Z STA EL 35	137,85
42	L	Z EL 42	265,44	Z STA EL 42	207,01
6	S	Z ES 6	23,67	Z STA ES 6	19,77
8	S	Z ES 8	27,70	Z STA ES 8	20,97
10	S	Z ES 10	31,69	Z STA ES 10	21,88
12	S	Z ES 12	39,82	Z STA ES 12	29,32
14	S	Z ES 14	49,33	Z STA ES 14	36,09
16	S	Z ES 16	55,79	Z STA ES 16	38,28
20	S	Z ES 20	84,35	Z STA ES 20	59,11
25	S	Z ES 25	131,98	Z STA ES 25	85,62
30	S	Z ES 30	186,69	Z STA ES 30	129,25
38	S	Z ES 38	275,78	Z STA ES 38	186,86

Straight reducing coupling

Racor unión recta en reducción tubo - tubo

Gerade Reduzierschraubungen (GR)



Raccord union double en réduction

PIPE TUBO	SERIE	Part nº Referencia	€	Part nº STA Referencia STA	€
8	6	L Z DL 8-6	19,31	Z STA DL 8-6	10,26
10	6	L Z DL 10-6	20,36	Z STA DL 10-6	10,37
10	8	L Z DL 10-8	19,47	Z STA DL 10-8	9,05
12	6	L Z DL 12-6	21,93	Z STA DL 12-6	11,25
12	8	L Z DL 12-8	23,66	Z STA DL 12-8	12,36
12	10	L Z DL 12-10	22,06	Z STA DL 12-10	9,87
15	6	L Z DL 15-6	33,65	Z STA DL 15-6	21,13
15	8	L Z DL 15-8	37,12	Z STA DL 15-8	24,04
15	10	L Z DL 15-10	28,90	Z STA DL 15-10	14,87
15	12	L Z DL 15-12	27,69	Z STA DL 15-12	13,72
18	8	L Z DL 18-8	34,75	Z STA DL 18-8	19,10
18	10	L Z DL 18-10	37,00	Z STA DL 18-10	19,90
18	12	L Z DL 18-12	37,56	Z STA DL 18-12	19,77
18	15	L Z DL 18-15	39,27	Z STA DL 18-15	22,56
22	12	L Z DL 22-12	49,94	Z STA DL 22-12	28,69
22	15	L Z DL 22-15	48,43	Z STA DL 22-15	25,34
22	18	L Z DL 22-18	52,30	Z STA DL 22-18	26,18
28	22	L Z DL 28-22	89,44	Z STA DL 28-22	42,56
35	22	L Z DL 35-22	93,43	Z STA DL 35-22	39,03
35	28	L Z DL 35-28	124,47	Z STA DL 35-28	53,52
42	28	L Z DL 42-28	158,37	Z STA DL 42-28	81,74
42	35	L Z DL 42-35	155,13	Z STA DL 42-35	67,12
8	6	S Z DS 8-6	27,24	Z STA DS 8-6	17,39
10	6	S Z DS 10-6	26,77	Z STA DS 10-6	15,53
10	8	S Z DS 10-8	29,63	Z STA DS 10-8	17,46
12	6	S Z DS 12-6	32,00	Z STA DS 12-6	20,33
12	8	S Z DS 12-8	29,66	Z STA DS 12-8	17,04
12	10	S Z DS 12-10	32,01	Z STA DS 12-10	16,29
14	10	S Z DS 14-10	37,85	Z STA DS 14-10	18,40
16	10	S Z DS 16-10	42,43	Z STA DS 16-10	23,99
16	12	S Z DS 16-12	40,00	Z STA DS 16-12	18,97
16	14	S Z DS 16-14	46,57	Z STA DS 16-14	21,64
20	12	S Z DS 20-12	58,02	Z STA DS 20-12	38,37
20	14	S Z DS 20-14	64,63	Z STA DS 20-14	38,38
20	16	S Z DS 20-16	62,96	Z STA DS 20-16	34,29
25	16	S Z DS 25-16	97,00	Z STA DS 25-16	45,96
25	20	S Z DS 25-20	102,95	Z STA DS 25-20	44,14
30	20	S Z DS 30-20	136,89	Z STA DS 30-20	68,83
30	25	S Z DS 30-25	147,48	Z STA DS 30-25	68,60
38	25	S Z DS 38-25	167,91	Z STA DS 38-25	87,81
38	30	S Z DS 38-30	178,53	Z STA DS 38-30	79,38

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

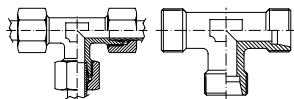
Trile LOK

Equal Tee

Racor unión en T tubo - tubo

T-Verschraubungen (T)

Raccord Té égal



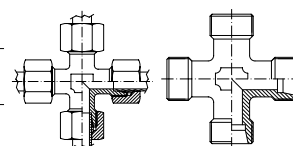
PIPE TUBO	SERIE	Part nº Referencia	€	Part Nº STA Referencia STA	€
4	LL	Z TLL 4	46,49		*
6	LL	Z TLL 6	47,02		*
8	LL	Z TLL 8	51,34		*
6	L	Z TL 6	29,85	Z STA TL 6	20,55
8	L	Z TL 8	31,29	Z STA TL 8	21,66
10	L	Z TL 10	35,41	Z STA TL 10	23,91
12	L	Z TL 12	40,04	Z STA TL 12	26,16
15	L	Z TL 15	54,26	Z STA TL 15	37,14
18	L	Z TL 18	78,19	Z STA TL 18	51,65
22	L	Z TL 22	104,60	Z STA TL 22	69,39
28	L	Z TL 28	161,86	Z STA TL 28	115,70
35	L	Z TL 35	260,83	Z STA TL 35	190,50
42	L	Z TL 42	354,30	Z STA TL 42	257,94
6	S	Z TS 6	33,08	Z STA TS 6	24,78
8	S	Z TS 8	36,45	Z STA TS 8	27,04
10	S	Z TS 10	41,82	Z STA TS 10	27,22
12	S	Z TS 12	52,83	Z STA TS 12	37,85
14	S	Z TS 14	80,81	Z STA TS 14	50,38
16	S	Z TS 16	73,67	Z STA TS 16	48,77
20	S	Z TS 20	109,44	Z STA TS 20	74,02
25	S	Z TS 25	178,84	Z STA TS 25	114,28
30	S	Z TS 30	275,57	Z STA TS 30	177,07
38	S	Z TS 38	376,79	Z STA TS 38	233,91

Equal cross

Racor unión en cruz tubo - tubo

Kreuz-Verschraubungen (K)

Raccord croix égale



PIPE TUBO	SERIE	Part nº Referencia	€	Part Nº STA Referencia STA	€
6	L	Z KVL 6	65,17	Z STA KVL 6	56,98
8	L	Z KVL 8	67,66	Z STA KVL 8	58,15
10	L	Z KVL 10	94,22	Z STA KVL 10	81,87
12	L	Z KVL 12	81,83	Z STA KVL 12	65,79
15	L	Z KVL 15	131,77	Z STA KVL 15	116,91
18	L	Z KVL 18	140,92	Z STA KVL 18	127,47
22	L	Z KVL 22	175,75	Z STA KVL 22	153,71
28	L	Z KVL 28	228,85	Z STA KVL 28	168,45
35	L	Z KVL 35	553,06	Z STA KVL 35	467,50
42	L	Z KVL 42	538,02	Z STA KVL 42	475,91
6	S	Z KVS 6	64,57	Z STA KVS 6	50,84
8	S	Z KVS 8	77,48	Z STA KVS 8	67,57
10	S	Z KVS 10	85,82	Z STA KVS 10	71,60
12	S	Z KVS 12	105,10	Z STA KVS 12	90,82
14	S	Z KVS 14	153,44	Z STA KVS 14	135,18
16	S	Z KVS 16	134,32	Z STA KVS 16	116,12
20	S	Z KVS 20	186,88	Z STA KVS 20	149,30
25	S	Z KVS 25	258,69	Z STA KVS 25	155,23
30	S	Z KVS 30	363,71	Z STA KVS 30	230,38
38	S	Z KVS 38	543,21	Z STA KVS 38	430,12

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

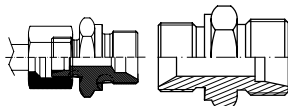
Raccords à bague DIN 2353

Straight male stud coupling BSP cyl. 60°

Racor recto rosca cilíndrica BSP cono 60°

Gerade Einschraubversch. zyl. BSP kon. 60°

Raccord Union simple mâle gaz cylindrique 60°



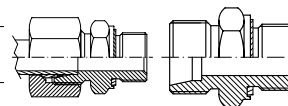
T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	1/8" BSP	Z AL 6 RC 1/8	8,91	Z STA AL 6 RC 1/8	6,00
6	L	1/4" BSP	Z AL 6 RC 1/4	13,51	Z STA AL 6 RC 1/4	11,15
6	L	3/8" BSP	Z AL 6 RC 3/8	19,18	Z STA AL 6 RC 3/8	14,93
6	L	1/2" BSP	Z AL 6 RC 1/2	36,95	Z STA AL 6 RC 1/2	17,17
8	L	1/8" BSP	Z AL 8 RC 1/8	16,92	Z STA AL 8 RC 1/8	10,18
8	L	1/4" BSP	Z AL 8 RC 1/4	13,41	Z STA AL 8 RC 1/4	8,61
8	L	3/8" BSP	Z AL 8 RC 3/8	15,08	Z STA AL 8 RC 3/8	13,02
8	L	1/2" BSP	Z AL 8 RC 1/2	23,19	Z STA AL 8 RC 1/2	18,39
10	L	1/8" BSP	Z AL 10 RC 1/8	14,23	Z STA AL 10 RC 1/8	8,81
10	L	1/4" BSP	Z AL 10 RC 1/4	12,48	Z STA AL 10 RC 1/4	7,56
10	L	3/8" BSP	Z AL 10 RC 3/8	16,52	Z STA AL 10 RC 3/8	12,91
10	L	1/2" BSP	Z AL 10 RC 1/2	19,41	Z STA AL 10 RC 1/2	16,09
12	L	1/4" BSP	Z AL 12 RC 1/4	15,10	Z STA AL 12 RC 1/4	10,55
12	L	3/8" BSP	Z AL 12 RC 3/8	14,49	Z STA AL 12 RC 3/8	11,00
12	L	1/2" BSP	Z AL 12 RC 1/2	19,01	Z STA AL 12 RC 1/2	14,07
15	L	3/8" BSP	Z AL 15 RC 3/8	20,48	Z STA AL 15 RC 3/8	14,25
15	L	1/2" BSP	Z AL 15 RC 1/2	19,46	Z STA AL 15 RC 1/2	14,06
15	L	3/4" BSP	Z AL 15 RC 3/4	30,48	Z STA AL 15 RC 3/4	23,85
18	L	1/2" BSP	Z AL 18 RC 1/2	31,51	Z STA AL 18 RC 1/2	21,79
18	L	3/4" BSP	Z AL 18 RC 3/4	33,16	Z STA AL 18 RC 3/4	24,09
22	L	3/8" BSP	Z AL 22 RC 3/8	31,27	Z STA AL 22 RC 3/8	24,39
22	L	1/2" BSP	Z AL 22 RC 1/2	35,16	Z STA AL 22 RC 1/2	23,47
22	L	3/4" BSP	Z AL 22 RC 3/4	32,85	Z STA AL 22 RC 3/4	21,78
22	L	1" BSP	Z AL 22 RC 1	44,81	Z STA AL 22 RC 1	31,20
28	L	3/4" BSP	Z AL 28 RC 3/4	49,79	Z STA AL 28 RC 3/4	30,23
28	L	1" BSP	Z AL 28 RC 1	50,78	Z STA AL 28 RC 1	31,38
35	L	1" 1/4 BSP	Z AL 35 RC 1 1/4	85,77	Z STA AL 35 RC 1 1/4	50,26
35	L	1" 1/2 BSP	Z AL 35 RC 1 1/2	107,45	Z STA AL 35 RC 1 1/2	65,38
42	L	1" 1/4 BSP	Z AL 42 RC 1 1/4	126,64	Z STA AL 42 RC 1 1/4	77,82
42	L	1" 1/2 BSP	Z AL 42 RC 1 1/2	115,16	Z STA AL 42 RC 1 1/2	66,34
6	S	1/4" BSP	Z AS 6 RC 1/4	20,32	Z STA AS 6 RC 1/4	13,06
6	S	3/8" BSP	Z AS 6 RC 3/8	19,30	Z STA AS 6 RC 3/8	14,34
8	S	1/4" BSP	Z AS 8 RC 1/4	15,10	Z STA AS 8 RC 1/4	10,39
8	S	3/8" BSP	Z AS 8 RC 3/8	18,41	Z STA AS 8 RC 3/8	18,74
8	S	1/2" BSP	Z AS 8 RC 1/2	25,89	Z STA AS 8 RC 1/2	21,70
10	S	1/4" BSP	Z AS 10 RC 1/4	16,99	Z STA AS 10 RC 1/4	10,87
10	S	3/8" BSP	Z AS 10 RC 3/8	23,19	Z STA AS 10 RC 3/8	12,22
10	S	1/2" BSP	Z AS 10 RC 1/2	29,66	Z STA AS 10 RC 1/2	18,92
12	S	1/4" BSP	Z AS 12 RC 1/4	20,08	Z STA AS 12 RC 1/4	16,06
12	S	3/8" BSP	Z AS 12 RC 3/8	18,67	Z STA AS 12 RC 3/8	14,29
12	S	1/2" BSP	Z AS 12 RC 1/2	26,63	Z STA AS 12 RC 1/2	17,78
14	S	3/8" BSP	Z AS 14 RC 3/8	29,57	Z STA AS 14 RC 3/8	19,47
14	S	1/2" BSP	Z AS 14 RC 1/2	26,80	Z STA AS 14 RC 1/2	19,00
16	S	3/8" BSP	Z AS 16 RC 3/8	29,00	Z STA AS 16 RC 3/8	23,01
16	S	1/2" BSP	Z AS 16 RC 1/2	26,11	Z STA AS 16 RC 1/2	16,71
16	S	3/4" BSP	Z AS 16 RC 3/4	35,86	Z STA AS 16 RC 3/4	24,14
20	S	3/8" BSP	Z AS 20 RC 3/8	46,58	Z STA AS 20 RC 3/8	30,35
20	S	1/2" BSP	Z AS 20 RC 1/2	38,98	Z STA AS 20 RC 1/2	24,81
20	S	3/4" BSP	Z AS 20 RC 3/4	38,27	Z STA AS 20 RC 3/4	24,12
20	S	1" BSP	Z AS 20 RC 1	56,54	Z STA AS 20 RC 1	45,35
25	S	3/4" BSP	Z AS 25 RC 3/4	61,88	Z STA AS 25 RC 3/4	38,33
25	S	1" BSP	Z AS 25 RC 1	66,82	Z STA AS 25 RC 1	41,52
25	S	1" 1/4 BSP	Z AS 25 RC 1 1/4	87,77	Z STA AS 25 RC 1 1/4	52,95
30	S	1" BSP	Z AS 30 RC 1	83,78	Z STA AS 30 RC 1	47,70
30	S	1" 1/4 BSP	Z AS 30 RC 1 1/4	100,58	Z STA AS 30 RC 1 1/4	56,52
30	S	1" 1/2 BSP	Z AS 30 RC 1 1/2	108,26	Z STA AS 30 RC 1 1/2	70,38
38	S	1" 1/4 BSP	Z AS 38 RC 1 1/4	118,24	Z STA AS 38 RC 1 1/4	72,84
38	S	1" 1/2 BSP	Z AS 38 RC 1 1/2	124,28	Z STA AS 38 RC 1 1/2	79,00

Straight male stud coupling BSP cylindrical with captive seal

Racor recto rosca cilíndrica BSP con junta

Gerade Einschraubversch. mit Flachdichtung
BSP ZYL - EVGE-R-ED

Raccord union simple mâle gaz cylindrique avec
joint plat



T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	1/8" BSP	Z AL 6 R 1/8WD	11,69	Z STA AL 6 R 1/8WD	10,19
6	L	1/4" BSP	Z AL 6 R 1/4WD	14,12	Z STA AL 6 R 1/4WD	12,23
6	L	3/8" BSP	Z AL 6 R 3/8WD	17,43	Z STA AL 6 R 3/8WD	13,18
8	L	1/8" BSP	Z AL 8 R 1/8WD	14,07	Z STA AL 8 R 1/8WD	10,89
8	L	1/4" BSP	Z AL 8 R 1/4WD	13,57	Z STA AL 8 R 1/4WD	10,20
8	L	3/8" BSP	Z AL 8 R 3/8WD	15,03	Z STA AL 8 R 3/8WD	13,82
8	L	1/2" BSP	Z AL 8 R 1/2WD	20,41	Z STA AL 8 R 1/2WD	15,61
10	L	1/2" BSP	Z AL 10 R 1/8WD	16,06	Z STA AL 10 R 1/8WD	14,58
10	L	1/4" BSP	Z AL 10 R 1/4WD	15,22	Z STA AL 10 R 1/4WD	11,18
10	L	3/8" BSP	Z AL 10 R 3/8WD	16,74	Z STA AL 10 R 3/8WD	14,70
10	L	1/2" BSP	Z AL 10 R 1/2WD	21,84	Z STA AL 10 R 1/2WD	19,57
12	L	1/4" BSP	Z AL 12 R 1/4WD	16,93	Z STA AL 12 R 1/4WD	13,36
12	L	3/8" BSP	Z AL 12 R 3/8WD	17,02	Z STA AL 12 R 3/8WD	13,18
12	L	1/2" BSP	Z AL 12 R 1/2WD	20,96	Z STA AL 12 R 1/2WD	17,59
15	L	3/8" BSP	Z AL 15 R 3/8WD	21,84	Z STA AL 15 R 3/8WD	17,19
15	L	1/2" BSP	Z AL 15 R 1/2WD	21,95	Z STA AL 15 R 1/2WD	14,80
15	L	3/4" BSP	Z AL 15 R 3/4WD	30,89	Z STA AL 15 R 3/4WD	23,99
18	L	3/8" BSP	Z AL 18 R 3/8WD	34,50	Z STA AL 18 R 3/8WD	24,79
18	L	1/2" BSP	Z AL 18 R 1/2WD	23,73	Z STA AL 18 R 1/2WD	15,91
18	L	3/4" BSP	Z AL 18 R 3/4WD	34,40	Z STA AL 18 R 3/4WD	26,45
22	L	1/2" BSP	Z AL 22 R 1/2WD	38,27	Z STA AL 22 R 1/2WD	25,71
22	L	3/4" BSP	Z AL 22 R 3/4WD	30,24	Z STA AL 22 R 3/4WD	21,24
22	L	1" BSP	Z AL 22 R 1WD	47,43	Z STA AL 22 R 1WD	38,86
28	L	3/4" BSP	Z AL 28 R 3/4WD	56,26	Z STA AL 28 R 3/4WD	37,13
28	L	1" BSP	Z AL 28 R 1WD	52,84	Z STA AL 28 R 1WD	32,86
35	L	1" BSP	Z AL 35 R 1WD	88,90	Z STA AL 35 R 1WD	53,92
35	L	1" 1/4 BSP	Z AL 35 R 1 1/4WD	90,95	Z STA AL 35 R 1 1/4WD	65,09
42	L	1" 1/2 BSP	Z AL 42 R 1 1/2WD	107,68	Z STA AL 42 R 1 1/2WD	70,75
6	S	1/4" BSP	Z AS 6 R 1/4WD	19,30	Z STA AS 6 R 1/4WD	15,93
8	S	1/4" BSP	Z AS 8 R 1/4WD	17,10	Z STA AS 8 R 1/4WD	13,96
8	S	3/8" BSP	Z AS 8 R 3/8WD	22,05	Z STA AS 8 R 3/8WD	17,40
8	S	1/2" BSP	Z AS 8 R 1/2WD	24,18	Z STA AS 8 R 1/2WD	18,81
10	S	1/4" BSP	Z AS 10 R 1/4WD	18,78	Z STA AS 10 R 1/4WD	15,07
10	S	3/8" BSP	Z AS 10 R 3/8WD	23,32	Z STA AS 10 R 3/8WD	18,58
10	S	1/2" BSP	Z AS 10 R 1/2WD	28,57	Z STA AS 10 R 1/2WD	24,33
12	S	1/4" BSP	Z AS 12 R 1/4WD	24,65	Z STA AS 12 R 1/4WD	19,06
12	S	3/8" BSP	Z AS 12 R 3/8WD	18,47	Z STA AS 12 R 3/8WD	12,91
12	S	1/2" BSP	Z AS 12 R 1/2WD	26,90	Z STA AS 12 R 1/2WD	22,70
14	S	3/8" BSP	Z AS 14 R 3/8WD	33,40	Z STA AS 14 R 3/8WD	26,61
14	S	1/2" BSP	Z AS 14 R 1/2WD	28,01	Z STA AS 14 R 1/2WD	22,15
16	S	3/8" BSP	Z AS 16 R 3/8WD	29,65	Z STA AS 16 R 3/8WD	20,00
16	S	1/2" BSP	Z AS 16 R 1/2WD	26,78	Z STA AS 16 R 1/2WD	18,37
16	S	3/4" BSP	Z AS 16 R 3/4WD	34,24	Z STA AS 16 R 3/4WD	26,56
20	S	1/2" BSP	Z AS 20 R 1/2WD	35,06	Z STA AS 20 R 1/2WD	25,93
20	S	3/4" BSP	Z AS 20 R 3/4WD	35,28	Z STA AS 20 R 3/4WD	25,59
25	S	3/4" BSP	Z AS 25 R 3/4WD	58,55	Z STA AS 25 R 3/4WD	45,59
25	S	1" BSP	Z AS 25 R 1WD	66,01	Z STA AS 25 R 1WD	51,42
25	S	1" 1/4 BSP	Z AS 25 R 1 1/4WD	105,25	Z STA AS 25 R 1 1/4WD	70,43
30	S	1" BSP	Z AS 30 R 1WD	85,91	Z STA AS 30 R 1WD	46,63
30	S	1" 1/4 BSP	Z AS 30 R 1 1/4WD	91,29	Z STA AS 30 R 1 1/4WD	64,42
30	S	1" 1/2 BSP	Z AS 30 R 1 1/2WD	148,71	Z STA AS 30 R 1 1/2WD	107,56
38	S	1" 1/4 BSP	Z AS 38 R 1 1/4WD	135,90	Z STA AS 38 R 1 1/4WD	90,63
38	S	1" 1/2 BSP	Z AS 38 R 1 1/2WD	129,34	Z STA AS 38 R 1 1/2WD	81,58

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

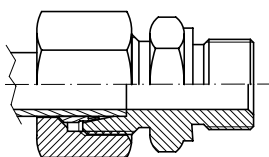
Trile LOK

Straight male stud coupling BSP cylindrical

Racor recto rosca cilíndrica BSP

Gerade Einschraubversch. BSP ZYL - EVGE-R

Raccord union simple gaz cylindrique mâle



PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
10	L	1/8" BSP	Z AL 10 R 1/8	14,23
15	L	3/4" BSP	Z AL 15 R 3/4	27,99
18	L	1/2" BSP	Z AL 18 R 1/2	24,28
6	S	1/4" BSP	Z AS 6 R 1/4	15,11
6	S	3/8" BSP	Z AS 6 R 3/8	19,30
8	S	1/4" BSP	Z AS 8 R 1/4	14,52
8	S	3/8" BSP	Z AS 8 R 3/8	18,41
8	S	1/2" BSP	Z AS 8 R 1/2	26,20
10	S	1/4" BSP	Z AS 10 R 1/4	16,34
10	S	3/8" BSP	Z AS 10 R 3/8	16,73
10	S	1/2" BSP	Z AS 10 R 1/2	28,52
12	S	1/4" BSP	Z AS 12 R 1/4	20,08
14	S	3/8" BSP	Z AS 14 R 3/8	23,93
14	S	1/2" BSP	Z AS 14 R 1/2	25,54
30	S	1" 1/2 BSP	Z AS 30 R 1 1/2	125,28
38	S	1" 1/4 BSP	Z AS 38 R 1 1/4	122,97

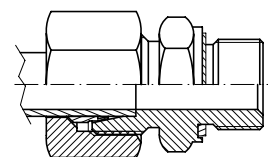
Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock.

Straight male stud coupling Metric cylindrical with captive seal

Racor recto rosca cilíndrica Métrica con junta

Gerade Einschraubversch. mit Flachdichtung metr. ZYL- EVGE-M-ED

Raccord union simple mâle cylindrique Métrique avec joint plat



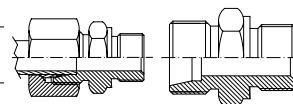
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	M10x1	Z AL 6 M 10X1 WD	11,52
8	L	M12x1.5	Z AL 8 M 12X1.5 WD	16,09
10	L	M14x1.5	Z AL 10 M 12X1.5 WD	20,35
10	L	M14x1.5	Z AL 10 M 14X1.5 WD	20,81
10	L	M16x1.5	Z AL 10 M 16X1.5 WD	21,03
12	L	M16x1.5	Z AL 12 M 16X1.5 WD	23,06
12	L	M18x1.5	Z AL 12 M 18X1.5 WD	20,81
12	L	M22x1.5	Z AL 12 M 22X1.5 WD	27,56
15	L	M18x1.5	Z AL 15 M 18X1.5 WD	30,25
18	L	M22x1.5	Z AL 18 M 22X1.5 WD	30,60
22	L	M26x1.5	Z AL 22 M 26X1.5 WD	43,07
28	L	M33x2	Z AL 28 M 33X2 WD	61,86
35	L	M42x2	Z AL 35 M 42X2 WD	103,93
42	L	M48x2	Z AL 42 M 48X2 WD	135,62
6	S	M12x1.5	Z AS 6 M 12X1.5 WD	22,01
6	S	M14x1.5	Z AS 6 M 14X1.5 WD	22,64
8	S	M14x1.5	Z AS 8 M 14X1.5 WD	25,37
10	S	M16x1.5	Z AS 10 M 16X1.5 WD	24,50
12	S	M14x1.5	Z AS 12 M 14X1.5 WD	25,98
12	S	M18x1.5	Z AS 12 M 18X1.5 WD	24,63
14	S	M20x1.5	Z AS 14 M 20X1.5 WD	34,80
16	S	M22x1.5	Z AS 16 M 22X1.5 WD	36,13
20	S	M27x2	Z AS 20 M 27X2 WD	43,19
25	S	M33x2	Z AS 25 M 33X2 WD	68,05
30	S	M42x2	Z AS 30 M 42X2 WD	98,74
38	S	M48x2	Z AS 38 M 48X2 WD	155,84

Straight male stud coupling UNF

Racor recto rosca UNF

Gerade Einschraubversch. UNF

Raccord union simple mâle UNF



T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
8	L	7/16" UNF	Z AL 8 7/16 UNF	15,82	Z STA AL 8 7/16 UNF	10,12
10	L	7/16" UNF	Z AL 10 7/16 UNF	20,94	Z STA AL 10 7/16 UNF	10,98
12	L	3/4" UNF	Z AL 12 3/4 UNF	23,95	Z STA AL 12 3/4 UNF	19,28
12	L	9/16" UNF	Z AL 12 9/16 UNF	19,96	Z STA AL 12 9/16 UNF	15,13
15	L	3/4" UNF	Z AL 15 3/4 UNF	29,21	Z STA AL 15 3/4 UNF	21,10
18	L	7/8" UNF	Z AL 18 7/8 UNF	34,77	Z STA AL 18 7/8 UNF	24,03
22	L	1" 1/16 UNF	Z AL 22 1 1/16 UNF	44,18	Z STA AL 22 1 1/16 UNF	30,45
28	L	1" 5/16 UNF	Z AL 28 1 5/16 UNF	73,22	Z STA AL 28 1 5/16 UNF	46,52
35	L	1" 5/8 UNF	Z AL 35 1 5/8 UNF	131,18	Z STA AL 35 1 5/8 UNF	72,55
8	S	7/16" UNF	Z AS 8 7/16 UNF	19,31	Z STA AS 8 7/16 UNF	13,82
10	S	9/16" UNF	Z AS 10 9/16 UNF	25,34	Z STA AS 10 9/16 UNF	16,45
12	S	9/16" UNF	Z AS 12 9/16 UNF	27,00	Z STA AS 12 9/16 UNF	20,66
16	S	3/4" UNF	Z AS 16 3/4 UNF	40,33	Z STA AS 16 3/4 UNF	25,31
20	S	7/8" UNF	Z AS 20 7/8 UNF	55,68	Z STA AS 20 7/8 UNF	35,43
25	S	1" 5/16 UNF	Z AS 25 1 5/16 UNF	92,07	Z STA AS 25 1 5/16 UNF	58,39
30	S	1" 5/16 UNF	Z AS 30 1 5/16 UNF	120,20	Z STA AS 30 1 5/16 UNF	71,17
38	S	1" 5/8 UNF	Z AS 38 1 5/8 UNF	198,92	Z STA AS 38 1 5/8 UNF	107,45

DIN 2353 Pipe fittings

Racores DIN 2353

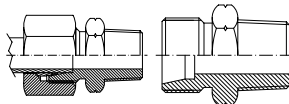
Verschraubungen Din 2353

Raccords à bague DIN 2353

Straight male stud coupling NPT

Racor recto rosca cónica NPT

Gerade Einschraubversch. NPT - EVGE-NPT



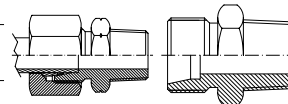
Raccord union simple mâle NPT

T.	S.	THREAD ROSCA	Part nº Referencia	€	Part Nº STA Referencia STA	€
6	L	1/8"NPT	Z AKL 6 1/8 NPT	12,26	Z STA AKL 6 1/8 NPT	9,57
6	L	1/4"NPT	Z AKL 6 1/4 NPT	18,06	Z STA AKL 6 1/4 NPT	14,48
6	L	3/8"NPT	Z AKL 6 3/8 NPT	18,80	Z STA AKL 6 3/8 NPT	15,41
8	L	1/8"NPT	Z AKL 8 1/8 NPT	13,37	Z STA AKL 8 1/8 NPT	10,34
8	L	1/4"NPT	Z AKL 8 1/4 NPT	13,45	Z STA AKL 8 1/4 NPT	10,38
8	L	3/8"NPT	Z AKL 8 3/8 NPT	18,36	Z STA AKL 8 3/8 NPT	14,10
8	L	1/2"NPT	Z AKL 8 1/2 NPT	21,46	Z STA AKL 8 1/2 NPT	16,66
10	L	1/4"NPT	Z AKL 10 1/4 NPT	13,63	Z STA AKL 10 1/4 NPT	10,68
10	L	3/8"NPT	Z AKL 10 3/8 NPT	17,77	Z STA AKL 10 3/8 NPT	11,76
10	L	1/2"NPT	Z AKL 10 1/2 NPT	23,94	Z STA AKL 10 1/2 NPT	19,70
12	L	1/4"NPT	Z AKL 12 1/4 NPT	16,22	Z STA AKL 12 1/4 NPT	13,49
12	L	3/8"NPT	Z AKL 12 3/8 NPT	18,46	Z STA AKL 12 3/8 NPT	13,81
12	L	1/2"NPT	Z AKL 12 1/2 NPT	19,99	Z STA AKL 12 1/2 NPT	15,60
15	L	3/8"NPT	Z AKL 15 3/8 NPT	25,03	Z STA AKL 15 3/8 NPT	19,35
15	L	1/2"NPT	Z AKL 15 1/2 NPT	24,07	Z STA AKL 15 1/2 NPT	19,40
18	L	1/2"NPT	Z AKL 18 1/2 NPT	29,90	Z STA AKL 18 1/2 NPT	24,41
18	L	3/4"NPT	Z AKL 18 3/4 NPT	37,12	Z STA AKL 18 3/4 NPT	28,66
22	L	3/4"NPT	Z AKL 22 3/4 NPT	40,38	Z STA AKL 22 3/4 NPT	26,04
28	L	1"NPT	Z AKL 28 1 NPT	65,52	Z STA AKL 28 1 NPT	36,45
35	L	1"1/4NPT	Z AKL 35 1 1/4 NPT	86,61	Z STA AKL 35 1 1/4 NPT	47,37
42	L	1"1/2NPT	Z AKL 42 1 1/2 NPT	129,91	Z STA AKL 42 1 1/2 NPT	81,09
6	S	1/8"NPT	Z AKS 6 1/8 NPT	18,23	Z STA AKS 6 1/8 NPT	13,27
6	S	1/4"NPT	Z AKS 6 1/4 NPT	17,43	Z STA AKS 6 1/4 NPT	12,66
6	S	3/8"NPT	Z AKS 6 3/8 NPT	22,60	Z STA AKS 6 3/8 NPT	18,42
8	S	1/4"NPT	Z AKS 8 1/4 NPT	18,11	Z STA AKS 8 1/4 NPT	13,34
8	S	3/8"NPT	Z AKS 8 3/8 NPT	23,62	Z STA AKS 8 3/8 NPT	18,25
8	S	1/2"NPT	Z AKS 8 1/2 NPT	24,18	Z STA AKS 8 1/2 NPT	17,95
10	S	1/4"NPT	Z AKS 10 1/4 NPT	21,37	Z STA AKS 10 1/4 NPT	14,65
10	S	3/8"NPT	Z AKS 10 3/8 NPT	21,03	Z STA AKS 10 3/8 NPT	14,31
10	S	1/2"NPT	Z AKS 10 1/2 NPT	24,27	Z STA AKS 10 1/2 NPT	18,68
12	S	1/4"NPT	Z AKS 12 1/4 NPT	23,06	Z STA AKS 12 1/4 NPT	15,81
12	S	3/8"NPT	Z AKS 12 3/8 NPT	25,60	Z STA AKS 12 3/8 NPT	18,36
12	S	1/2"NPT	Z AKS 12 1/2 NPT	26,04	Z STA AKS 12 1/2 NPT	18,79
14	S	1/2"NPT	Z AKS 14 1/2 NPT	32,75	Z STA AKS 14 1/2 NPT	24,66
16	S	1/2"NPT	Z AKS 16 1/2 NPT	32,32	Z STA AKS 16 1/2 NPT	25,22
16	S	3/4"NPT	Z AKS 16 3/4 NPT	36,49	Z STA AKS 16 3/4 NPT	26,32
20	S	1/2"NPT	Z AKS 20 1/2 NPT	46,11	Z STA AKS 20 1/2 NPT	29,65
20	S	3/4"NPT	Z AKS 20 3/4 NPT	59,61	Z STA AKS 20 3/4 NPT	45,66
20	S	1"NPT	Z AKS 20 1 NPT	62,16	Z STA AKS 20 1 NPT	45,77
25	S	3/4"NPT	Z AKS 25 3/4 NPT	79,86	Z STA AKS 25 3/4 NPT	49,20
25	S	1"NPT	Z AKS 25 1 NPT	71,08	Z STA AKS 25 1 NPT	45,65
30	S	1"NPT	Z AKS 30 1 NPT	121,57	Z STA AKS 30 1 NPT	77,51
30	S	1"1/4NPT	Z AKS 30 1 1/4 NPT	96,73	Z STA AKS 30 1 1/4 NPT	52,67
38	S	1"1/2NPT	Z AKS 38 1 1/2 NPT	134,97	Z STA AKS 38 1 1/2 NPT	89,69

Straight male stud coupling BSPT

Racor recto rosca cónica BSPT

Gerade Einschraubversch. BSPT kon. - EVGE-BSPT (KEG)



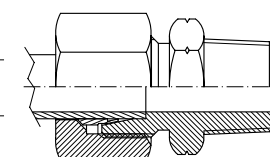
Raccord union simple mâle conique

T.	S.	THREAD ROSCA	Part nº Referencia	€	Part Nº STA Referencia 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	11,68	Z STA AKL 6 R 1/8	8,90
6	L	1/4" BSPT	Z AKL 6 R 1/4	11,96	Z STA AKL 6 R 1/4	8,39
8	L	1/8" BSPT	Z AKL 8 R 1/8	14,62	Z STA AKL 8 R 1/8	9,82
8	L	1/4" BSPT	Z AKL 8 R 1/4	12,14	Z STA AKL 8 R 1/4	9,13
8	L	3/8" BSPT	Z AKL 8 R 3/8	16,54	Z STA AKL 8 R 3/8	11,74
10	L	1/4" BSPT	Z AKL 10 R 1/4	13,29	Z STA AKL 10 R 1/4	10,22
10	L	3/8" BSPT	Z AKL 10 R 3/8	13,71	Z STA AKL 10 R 3/8	10,14
10	L	1/2" BSPT	Z AKL 10 R 1/2	20,25	Z STA AKL 10 R 1/2	14,11
12	L	1/4" BSPT	Z AKL 12 R 1/4	16,40	Z STA AKL 12 R 1/4	13,01
12	L	3/8" BSPT	Z AKL 12 R 3/8	15,62	Z STA AKL 12 R 3/8	12,88
12	L	1/2" BSPT	Z AKL 12 R 1/2	18,35	Z STA AKL 12 R 1/2	14,25
15	L	3/8" BSPT	Z AKL 15 R 3/8	24,18	Z STA AKL 15 R 3/8	16,57
15	L	1/2" BSPT	Z AKL 15 R 1/2	21,93	Z STA AKL 15 R 1/2	16,62
18	L	1/2" BSPT	Z AKL 18 R 1/2	25,88	Z STA AKL 18 R 1/2	18,55
22	L	3/4" BSPT	Z AKL 22 R 3/4	32,31	Z STA AKL 22 R 3/4	23,42
28	L	1" BSPT	Z AKL 28 R 1	61,30	Z STA AKL 28 R 1	46,52
35	L	1"1/4 BSPT	Z AKL 35 R 1 1/4	80,98	Z STA AKL 35 R 1 1/4	52,87
42	L	1"1/4 BSPT	Z AKL 42 R 1 1/4	110,64	Z STA AKL 42 R 1 1/4	61,82
6	S	1/4" BSPT	Z AKS 6 R 1/4	17,16	Z STA AKS 6 R 1/4	12,27
8	S	1/4" BSPT	Z AKS 8 R 1/4	15,93	Z STA AKS 8 R 1/4	11,42
10	S	3/8" BSPT	Z AKS 10 R 3/8	31,69	Z STA AKS 10 R 3/8	25,04
14	S	1/2" BSPT	Z AKS 14 R 1/2	43,46	Z STA AKS 14 R 1/2	32,81
16	S	1/2" BSPT	Z AKS 16 R 1/2	36,49	Z STA AKS 16 R 1/2	24,47
20	S	3/4" BSPT	Z AKS 20 R 3/4	52,00	Z STA AKS 20 R 3/4	35,54
25	S	1" BSPT	Z AKS 25 R 1	69,89	Z STA AKS 25 R 1	38,82
30	S	1"1/4 BSPT	Z AKS 30 R 1 1/4	139,98	Z STA AKS 30 R 1 1/4	95,92

Straight male stud coupling Metric tapered

Racor recto rosca cónica Métrica

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



Raccord union simple mâle Métrique conique

PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
6	LL	M10X1	Z AKLL 6 M10X1	14,85
6	L	M10X1	Z AKL 6 M 10X1	14,97
8	L	M12X1.5	Z AKL 8 M 12X1.5	19,30
10	L	M14X1.5	Z AKL 10 M 14X1.5	21,51
12	L	M16X1.5	Z AKL 12 M 16X1.5	22,60
15	L	M18X1.5	Z AKL 15 M 18X1.5	30,93
18	L	M22X1.5	Z AKL 18 M 22X1.5	40,45
22	L	M26X1.5	Z AKL 22 M 26X1.5	36,88

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

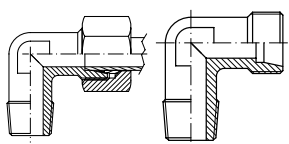
Trile LOK

Male stud elbow BSPT

Racor en codo rosca cónica BSPT

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

Raccord union coude mâle gaz conique



T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	LL	1/8" BSPT	Z CKLL 6 R 1/8	23,67	Z STA CKL 6 R 1/8	*
6	L	1/8" BSPT	Z CKL 6 R 1/8	18,55	Z STA CKL 6 R 1/8	13,95
6	L	1/4" BSPT	Z CKL 6 R 1/4	18,08	Z STA CKL 6 R 1/4	13,68
8	L	1/8" BSPT	Z CKL 8 R 1/8	21,88	Z STA CKL 8 R 1/8	19,13
8	L	1/4" BSPT	Z CKL 8 R 1/4	19,93	Z STA CKL 8 R 1/4	18,08
8	L	3/8" BSPT	Z CKL 8 R 3/8	26,72	Z STA CKL 8 R 3/8	23,28
8	L	1/2" BSPT	Z CKL 8 R 1/2	37,62	Z STA CKL 8 R 1/2	32,82
10	L	1/8" BSPT	Z CKL 10 R 1/8	31,39	Z STA CKL 10 R 1/8	30,25
10	L	1/4" BSPT	Z CKL 10 R 1/4	22,38	Z STA CKL 10 R 1/4	19,20
10	L	3/8" BSPT	Z CKL 10 R 3/8	21,93	Z STA CKL 10 R 3/8	20,68
10	L	1/2" BSPT	Z CKL 10 R 1/2	27,98	Z STA CKL 10 R 1/2	21,95
12	L	1/4" BSPT	Z CKL 12 R 1/4	26,66	Z STA CKL 12 R 1/4	21,32
12	L	3/8" BSPT	Z CKL 12 R 3/8	26,88	Z STA CKL 12 R 3/8	23,45
12	L	1/2" BSPT	Z CKL 12 R 1/2	29,81	Z STA CKL 12 R 1/2	29,18
15	L	3/8" BSPT	Z CKL 15 R 3/8	42,67	Z STA CKL 15 R 3/8	34,21
15	L	1/2" BSPT	Z CKL 15 R 1/2	38,92	Z STA CKL 15 R 1/2	26,71
18	L	1/2" BSPT	Z CKL 18 R 1/2	51,85	Z STA CKL 18 R 1/2	41,11
22	L	3/4" BSPT	Z CKL 22 R 3/4	86,27	Z STA CKL 22 R 3/4	74,21
28	L	1" BSPT	Z CKL 28 R 1	184,66	Z STA CKL 28 R 1	156,85
35	L	1 1/4" BSPT	Z CKL 35 R 1 1/4	236,57	Z STA CKL 35 R 1 1/4	193,42
42	L	1 1/2" BSPT	Z CKL 42 R 1 1/2 *	265,39		*
6	S	1/4" BSPT	Z CKS 6 R 1/4	22,58	Z STA CKS 6 R 1/4	18,20
8	S	1/4" BSPT	Z CKS 8 R 1/4	26,14	Z STA CKS 8 R 1/4	22,41
8	S	3/8" BSPT	Z CKS 8 R 3/8 *	30,93		*
8	S	1/2" BSPT	Z CKS 8 R 1/2	30,82	Z STA CKS 8 R 1/2	25,45
10	S	1/4" BSPT	Z CKS 10 R 1/4	39,23	Z STA CKS 10 R 1/4	33,75
10	S	3/8" BSPT	Z CKS 10 R 3/8	31,43	Z STA CKS 10 R 3/8	22,39
10	S	1/2" BSPT	Z CKS 10 R 1/2 *	48,93		*
12	S	3/8" BSPT	Z CKS 12 R 3/8	37,48	Z STA CKS 12 R 3/8	32,05
14	S	1/2" BSPT	Z CKS 14 R 1/2	49,85	Z STA CKS 14 R 1/2	36,60
16	S	1/2" BSPT	Z CKS 16 R 1/2	57,65	Z STA CKS 16 R 1/2	43,98
20	S	3/4" BSPT	Z CKS 20 R 3/4	87,91	Z STA CKS 20 R 3/4	122,83
25	S	1" BSPT	Z CKS 25 R 1	153,35	Z STA CKS 25 R 1	129,12
30	S	1 1/4" BSPT	Z CKS 30 R 1 1/4	265,71	Z STA CKS 30 R 1 1/4	221,65
38	S	1 1/2" BSPT	Z CKS 38 R 1 1/2	388,56	Z STA CKS 38 R 1 1/2	343,28

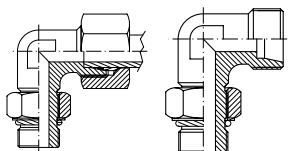
*Until end of stock. / *Hasta fin de existencias. / *Bis zum Ende des Lagerbestandes / *Jusqu'à la fin du stock.

90° Adjustable male stud elbow BSP

Racor en codo orientable BSP

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

Coude orientable mâle BSP



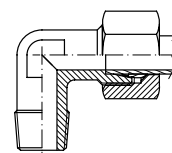
T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	1/8" BSP	Z WEE 6L R 1/8	21,76	Z STA WEE 6L R 1/8	20,20
8	L	1/4" BSP	Z WEE 8L R 1/4	31,52	Z STA WEE 8L R 1/4	29,71
10	L	1/4" BSP	Z WEE 10L R 1/4	35,07	Z STA WEE 10L R 1/4	31,99
12	L	3/8" BSP	Z WEE 12L R 3/8	45,94	Z STA WEE 12L R 3/8	43,27
15	L	1/2" BSP	Z WEE 15L R 1/2	85,51	Z STA WEE 15L R 1/2	84,04
18	L	1/2" BSP	Z WEE 18L R 1/2	87,23	Z STA WEE 18L R 1/2	87,10
22	L	3/4" BSP	Z WEE 22L R 3/4	107,70	Z STA WEE 22L R 3/4	102,04
16	S	1/2" BSP	Z WEE 16S R 1/2	81,56	Z STA WEE 16S R 1/2	75,85
20	S	3/4" BSP	Z WEE 20S R 3/4	123,14	Z STA WEE 20S R 3/4	115,75
25	S	1" BSP	Z WEE 25S R 1	190,86	Z STA WEE 25S R 1	175,70

Male stud elbow NPT

Racor en codo rosca cónica NPT

W-Einschraubverschr. NPT - WE-NPT kon

Raccord union coude mâle NPT



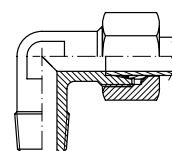
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	1/8" NPT	Z CKL 6 1/8 NPT	20,60
6	L	1/4" NPT	Z CKL 6 1/4 NPT	21,10
8	L	1/4" NPT	Z CKL 8 1/4 NPT	21,50
10	L	1/4" NPT	Z CKL 10 1/4 NPT	24,13
12	L	1/4" NPT	Z CKL 12 1/4 NPT	31,15
12	L	3/8" NPT	Z CKL 12 3/8 NPT	31,49
12	L	1/2" NPT	Z CKL 12 1/2 NPT	33,63
15	L	1/2" NPT	Z CKL 15 1/2 NPT	39,36
18	L	1/2" NPT	Z CKL 18 1/2 NPT	68,23
22	L	3/4" NPT	Z CKL 22 3/4 NPT	73,32
28	L	1" NPT	Z CKL 28 1 NPT	115,15
35	L	1 1/4" NPT	Z CKL 35 1 1/4 NPT	238,16
42	L	1 1/2" NPT	Z CKL 42 1 1/2 NPT	295,31
6	S	1/4" NPT	Z CKS 6 1/4 NPT	24,52
8	S	1/4" NPT	Z CKS 8 1/4 NPT	30,93
10	S	3/8" NPT	Z CKS 10 3/8 NPT	37,76
12	S	3/8" NPT	Z CKS 12 3/8 NPT	35,99
12	S	1/2" NPT	Z CKS 12 1/2 NPT	34,90
14	S	1/2" NPT	Z CKS 14 1/2 NPT	58,29
16	S	1/2" NPT	Z CKS 16 1/2 NPT	58,24
20	S	3/4" NPT	Z CKS 20 3/4 NPT	77,33
25	S	1" NPT	Z CKS 25 1 NPT	156,76
30	S	1 1/4" NPT	Z CKS 30 1 1/4 NPT	297,41
38	S	1 1/2" NPT	Z CKS 38 1 1/2 NPT	296,82

Male stud elbow metrical tapered

Racor en codo rosca cónica Métrica

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

Raccord équerre mâle métrique



PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	M10X1	Z CKL 6 M 10X1	24,13
8	L	M12X1.5	Z CKL 8 M 12X1.5	29,90
10	L	M14X1.5	Z CKL 10 M 14X1.5	32,20
12	L	M16X1.5	Z CKL 12 M 16X1.5	38,90
15	L	M18X1.5	Z CKL 15 M 18X1.5	52,20
18	L	M22X1.5	Z CKL 18 M 22X1.5	57,33
6	S	M12X1.5	Z CKS 6 M 12X1.5	24,15
8	S	M14X1.5	Z CKS 8 M 14X1.5	43,35
10	S	M16X1.5	Z CKS 10 M 16X1.5	44,84
12	S	M18X1.5	Z CKS 12 M 18X1.5	47,72
14	S	M20X1.5	Z CKS 14 M 20X1.5	46,99
16	S	M22X1.5	Z CKS 16 M 22X1.5	96,96

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

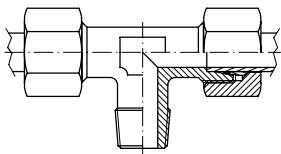
Raccords à bague DIN 2353

Male stud branch TEE BSPT tapered

Racor en T rosca cónica BSPT

T-Einschraubverschr. BSPT kon. (TR)

Raccord TÉ mâle gaz conique au centre



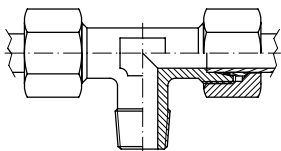
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	1/8" BSPT	Z FKL 6 R 1/8	39,54
8	L	1/4" BSPT	Z FKL 8 R 1/4	36,14
10	L	1/4" BSPT	Z FKL 10 R 1/4	46,29
12	L	3/8" BSPT	Z FKL 12 R 3/8	52,22
15	L	1/2" BSPT	Z FKL 15 R 1/2	77,97
18	L	1/2" BSPT	Z FKL 18 R 1/2	90,41
6	S	1/4" BSPT	Z FKS 6 R 1/4	46,37
8	S	1/4" BSPT	Z FKS 8 R 1/4	52,34
10	S	3/8" BSPT	Z FKS 10 R 3/8	53,53
12	S	3/8" BSPT	Z FKS 12 R 3/8	68,83
14	S	1/2" BSPT	Z FKS 14 R 1/2	86,61
16	S	1/2" BSPT	Z FKS 16 1/2	101,45

Male stud branch TEE Metrical tapered

Racor en T rosca cónica Métrica

T-Einschraubverschr. metr. kon. (TM)

Raccord TÉ mâle Métrique au centre



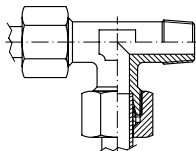
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	M10X1	Z FKL 6 M 10X1	*
8	L	M12X1.5	Z FKL 8 M 12X1.5	*
10	L	M14X1.5	Z FKL 10 M 14X1.5	*
12	L	M16X1.5	Z FKL 12 M 16X1.5	*
15	L	M18X1.5	Z FKL 15 M 18X1.5	*
18	L	M22X1.5	Z FKL 18 M 22X1.5	*
6	S	M12X1.5	Z FKS 6 M 12X1.5	*
8	S	M14X1.5	Z FKS 8 M 14X1.5	*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

Male stud barrel TEE BSPT tapered

Racor en L rosca cónica BSPT

L-Einschraubverschr. BSPT kon. (LR)

Raccord TÉ mâle gaz conique latéral



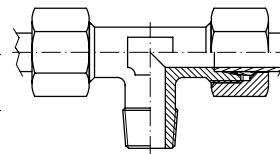
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	1/8" BSPT	Z LKL 6 R 1/8	41,64
8	L	1/4" BSPT	Z LKL 8 R 1/4	44,02
10	L	1/4" BSPT	Z LKL 10 R 1/4	49,12
12	L	3/8" BSPT	Z LKL 12 R 3/8	51,97
15	L	1/2" BSPT	Z LKL 15 R 1/2	71,59
18	L	1/2" BSPT	Z LKL 18 R 1/2	120,24
6	S	1/4" BSPT	Z LKS 6 R 1/4	45,29
8	S	1/4" BSPT	Z LKS 8 R 1/4	50,12
10	S	3/8" BSPT	Z LKS 10 R 3/8	59,01
12	S	3/8" BSPT	Z LKS 12 R 3/8	62,91
14	S	1/2" BSPT	Z LKS 14 R 1/2	77,33
16	S	1/2" BSPT	Z LKS 16 R 1/2	97,55

Male stud branch TEE NPT

Racor en T rosca cónica NPT

T-Einschraubverschr. NPT (T-NPT)

Raccord TÉ mâle NPT au centre



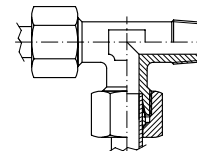
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	1/8" NPT	Z FKL 6 R 1/8 NPT	43,31
8	L	1/4" NPT	Z FKL 8 R 1/4 NPT	41,87
10	L	1/4" NPT	Z FKL 10 R 1/4 NPT	51,90
12	L	3/8" NPT	Z FKL 12 R 3/8 NPT	60,62
18	L	1/2" NPT	Z FKL 18 R 1/2 NPT	114,21
22	L	3/4" NPT	Z FKL 22 R 3/4 NPT	145,14
28	L	1" NPT	Z FKL 28 R 1 NPT	192,72
35	L	1 1/4" NPT	Z FKL 35 R 1 1/4 NPT	368,79
42	L	1 1/2" NPT	Z FKL 42 R 1 1/2 NPT	380,69
6	S	1/4" NPT	Z FKS 6 R 1/4 NPT	47,63
10	S	3/8" NPT	Z FKS 10 R 3/8 NPT	54,72
12	S	3/8" NPT	Z FKS 12 R 3/8 NPT	68,05
14	S	1/2" NPT	Z FKS 14 R 1/2 NPT	71,76
16	S	1/2" NPT	Z FKS 16 R 1/2 NPT	111,83
20	S	3/4" NPT	Z FKS 20 R 3/4 NPT	142,76
25	S	1" NPT	Z FKS 25 R 1 NPT	207,00
30	S	1 1/4" NPT	Z FKS 30 R 1 1/4 NPT	333,10
38	S	1 1/2" NPT	Z FKS 38 R 1 1/2 NPT	511,55

Male stud barrel TEE Metric tapered

Racor en L rosca cónica Métrica

L-Einschraubverschr. metr. kon. (LM)

Raccord Té mâle Métrique latéral



PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
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	*

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

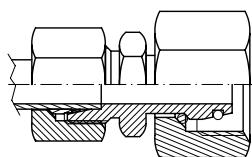
Trile LOK

Standpipe reducer swivel female (light series)

Racor de reducción con TL Métrica (serie ligera)

Kegel-Reduzierschr. (LEICHT)

Raccord union simple femelle tournante Métrique (série légère)



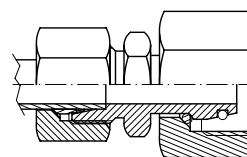
PIPE TUBO		SERIE	Part n° Referencia	€
8	6	L	Z KORL 8-6 TLM	27,36
10	6	L	Z KORL 10-6 TLM	25,37
12	6	L	Z KORL 12-6 TLM	30,53
12	8	L	Z KORL 12-8 TLM	26,37
12	10	L	Z KORL 12-10 TLM	27,36
15	6	L	Z KORL 15-6 TLM	34,69
15	8	L	Z KORL 15-8 TLM	32,83
15	10	L	Z KORL 15-10 TLM	35,57
15	12	L	Z KORL 15-12 TLM	27,38
18	8	L	Z KORL 18-8 TLM	38,20
18	10	L	Z KORL 18-10 TLM	39,40
18	12	L	Z KORL 18-12 TLM	34,68
18	15	L	Z KORL 18-15 TLM	38,81
22	10	L	Z KORL 22-10 TLM	39,70
22	12	L	Z KORL 22-12 TLM	39,32
22	15	L	Z KORL 22-15 TLM	45,77
22	18	L	Z KORL 22-18 TLM	47,24
28	10	L	Z KORL 28-10 TLM	59,38
28	12	L	Z KORL 28-12 TLM	55,07
28	15	L	Z KORL 28-15 TLM	62,73
28	18	L	Z KORL 28-18 TLM	57,61
28	22	L	Z KORL 28-22 TLM	58,75
35	12	L	Z KORL 35-12 TLM	87,45
35	22	L	Z KORL 35-22 TLM	96,97
35	28	L	Z KORL 35-28 TLM	90,55
42	22	L	Z KORL 42-22 TLM	120,28
42	28	L	Z KORL 42-28 TLM	124,66
42	35	L	Z KORL 42-35 TLM	130,13

Standpipe reducer swivel female (heavy series)

Racor de reducción con TL Métrica (serie pesada)

Kegel-Reduzierschr. (SCHWER)

Raccord union simple femelle tournante Métrique (série lourde)



PIPE TUBO		SERIE	Part n° Referencia	€
8	6	S	Z KORS 8-6 TLM	28,90
10	6	S	Z KORS 10-6 TLM	30,98
10	8	S	Z KORS 10-8 TLM	32,28
12	6	S	Z KORS 12-6 TLM	32,72
12	8	S	Z KORS 12-8 TLM	32,72
12	10	S	Z KORS 12-10 TLM	36,12
14	10	S	Z KORS 14-10 TLM	37,09
14	12	S	Z KORS 14-12 TLM	37,87
16	6	S	Z KORS 16-6 TLM	41,73
16	8	S	Z KORS 16-8 TLM	39,29
16	10	S	Z KORS 16-10 TLM	39,62
16	12	S	Z KORS 16-12 TLM	37,20
16	14	S	Z KORS 16-14 TLM	43,67
20	8	S	Z KORS 20-8 TLM	51,33
20	10	S	Z KORS 20-10 TLM	51,23
20	12	S	Z KORS 20-12 TLM	50,78
20	14	S	Z KORS 20-14 TLM	52,74
20	16	S	Z KORS 20-16 TLM	51,64
25	12	S	Z KORS 25-12 TLM	65,98
25	16	S	Z KORS 25-16 TLM	71,69
25	20	S	Z KORS 25-20 TLM	79,79
30	16	S	Z KORS 30-16 TLM	113,71
30	20	S	Z KORS 30-20 TLM	114,81
30	25	S	Z KORS 30-25 TLM	121,38
38	20	S	Z KORS 38-20 TLM	145,45
38	25	S	Z KORS 38-25 TLM	156,40
38	30	S	Z KORS 38-30 TLM	166,25

DIN 2353 Pipe fittings

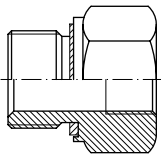
Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Male-female reducing adaptor BSP cylindrical with o'ring

Reducción con rosca M-HF BSP con junta tórica

Reduzierstück m - w fest BSP zyl. mit O-Ring

Raccord réduction mâle gaz-fem gaz avec joint torique



THREAD ROSCA		Part nº Referencia	€
M 1/8"BSP	F 1/4"BSP	Z RI-R 1/8 R 1/4WD	14,18
M 1/4"BSP	F 1/8"BSP	Z RI-R 1/4 R 1/8WD	14,38
M 1/4"BSP	F 3/8"BSP	Z RI-R 1/4 R 3/8WD	18,17
M 1/4"BSP	F 1/2"BSP	Z RI-R 1/4 R 1/2WD	20,90
M 3/8"BSP	F 1/8"BSP	Z RI-R 3/8 R 1/8WD	17,61
M 3/8"BSP	F 1/4"BSP	Z RI-R 3/8 R 1/4WD	16,75
M 3/8"BSP	F 1/2"BSP	Z RI-R 3/8 R 1/2WD	19,41
M 3/8"BSP	F 3/4"BSP	Z RI-R 3/8 R 3/4WD	27,85
M 1/2"BSP	F 1/8"BSP	Z RI-R 1/2 R 1/8WD	22,72
M 1/2"BSP	F 1/4"BSP	Z RI-R 1/2 R 1/4WD	18,17
M 1/2"BSP	F 3/8"BSP	Z RI-R 1/2 R 3/8WD	20,79
M 1/2"BSP	F 3/4"BSP	Z RI-R 1/2 R 3/4WD	30,01
M 3/4"BSP	F 3/8"BSP	Z RI-R 3/4 R 3/8WD	28,01
M 3/4"BSP	F 1/2"BSP	Z RI-R 3/4 R 1/2WD	28,09
M 3/4"BSP	F 1"BSP	Z RI-R 3/4 R 1WD	49,41
M 1"BSP	F 1/4"BSP	Z RI-R 1 R 1/4WD	34,62
M 1"BSP	F 3/8"BSP	Z RI-R 1 R 3/8WD	34,74
M 1"BSP	F 1/2"BSP	Z RI-R 1 R 1/2WD	34,28
M 1"BSP	F 3/4"BSP	Z RI-R 1 R 3/4WD	46,40
M 1"BSP	F 1"1/4 BSP	Z RI-R 1 R 1 1/4WD	104,91
M 1"1/4 BSP	F 1/2"BSP	Z RI-R 1 1/4 R 1/2WD	59,01
M 1"1/4 BSP	F 3/4"BSP	Z RI-R 1 1/4 R 3/4WD	59,92
M 1"1/4BSP	F 1"BSP	Z RI-R 1 1/4 R 1WD	84,70
M 1"1/4 BSP	F 1"1/2 BSP	Z RI-R 1 1/4 R 1 1/2WD	120,43
M 1"1/2 BSP	F 1/2"BSP	Z RI-R 1 1/2 R 1/2WD	82,09
M 1"1/2 BSP	F 3/4"BSP	Z RI-R 1 1/2 R 3/4WD	78,52
M 1"1/2 BSP	F 1"BSP	Z RI-R 1 1/2 R 1WD	74,95
M 1"1/2 BSP	F 1"1/4 BSP	Z RI-R 1 1/2 R 1 1/4WD	115,28
M 1"1/2 BSP	F 2" BSP	Z RI-R 1 1/2 R 2WD	138,91
M 2" BSP	F 1"1/2 BSP	Z RI-R 2 R 1 1/2WD	159,67

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

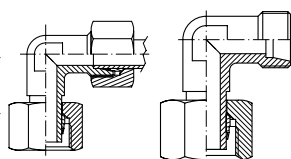
Trile LOK

Adjustable stud elbow with nut and ring

Racor en codo regulable con tuerca y anillo

Einstellbarer W-Anschlussstutzen M/Mutter-Ring - EVW-M

Raccord coudé orientable tube lisse équipé



PIPE TUBO	SERIE	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	Z EEL 6 CTA	25,91	Z STA EEL 6 CTA	23,80
8	L	Z EEL 8 CTA	26,36	Z STA EEL 8 CTA	22,21
12	L	Z EEL 12 CTA	34,28	Z STA EEL 12 CTA	29,69
15	L	Z EEL 15 CTA	47,59	Z STA EEL 15 CTA	41,96
22	L	Z EEL 22 CTA	92,03	Z STA EEL 22 CTA	84,46
28	L	Z EEL 28 CTA	134,00	Z STA EEL 28 CTA	124,26
35	L	Z EEL 35 CTA	172,45	Z STA EEL 35 CTA	154,26
6	S	Z EES 6 CTA	24,49	Z STA EES 6 CTA	20,38
8	S	Z EES 8 CTA	27,74	Z STA EES 8 CTA	23,90
12	S	Z EES 12 CTA	39,24	Z STA EES 12 CTA	35,26
16	S	Z EES 16 CTA	56,32	Z STA EES 16 CTA	51,51

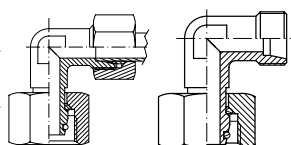
Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

Adjustable stud elbow with o'ring

Racor en codo regulable TL Métrica

Einstellbarer W-Anschlussstutzen mit O-Ring -EVW-M-ED

Raccord coudé orientable Métrique avec o'ring



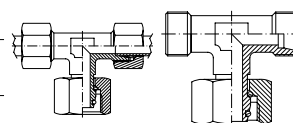
PIPE TUBO	SERIE	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	Z EEL 6 TLM	25,39	Z STA EEL 6 TLM	26,42
8	L	Z EEL 8 TLM	25,83	Z STA EEL 8 TLM	25,59
10	L	Z EEL 10 TLM	31,89	Z STA EEL 10 TLM	29,87
12	L	Z EEL 12 TLM	36,58	Z STA EEL 12 TLM	33,51
15	L	Z EEL 15 TLM	47,17	Z STA EEL 15 TLM	44,82
18	L	Z EEL 18 TLM	66,14	Z STA EEL 18 TLM	63,21
22	L	Z EEL 22 TLM	90,19	Z STA EEL 22 TLM	81,01
28	L	Z EEL 28 TLM	131,32	Z STA EEL 28 TLM	123,45
35	L	Z EEL 35 TLM	185,37	Z STA EEL 35 TLM	164,45
42	L	Z EEL 42 TLM	295,60	Z STA EEL 42 TLM	285,12
6	S	Z EES 6 TLM	35,19	Z STA EES 6 TLM	32,86
8	S	Z EES 8 TLM	31,67	Z STA EES 8 TLM	32,40
10	S	Z EES 10 TLM	39,05	Z STA EES 10 TLM	37,55
12	S	Z EES 12 TLM	43,76	Z STA EES 12 TLM	42,00
14	S	Z EES 14 TLM	52,89	Z STA EES 14 TLM	48,61
16	S	Z EES 16 TLM	62,48	Z STA EES 16 TLM	61,13
20	S	Z EES 20 TLM	96,74	Z STA EES 20 TLM	89,53
25	S	Z EES 25 TLM	159,04	Z STA EES 25 TLM	139,86
30	S	Z EES 30 TLM	198,09	Z STA EES 30 TLM	189,51
38	S	Z EES 38 TLM	296,66	Z STA EES 38 TLM	276,03

Adjustable stud branch TEE with o'ring

Racor en T regulable TL Métrica

Einstellbarer T-Anschlussstutzen M/Mutter-Ring - EVT-M

Raccord TÉ orientable Métrique avec o'ring



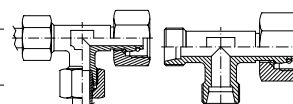
PIPE TUBO	SERIE	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	Z TEL 6 TLM	32,36	Z STA TEL 6 TLM	27,74
8	L	Z TEL 8 TLM	35,95	Z STA TEL 8 TLM	30,54
10	L	Z TEL 10 TLM	39,66	Z STA TEL 10 TLM	33,30
12	L	Z TEL 12 TLM	44,81	Z STA TEL 12 TLM	38,94
15	L	Z TEL 15 TLM	76,95	Z STA TEL 15 TLM	60,38
18	L	Z TEL 18 TLM	102,11	Z STA TEL 18 TLM	85,74
22	L	Z TEL 22 TLM	136,71	Z STA TEL 22 TLM	122,86
28	L	Z TEL 28 TLM	206,35	Z STA TEL 28 TLM	176,50
35	L	Z TEL 35 TLM	333,57	Z STA TEL 35 TLM	277,71
42	L	Z TEL 42 TLM	405,83	Z STA TEL 42 TLM	355,69
6	S	Z TES 6 TLM	39,67	Z STA TES 6 TLM	31,66
8	S	Z TES 8 TLM	43,98	Z STA TES 8 TLM	36,61
10	S	Z TES 10 TLM	48,46	Z STA TES 10 TLM	42,43
12	S	Z TES 12 TLM	59,57	Z STA TES 12 TLM	51,83
14	S	Z TES 14 TLM	96,65	Z STA TES 14 TLM	86,65
16	S	Z TES 16 TLM	102,70	Z STA TES 16 TLM	97,22
20	S	Z TES 20 TLM	134,50	Z STA TES 20 TLM	122,99
25	S	Z TES 25 TLM	207,40	Z STA TES 25 TLM	173,22
30	S	Z TES 30 TLM	297,71	Z STA TES 30 TLM	252,76
38	S	Z TES 38 TLM	457,01	Z STA TES 38 TLM	375,88

Adjustable stud barrel TEE with o'ring

Racor en L regulable TL Métrica

Einstellbarer L-Anschlussstutzen mit O-Ring -EVL-M-ED

Raccord L orientable renversé Métrique avec o'ring



T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	M12X1.5	Z LEL 6 TLM	31,83	Z STA LEL 6 TLM	26,46
8	L	M14X1.5	Z LEL 8 TLM	39,61	Z STA LEL 8 TLM	34,25
10	L	M16X1.5	Z LEL 10 TLM	45,93	Z STA LEL 10 TLM	39,00
12	L	M18X1.5	Z LEL 12 TLM	54,85	Z STA LEL 12 TLM	48,82
15	L	M22X1.5	Z LEL 15 TLM	79,45	Z STA LEL 15 TLM	68,19
18	L	M26X1.5	Z LEL 18 TLM	101,77	Z STA LEL 18 TLM	88,23
22	L	M30X2	Z LEL 22 TLM	144,27	Z STA LEL 22 TLM	130,00
28	L	M36X2	Z LEL 28 TLM	208,62	Z STA LEL 28 TLM	177,95
35	L	M45X2	Z LEL 35 TLM	348,45	Z STA LEL 35 TLM	291,49
42	L	M52X2	Z LEL 42 TLM	486,57	Z STA LEL 42 TLM	416,17
6	S	M14X1.5	Z LES 6 TLM	32,62	Z STA LES 6 TLM	25,07
8	S	M16X1.5	Z LES 8 TLM	41,95	Z STA LES 8 TLM	33,90
10	S	M18X1.5	Z LES 10 TLM	54,58	Z STA LES 10 TLM	48,20
12	S	M20X1.5	Z LES 12 TLM	56,20	Z STA LES 12 TLM	47,65
14	S	M22X1.5	Z LES 14 TLM	85,70	Z STA LES 14 TLM	71,36
16	S	M24X1.5	Z LES 16 TLM	97,55	Z STA LES 16 TLM	86,55
20	S	M30X2	Z LES 20 TLM	135,73	Z STA LES 20 TLM	117,78
25	S	M36X2	Z LES 25 TLM	219,44	Z STA LES 25 TLM	190,51
30	S	M42X2	Z LES 30 TLM	327,59	Z STA LES 30 TLM	277,03
38	S	M52X2	Z LES 38 TLM	451,96	Z STA LES 38 TLM	379,58

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

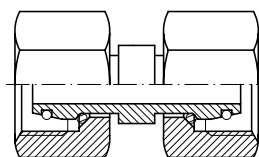
Raccords à bague DIN 2353

Straight connection with o'ring

Racor unión TL Métrica

Gerader Zwischenstutzen mit O-Ring

Raccord union tournante Métrique égale



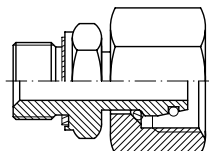
PIPE TUBO	SERIE	Part n° Referencia	€
6	L	Z ATL 6	27,20
8	L	Z ATL 8	28,51
10	L	Z ATL 10	27,21
12	L	Z ATL 12	33,08
15	L	Z ATL 15	45,95
18	L	Z ATL 18	59,80
22	L	Z ATL 22	64,00
28	L	Z ATL 28	98,36
35	L	Z ATL 35	146,48
42	L	Z ATL 42	195,73
6	S	Z ATS 6	37,73
8	S	Z ATS 8	32,95
10	S	Z ATS 10	32,28
12	S	Z ATS 12	42,18
14	S	Z ATS 14	49,96
16	S	Z ATS 16	53,71
20	S	Z ATS 20	67,39
25	S	Z ATS 25	96,05
30	S	Z ATS 30	154,53
38	S	Z ATS 38	207,73

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



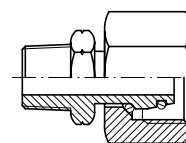
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	1/8"BSP	Z RAL 6 R 1/8TLMWD	26,77
8	L	1/4"BSP	Z RAL 8 R 1/4TLMWD	28,64
10	L	1/4"BSP	Z RAL 10 R 1/4TLMWD	26,31
12	L	1/4"BSP	Z RAL 12 R 1/4TLMWD	26,98
12	L	3/8"BSP	Z RAL 12 R 3/8TLMWD	27,95
12	L	1/2"BSP	Z RAL 12 R 1/2TLMWD	30,14
15	L	1/2"BSP	Z RAL 15 R 1/2TLMWD	36,59
18	L	1/2"BSP	Z RAL 18 R 1/2TLMWD	48,99
22	L	3/4"BSP	Z RAL 22 R 3/4TLMWD	52,74
28	L	1"BSP	Z RAL 28 R 1TLMWD	90,73
35	L	1 1/4" BSP	Z RAL 35 R 1 1/4TLMWD	113,65
42	L	1 1/2" BSP	Z RAL 42 R 1 1/2TLMWD	158,15
6	S	1/4"BSP	Z RAS 6 R 1/4TLMWD	29,15
8	S	1/4"BSP	Z RAS 8 R 1/4TLMWD	26,31
10	S	3/8"BSP	Z RAS 10 R 3/8TLMWD	29,38
12	S	3/8"BSP	Z RAS 12 R 3/8TLMWD	29,46
14	S	1/2"BSP	Z RAS 14 R 1/2TLMWD	38,93
16	S	1/2"BSP	Z RAS 16 R 1/2TLMWD	51,58
20	S	3/4"BSP	Z RAS 20 R 3/4TLMWD	53,89
25	S	1"BSP	Z RAS 25 R 1TLMWD	96,29
30	S	1 1/4" BSP	Z RAS 30 R 1 1/4TLMWD	120,44
38	S	1 1/2" BSP	Z RAS 38 R 1 1/2TLMWD	150,76

Straight stud standpipe adaptor NPT- metric swivel fem.

Racor recto macho NPT - TL Métrica

Gerader Einschraubstutzen NPT M/Dichtkegel

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



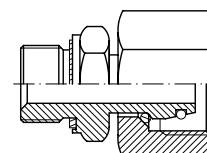
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	1/8"NPT	Z RAL 6 R 1/8 NPTTLM	12,41
8	L	1/4"NPT	Z RAL 8 R 1/4 NPTTLM	27,38
10	L	1/4"NPT	Z RAL 10 R 1/4 NPTTLM	28,23
12	L	3/8" NPT	Z RAL 12 R 3/8 NPTTLM	39,47
15	L	1/2" NPT	Z RAL 15 R 1/2 NPTTLM	26,16
18	L	1/2"NPT	Z RAL 18 R 1/2 NPTTLM	59,51
22	L	3/4"NPT	Z RAL 22 R 3/4 NPTTLM	67,08
28	L	1"NPT	Z RAL 28 R 1 NPTTLM	80,46
35	L	1 1/4" NPT	Z RAL 35 R 1 1/4 NPTTLM	131,08
42	L	1 1/2" NPT	Z RAL 42 R 1 1/2 NPTTLM	145,31
6	S	1/4"NPT	Z RAS 6 R 1/4 NPTTLM	17,55
8	S	1/4"NPT	Z RAS 8 R 1/4 NPTTLM	18,02
10	S	3/8"NPT	Z RAS 10 R 3/8 NPTTLM	24,81
12	S	1/4" NPT	Z RAS 12 R 1/4 NPTTLM	24,72
14	S	1/2"NPT	Z RAS 14 R 1/2 NPTTLM	29,48
16	S	1/2"NPT	Z RAS 16 R 1/2 NPTTLM	57,31
20	S	3/4"NPT	Z RAS 20 R 3/4 NPTTLM	80,97
25	S	3/4"NPT	Z RAS 25 R 3/4 NPTTLM	106,57
25	S	1"NPT	Z RAS 25 R 1 NPTTLM	88,81
30	S	1"NPT	Z RAS 30 R 1 NPTTLM	116,31
30	S	1 1/4" NPT	Z RAS 30 R 1 1/4 NPTTLM	146,16
38	S	1 1/2" NPT	Z RAS 38 R 1 1/2 NPTTLM	155,04

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



PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	M10X1	Z RAL 6M10X1TLMWD	28,93
8	L	M12X1.5	Z RAL 8M12X1.5TLMWD	25,58
10	L	M14X1.5	Z RAL 10M14X1.5TLMWD	32,48
12	L	M16X1.5	Z RAL 12M16X1.5TLMWD	31,31
15	L	M18X1.5	Z RAL 15M18X1.5TLMWD	39,26
18	L	M22X1.5	Z RAL 18M22X1.5TLMWD	50,44
22	L	M26X1.5	Z RAL 22M26X1.5TLMWD	58,17
28	L	M33X2	Z RAL 28M33X2TLMWD	92,67
35	L	M42X2	Z RAL 35M42X2TLMWD	142,94
42	L	M48X2	Z RAL 42M48X2TLMWD	161,79
6	S	M12X1.5	Z RAS 6M12X1.5TLMWD	29,15
8	S	M14X1.5	Z RAS 8M14X1.5TLMWD	28,79
10	S	M16X1.5	Z RAS 10M16X1.5TLMWD	30,34
12	S	M18X1.5	Z RAS 12M18X1.5TLMWD	33,24
14	S	M20X1.5	Z RAS 14M20X1.5TLMWD	45,50
16	S	M22X1.5	Z RAS 16M22X1.5TLMWD	49,85
20	S	M27X2	Z RAS 20M27X2TLMWD	67,69
25	S	M33X2	Z RAS 25M33X2TLMWD	100,09
30	S	M42X2	Z RAS 30M42X2TLMWD	137,88
38	S	M48X2	Z RAS 38M48X2TLMWD	178,59

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

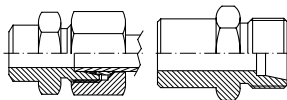
Trile LOK

Weldable straight coupling

Racor recto para soldar

Gerade Anschweiß-Versch. (GAV)

Raccord mamelon hexagonal Métrique à souder



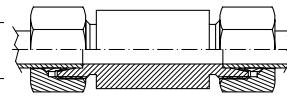
PIPE TUBO	SERIE	Part nº Referencia	€	Part Nº STA Referencia STA	€
6	L	Z ASL 6	11,01	Z STA ASL 6	7,27
8	L	Z ASL 8	12,62	Z STA ASL 8	8,67
10	L	Z ASL 10	13,85	Z STA ASL 10	9,29
12	L	Z ASL 12	14,73	Z STA ASL 12	10,82
15	L	Z ASL 15	24,13	Z STA ASL 15	16,10
18	L	Z ASL 18	27,66	Z STA ASL 18	19,73
22	L	Z ASL 22	34,20	Z STA ASL 22	25,62
28	L	Z ASL 28	59,47	Z STA ASL 28	36,44
35	L	Z ASL 35	80,42	Z STA ASL 35	47,87
42	L	Z ASL 42	105,00	Z STA ASL 42	72,57
6	S	Z ASS 6	13,68	Z STA ASS 6	9,05
8	S	Z ASS 8	17,25	Z STA ASS 8	11,99
10	S	Z ASS 10	19,18	Z STA ASS 10	13,83
12	S	Z ASS 12	24,38	Z STA ASS 12	17,13
14	S	Z ASS 14	31,88	Z STA ASS 14	21,23
16	S	Z ASS 16	27,91	Z STA ASS 16	20,91
20	S	Z ASS 20	38,24	Z STA ASS 20	25,71
25	S	Z ASS 25	57,92	Z STA ASS 25	33,44
30	S	Z ASS 30	76,11	Z STA ASS 30	47,56
38	S	Z ASS 38	133,24	Z STA ASS 38	87,96

Weldable bulkhead coupling

Racor pasatabique para soldar

Schweiß-Schottverschraubung (ESV)

Raccord union double passe cloison Métrique à souder



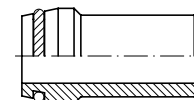
PIPE TUBO	SERIE	Part nº Referencia	€
6	L	Z ESVL 6	23,03
8	L	Z ESVL 8	26,44
10	L	Z ESVL 10	29,24
12	L	Z ESVL 12	32,61
15	L	Z ESVL 15	43,87
18	L	Z ESVL 18	57,37
22	L	Z ESVL 22	84,78
28	L	Z ESVL 28	105,73
35	L	Z ESVL 35	134,97
42	L	Z ESVL 42	200,21
6	S	Z ESVS 6	29,82
8	S	Z ESVS 8	33,28
10	S	Z ESVS 10	48,38
12	S	Z ESVS 12	45,78
14	S	Z ESVS 14	58,77
16	S	Z ESVS 16	67,46
20	S	Z ESVS 20	101,23
25	S	Z ESVS 25	126,59
30	S	Z ESVS 30	150,72
38	S	Z ESVS 38	232,60

Welding nipple with o-ring

Boquilla para soldar

Schweißkegel (SK)

Raccord collet cône métrique à souder



PIPE TUBO	SERIE	Part nº Referencia	€
15x2.5	L	Z ORIL 15	9,33
18x2.5	L	Z ORIL 18	13,73
22x2.5	L	Z ORIL 22	16,09
28x3	L	Z ORIL 28	22,34
35x4	L	Z ORIL 35	32,21
42x3	L	Z ORIL 42	52,91
6x2	L/S	Z ORIS 6	10,11
8x2	L/S	Z ORIS 8	8,71
10x2	L/S	Z ORIS 10	8,70
12x2	L/S	Z ORIS 12	8,88
14x3	S	Z ORIS 14	16,45
16x3	S	Z ORIS 16	12,69
20x3	S	Z ORIS 20	15,52
25x4	S	Z ORIS 25 *	22,44
30x5	S	Z ORIS 30	27,94
38x5	S	Z ORIS 38	37,89

* It could be delivered in 25x3 or 25x4 / * Podrá ser suministrada en 25x3 o 25x4 / * Die Lieferung in 25x3 oder 25x4 / * Livré en 25x3 ou 25x4

DIN 2353 Pipe fittings

Racores DIN 2353

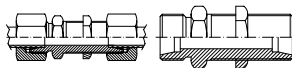
Verschraubungen Din 2353

Raccords à bague DIN 2353

Straight bulkhead coupling

Racor recto pasatabique con tuerca

Gerade Schottverschraubung - GSV



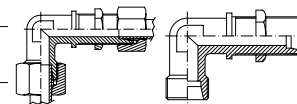
Raccord droit union double passe cloison avec écrou

PIPE TUBO	SERIE	Part n° Referencia	€	Part n° STA Referencia STA	€
6	L	Z SVL 6	19,76	Z STA SVL 6	12,90
8	L	Z SVL 8	22,60	Z STA SVL 8	16,24
10	L	Z SVL 10	29,35	Z STA SVL 10	22,28
12	L	Z SVL 12	29,46	Z STA SVL 12	23,42
15	L	Z SVL 15	42,96	Z STA SVL 15	30,94
18	L	Z SVL 18	57,83	Z STA SVL 18	42,37
22	L	Z SVL 22	78,08	Z STA SVL 22	58,01
28	L	Z SVL 28	106,90	Z STA SVL 28	77,15
35	L	Z SVL 35	176,85	Z STA SVL 35	90,67
42	L	Z SVL 42	236,74	Z STA SVL 42	139,20
6	S	Z SVS 6	32,05	Z STA SVS 6	23,79
8	S	Z SVS 8	33,63	Z STA SVS 8	23,91
10	S	Z SVS 10	38,61	Z STA SVS 10	26,99
12	S	Z SVS 12	41,99	Z STA SVS 12	33,80
14	S	Z SVS 14	58,19	Z STA SVS 14	40,61
16	S	Z SVS 16	57,92	Z STA SVS 16	42,59
20	S	Z SVS 20	97,07	Z STA SVS 20	73,37
25	S	Z SVS 25	131,27	Z STA SVS 25	91,16
30	S	Z SVS 30	190,29	Z STA SVS 30	102,27
38	S	Z SVS 38	308,07	Z STA SVS 38	217,61

Elbow bulkhead coupling

Racor en codo pasatabique con tuerca

W-Schottversch. - WSV



Raccord coude égal passe cloison

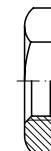
PIPE TUBO	SERIE	Part n° Referencia	€	Part n° STA Referencia STA	€
6	6	L Z USVL 6	48,72	Z STA USVL 6	43,51
8	19	L Z USVL 8	50,45	Z STA USVL 8	39,04
10	22	L Z USVL 10	48,72	Z STA USVL 10	35,58
12	24	L Z USVL 12	52,21	Z STA USVL 12	38,12
15	27	L Z USVL 15	82,54	Z STA USVL 15	71,12
18	32	L Z USVL 18	93,66	Z STA USVL 18	70,31
22	36	L Z USVL 22	140,90	Z STA USVL 22	105,45
28	42	L Z USVL 28	252,17		*
35	50	L Z USVL 35	452,07		*
42	60	L Z USVL 42	582,93		*
6	19	S Z USVS 6	55,68		*
8	22	S Z USVS 8	57,61	Z STA USVS 8	51,74
10	24	S Z USVS 10	60,76	Z STA USVS 10	46,82
12	27	S Z USVS 12	67,64	Z STA USVS 12	52,37
14	27	S Z USVS 14	89,82	Z STA USVS 14	69,09
16	30	S Z USVS 16	99,62	Z STA USVS 16	72,52
20	36	S Z USVS 20	158,82	Z STA USVS 20	126,00
25	42	S Z USVS 25	272,98		*
30	50	S Z USVS 30	388,30		*
38	60	S Z USVS 38	588,88		*

Metric nut bulkhead

Tuerca pasatabique Métrica

Metr. Gegenmuttern für
Schottverschraubungen - GM-M

Écrou Métrique passe cloison



PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
6L	M12x1.5	KZTPM12	2,11
8L / 6S	M14x1.5	KZTPM14	2,34
10L / 8S	M16x1.5	KZTPM16	3,01
12L / 10S	M18x1.5	KZTPM18	3,79
12S	M20x1.5	KZTPM20	4,67
15L / 14S	M22x1.5	KZTPM22	6,01
16S	M24x1.5	KZTPM24	7,24
18L	M26x1.5	KZTPM26	10,59
22L / 20S	M30x2	KZTPM30	13,80
28L / 25S	M36x2	KZTPM36	20,36
30S	M42x2	KZTPM42	26,54
35L	M45x2	KZTPM45	26,96
42L / 38S	M52x2	KZTPM52	37,02

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

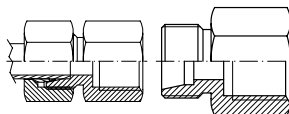
Flow measuring

Trile LOK

Female stud coupling

Racor recto hembra rosca BSP

Gerader Aufschraubstutzen – Innengewinde
BSP = GAI- R



Raccord union simple femelle gaz

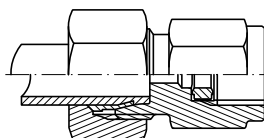
T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	1/8" BSP	Z GAIL 6 R 1/8	14,13	Z STA GAIL 6 R 1/8	11,64
6	L	1/4" BSP	Z GAIL 6 R 1/4	14,89	Z STA GAIL 6 R 1/4	12,93
8	L	1/4" BSP	Z GAIL 8 R 1/4	17,77	Z STA GAIL 8 R 1/4	14,52
10	L	1/4" BSP	Z GAIL 10 R 1/4	16,82	Z STA GAIL 10 R 1/4	13,77
12	L	1/2" BSP	Z GAIL 12 R 1/2	23,93	Z STA GAIL 12 R 1/2	19,60
12	L	3/8" BSP	Z GAIL 12 R 3/8	24,04	Z STA GAIL 12 R 3/8	20,09
15	L	1/2" BSP	Z GAIL 15 R 1/2	26,37	Z STA GAIL 15 R 1/2	21,44
18	L	1/2" BSP	Z GAIL 18 R 1/2	32,37	Z STA GAIL 18 R 1/2	23,96
22	L	3/4" BSP	Z GAIL 22 R 3/4	43,59	Z STA GAIL 22 R 3/4	31,62
28	L	1" BSP	Z GAIL 28 R 1	65,49	Z STA GAIL 28 R 1	37,69
35	L	1 1/4" BSP	Z GAIL 35 R 1 1/4	139,19	Z STA GAIL 35 R 1 1/4	90,08
42	L	1 1/2" BSP	Z GAIL 42 R 1 1/2	155,05	Z STA GAIL 42 R 1 1/2	106,24
6	S	1/4" BSP	Z GAIS 6 R 1/4	20,13	Z STA GAIS 6 R 1/4	15,74
8	S	1/4" BSP	Z GAIS 8 R 1/4	19,68	Z STA GAIS 8 R 1/4	15,43
10	S	3/8" BSP	Z GAIS 10 R 3/8	23,50	Z STA GAIS 10 R 3/8	18,68
12	S	3/8" BSP	Z GAIS 12 R 3/8	27,34	Z STA GAIS 12 R 3/8	22,32
14	S	3/8" BSP	Z GAIS 14 R 3/8 *	37,34		*
14	S	1/2" BSP	Z GAIS 14 R 1/2	36,56	Z STA GAIS 14 R 1/2	28,11
16	S	1/2" BSP	Z GAIS 16 R 1/2	34,00	Z STA GAIS 16 R 1/2	23,49
20	S	3/4" BSP	Z GAIS 20 R 3/4	56,73	Z STA GAIS 20 R 3/4	40,27
25	S	1" BSP	Z GAIS 25 R 1	77,42	Z STA GAIS 25 R 1	48,14
30	S	1 1/4" BSP	Z GAIS 30 R 1 1/4	123,72	Z STA GAIS 30 R 1 1/4	79,66
38	S	1 1/2" BSP	Z GAIS 38 R 1 1/2	151,68	Z STA GAIS 38 R 1 1/2	109,59

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

Gauge coupling BSP cylindrical

Racor para manómetro BSP

Manometer-Verschraubung BSP ZYL - MAV-BSP



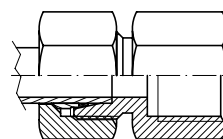
Raccord union pour manomètre gaz

PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	1/4" BSP	Z MAVL 6 R 1/4	20,47
8	L	1/4" BSP	Z MAVL 8 R 1/4	20,47
10	L	1/4" BSP	Z MAVL 10 R 1/4	24,43
12	L	1/4" BSP	Z MAVL 12 R 1/4	24,43
6	S	1/2" BSP	Z MAVS 6 R 1/2	31,44
8	S	1/2" BSP	Z MAVS 8 R 1/2	30,52
10	S	1/2" BSP	Z MAVS 10 R 1/2	36,13
12	S	1/2" BSP	Z MAVS 12 R 1/2	31,44

Female stud coupling Metric Cylindrical

Racor recto hembra rosca Métrica

Gerader Aufschraubstutzen – metr.
Innengewinde = GAI-M



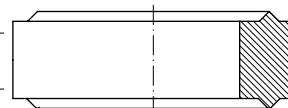
Raccord union simple femelle Métrique

PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	M10X1	Z GAIL 6 M 10X1	17,44
8	L	M12X1.5	Z GAIL 8 M 12X1.5	20,82
10	L	M14X1.5	Z GAIL 10 M 14X1.5	24,00
12	L	M16X1.5	Z GAIL 12 M 16X1.5	28,64
15	L	M18X1.5	Z GAIL 15 M 18X1.5	39,02
18	L	M22X1.5	Z GAIL 18 M 22X1.5	46,40
22	L	M26X1.5	Z GAIL 22 M 26X1.5	51,04
28	L	M33X2	Z GAIL 28 M 33X2	77,33
35	L	M42X2	Z GAIL 35 M 42X2	140,38
42	L	M48X2	Z GAIL 42 M 48X2	186,55
6	S	M12X1.5	Z GAIS 6 M 12X1.5	23,79
8	S	M14X1.5	Z GAIS 8 M 14X1.5	28,79
10	S	M16X1.5	Z GAIS 10 M 16X1.5	27,72
12	S	M18X1.5	Z GAIS 12 M 18X1.5	34,50
14	S	M20X1.5	Z GAIS 14 M 20X1.5	44,54
16	S	M22X1.5	Z GAIS 16 M 22X1.5	46,40
20	S	M27X2	Z GAIS 20 M 27X2	65,91
25	S	M33X2	Z GAIS 25 M 33X2	94,58
30	S	M42X2	Z GAIS 30 M 42X2	181,23
38	S	M48X2	Z GAIS 38 M 48X2	246,06

Seal for gauge coupling

Arandela para manómetros

Dichtkanten-Ring für Manometer-Anschlüsse
- DKI



Raccord bague pour manomètres

THREAD ROSCA	Part n° Referencia	€
R 1/4" BSP	Z AM 6	5,10
R 1/2" BSP	Z AM 12	6,54

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

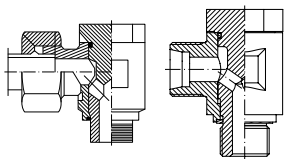
Raccords à bague DIN 2353

Banjo coupling with captive seal and o'ring BSP cylindrical

Racor en codo orientable sin estrangulación rosca BSP

Schwenkversch. mit Dichtkegel und O-Ring BSP ZYL

Raccord équerre orientable articulée sans étranglement gaz



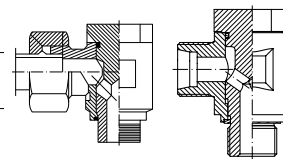
T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	1/8" BSP	ZWSVL 6 R 1/8	75,92	Z STA WSVL 6 R 1/8	*
6	L	1/4" BSP	ZWSVL 6 R 1/4	76,00	Z STA WSVL 6 R 1/4	71,75
8	L	1/4" BSP	ZWSVL 8 R 1/4	79,81	Z STA WSVL 8 R 1/4	76,61
10	L	1/4" BSP	ZWSVL 10 R 1/4	76,01	Z STA WSVL 10 R 1/4	72,81
12	L	3/8" BSP	ZWSVL 12 R 3/8	91,29	Z STA WSVL 12 R 3/8	87,60
15	L	1/2" BSP	ZWSVL 15 R 1/2	125,56	Z STA WSVL 15 R 1/2	120,53
18	L	1/2" BSP	ZWSVL 18 R 1/2	161,58	Z STA WSVL 18 R 1/2	153,94
22	L	3/4" BSP	ZWSVL 22 R 3/4	256,97	Z STA WSVL 22 R 3/4	248,57
28	L	1" BSP	ZWSVL 28 R 1	*	Z STA WSVL 28 R 1	*
35	L	1"1/4 BSP	ZWSVL 35 R 1 1/4	*	Z STA WSVL 35 R 1 1/4	*
42	L	1"1/2 BSP	ZWSVL 42 R 1 1/2	*	Z STA WSVL 42 R 1 1/2	*
6	S	1/4" BSP	ZWSVS 6 R 1/4	81,77	Z STA WSVS 6 R 1/4	77,57
8	S	1/4" BSP	ZWSVS 8 R 1/4	89,55	Z STA WSVS 8 R 1/4	84,98
10	S	3/8" BSP	ZWSVS 10 R 3/8	101,23	Z STA WSVS 10 R 3/8	97,16
12	S	3/8" BSP	ZWSVS 12 R 3/8	113,89	Z STA WSVS 12 R 3/8	109,65
14	S	1/2" BSP	ZWSVS 14 R 1/2	133,35	Z STA WSVS 14 R 1/2	127,09
16	S	1/2" BSP	ZWSVS 16 R 1/2	167,32	Z STA WSVS 16 R 1/2	160,81
20	S	3/4" BSP	ZWSVS 20 R 3/4	253,94	Z STA WSVS 20 R 3/4	246,74
25	S	1" BSP	ZWSVS 25 R 1	*	Z STA WSVS 25 R 1	*
30	S	1"1/4 BSP	ZWSVS 30 R 1 1/4	*	Z STA WSVS 30 R 1 1/4	*
38	S	1"1/2 BSP	ZWSVS 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

Schwenkversch. mit Dichtkegel und O-Ring metr. ZYL

Raccord équerre orientable articulée sans étranglement Métrique



T.	S.	THREAD ROSCA	Part n° Referencia	€	Part N° STA Referencia STA	€
6	L	M10X1	ZWSVL 6 M 10X1	79,81	Z STA WSVL 6 M 10X1	77,07
8	L	M12X1,5	ZWSVL 8 M 12X1,5	83,71	Z STA WSVL 8 M 12X1,5	80,75
10	L	M14X1,5	ZWSVL 10 M 14X1,5	90,52	Z STA WSVL 10 M 14X1,5	87,03
12	L	M16X1,5	ZWSVL 12 M 16X1,5	97,34	Z STA WSVL 12 M 16X1,5	93,73
15	L	M18X1,5	ZWSVL 15 M 18X1,5	130,43	Z STA WSVL 15 M 18X1,5	125,25
18	L	M22X1,5	ZWSVL 18 M 22X1,5	159,63	Z STA WSVL 18 M 22X1,5	152,72
22	L	M26X1,5	ZWSVL 22 M 26X1,5	*	Z STA WSVL 22 M 26X1,5	*
28	L	M33X2	ZWSVL 28 M 33X2	*	Z STA WSVL 28 M 33X2	*
35	L	M42X2	ZWSVL 35 M 42X2	*	Z STA WSVL 35 M 42X2	*
42	L	M48X2	ZWSVL 42 M 48X2	*	Z STA WSVL 42 M 48X2	*
6	S	M12X1,5	ZWSVS 6 M 12X1,5	85,65	Z STA WSVS 6 M 12X1,5	81,26
8	S	M14X1,5	ZWSVS 8 M 14X1,5	91,49	Z STA WSVS 8 M 14X1,5	86,92
10	S	M16X1,5	ZWSVS 10 M 16X1,5	107,07	Z STA WSVS 10 M 16X1,5	103,07
12	S	M18X1,5	ZWSVS 12 M 18X1,5	118,75	Z STA WSVS 12 M 18X1,5	114,05
14	S	M20X1,5	ZWSVS 14 M 20X1,5	138,21	Z STA WSVS 14 M 20X1,5	127,56
16	S	M22X1,5	ZWSVS 16 M 22X1,5	177,15	Z STA WSVS 16 M 22X1,5	170,55
20	S	M27X2	ZWSVS 20 M 27X2	257,94	Z STA WSVS 20 M 27X2	247,93
30	S	M42X2	ZWSVS 30 M 42X2	*	Z STA WSVS 30 M 42X2	*
38	S	M48X2	ZWSVS 38 M 48X2	*	Z STA WSVS 38 M 48X2	*

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

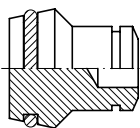
Trile LOK

Blanking plug with o'ring

Tapón de cierre para tubo con junta tórica

Verschlusskegel mit O-Ring

Raccord bouchon de fermeture avec o'ring



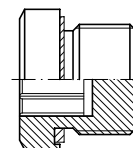
PIPE TUBO	SERIE	Part n° Referencia	€
6	L/S	Z BUTZEN L 6	6,18
8	L/S	Z BUTZEN L 8	5,60
10	L/S	Z BUTZEN L 10	5,78
12	L/S	Z BUTZEN L 12	6,91
15	L	Z BUTZEN L 15	7,71
18	L	Z BUTZEN L 18	9,95
22	L	Z BUTZEN L 22	13,70
28	L	Z BUTZEN L 28	20,89
35	L	Z BUTZEN L 35	35,82
42	L	Z BUTZEN L 42	49,26
14	S	Z BUTZEN S 14	10,45
16	S	Z BUTZEN S 16	9,83
20	S	Z BUTZEN S 20	21,89
25	S	Z BUTZEN S 25	17,42
30	S	Z BUTZEN S 30	28,76
38	S	Z BUTZEN S 38	47,17

Blanking plug with captive seal BSP cylindrical

Tapón de cierre Allen rosca BSP con junta

Verschlussverschraubung Allen mit Dichtung BSP

Raccord bouchon Allen gaz avec joint plat



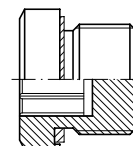
THREAD ROSCA	Part n° Referencia	€
1/8" BSP	Z STOPFEN 1/8	6,42
1/4" BSP	Z STOPFEN 1/4	7,12
3/8" BSP	Z STOPFEN 3/8	8,24
1/2" BSP	Z STOPFEN 1/2	10,65
3/4" BSP	Z STOPFEN 3/4	15,01
1" BSP	Z STOPFEN 1	23,44
1 1/4" BSP	Z STOPFEN 1 1/4	42,79
1 1/2" BSP	Z STOPFEN 1 1/2	48,15

Blanking plug with captive seal Metric cylindrical

Tapón de cierre Allen rosca Métrica con junta

Verschlussverschraubung Allen mit Dichtung Metr.

Raccord bouchon Allen Métrique avec joint plat



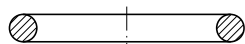
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
14	M10X1	Z STOPFEN M 10X1	7,18
17	M12X1.5	Z STOPFEN M 12X1,5	8,03
19	M14X1.5	Z STOPFEN M 14X1,5	7,69
22	M16X1.5	Z STOPFEN M 16X1,5	9,05
24	M18X1.5	Z STOPFEN M 18X1,5	10,26
26	M20X1.5	Z STOPFEN M 20X1,5	16,26
27	M22X1.5	Z STOPFEN M 22X1,5	18,45
32	M26X1.5	Z STOPFEN M 26X1,5	29,88
32	M27X2	Z STOPFEN M 27X2	26,76
40	M33X2	Z STOPFEN M 33X2	36,75
50	M42X2	Z STOPFEN M 42X2	43,67
55	M48X2	Z STOPFEN M 48X2	76,62

Green FKM o-ring

Juntas tóricas FKM verde

O-Ring FKM grün - DOZ FKM

Joint torique en FKM vert



PIPE TUBO	Part n° Referencia	€
6	JVT06	0,80
8	JVT08	0,86
10	JVT10	0,94
12	JVT12	0,98
14	JVT14	1,07
15-16	JVT15	1,05
18	JVT18	1,24
20	JVT20	1,24
22	JVT22	1,33
25	JVT25	1,38
28	JVT28	1,44
30	JVT30	1,54
35	JVT35	2,13
38	JVT38	2,20
42	JVT42	2,40

Green FKM captive seal

Juntas planas FKM verde

Dichtring flach FKM grün- DOZ FKM KL

Joint plat en FKM vert



THREAD ROSCA	Part n° Referencia	€
1/8" BSP - M10x1	JVBSP02	3,07
M12x1.5	JVM12	3,07
1/4" BSP - M14x1.5	JVBSP04	3,01
M16x1.5	JVM16	3,07
3/8" BSP	JVBSP06	3,07
M18x1.5	JVM18	3,20
M20x1.5	JVM20	3,20
1/2" BSP	JVBSP08	3,21
M22x1.5	JVM22	3,28
3/4" BSP - M26x1.5	JVBSP12	3,27
1" BSP - M33x2	JVBSP16	3,41
1 1/4" BSP - M42x2	JVBSP20	5,21
1 1/2" BSP - M48x2	JVBSP24	5,61
2" BSP	JVBSP32	17,16

DIN 2353 Pipe fittings

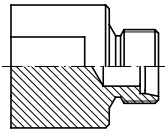
Racores DIN 2353
Verschraubungen Din 2353
Raccords à bague DIN 2353

Tool

Vomo

Werkzeug

Outil



PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
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	*
38	S	52x2.0	Z VOMO S 38	*

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

Grease

Grasa

Fett

Graisse



DESCRIPTION DESCRIPCIÓN	Part n° Referencia	€
Grease	GR ASW120	62,75

DIN 2353 Pipe fittings

Racores DIN 2353

Verschraubungen Din 2353

Raccords à bague DIN 2353

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

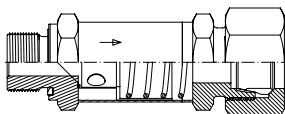
Trile LOK

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



PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
6	L	M 1/8" BSP	Z RHVL 6 R 1/8	*
8	L	M 1/4" BSP	Z RHVL 8 R 1/4	*
10	L	M 1/4" BSP	Z RHVL 10 R 1/4	*
12	L	M 3/8" BSP	Z RHVL 12 R 3/8	*
15	L	M 1/2" BSP	Z RHVL 15 R 1/2	*
18	L	M 1/2" BSP	Z RHVL 18 R 1/2	*
22	L	M 3/4" BSP	Z RHVL 22 R 3/4	*
28	L	M 1" BSP	Z RHVL 28 R 1	*
35	L	M 1 1/4" BSP	Z RHVL 35 R 1 1/4	*
42	L	M 1 1/2" BSP	Z RHVL 42 R 1 1/2	*
6	S	M 1/4" BSP	Z RHVS 6 R 1/4	*
8	S	M 1/4" BSP	Z RHVS 8 R 1/4	*
10	S	M 3/8" BSP	Z RHVS 10 R 3/8	*
12	S	M 3/8" BSP	Z RHVS 12 R 3/8	*
14	S	M 1/2" BSP	Z RHVS 14 R 1/2	*
16	S	M 1/2" BSP	Z RHVS 16 R 1/2	*
20	S	M 3/4" BSP	Z RHVS 20 R 3/4	*
25	S	M 1" BSP	Z RHVS 25 R 1	*
30	S	M 1 1/4" BSP	Z RHVS 30 R 1 1/4	*
38	S	M 1 1/2" BSP	Z RHVS 38 R 1 1/2	*

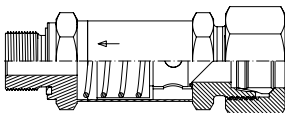
Setting 1 bar. For other standard spring pressures, consult us. / Taraje 1 bar. Para otras presiones de tarado estandar, consultar. / Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns für andere Standard-Drucke. / Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.

Non-return valve flow towards male stud end BSP cylindrical

Válvula antirretorno tubo-rosca BSP

Rückschlagventil einseitig sperrend BSP Rohr Stecker (m)

Clapet anti-rétour unidirectionnel à droite tube-mâle



PIPE TUBO	SERIE	THREAD ROSCA	Part nº Referencia	€
6	L	M 1/8" BSP	Z RHZL 6 R 1/8	*
8	L	M 1/4" BSP	Z RHZL 8 R 1/4	*
10	L	M 1/4" BSP	Z RHZL 10 R 1/4	*
12	L	M 3/8" BSP	Z RHZL 12 R 3/8	*
15	L	M 1/2" BSP	Z RHZL 15 R 1/2	*
18	L	M 1/2" BSP	Z RHZL 18 R 1/2	*
22	L	M 3/4" BSP	Z RHZL 22 R 3/4	*
28	L	M 1" BSP	Z RHZL 28 R 1	*
35	L	M 1 1/4" BSP	Z RHZL 35 R 1 1/4	*
42	L	M 1 1/2" BSP	Z RHZL 42 R 1 1/2	*
6	S	M 1/4" BSP	Z RHZS 6 R 1/4	*
8	S	M 1/4" BSP	Z RHZS 8 R 1/4	*
10	S	M 3/8" BSP	Z RHZS 10 R 3/8	*
12	S	M 3/8" BSP	Z RHZS 12 R 3/8	*
14	S	M 1/2" BSP	Z RHZS 14 R 1/2	*
16	S	M 1/2" BSP	Z RHZS 16 R 1/2	*
20	S	M 3/4" BSP	Z RHZS 20 R 3/4	*
25	S	M 1" BSP	Z RHZS 25 R 1	*
30	S	M 1 1/4" BSP	Z RHZS 30 R 1 1/4	*
38	S	M 1 1/2" BSP	Z RHZS 38 R 1 1/2	*

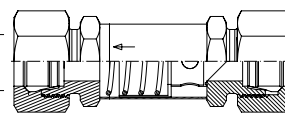
Setting 1 bar. For other standard spring pressures, consult us. / Taraje 1 bar. Para otras presiones de tarado estandar, consultar. / Einstellung-Druck 1 bar. Bitte kontaktieren Sie uns für andere Standard-Drucke. / Tarage 1 bar. Pour d'autres pressions ressort standard, consultez-nous.

Non-return valve tube-tube

Válvula antirretorno tubo-tubo

Rückschlagventil beidseitiger Rohranschluss

Clapet anti-rétour bidirectionnel tube-tube



PIPE TUBO	SERIE	Part nº Referencia	€
6	L	Z RHDL 6	38,46
8	L	Z RHDL 8	54,26
10	L	Z RHDL 10	48,37
12	L	Z RHDL 12	57,69
15	L	Z RHDL 15	67,44
18	L	Z RHDL 18	94,87
22	L	Z RHDL 22	127,44
28	L	Z RHDL 28	219,22
35	L	Z RHDL 35	*
42	L	Z RHDL 42	*
6	S	Z RHDS 6	38,73
8	S	Z RHDS 8	41,11
10	S	Z RHDS 10	50,25
12	S	Z RHDS 12	58,58
14	S	Z RHDS 14	73,48
16	S	Z RHDS 16	86,12
20	S	Z RHDS 20	113,88
25	S	Z RHDS 25	184,84
30	S	Z RHDS 30	300,86
38	S	Z RHDS 38	*

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

Mejoramos precios de la
válvula antirretorno tubo-tubo

Non-return valve tube-tube
improved price

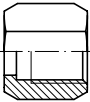
Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Nut JIC 37°

Tuercas JIC 37°

Muttern JIC 37° - M JIC



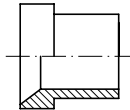
Écrou JIC 37°

PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16" 20h UNF	ZS11006	4,79
8	5/16	1/2" 20h UNF	ZS11008	4,53
10	3/8	9/16" 18h UNF	ZS11010	5,05
12	1/2	3/4" 16h UNF	ZS11012	5,16
14-15-16	5/8	7/8" 14h UNF	ZS11016	6,54
18-20	-	1"1/16 12h UN	ZS11020	10,02
-	3/4	1"1/16 12h UNF	ZS11020W	18,68
25	1	1"5/16 12h UN	ZS11025	19,57
30-32	1 1/4	1"5/8 12h UN	ZS11032	26,64
38	1 1/2	1"7/8 12h UN	ZS11038	49,32

Metric tube sleeves JIC 37°

Ferulas JIC 37° (tubo Métrico)

Druckring (Stützring) metr.



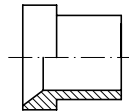
Ferrules JIC 37° pour tube Métrique

PIPE TUBO	Part nº Referencia	€
6	ZS12006	2,75
8	ZS12008	2,97
10	ZS12010	3,65
12	ZS12012	3,75
14	ZS12014	6,33
15	ZS12015	6,33
16	ZS12016	6,09
18	ZS12018	7,73
20	ZS12020	7,43
25	ZS12025	11,71
30	ZS12030	15,12
32	ZS12032	16,46
38	ZS12038	25,72

Tube sleeves Gas JIC 37°

Ferulas JIC 37° (tubo Gas)

Druckring (Stützring) GAS



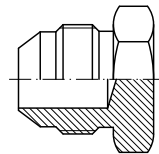
Ferrules JIC 37° pour tube Gaz

PIPE TUBO	Part nº Referencia	€
1/4"	ZS12104	3,52
5/16"	ZS12105	3,87
3/8"	ZS12106	4,58
1/2"	ZS12108	5,06
5/8"	ZS12110	5,41
3/4"	ZS12112	7,73
1"	ZS12116	18,11
1"1/4	ZS12120	22,99
1"1/2	ZS12124	32,35
2"	ZS12132	44,79

Plug male JIC 37°

Tapón macho JIC 37°

Verschlussstopfen JIC 37°



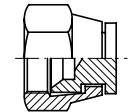
Bouchon mâle JIC 37°

PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16" 20h UNF	ZS14006	7,55
8	5/16	1/2" 20h UNF	ZS14008	7,62
10	3/8	9/16" 18h UNF	ZS14010	10,79
12	1/2	3/4" 16h UNF	ZS14012	13,18
14-15-16	5/8	7/8" 14h UNF	ZS14016	15,35
18-20	3/4	1"1/16 12h UN	ZS14020	20,40
25	1	1"5/16 12h UN	ZS14025	27,07
30-32	1 1/4	1"5/8 12h UN	ZS14032	46,38
38	1 1/2	1"7/8 12h UN	ZS14038	69,14

Plug female JIC 37°

Tapón hembra giratoria JIC 37°

Verschlussmutter JIC 37°



Bouchon femelle JIC 37°

PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16"-20h UNF	ZS13006	13,28
8	5/16	1/2"-20h UNF	ZS13008	15,34
10	3/8	9/16"-18h UNF	ZS13010	14,30
12	1/2	3/4"-16h UNF	ZS13012	17,90
14-15-16	5/8	7/8"-14h UNF	ZS13016	16,94
18-20	3/4	1"1/16-12h UN	ZS13020	24,34
25	1	1"5/16-12h UN	ZS13025	43,19
30-32	1 1/4	1"5/8-12h UN	ZS13032	60,46
38	1 1/2	1"7/8-12h UN	ZS13038	78,38

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adpteurs JIC 37°

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

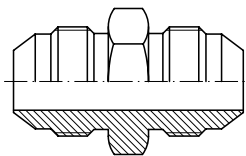
Trile LOK

Straight union JIC 37°

Racor macho-macho JIC 37°

Gerade Verschraubung AGJ-AGJ

Adpteur droit mâle JIC 37°



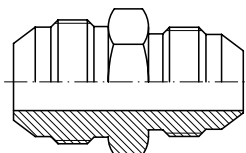
PIPE TUBO		THREAD ROSCA	Part n° Referencia	€
6	1/4	7/16" 20h UNF	ZS26006	12,74
8	5/16	1/2" 20h UNF	ZS26008	12,03
10	3/8	9/16" 18h UNF	ZS26010	14,63
12	1/2	3/4" 16h UNF	ZS26012	16,60
14-15-16	5/8	7/8" 14h UNF	ZS26016	20,32
18-20	3/4	1"1/16 12h UN	ZS26020	23,64
25	1	1"5/16 12h UN	ZS26025	32,16
30-32	1 1/4	1"5/8 12h UN	ZS26032	46,01
38	1 1/2	1"7/8 12h UN	ZS26038	69,12

Reducer adaptor male JIC 37°

Racor reducción macho-macho JIC 37°

Reduzieranschlüsse m - m JIC 37°

Adpteur réduction mâle JIC 37°



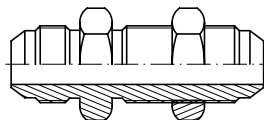
T.		THREAD ROSCA		Part n° Referencia	€
8 5/16	6 1/4	1/2" 20h UNF	7/16" 20h UNF	ZS2600806	14,44
10 5/16	6 1/4	9/16" 20h UNF	7/16" 20h UNF	ZS2601006	18,29
10 3/8	8 5/16	9/16" 20h UNF	1/2" 20h UNF	ZS2601008	17,56
12 1/2	10 3/8	3/4" 20h UNF	9/16" 20h UNF	ZS2601210	19,92
14-15-16 5/8	12 1/2	7/8" 20h UNF	3/4" 20h UNF	ZS2601612	24,38
18-20 3/4	14-15-16 5/8	1"1/16 20h UNF	7/8" 20h UNF	ZS2602016	28,37
25 1	18-20 3/4	1"5/16 20h UNF	1"1/16 20h UNF	ZS2602520	38,59
30-32 1 1/4	25 1	1"5/8 20h UNF	1"5/16 20h UNF	ZS2603225	55,21
38 1 1/2	30-32 1 1/4	1"7/8 20h UNF	1"5/8 20h UNF	ZS2603832	82,94

Straight bulkhead fitting JIC 37°

Racor pasatabiques JIC 37°

Schottverschraubung - SV JIC 37°

Union passe cloison droite mâle JIC 37° équipé



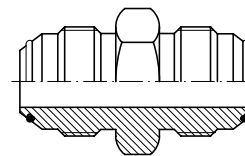
PIPE TUBO		THREAD ROSCA	Part n° Referencia	€
6	1/4	7/16" 20h UNF	ZS25006	21,80
8	5/16	1/2" 20h UNF	ZS25008	23,68
10	3/8	9/16" 18h UNF	ZS25010	23,02
12	1/2	3/4" 16h UNF	ZS25012	28,22
14-15-16	5/8	7/8" 14h UNF	ZS25016	34,48
18-20	3/4	1"1/16 12h UN	ZS25020	48,22
25	1	1"5/16 12h UN	ZS25025	67,65
30-32	1 1/4	1"5/8 12h UN	ZS25032	115,56
38	1 1/2	1"7/8 12h UN	ZS25038	129,95

Straight union JIC 37° with o'ring

Racor macho-macho JIC 37° con junta

Gerade Verschraubung AGJ-AGJ mit Dichtung

Adpteur droit mâle JIC 37° avec o'ring



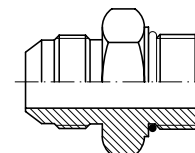
PIPE TUBO		THREAD ROSCA	Part n° Referencia	€
6	1/4	7/16" 20h UNF	ZS26006OR	16,38
8	5/16	1/2" 20h UNF	ZS26008OR	13,35
10	3/8	9/16" 18h UNF	ZS26010OR	17,58
12	1/2	3/4" 16h UNF	ZS26012OR	22,05
14-15-16	5/8	7/8" 14h UNF	ZS26016OR	26,89
18-20	3/4	1"1/16 12h UN	ZS26020OR	42,58
25	1	1"5/16 12h UN	ZS26025OR	52,04
30-32	1 1/4	1"5/8 12h UN	ZS26032OR	81,67
38	1 1/2	1"7/8 12h UN	ZS26038OR	120,62

Metric adaptor male - male JIC 37°

Racor macho JIC 37° - macho Métrico

Gerade Einschraubversch. JIC 37° - AG metr.

Adpteur mâle JIC 37° - mâle Métrique



PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
6	1/4	M10x1	7/16" 20h UNF	ZS2400610	18,82
8	5/16	M10x1	1/2" 20h UNF	ZS2400810 *	17,36
8	5/16	M12x1.5	1/2" 20h UNF	ZS2400812	17,14
8	5/16	M14x1.5	1/2" 20h UNF	ZS2400814 *	14,34
10	3/8	M12x1.5	9/16" 18h UNF	ZS2401012	20,01
10	3/8	M14x1.5	9/16" 18h UNF	ZS2401014	24,39
10	3/8	M16x1.5	9/16" 18h UNF	ZS2401016	20,43
12	1/2	M14x1.5	3/4" 16h UNF	ZS2401214	23,96
12	1/2	M16x1.5	3/4" 16h UNF	ZS2401216	20,79
12	1/2	M18x1.5	3/4" 16h UNF	ZS2401218	21,29
14-15-16	5/8	M18x1.5	7/8" 14h UNF	ZS2401418	40,35
14-15-16	5/8	M27x2	7/8" 14h UNF	ZS2401427 *	23,02
14-15-16	5/8	M22x1.5	7/8" 14h UNF	ZS2401622	42,46
18-20	3/4	M22x1.5	1"1/16 12h UN	ZS2402022	42,46
18-20	3/4	M27X2	1"1/16 12h UN	ZS2402027	43,75
25	1	M27x2	1"5/16 12h UNF	ZS2402527 *	51,02
25	1	M33x2	1"5/16 12h UN	ZS2402533	54,59
30-32	1 1/4	M42x2	1"5/8 12h UN	ZS2403242	88,66
38	1 1/2	M50x2	1"7/8 12h UN	ZS2403850	129,35

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

Flare fittings JIC 37°

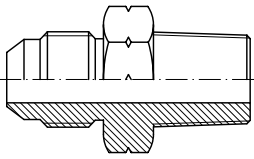
Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

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)



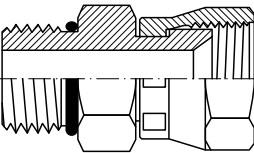
PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	7/16" 20h UNF	1/8" NPT	ZS2000610	13,57
6	1/4	7/16" 20h UNF	1/4" NPT	ZS2000613	9,65
8	5/16	1/2" 20h UNF	1/8" NPT	ZS2000810	9,40
8	5/16	1/2" 20h UNF	1/4" NPT	ZS2000813	12,63
8	5/16	1/2" 20h UNF	3/8" NPT	ZS2000817	13,47
10	3/8	9/16" 18h UNF	1/8" NPT	ZS2001010	14,80
10	3/8	9/16" 18h UNF	1/4" NPT	ZS2001013	10,84
10	3/8	9/16" 18h UNF	3/8" NPT	ZS2001017	12,42
10	3/8	9/16" 18h UNF	1/2" NPT	ZS2001021	20,29
12	1/2"	3/4" 20h UNF	1/4" NPT	ZS2001213	15,92
12	1/2	3/4" 16h UNF	3/8" NPT	ZS2001217	15,99
12	1/2	3/4" 16h UNF	1/2" NPT	ZS2001221	16,62
12	1/2	3/4" 16h UNF	3/4" NPT	ZS2001226	21,74
14-15-16	5/8	7/8" 14h UNF	1/2" NPT	ZS2001621	23,45
14-15-16	5/8	7/8" 14h UNF	3/4" NPT	ZS2001626	21,69
18-20	3/4	1"1/16 12h UN	1/2" NPT	ZS2002021	25,32
18-20	3/4	1"1/16 12h UN	3/4" NPT	ZS2002026	27,69
18-20	3/4	1"1/16 12h UN	1" NPT	ZS2002033	32,79
25	1	1"5/16 12h UN	3/4" NPT	ZS2002526	35,28
25	1	1"5/16 12h UN	1" NPT	ZS2002533	34,34
30-32	1	1"5/16 12h UN	1" 1/4 NPT	ZS2002542	71,94
30-32	1 1/4	1"5/8 12h UN	1" NPT	ZS2003233	69,31
30-32	1 1/4	1"5/8 12h UN	1 1/4" NPT	ZS2003242	60,40
38	1 1/2	1"7/8 12h UN	1 1/4" NPT	ZS2003842	70,84
38	1 1/2	1"7/8 12h UN	1 1/2" NPT	ZS2003848	68,43

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



PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	F 7/16" 20h UNF	M 7/16" 20h UNF	ZS38006	*
10	3/8	F 9/16" 18h UNF	M 9/16" 18h UNF	ZS38010	*
12	1/2	F 3/4" 16h UNF	M 3/4" 16h UNF	ZS38012	*
14-15-16	5/8	F 7/8" 14h UNF	M 7/8" 14h UNF	ZS38016	*
18-20	3/4	F 1"1/16 12h UN	M 1"1/16 12h UN	ZS38020	*
25	1	F 1"5/16 12h UN	M 1"5/16 12h UN	ZS38025	*

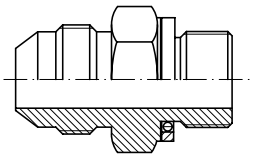
*See prices in p.162 (O'RING BOSS ADAPTORS) / *Ver precios en p.162 (ADAPTADORES O'RING BOSS) / *Vgl. Sie die Preise auf S.162 (ADAPTER O'RING BOSS) / *Prix à la p.162 (ADAPTEURS O'RING BOSS)

Straight adaptor male JIC 37° - male BSP

Racor macho JIC 37° - macho BSP

Gerade Einschraubverschr. AGJ-AGR

Adapteur mâle JIC 37° - mâle BSP équipée



PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	7/16" 20h UNF	1/8" BSP	ZS2300610	10,97
6	1/4	7/16" 20h UNF	1/4" BSP	ZS2300613	11,29
6	1/4	7/16" 20h UNF	3/8" BSP	ZS2300617	19,51
6	1/4	7/16" 20h UNF	1/2" BSP	ZS2300621	39,25
8	5/16	1/2" 20h UNF	1/4" BSP	ZS2300813	19,53
8	5/16	1/2" 20h UNF	3/8" BSP	ZS2300817	18,37
10	3/8	9/16" 18h UNF	1/4" BSP	ZS2301013	12,71
10	3/8	9/16" 18h UNF	3/8" BSP	ZS2301017	13,77
10	3/8	9/16" 18h UNF	1/2" BSP	ZS2301021	19,83
12	1/2	3/4" 16h UNF	1/4" BSP	ZS2301213	17,99
12	1/2	3/4" 16h UNF	3/8" BSP	ZS2301217	16,78
12	1/2	3/4" 16h UNF	1/2" BSP	ZS2301221	16,65
12	1/2	3/4" 16h UNF	3/4" BSP	ZS2301226	31,59
14-15-16	5/8	7/8" 14h UNF	3/8" BSP	ZS2301617	23,26
14-15-16	5/8	7/8" 14h UNF	1/2" BSP	ZS2301621	21,01
18-20	3/4	1"1/16 12h UN	1/2" BSP	ZS2302021	27,32
18-20	3/4	1"1/16 12h UN	3/4" BSP	ZS2302026	25,70
18-20	3/4	1"1/16 12h UN	1" BSP	ZS2302033	49,86
25	1	1"5/16 12h UN	1/2" BSP	ZS2302521 *	36,51
25	1	1"5/16 12h UN	3/4" BSP	ZS2302526	34,72
25	1	1"5/16 12h UN	1" BSP	ZS2302533	45,43
25	1	1"5/16 12h UN	1"1/4 BSP	ZS2302542	68,91
30-32	1 1/4	1"5/8 12h UN	1"1/4 BSP	ZS2303242	73,26
38	1 1/2	1"7/8 12h UN	1"1/4 BSP	ZS2303842	90,55
38	1 1/2	1"7/8 12h UN	1"1/2 BSP	ZS2303848	108,22
38	1 1/2	1"7/8 12h UN	2" BSP	ZS2303860	155,20

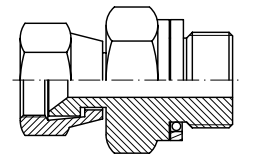
*Until end of stock. / *Hasta fin de existencias. / *Bis zum Ende des Lagerbestandes / *Jusqu'à la fin du stock.

Straight adaptor male BSP - swivel female JIC 37°

Racor macho BSP - hembra giratoria JIC 37°

Adapteur DKJ-AGR

Adapteur mâle BSP - femelle tournante JIC 37°



T.		THREAD ROSCA		Part nº Referencia	€
6	1/4	M 1/8" BSP	F 7/16" 20h UNF	ZS1800610	21,44
8	5/16	M 1/4" BSP	F 1/2" 20h UNF	ZS1800813	19,22
10	3/8	M 1/4" BSP	F 9/16" 18h UNF	ZS1801013	16,65
10	3/8	M 3/8" BSP	F 9/16" 18h UNF	ZS1801017	20,65
10	3/8	M 1/2" BSP	F 9/16" 18h UNF	ZS1801021	23,46
12	1/2	M 3/8" BSP	F 3/4" 16h UNF	ZS1801217	22,21
14-15-16	5/8	M 1/2" BSP	F 7/8" 14h UNF	ZS1801621	27,24
18-20	3/4	M 3/4" BSP	F 1"1/16 12h UNF	ZS1802026	39,71
25	1	M 1" BSP	F 1"5/16 12h UNF	ZS1802533	63,87
30-32	1 1/4	M 1"1/4 BSP	F 1"5/8 12h UNF	ZS1803242	108,34
38	1 1/2	M 1"1/2 BSP	F 1"7/8 12h UNF	ZS1803848	157,78

Flare fittings JIC 37°

Racores JIC 37°

JIC - Verbindungen

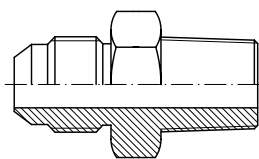
Adpteurs JIC 37°

Straight adaptor male JIC 37° - male BSPT

Racor macho JIC 37° - macho BSPT

Gerade Einschraubverschr. AGJ-AGR KEGEL

Adpteur mâle JIC 37° - mâle BSPT



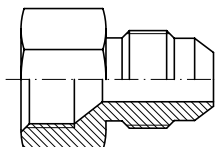
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
6	1/4	7/16" 20h UNF 1/8" BSPT	ZS2100610 13,36
6	1/4	7/16" 20h UNF 1/4" BSPT	ZS2100613 10,66
8	5/16	1/2" 20h UNF 1/8" BSPT	ZS2100810 13,24
8	5/16	1/2" 20h UNF 1/4" BSPT	ZS2100813 14,70
8	5/16	1/2" 20h UNF 3/8" BSPT	ZS2100817 13,55
10	3/8	9/16" 18h UNF 1/4" BSPT	ZS2101013 14,50
10	3/8	9/16" 18h UNF 3/8" BSPT	ZS2101017 15,08
10	3/8	9/16" 18h UNF 1/2" BSPT	ZS2101021 20,68
12	1/2	3/4" 16h UNF 1/4" BSPT	ZS2101213 17,12
12	1/2	3/4" 16h UNF 3/8" BSPT	ZS2101217 17,16
12	1/2	3/4" 16h UNF 1/2" BSPT	ZS2101221 16,58
12	1/2	3/4" 12h UNF 3/8" BSPT	ZS2101226 22,56
14-15-16	5/8	7/8" 14h UNF 3/8" BSPT	ZS2101617 22,85
14-15-16	5/8	7/8" 14h UNF 1/2" BSPT	ZS2101621 19,78
14-15-16	5/8	7/8" 14h UNF 3/4" BSPT	ZS2101626 25,69
18-20	3/4	1" 1/16 12h UN 1/2" BSPT	ZS2102021 23,50
18-20	3/4	1" 1/16 12h UN 3/4" BSPT	ZS2102026 27,46
18-20	3/4	1" 1/16 12h UN 1" BSPT	ZS2102033 36,92
25	1	1" 5/16 12h UN 3/4" BSPT	ZS2102526 35,99
25	1	1" 5/16 12h UN 1" BSPT	ZS2102533 35,73
30-32	1 1/4	1" 5/8 12h UN 1" BSPT	ZS2103233 55,07
30-32	1 1/4	1" 5/8 12h UN 1 1/4" BSPT	ZS2103242 60,47
38	1 1/2	1" 7/8 12h UN 1 1/2" BSPT	ZS2103848 78,94

Straight adaptor male JIC 37° - fixed female NPT

Racor macho JIC 37° - hembra fija NPT

Gerade Einschraubverschr. m JIC 37° - w fest NPT

Adpteur mâle JIC 37° - femelle fixe NPT



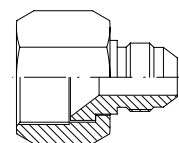
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
6	1/4	M 7/16"-20h UN F 1/8 NPT	ZS2950610 15,94
6	1/4	M 7/16"-20h UN F 1/4 NPT	ZS2950613 22,06
8	5/16	M 1/2"-20h UN F 1/4" NPT	ZS2950813 26,32
8	5/16	M 1/2"-20h UN F 3/8 NPT	ZS2950817 *
10	3/8	M 9/16"-20h UN F 1/4 NPT	ZS2951013 *
10	3/8	M 9/16"-18h UN F 3/8" NPT	ZS2951017 31,58
12	1/2	M 3/4"-20h UN F 1/4 NPT	ZS2951213 *
12	1/2	M 3/4"-16h UN F 3/8" NPT	ZS2951217 22,66
12	1/2	M 3/4"-16h UN F 1/2" NPT	ZS2951221 32,64
14-15-16	5/8	M 7/8"-14h UN F 1/2" NPT	ZS2951621 35,32
18-20	3/4	M 1" 1/16-12h UN F 3/4" NPT	ZS2952026 41,39
18-20	3/4	M 1" 1/16"-20h UN F 1" NPT	ZS2952033 *
25	1	M 1" 5/16-12 UN F 1" NPT	ZS2952533 56,85
25	1	M 1" 5/16-12 UN F 1" 1/4 NPT	ZS2952542 *

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°

Adpteur réduction mâle JIC 37° - femelle tournante JIC 37°



T.	THREAD ROSCA	Part n° Referencia	€
F 6	M 8	F 7/16" 20h UNF M 1/2" 20h UNF	ZS2900608 14,85
F 6	M 12	F 7/16" 20h UNF M 3/4" 16h UNF	ZS2900612 *
F 8	M 14-15-16	F 1/2" 20h UNF M 7/8" 14h UNF	ZS2900816 *
F 8	M 18-20	F 1/2" 20h UNF M 1" 1/16 12h UN	ZS2900820 *
F 8	M 25	F 1/2" 20h UNF M 1" 5/16 12h UN	ZS2900825 *
F 10	M 6	F 9/16" 18h UNF M 7/16" 20h UNF	ZS2901006 16,95
F 10	M 8	F 9/16" 18h UNF M 1/2" 20h UNF	ZS2901008 * 24,74
F 10	M 14-15-16	F 9/16" 18h UNF M 7/8" 14h UNF	ZS2901016 29,22
F 10	M 25	F 9/16" 18h UNF M 1" 5/16 12h UN	ZS2901025 *
F 12	M 6	F 3/4" 16h UNF M 7/16" 20h UNF	ZS2901206 19,05
F 12	M 8	F 3/4" 16h UNF M 1/2" 20h UNF	ZS2901208 19,39
F 12	M 10	F 3/4" 16h UNF M 9/16" 18h UNF	ZS2901210 20,23
F 12	M 25	F 3/4" 16h UNF M 1" 5/16 12h UN	ZS2901225 43,71
F 12	M 30-32	F 3/4" 16h UNF M 1" 5/8 12h UN	ZS2901232 *
F 12	M 38	F 3/4" 16h UNF M 1" 7/8 12h UN	ZS2901238 *
F 14-15-16	M 6	F 7/8" 14h UNF M 7/16" 20h UNF	ZS2901606 22,63
F 14-15-16	M 10	F 7/8" 14h UNF M 9/16" 18h UNF	ZS2901610 25,41
F 14-15-16	M 12	F 7/8" 14h UNF M 3/4" 16h UNF	ZS2901612 * 26,74
F 14-15-16	M 18-20	F 7/8" 14h UNF M 1" 1/16 12h UN	ZS2901620 35,83
F 14-15-16	M 25	F 7/8" 14h UNF M 1" 5/16 12h UN	ZS2901625 *
F 14-15-16	M 30-32	F 7/8" 14h UNF M 1" 5/8 12h UN	ZS2901632 *
F 14-15-16	M 38	F 7/8" 14h UNF M 1" 7/8 12h UN	ZS2901638 *
F 18-20	M 6	F 1" 1/16 12h UN M 7/16" 20h UNF	ZS2902006 34,52
F 18-20	M 10	F 1" 1/16 12h UN M 9/16" 18h UNF	ZS2902010 30,93
F 18-20	M 12	F 1" 1/16 12h UN M 3/4" 16h UNF	ZS2902012 29,24
F 18-20	M 30-32	F 1" 1/16 12h UN M 1" 5/8 12h UN	ZS2902032 51,13
F 25	M 18-20	F 1" 5/16 12h UN M 1" 1/16 12h UN	ZS2902520 52,08
F 25	M 38	F 1" 5/16 12h UN M 1" 7/8 12h UN	ZS2902538 73,86
F 30-32	M 18-20	F 1" 5/8 12h UN M 1" 1/16 12h UN	ZS2903020 64,08
F 30-32	M 25	F 1" 5/8 12h UN M 1" 5/16 12h UN	ZS2903225 66,21
F 38	30-32	F 1" 7/8 12h UN M 1" 5/8 12h UN	ZS2903832 128,81

* Fixed female; material could be delivered with loose or crimped nut / *Hembra fija; Pueden ser suministradas con tuerca libre o prensada / * Mutter feststehend / * Femelle fixe, peut être livrée avec écrou libre ou pré-serti

Flare fittings JIC 37°

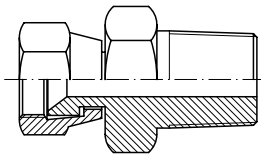
Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

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



THREAD ROSCA		Part nº Referencia	€
7/16"-20h UNF	1/4" NPT	ZS1850613	20,76
9/16"-18h UNF	3/8" NPT	ZS1851017	21,54
3/4"-16h UNF	3/8" NPT	ZS1851217	24,45
3/4"-16h UNF	1/2" NPT	ZS1851221	29,42
7/8"-14h UNF	1/2" NPT	ZS1851621	27,50
1"1/16-12h UNF	3/4" NPT	ZS1852026	37,18
1"5/16-12h UNF	1" NPT	ZS1852533	65,75

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



THREAD ROSCA	Part nº Referencia	€
M10x1	JVMET10	0,23
M12x1.5	JVMET12	0,31
M14x1.5	JVMET14	0,31
M16x1.5	JVMET16	0,36
M18x1.5	JVMET18	0,44
M22x1.5	JVMET22	0,52
M27x2	JVMET27	0,68
M33x2	JVMET33	1,64
M42x2	JVMET42	3,11
M50x2	JVMET50	1,44

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



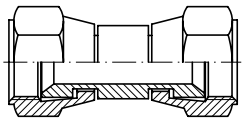
THREAD ROSCA	Part nº Referencia	€
7/16" UNF	JVUNF06	0,34
1/2" UNF	JVUNF08	0,58
9/16" UNF	JVUNF10	0,74
3/4" UNF	JVUNF12	0,83
7/8" UNF	JVUNF16	1,08
1" 1/16 UNF	JVUNF20	1,26
1"5/16 UNF	JVUNF25	3,03
1" 5/8 UNF	JVUNF32	4,05
1" 7/8 UNF	JVUNF38	3,92

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°



PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4"	7/16" 20h UNF	ZS73006	20,02
8	5/16"	1/2" 20h UNF	ZS73008	21,90
10	3/8"	9/16" 18h UNF	ZS73010	21,73
12	1/2"	3/4" 16h UNF	ZS73012	23,06
14-15-16	5/8"	7/8" 14h UNF	ZS73016	31,50
18-20	3/4"	1"1/16 12h UN	ZS73020	46,70
25	1"	1"5/16 12h UN	ZS73025	65,60
32	1"1/4	1"5/8 12h UN	ZS73032	119,84
38	1"1/2	1"7/8 12h UN	ZS73038	139,72

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



THREAD ROSCA	Part nº Referencia	€
1/8" BSP	JVMBSP02	0,26
1/4" BSP	JVMBSP04	0,35
3/8" BSP	JVMBSP06	0,44
1/2" BSP	JVMBSP08	0,56
3/4" BSP	JVMBSP12	0,68
1" BSP	JVMBSP16	1,50
1"1/4 BSP	JVMBSP20	1,89
1"1/2 BSP	JVMBSP24	2,13
2" BSP	JVMBSP32	3,16

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



THREAD ROSCA	Part nº Referencia	€
7/16" 20h UNF	JTVJIC07	0,17
9/16" 18h UNF	JTVJIC09	0,17
3/4" 16h UNF	JTVJIC12	0,21
1"1/16 12h UNF	JTVJIC17	0,28
1" 5/16 12h UN	JTVJIC21	0,27
1"5/8 12h UNF	JTVJIC26	0,33

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

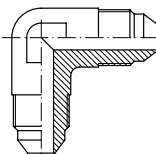
Trailer LOK

90° Elbow male - male JIC 37°

Codo 90° macho - macho JIC 37°

90° Winkel AGJ-AGJ

Coude 90° mâle - mâle JIC 37°



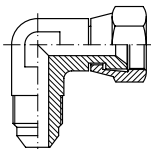
PIPE TUBO		THREAD ROSCA	Part n° Referencia	€
6	1/4"	7/16" 20h UNF	ZS50006	26,23
8	5/16"	1/2" 20h UNF	ZS50008	28,43
10	3/8"	9/16" 18h UNF	ZS50010	25,30
12	1/2"	3/4" 16h UNF	ZS50012	44,51
14-15-16	5/8"	7/8" 14h UNF	ZS50016	68,42
18-20	3/4"	1" 1/16 12h UN	ZS50020	65,86
25	1"	1" 5/16 12h UN	ZS50025	90,68
30-32	1" 1/4	1" 5/8 12h UN	ZS50032	115,50
38	1" 1/2	1" 7/8 12h UN	ZS50038	199,39

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°



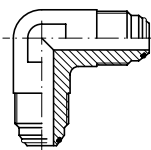
T.		THREAD ROSCA		Part n° Referencia	€
6	1/4"	M 7/16" 20h UNF	F 7/16" 20h UNF	ZS67506	31,66
8	5/16"	M 1/2" 20h UNF	F 1/2" 20h UNF	ZS67508	32,12
10	3/8"	M 9/16" 18h UNF	F 9/16" 18h UNF	ZS67510	30,56
12	1/2"	M 3/4" 16h UNF	F 3/4" 16h UNF	ZS67512	42,85
14-15-16	5/8"	M 7/8" 14h UNF	F 7/8" 14h UNF	ZS67516	55,25
18-20	3/4"	M 1" 1/16 12h UNF	F 1" 1/16 12h UNF	ZS67520	69,70
25	1"	M 1" 5/16 12h UNF	F 1" 5/16 12h UNF	ZS67525	114,89
30-32	1" 1/4	M 1" 5/8 12h UNF	F 1" 5/8 12h UNF	ZS67532	148,36
38	1" 1/2	M 1" 7/8 12h UNF	F 1" 7/8 12h UNF	ZS67538	216,38

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



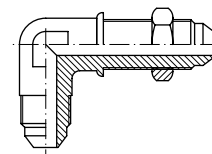
PIPE TUBO		THREAD ROSCA	Part n° Referencia	€
6	1/4	7/16" 20h UNF	ZS50006OR	34,91
8	5/16	1/2" 20h UNF	ZS50008OR	38,07
10	3/8	9/16" 18h UNF	ZS50010OR	38,30
12	1/2	3/4" 16h UNF	ZS50012OR	47,85
14-15-16	5/8	7/8" 14h UNF	ZS50016OR	67,80
18-20	3/4	1" 1/16 12h UN	ZS50020OR	91,28
25	1	1" 5/16 12h UN	ZS50025OR	132,07
30-32	1 1/4	1" 5/8 12h UN	ZS50032OR	162,29
38	1 1/2	1" 7/8 12h UN	ZS50038OR	280,16

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°



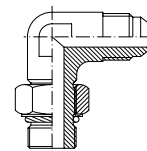
PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
6	1/4	7/16" - 20h UNF	7/16" - 20h UNF	ZS65006	65,51
8	5/16	1/2" - 20h UNF	1/2" - 20h UNF	ZS65008	77,32
10	3/8	9/16" - 18h UNF	9/16" - 18h UNF	ZS65010	76,03
12	1/2	3/4" - 16h UNF	3/4" - 16h UNF	ZS65012	92,24
14-15-16	5/8	7/8" - 14h UNF	7/8" - 14h UNF	ZS65016	114,17
18-20	3/4	1" 1/16 - 12h UN	1" 1/16 - 12h UN	ZS65020	168,04
25	1	1" 5/16 - 12h UN	1" 5/16 - 12h UN	ZS65025	200,08

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



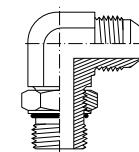
PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
6	1/4	7/16" 20h UNF	1/4" BSP	ZS5700613	22,56
10	13	9/16 20H UNF	1/4 BSP	ZS5701013	46,03
10	3/8	9/16" 18h UNF	3/8" BSP	ZS5701017	34,68
12	1/2	3/4 20H UNF	3/8 BSP	ZS5701217	62,23
12	1/2	3/4" 16h UNF	1/2" BSP	ZS5701221	52,43
14-15-16	5/8	7/8" 14h UNF	1/2" BSP	ZS5701621	57,13
18-20	3/4	1" 1/16 12h UN	3/4" BSP	ZS5702026	83,30
25	1	1" 5/16 12h UN	1" BSP	ZS5702533	131,68
30-32	1 1/4	1 5/8 12h UN	1 1/4 BSP	ZS5703242	448,62
38	1 1/2	1" 7/8 12h UN	1" 1/2 BSP	ZS5703848	747,93

90° Adjustable stud elbow male-male JIC 37°

Codo 90° regulable macho - macho JIC 37°

90° Bogen Einstellbar m-m JIC 37°

Coude 90° orientable mâle - mâle JIC 37°



PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
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. 163 (O'RING BOSS ADAPTORS) / *Ver precios en p. 163 (ADAPTADORES O'RING BOSS) / *Vgl. Sie die Preise auf S.163 (ADAPTER O'RING BOSS) / *Voir prix à la p. 163 (ADAPTEURS O'RING BOSS)

Flare fittings JIC 37°

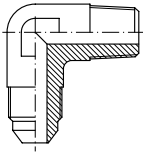
Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

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



PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	1/8" BSPT	7/16" 20h UNF	ZS5500610	35,31
6	1/4	1/4" BSPT	7/16" 20h UNF	ZS5500613	36,01
8	5/16	1/8" BSPT	1/2" 20h UNF	ZS5500810	36,90
8	5/16	1/4" BSPT	1/2" 20h UNF	ZS5500813	35,08
10	3/8	1/4" BSPT	9/16" 18h UNF	ZS5501013	29,19
10	3/8	3/8" BSPT	9/16" 18h UNF	ZS5501017	43,65
10	3/8	1/2" BSPT	9/16" 18h UNF	ZS5501021	43,10
12	1/2	1/4" BSPT	3/4" 16h UNF	ZS5501213	49,08
12	1/2	3/8" BSPT	3/4" 16h UNF	ZS5501217	57,96
12	1/2	1/2" BSPT	3/4" 16h UNF	ZS5501221	44,90
14-15-16	5/8	3/8" BSPT	7/8" 14h UNF	ZS5501617	56,98
14-15-16	5/8	1/2" BSPT	7/8" 14h UNF	ZS5501621	64,07
14-15-16	5/8	3/4" BSPT	7/8" 14h UNF	ZS5501626	108,75
18-20	3/4	1/2" BSPT	1"1/16 12h UN	ZS5502021	74,30
18-20	3/4	3/4" BSPT	1"1/16 12h UN	ZS5502026	77,72
25	1	3/4" BSPT	1"5/16 12h UN	ZS5502526	135,79
25	1	1" BSPT	1"5/16 12h UN	ZS5502533	108,51
30-32	1 1/4	1 1/4" BSPT	1"5/8 12h UN	ZS5503242 *	217,55

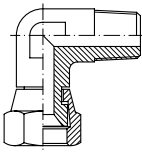
*Until end of stock. / *Hasta fin de existencias. / *Bis zum Ende des Lagerbestandes / *Jusqu'à la fin du stock.

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°



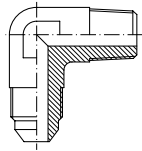
THREAD ROSCA		Part nº Referencia	€
1/8" NPT	7/16"-20h UNF	ZS5950610	28,55
1/4" NPT	1/2"-20h UNF	ZS5950813	31,49
1/4" NPT	9/16"-18h UNF	ZS5951013	32,32
3/8" NPT	3/4"-16h UNF	ZS5951217	42,76
1/2" NPT	7/8"-14h UNF	ZS5951621	58,37
3/4" NPT	1"1/16"-12h UN	ZS5952026	74,16
1" NPT	1"5/16"-12h UN	ZS5952533	110,08

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



PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	1/8" NPT	7/16" 20h UNF	ZS5250610	33,30
6	1/4	1/4" NPT	7/16" 20h UNF	ZS5250613	31,90
8	5/16	1/8" NPT	1/2" 20h UNF	ZS5250810	28,95
8	5/16	1/4" NPT	1/2" 20h UNF	ZS5250813	28,24
10	3/8	1/4" NPT	9/16" 18h UNF	ZS5251013	26,24
10	3/8	3/8" NPT	9/16" 18h UNF	ZS5251017	32,54
10	3/8	1/2" NPT	9/16" 18h UNF	ZS5251021	43,51
12	1/2	1/4" NPT	3/4" 16h UNF	ZS5251213	40,09
12	1/2	3/8" NPT	3/4" 16h UNF	ZS5251217	44,66
12	1/2	1/2" NPT	3/4" 16h UNF	ZS5251221	42,05
14-15-16	5/8	3/8" NPT	7/8" 14h UNF	ZS5251617	56,56
14-15-16	5/8	1/2" NPT	7/8" 14h UNF	ZS5251621	42,96
14-15-16	5/8	3/4" NPT	7/8" 14h UNF	ZS5251626	63,94
18-20	3/4	1/2" NPT	1"1/16 12h UN	ZS5252021	73,23
18-20	3/4	3/4" NPT	1"1/16 12h UN	ZS5252026	69,47
25	1	3/4" NPT	1"5/16 12h UN	ZS5252526	90,17
25	1	1" NPT	1"5/16 12h UN	ZS5252533	97,49
30-32	1 1/4	1 1/4" NPT	1"5/8 12h UN	ZS5253242	59,89

Flare fittings JIC 37°

Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

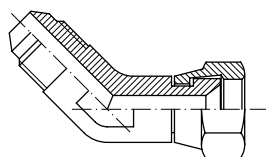
Trile LOK

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°



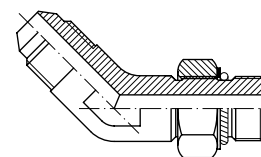
PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
6	1/4	M 7/16" 20h UNF	F 7/16" 20h UNF	ZS69006	18,09
8	5/16	M 1/2" 20h UNF	F 1/2" 20h UNF	ZS69008	21,28
10	3/8	M 9/16" 18h UNF	F 9/16" 18h UNF	ZS69010	23,38
12	1/2	M 3/4" 16h UNF	F 3/4" 16h UNF	ZS69012	41,26
14-15-16	5/8	M 7/8" 14h UNF	F 7/8" 14h UNF	ZS69016	52,43
18-20	3/4	M 1" 1/16 12h UN	F 1" 1/16 12h UN	ZS69020	305,78
25	1	M 1" 5/16 12h UN	F 1" 5/16 12h UN	ZS69025	446,86

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°



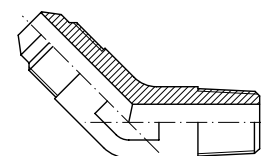
PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
6	1/4	7/16" - 20h UNF	7/16" - 20h UNF	ZS77506	71,32
8	5/16	1/2" - 20h UNF	1/2" - 20h UNF	ZS77508	73,80
10	3/8	9/16" - 18h UNF	9/16" - 18h UNF	ZS77510	67,76
12	1/2	3/4" - 16h UNF	3/4" - 16h UNF	ZS77512	84,41
14-15-16	5/8	7/8" - 14h UNF	7/8" - 14h UNF	ZS77516	153,98
18-20	3/4	1" 1/16 - 12h UN	1" 1/16 - 12h UN	ZS77520	320,53
25	1	1" 5/16 - 12h UN	1" 5/16 - 12h UN	ZS77525	415,30

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



PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
6	1/4	1/4" NPT	7/16" 20h UNF	ZS7250613	16,39
10	3/8	3/8" NPT	9/16" 18h UNF	ZS7251017	22,17
12	1/2	1/2" NPT	3/4" 16h UNF	ZS7251221	33,74
18-20	3/4	3/4" NPT	1" 1/16 12h UN	ZS7252026	52,43
25	1	1" NPT	1" 5/16 12h UN	ZS7252533	85,44

Flare fittings JIC 37°

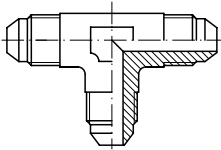
Racores JIC 37°
JIC - Verbindungen
Adapteurs JIC 37°

Union tee male JIC 37°

TE macho - macho - macho JIC 37°

T-Verschraubung AGJ

Té égaux mâle JIC 37°



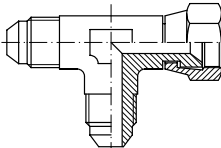
PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16" 20h UNF	ZS50506	38,74
8	5/16	1/2" 20h UNF	ZS50508	39,47
10	3/8	9/16" 18h UNF	ZS50510	38,25
12	1/2	3/4" 16h UNF	ZS50512	58,65
14-15-16	5/8	7/8" 14h UNF	ZS50516	65,14
18-20	3/4	1"1/16 12h UN	ZS50520	91,96
25	1	1"5/16 12h UN	ZS50525	131,51
30-32	1 1/4	1"5/8 12h UN	ZS50532	194,94
38	1 1/2	1"7/8 12h UN	ZS50538	299,69

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



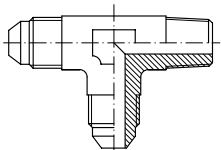
PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16" 20h UNF	ZS68006	43,16
8	5/16	1/2" 20h UNF	ZS68008	44,68
10	3/8	9/16" 18h UNF	ZS68010	40,80
12	1/2	3/4" 16h UNF	ZS68012	59,52
14-15-16	5/8	7/8" 14h UNF	ZS68016	69,34
18-20	3/4	1"1/16 12h UN	ZS68020	93,67
25	1	1"5/16 12h UN	ZS68025	150,29
32	1 1/4	1"5/8 12h UN	ZS68032	208,21
38	1 1/2	1"7/8 12h UN	ZS68038	277,86

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

TES macho JIC 37° - macho JIC 37° - macho NPT

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

Tés mâle JIC 37° - mâle JIC 37° - mâle NPT



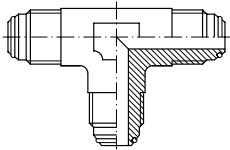
THREAD ROSCA			Part nº Referencia	€
7/16"-20h UNF	7/16"-20h UNF	1/8" NPT	ZS6300610	32,25
1/2"-20h UNF	1/2"-20h UNF	1/4" NPT	ZS6300813	43,42
9/16"-18h UNF	9/16"-18h UNF	1/4" NPT	ZS6301013	52,24
3/4"-16h UNF	3/4"-16h UNF	3/8" NPT	ZS6301217	59,07
7/8"-14h UNF	7/8"-14h UNF	1/2" NPT	ZS6301621	70,25
1"1/16-12h UN	1"1/16-12h UN	3/4" NPT	ZS6302026	97,34
1"5/16-12h UN	1"5/16-12h UN	1" NPT	ZS6302533	116,60

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 égaux mâle JIC 37° avec o'ring



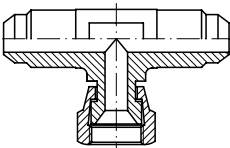
PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16" 20h UNF	ZS50506OR	55,15
8	5/16	1/2" 20h UNF	ZS50508OR	50,85
10	3/8	9/16" 18h UNF	ZS50510OR	56,39
12	1/2	3/4" 16h UNF	ZS50512OR	66,93
14-15-16	5/8	7/8" 14h UNF	ZS50516OR	82,08
18-20	3/4	1"1/16 12h UN	ZS50520OR	114,67
25	1	1"5/16 12h UN	ZS50525OR	172,12
30-32	1 1/4	1"5/8 12h UN	ZS50532OR	214,22
38	1 1/2	1"7/8 12h UN	ZS50538OR	327,37

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°



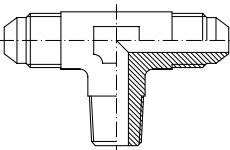
PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16" 20h UNF	ZS68506	51,61
8	5/16	1/2" 20h UNF	ZS68508	48,82
10	3/8	9/16" 18h UNF	ZS68510	46,36
12	1/2	3/4" 16h UNF	ZS68512	57,32
14-15-16	5/8	7/8" 14h UNF	ZS68516	70,55
18-20	3/4	1"1/16 12h UN	ZS68520	85,14
25	1	1"5/16 12h UN	ZS68525	166,84
32	1 1/4	1"5/8 12h UN	ZS68532	199,19
38	1 1/2	1"7/8 12h UN	ZS68538	267,17

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

TES macho JIC 37° - macho NPT - macho JIC 37°

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

Tés mâle JIC 37° - mâle NPT - mâle JIC 37°



THREAD ROSCA			Part nº Referencia	€
7/16"-20h UNF	1/8" NPT	7/16"-20h UNF	ZS6250610	32,25
1/2"-20h UNF	1/4" NPT	1/2"-20h UNF	ZS6250813	45,16
9/16"-18h UNF	1/4" NPT	9/16"-18h UNF	ZS6251013	50,23
3/4"-16h UNF	3/8" NPT	3/4"-16h UNF	ZS6251217	59,07
7/8"-14h UNF	1/2" NPT	7/8"-14h UNF	ZS6251621	70,25
1"1/16-12h UN	3/4" NPT	1"1/16-12h UN	ZS6252026	97,34
1"5/16-12h UN	1" NPT	1"5/16-12h UN	ZS6252533	116,60



ÁREA CALIDAD QUALITY DEPARTMENT

CENTRADOS EN LA CALIDAD

Garantizamos la calidad de todos los equipamientos que fabricamos y distribuimos. Por ello, estamos realizando, de forma progresiva y continuada, una gran inversión en la aprobación de certificados.

Nuestro Departamento Técnico y de Calidad comprueba la calidad óptima de los productos que suministramos, mediante la utilización de los equipamientos y la tecnología más innovadora del sector.

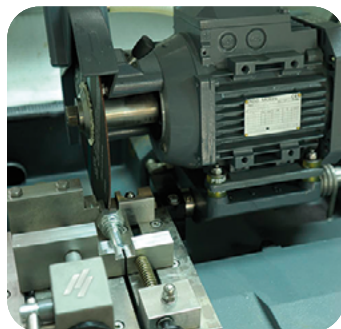
DICSA es sinónimo de calidad porque nuestra apuesta en Investigación, Desarrollo e Innovación es constante y progresiva. En DicSA somos líderes porque fabricamos pensando en ti.

WE FOCUS ON QUALITY

We guarantee the quality of all the equipment that we manufacture and distribute. For this reason, we are making an ongoing and progressive investment in certificates approval.

Our Technical and Quality Department verifies the optimum quality of our products by using the most innovative equipments and technology.

DICSA is synonym of quality because our Research, Innovation and Development investment is constant and progressive. We are leader because we manufactured with you in mind.



Cortadora de precisión
Precision cutting Saw



Durómetro Vickers
Vickers Hardness



Banco de prueba Bimal B1703 Flex
B1703 FLEX Dynamic Test Bench



Banco de pruebas BC/L 2000
BC/L 2000 Test Bench



Análisis espectrográfico
Spectrographic Analyzer



Cámara de niebla salina
Salt-spray chamber



Banco de prueba Bimal BI1001
Bimal BI1001 Test Bench



Banco de pruebas BE 2500 II
BE 2500 II Test Bench

Pipe fittings II

Conducción rígida II

Verschraubungen für Rohr II

Raccord tube rigide II

SCH TrΔle Rigid pipe

Tubo TrΔle SCH

Rohr SCH

Tube rigide TrΔle SCH

128

SCH fittings

Racores SCH

SCH Armaturen

Embouts SCH

129

SAE Flanges

Bridas SAE

SAE-Flansche

Brides SAE

132

TrΔle Clamps

Abrazaderas TrΔle

Schellen

Colliers TrΔle

139

3

SCH TrΔle Rigid pipe

Tube TrΔle SCH
Rohr SCH
Tube rigide TrΔle SCH

Schedule 10 /Tubo SCH10 /Schedule 10 /Schedule 10

128



ZTH10

ZTH10...-3

Schedule 40 /Tubo SCH40 /Schedule 40 /Schedule 40

128



ZTH40

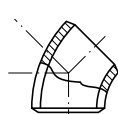
ZTH40...-3

SCH fittings

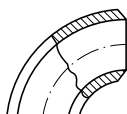
Racores SCH
SCH Armaturen
Embouts SCH

■ SCH Pipe Fittings / Racores Tubo SCH / SCH Rohrverbindungsstücke / Raccords SCH

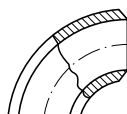
129



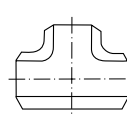
ZS4510



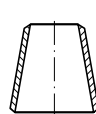
ZS9010



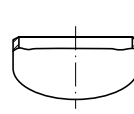
ZS90R10



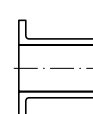
ZST100



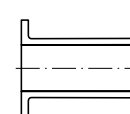
ZSR100



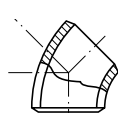
ZSC100



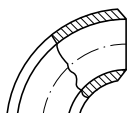
ZSTUB10



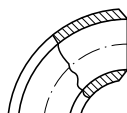
ZSTUBL40



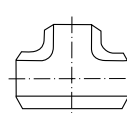
ZS4540



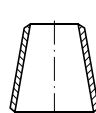
ZS9040



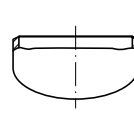
ZS90R40



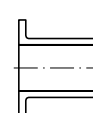
ZST400



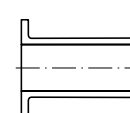
ZSR400



ZSC400



ZSTUB40



ZSTUBL10

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

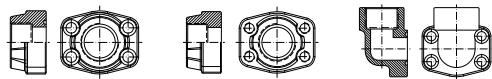
Tr/Ale LOK

SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

- Threaded flanges / Bidas roscadas / Gewindeflansche - GF / Brides taraudées

| 132



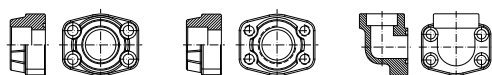
ZBBRG

ZBCRG

ZB90RG

- Welding flanges for gas tube / Bidas soldables tubo Gas / Schweißflansche Rohr Gas / Brides à souder pour tube gaz

| 133



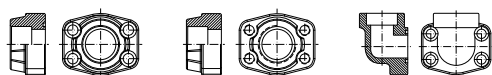
ZBBSG

ZBCSG

ZB90SG

- Welding flanges for metric tube / Bidas soldables tubo Métrico / Schweißflansche Rohr metr. / Brides à souder pour tube métrique

| 134



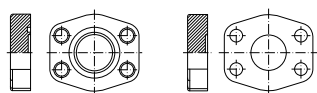
ZBBSM

ZBCSM

ZB90SM

- Blind flanges / Bidas ciegas / Blindflansche / Brides avec obturateur fermé

| 135

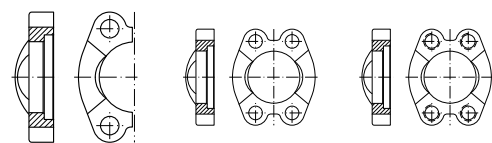


ZBBC

ZBCC

- SAE Flanges for hoses / Bidas para flexibles / Flansche für Schlauch / Brides SAE pour flexibles

| 136



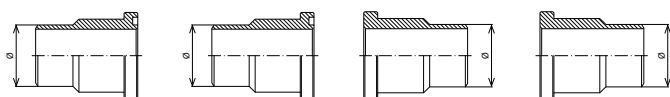
ZBBP

ZBBE

ZBCE

- Welding adaptors for flanges / Conos soldar / Schweißkegel / Collets à souder

| 137



ZBSM*1

ZBSG*1

ZBSM*0

ZBSG*0

- Flange accessories / Accesorios bidas / Zubehör für Flansche / Accessoires pour brides

| 138



ZTB

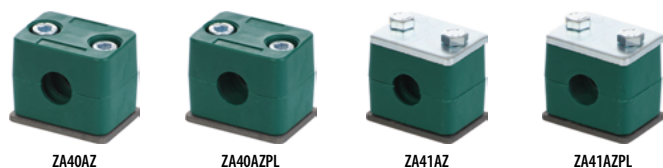
JBR

ORING

TrΔle Clamps

Abrazaderas TrΔle
Schellen
Colliers TrΔle

- Complete clamps light serie / Abrazaderas completas serie ligera / Befestigungsschellen komplett - Leichte Serie / Colliers complets série légère | 139



ZA40AZ

ZA40AZPL

ZA41AZ

ZA41AZPL

- Components for clamps light serie / Componentes abrazaderas serie ligera / Komponenten für Rohrschellen Leichte Serie Composants pour colliers série légère/ | 140



A C

ZAPIN

ZAPS

ZAVTC

ZAVTE

ZAPA

- Double clamp - parallel / Dobles / paralelas / Doppel - Parallel / Colliers de fixation doubles | 141



ZAZCFS

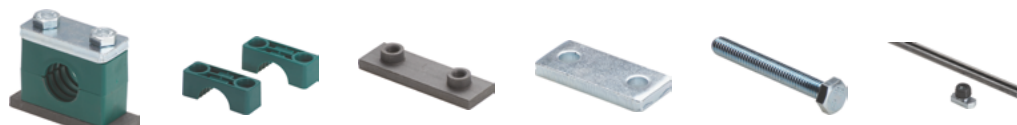
ZADPIN

ZADPS

AD C

ZADVTE

- Clamps heavy serie / Abrazaderas serie pesada / Rohrschellen Schwere Serie / Colliers série lourde | 142



ZAZCPS

AMPP C

ZAPINP

ZAPSP

ZAVTE

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

Ø OUTER Ø EXT.	WP (bar) PRESIÓN TRABAJO (bar)	KG/M	Thickness (mm) Espesor (mm)	Part nº Referencia	€
21.3	261	1	2.11	ZTH10SC008	35,38
26.7	205	1.28	2.11	ZTH10SC012	43,03
33.4	216	2.09	2.77	ZTH10SC016	67,78
42.2	168	2.7	2.77	ZTH10SC020	86,20
48.3	146	3.11	2.77	ZTH10SC024	99,26
60.3	116	3.93	2.77	ZTH10SC032	124,67

SCH 40 rigid pipe - 6 metres- AISI 316

Tubo rígido SCH40 - AISI 316 - 6 METROS

Rohr - SCH40 - 6 Meter- AISI 316



Tube rigide SCH40 - 6 metres- AISI 316

Ø OUTER Ø EXT.	WP (bar) PRESIÓN TRABAJO (bar)	KG/M	Thickness (mm) Espesor (mm)	Part nº Referencia	€
21.3	354	1.27	2.77	ZTH40SC008	39,92
26.7	287	1.69	2.87	ZTH40SC012	52,69
33.4	268	2.5	3.38	ZTH40SC016	66,04
42.2	220	3.39	3.56	ZTH40SC020	88,36
48.3	197	4.05	3.68	ZTH40SC024	108,39
60.3	166	5.44	3.91	ZTH40SC032	145,56

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

Ø OUTER Ø EXT.	WP (bar) PRESIÓN TRABAJO (bar)	Thickness (mm) Espesor (mm)	Part nº Referencia	€
21.3	261	2.11	ZTH10SC008-3	37,89
26.7	205	2.11	ZTH10SC012-3	46,08
33.4	216	2.77	ZTH10SC016-3	72,59
42.2	168	2.77	ZTH10SC020-3	92,32
48.3	146	2.77	ZTH10SC024-3	106,30
60.3	116	2.77	ZTH10SC032-3	133,52

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

Ø OUTER Ø EXT.	WP (bar) PRESIÓN TRABAJO (bar)	Thickness (mm) Espesor (mm)	Part nº Referencia	€
21.3	354	2.77	ZTH40SC008-3	42,76
26.7	287	2.87	ZTH40SC012-3	56,43
33.4	268	3.38	ZTH40SC016-3	70,73
42.2	220	3.56	ZTH40SC020-3	94,63
48.3	197	3.68	ZTH40SC024-3	116,08
60.3	166	3.91	ZTH40SC032-3	155,90



AMPLIA GAMA TUBO RÍGIDO

SCHEDULE MÉTRICO STANDARD CROMO III



INOXIDABLE
STAINLESS-STEEL

CARBONO
CARBON-STEEL

SELECT YOUR
PIPE TYPE

SCH fittings

Racores SCH
SCH Armaturen
Embouts SCH

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

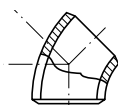
Tri/Le LOK

Elbow 45 Sch10

Codo 45 SCH10

Edelstahlbogen 45 Sch10

Coude 45 Sch10



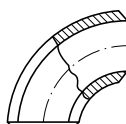
DN	Part n° Referencia	€
1/2"	ZS4510008	*
3/4"	ZS4510012	*
1"	ZS4510016	*
1" 1/4	ZS4510020	*
1" 1/2	ZS4510024	*
2"	ZS4510032	*

Elbow 90 Sch10

Codo 90 SCH10

Edelstahlbogen 90 Sch10

Coude 90 Sch10



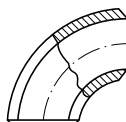
DN	Part n° Referencia	€
1/2"	ZS9010008	*
3/4"	ZS9010012	*
1"	ZS9010016	*
1" 1/4	ZS9010020	*
1" 1/2	ZS9010024	*
2"	ZS9010032	*

Elbow 90 Sch10 Reduced

Codo 90 SCH10 Reducido

Edelstahlbogen 90 Sch10 Reduziert

Coude 90 Réduit Sch10



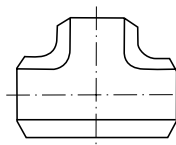
DN	Part n° Referencia	€
1"	ZS90R10016	*
1" 1/4	ZS90R10020	*
1" 1/2	ZS90R10024	*
2"	ZS90R10032	*

Tee Sch10

Te SCH10

Tee Edelstahl Sch10

Té Sch10



DN	Part n° Referencia	€
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

Réduit Sch10



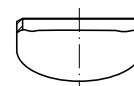
DN	Part n° Referencia	€
3/4" - 1/2"	ZSR10012008	*
1" - 3/4"	ZSR10016012	*
1" 1/4 - 3/4"	ZSR10020012	*
1" 1/2 - 1" 1/4	ZSR10024020	*
2" - 1" 1/2	ZSR10032024	*

Plug Sch10

Tapón SCH10

Verschluss Sch10 Edelstahl

Bouchon Sch 10



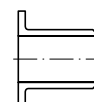
DN	Part n° Referencia	€
1/2"	ZSC10008	*
3/4"	ZSC10012	*
1"	ZSC10016	*
1" 1/4	ZSC10020	*
1" 1/2	ZSC10024	*
2"	ZSC10032	*

Stub End Sch10

Stub End SCH10

Schweißnippel Sch10 Edelstahl

Embout Sch 10



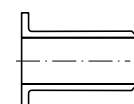
DN	Part n° Referencia	€
1/2"	ZSTUB1008	*
3/4"	ZSTUB1012	*
1"	ZSTUB1016	*
1" 1/4	ZSTUB1020	*
1" 1/2	ZSTUB1024	*
2"	ZSTUB1032	*

Long Stub End Sch10

Stub End Largo Inox SCH10

Schweißnippel Sch10 lang Edelstahl

Embout long Sch10



DN	Part n° Referencia	€
1/2"	ZSTUBL1008	*
3/4"	ZSTUBL1012	*
1"	ZSTUBL1016	*
1" 1/4	ZSTUBL1020	*
1" 1/2	ZSTUBL1024	*
2"	ZSTUBL1032	*

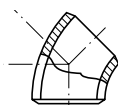
SCH fittings

Racores SCH
SCH Armaturen
Embouts SCH

Elbow 45 Sch40

Codo 45 SCH40

Edelstahlbogen 45 Sch40



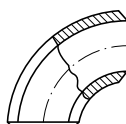
Coude 45 Sch40

DN	Part n° Referencia	€
1/2"	ZS4540008	*
3/4"	ZS4540012	*
1"	ZS4540016	*
1" 1/4	ZS4540020	*
1" 1/2	ZS4540024	*
2"	ZS4540032	*

Elbow 90 Sch40

Codo 90 SCH40

Edelstahlbogen 90 Sch40



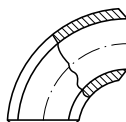
Coude 90 Sch40

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

Elbow 90 Sch40 Reduced

Codo 90 Inox SCH40 Reducido

Edelstahlbogen 90 Sch40 Reduziert



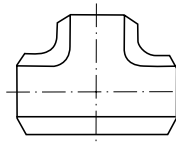
Coude 90 Réduit Sch40

DN	Part n° Referencia	€
1"	ZS90R40016	*
1" 1/4	ZS90R40020	*
1" 1/2	ZS90R40024	*
2"	ZS90R40032	*

Tee Sch40

Te Inox SCH40

Tee Edelstahl Sch40



Té Sch40

DN	Part n° Referencia	€
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



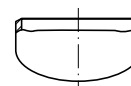
Réduction Sch40

DN	Part n° Referencia	€
3/4" - 1/2"	ZSR40012008	*
1" - 3/4"	ZSR40016012	*
1" 1/4 - 3/4"	ZSR40020012	*
1" 1/2 - 1" 1/4	ZSR40024020	*
2" - 1" 1/2"	ZSR40032024	*

Plug Sch40

Tapón Inox SCH40

Verschluss Sch40 Edelstahl



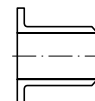
Bouchon Sch40

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

Stub End Sch40

Stub End Inox SCH40

Schweißnippel Sch40 Edelstahl



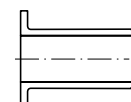
Embout Sch40

DN	Part n° Referencia	€
1/2"	ZSTUB4008	*
3/4"	ZSTUB4012	*
1"	ZSTUB4016	*
1" 1/4	ZSTUB4020	*
1" 1/2	ZSTUB4024	*
2"	ZSTUB4032	*

Long Stub End Sch40

Stub End Largo Inox SCH40

Schweißnippel Sch40 lang Edelstahl



Embout long Sch40

DN	Part n° Referencia	€
1/2"	ZSTUBL4008	*
3/4"	ZSTUBL4012	*
1"	ZSTUBL4016	*
1" 1/4	ZSTUBL4020	*
1" 1/2	ZSTUBL4024	*
2"	ZSTUBL4032	*

BAE flanges

BAE flanges

BAE flange

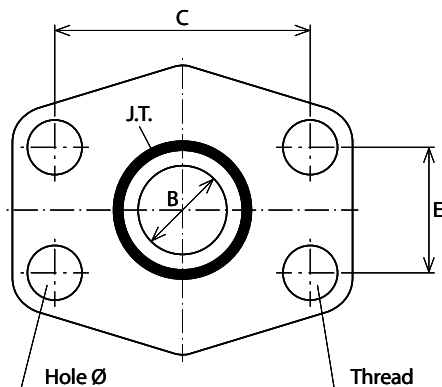
Blanke flange

Characteristics

Características

Eigenschaften

Caratteristiche



Bridas 3000 PSI

Flanges 3000 PSI

Bridges 3000 PSI

Blanke 3000 PSI

Tamaño Size Taille Misura	Max. pre. Max. pre. Max. pre.	B	C	E	O'ring NBR O'ring NBR O'ring NBR	Junta PU PU seal Joint PU Guarnizione in PU	Ø	Tornillo * Screw * Vis * Vite *	Rosca Thread Filetage Filetto
1/2"	345 bar	13	38,1	17,48	18,64 x 3,53	JBR08	9	TB8X30	M8
3/4"	345 bar	19	47,63	22,23	24,99 x 3,53	JBR12	11	TB10X35	M10
1"	345 bar	25	52,37	26,19	32,92 x 3,53	JBR16	11	TB10X35	M10
1 1/4"	276 bar	32	58,72	30,18	37,70 x 3,53	JBR20	11,5	TB10X40	M10
1 1/2"	207 bar	38	69,85	35,71	47,22 x 3,53	JBR24	13,5	TB12X45	M12
2"	207 bar	51	77,77	42,88	56,74 x 3,53	JBR32	13,5	TB12X45	M12
2 1/2"	172 bar	63	88,9	50,8	66,27 x 3,53		13,5	TB12X45	M12
3"	138 bar	73	106,38	61,93	85,32 x 3,53		17,5	TB16X50	M16
3 1/2"	34 bar	89	120,65	69,85	98,02 x 3,53		17,5	TB16X50	M16
4"	34 bar	99	130,18	77,77	110,72 x 3,53		17,5	TB16X50	M16

Bridas 6000 PSI

Flanges 6000 PSI

Bridges 6000 PSI

Blanke 6000 PSI

Tamaño Size Taille Misura	Max. pre. Max. pre. Max. pre.	B	C	E	O'ring NBR O'ring NBR O'ring NBR	Junta PU PU seal Joint PU Guarnizione PU	Ø	Tornillo * Screw * Vis * Vite *	Rosca Thread Filetage Filetto
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

* Seleccionar el material de la flange de acuerdo a la tabla de referencias ZTB...

Selecção do material da flange de acordo com a tabela de referências ZTB...

Das Material der Flange nach der Tabelle der Referenzen ZTB...

Les matériaux de la flange sont indiqués dans le tableau des références ZTB...

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

Trile LOK

SAE Flanges

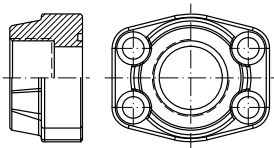
Bridas SAE
SAE-Flansche
Brides SAE

BSP Female threaded flange

Brida roscada hembra BSP

Gewindeflansch w BSP

Bride taraudée femelle BSP



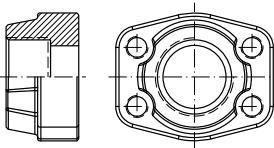
SERIE	THREAD ROSCA	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	1/2" BSP	1/2"	ZBBRG30808	23,33
3000 PSI	3/4" BSP	3/4"	ZBBRG31212	29,49
3000 PSI	1" BSP	1"	ZBBRG31616	36,84
3000 PSI	1 1/4" BSP	1 1/4"	ZBBRG32020	46,60
3000 PSI	1 1/2" BSP	1 1/2"	ZBBRG32424	67,82
3000 PSI	2" BSP	2"	ZBBRG33232	87,42
3000 PSI	2 1/2" BSP	2 1/2"	ZBBRG34040	123,29
3000 PSI	3" BSP	3"	ZBBRG34848	166,82
3000 PSI	3 1/2" BSP	3 1/2"	ZBBRG35656	642,60
3000 PSI	4" BSP	4"	ZBBRG36464	681,08
6000 PSI	1/2" BSP	1/2"	ZBBRG60808	24,58
6000 PSI	3/4" BSP	3/4"	ZBBRG61212	34,35
6000 PSI	1" BSP	1"	ZBBRG61616	49,09
6000 PSI	1 1/4" BSP	1 1/4"	ZBBRG62020	66,27
6000 PSI	1 1/2" BSP	1 1/2"	ZBBRG62424	93,83
6000 PSI	2" BSP	2"	ZBBRG63232	168,06

BSP Female threaded counter-flange

Contrabrida roscada hembra BSP

Gewindegegenflansch w BSP

Contre-bride taraudée femelle BSP



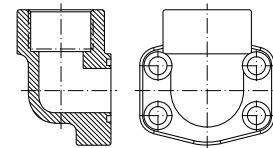
SERIE	THREAD ROSCA	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	1/2" BSP	1/2"	ZBCRG30808	23,33
3000 PSI	3/4" BSP	3/4"	ZBCRG31212	29,49
3000 PSI	1" BSP	1"	ZBCRG31616	36,84
3000 PSI	1 1/4" BSP	1 1/4"	ZBCRG32020	46,60
3000 PSI	1 1/2" BSP	1 1/2"	ZBCRG32424	73,42
3000 PSI	2" BSP	2"	ZBCRG33232	87,42
3000 PSI	2 1/2" BSP	2 1/2"	ZBCRG34040	123,01
3000 PSI	3" BSP	3"	ZBCRG34848	166,82
3000 PSI	3 1/2" BSP	3 1/2"	ZBCRG35656	630,00
3000 PSI	4" BSP	4"	ZBCRG36464	681,08
6000 PSI	1/2" BSP	1/2"	ZBCRG60808	24,58
6000 PSI	3/4" BSP	3/4"	ZBCRG61212	34,35
6000 PSI	1" BSP	1"	ZBCRG61616	49,09
6000 PSI	1 1/4" BSP	1 1/4"	ZBCRG62020	66,27
6000 PSI	1 1/2" BSP	1 1/2"	ZBCRG62424	93,83
6000 PSI	2" BSP	2"	ZBCRG63232	168,06

90° BSP female threaded flange

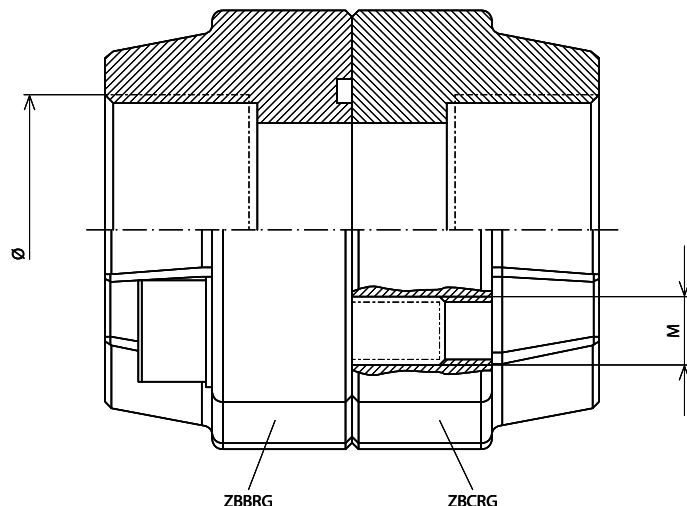
Brida codo 90° roscada hembra BSP

Gewindeflansch Winkel 90° w BSP

Bride 90° taraudée femelle BSP



SERIE	THREAD ROSCA	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	1/2" BSP	1/2"	ZB90RG30808	123,94
3000 PSI	3/4" BSP	3/4"	ZB90RG31212	148,42
3000 PSI	1" BSP	1"	ZB90RG31616	177,19
3000 PSI	1 1/4" BSP	1 1/4"	ZB90RG32020	212,68
3000 PSI	1 1/2" BSP	1 1/2"	ZB90RG32424	415,45
3000 PSI	2" BSP	2"	ZB90RG33232	544,87
6000 PSI	1/2" BSP	1/2"	ZB90RG60808	123,94
6000 PSI	3/4" BSP	3/4"	ZB90RG61212	177,19
6000 PSI	1" BSP	1"	ZB90RG61616	212,68
6000 PSI	1 1/4" BSP	1 1/4"	ZB90RG62020	290,72
6000 PSI	1 1/2" BSP	1 1/2"	ZB90RG62424	382,53



SAE Flanges

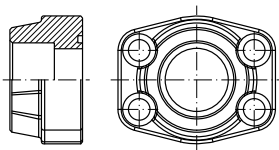
Bridas SAE
SAE-Flansche
Brides SAE

Welding female flange for gas tube

Brida soldable hembra tubo gas

Schweißflansch w Rohr Gas

Bride à souder femelle tube gaz



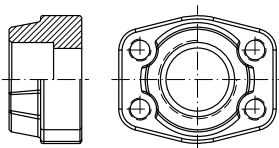
SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	21.6	1/2"	ZBBSG308216	23,33
3000 PSI	27.2	3/4"	ZBBSG312272	29,49
3000 PSI	34.0	1"	ZBBSG316340	36,84
3000 PSI	42.8	1 1/4"	ZBBSG320428	46,60
3000 PSI	48.6	1 1/2"	ZBBSG324486	73,61
3000 PSI	61.0	2"	ZBBSG332610	95,70
3000 PSI	76.6	2 1/2"	ZBBSG340766	134,96
3000 PSI	90.5	3"	ZBBSG348905	166,82
3000 PSI	103.0	3 1/2"	ZBBSG3561030	595,94
3000 PSI	115.5	4"	ZBBSG3641155	647,02
6000 PSI	21.6	1/2"	ZBBSG608216	24,58
6000 PSI	27.2	3/4"	ZBBSG612272	34,35
6000 PSI	34.0	1"	ZBBSG616340	49,09
6000 PSI	42.8	1 1/4"	ZBBSG620428	66,27
6000 PSI	48.6	1 1/2"	ZBBSG624486	93,83
6000 PSI	61.0	2"	ZBBSG632610	168,06

Welding female counter-flange for gas tube

Contrabrida soldable hembra tubo gas

Schweiß-Gegenflansch w Rohr Gas

Contre-bride à souder femelle tube gaz



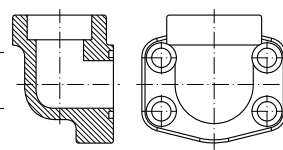
SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	21.6	1/2"	ZBCSG308216	23,33
3000 PSI	27.2	3/4"	ZBCSG312272	29,49
3000 PSI	34.0	1"	ZBCSG316340	36,84
3000 PSI	42.8	1 1/4"	ZBCSG320428	46,60
3000 PSI	48.6	1 1/2"	ZBCSG324486	73,61
3000 PSI	61.0	2"	ZBCSG332610	95,70
3000 PSI	76.6	2 1/2"	ZBCSG340766	134,96
3000 PSI	90.5	3"	ZBCSG348905	166,82
3000 PSI	103.0	3 1/2"	ZBCSG3561030	595,94
3000 PSI	115.5	4"	ZBCSG3641155	647,02
6000 PSI	21.6	1/2"	ZBCSG608216	24,58
6000 PSI	27.2	3/4"	ZBCSG612272	34,35
6000 PSI	34.0	1"	ZBCSG616340	49,09
6000 PSI	42.8	1 1/4"	ZBCSG620428	66,27
6000 PSI	48.6	1 1/2"	ZBCSG624486	93,83
6000 PSI	61.0	2"	ZBCSG632610	168,06

90° welding female flange for gas tube

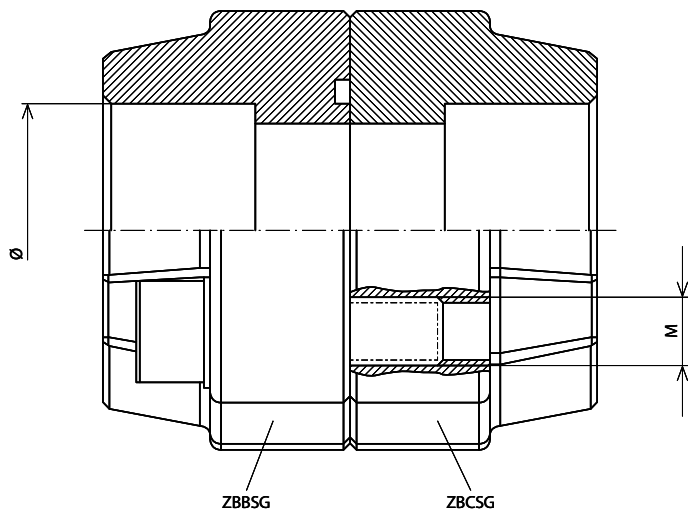
Brida codo 90° soldable hembra tubo gas

Vorschweißflansch Winkel 90° w Rohr Gas

Bride 90° à souder femelle tube gaz



SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	21.6	1/2"	ZB90SG308216	132,61
3000 PSI	27.2	3/4"	ZB90SG312272	143,83
3000 PSI	34.0	1"	ZB90SG316340	171,98
3000 PSI	42.8	1 1/4"	ZB90SG320428	206,87
3000 PSI	48.6	1 1/2"	ZB90SG324486	284,90
3000 PSI	61.0	2"	ZB90SG332610	374,87
6000 PSI	21.6	1/2"	ZB90SG608216	119,35
6000 PSI	27.2	3/4"	ZB90SG612272	204,30
6000 PSI	34.0	1"	ZB90SG616340	206,87
6000 PSI	42.8	1 1/4"	ZB90SG620428	284,90
6000 PSI	48.6	1 1/2"	ZB90SG624486	374,87



SAE Flanges

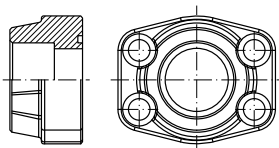
Bridas SAE
SAE-Flansche
Brides SAE

Female welding flange for metric tube

Brida soldable hembra tubo métrico

Schweißflansch w Rohr metr.

Bride à souder femelle tube métrique



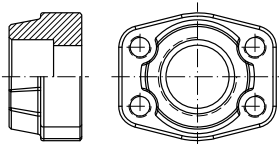
SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	20.3	1/2"	ZBBSM308203	*
3000 PSI	25.3	3/4"	ZBBSM312253	*
3000 PSI	30.3	1"	ZBBSM316303	*
3000 PSI	38.3	1"1/4	ZBBSM320383	*
3000 PSI	50.5	1"1/2	ZBBSM324505	*
6000 PSI	20.3	1/2"	ZBBSM608203	*
6000 PSI	25.3	3/4"	ZBBSM612253	*
6000 PSI	30.3	1"	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



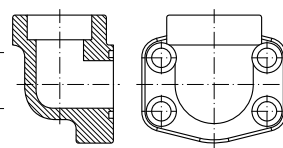
SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	20.3	1/2"	ZBCSM308203	*
3000 PSI	25.3	3/4"	ZBCSM312253	*
3000 PSI	30.3	1"	ZBCSM316303	*
3000 PSI	38.3	1"1/4	ZBCSM320383	*
3000 PSI	50.5	1"1/2	ZBCSM324505	*
6000 PSI	20.3	1/2"	ZBCSM608203	*
6000 PSI	25.3	3/4"	ZBCSM612253	*
6000 PSI	30.3	1"	ZBCSM616303	*
6000 PSI	38.3	1"1/4	ZBCSM620383	*
6000 PSI	50.5	1"1/2	ZBCSM624505	*

90° female welding flange for metric tube

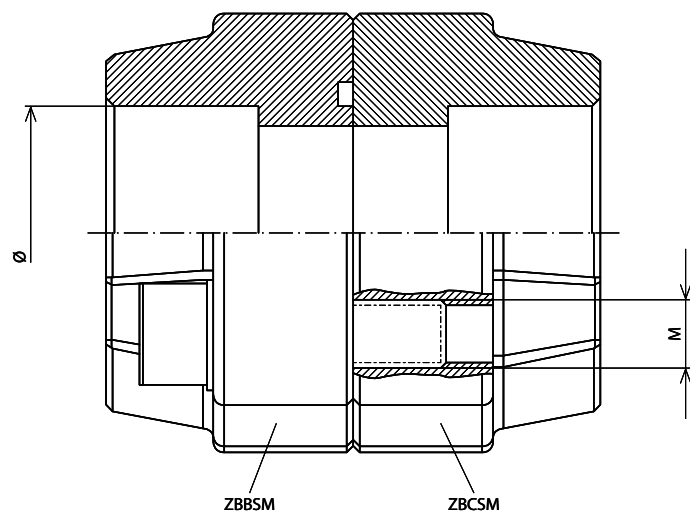
Brida codo 90° soldable Hembra tubo métrico

Vorschweißflansch Winkel 90° w Rohr metr.

Bride 90° à souder femelle tube métrique



SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
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	*



SAE Flanges

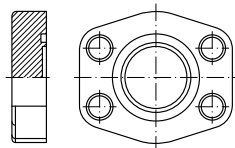
Bridas SAE
SAE-Flansche
Brides SAE

Blind flanges

Bridas ciegas

Blindflansche

Brides avec obturateur fermé



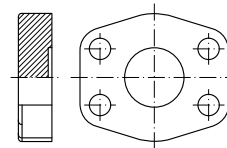
SERIE	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	1/2"	ZBBC308	71,00
3000 PSI	3/4"	ZBBC312	86,88
3000 PSI	1"	ZBBC316	102,15
3000 PSI	1 1/4"	ZBBC320	119,20
3000 PSI	1 1/2"	ZBBC324	153,26
3000 PSI	2"	ZBBC332	177,09
3000 PSI	2 1/2"	ZBBC340	204,33
3000 PSI	3"	ZBBC348	289,46
3000 PSI	3 1/2"	ZBBC356	374,60
3000 PSI	4"	ZBBC364	442,69
6000 PSI	1/2"	ZBBC608	76,02
6000 PSI	3/4"	ZBBC612	102,15
6000 PSI	1"	ZBBC616	129,42
6000 PSI	1 1/4"	ZBBC620	183,89
6000 PSI	1 1/2"	ZBBC624	289,46
6000 PSI	2"	ZBBC632	425,67

Blind counter-flanges

Contrabridas ciegas

Blind-/Gegenflansche

Contre-brides avec obturateur fermé



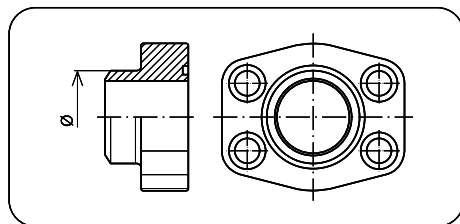
SERIE	SIZE TAMAÑO	Part n° Referencia	€
3000 PSI	1/2"	ZBCC308	79,99
3000 PSI	3/4"	ZBCC312	91,47
3000 PSI	1"	ZBCC316	112,37
3000 PSI	1 1/4"	ZBCC320	131,10
3000 PSI	1 1/2"	ZBCC324	168,56
3000 PSI	2"	ZBCC332	194,78
3000 PSI	3"	ZBCC348	318,41
3000 PSI	3 1/2"	ZBCC356	412,06
3000 PSI	4"	ZBCC364	486,97
6000 PSI	1/2"	ZBCC608	92,35
6000 PSI	3/4"	ZBCC612	112,37
6000 PSI	1"	ZBCC616	142,36
6000 PSI	1 1/4"	ZBCC620	202,28
6000 PSI	1 1/2"	ZBCC624	318,41
6000 PSI	2"	ZBCC632	468,24

Male welding flange

Bride soldable flange
Bridas soldables macho
Bridage à souder mâle

Male welding flange for gas tube

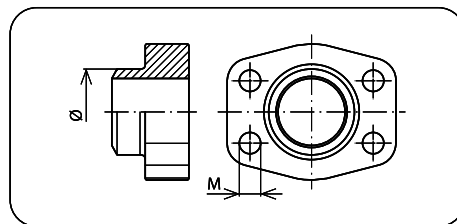
Bride soldable flange de tube gaz
Bridas soldables macho para tubo gas
Bridage à souder mâle pour tube gaz



Ref: ZBMSG

Male welding counter flange for gas tube

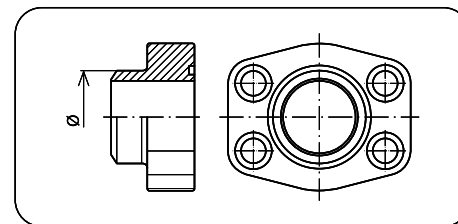
Contrabrida soldable de tubo gas
Gegensbride soldbar für Gas
Contrebrida à souder mâle pour tube gaz



Ref: ZBCMSG

Male welding flange for metric tube

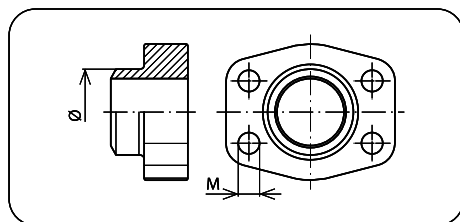
Bride soldable flange de tube métrique
Bridas soldables macho para tubo métrico
Bridage à souder mâle pour tube métrique



Ref: ZBMSM

Male welding counter flange for metric tube

Contrabrida soldable de tube métrique
Contrebride à souder mâle pour tube métrique
Contrebrida à souder mâle para tubo métrico



Ref: ZBCMSM

SAE Flanges

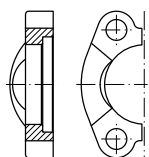
Bridas SAE
SAE-Flansche
Brides SAE

SAE Split flange

Brida partida pasante

Durchgehender Halbflansch

Demi-bride passage total



SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
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	102.4	3"	ZBBP3481024	*
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	*

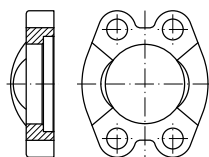
*See prices in p.37 (FITTINGS) / *Ver precios en p. 37 (CONEXIONES) / *Vgl. Sie die Preise auf S. 37 (ARMATUREN) / *Prix à la p.37 (EMBOUTS)

SAE Flange

Brida entera pasante

Durchgehender Vollflansch

Bride monobloc passage total



SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part n° Referencia	€
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	*
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	*

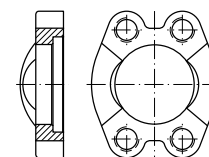
*See prices p.37 (FITTINGS) / *Ver precios en p. 37 (CONEXIONES) / *Vgl. Sie die Preise auf S. 37 (ARMATUREN) / *Prix à la p.37 (EMBOUTS)

SAE counter-flange

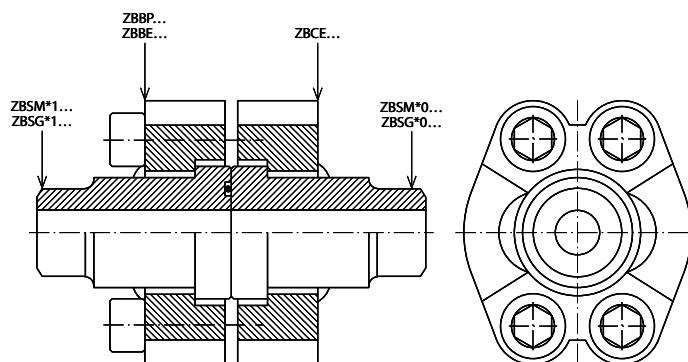
Contrabrida rosca

Gewindegegenflansch

Contre-bride passage total



SERIE	Ø	SIZE TAMAÑO	Part n° Referencia	€
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	*



SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

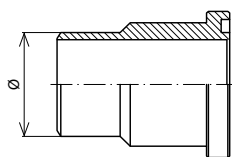
Trile LOK

Flange welding adaptor for metric tube

Brida cono soldable tubo métrico

Vorschweißflansch kon. Rohr metr.

Bride collet à souder tube métrique



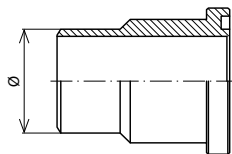
SERIE	Ø OUTER Ø EXT.	SIZE TAMAÑO	Part nº Referencia	€
3000 PSI	16	1/2"	ZBSM3108016	68,12
3000 PSI	25	3/4"	ZBSM3112025	81,74
3000 PSI	30	1"	ZBSM3116030	102,15
3000 PSI	38	1"1/4	ZBSM3120038	122,59
3000 PSI	45	1"1/2	ZBSM3124045	170,27
3000 PSI	60	2"	ZBSM3132060	204,33
3000 PSI	70	2"1/2	ZBSM3140070	272,42
3000 PSI	80	3"	ZBSM3148080	476,75
3000 PSI	100	3"1/2	ZBSM3156100	681,08
3000 PSI	114.3	4"	ZBSM3164114	817,29
6000 PSI	16	1/2"	ZBSM6108016	68,12
6000 PSI	25	3/4"	ZBSM6112025	102,15
6000 PSI	30	1"	ZBSM6116030	112,37
6000 PSI	38	1"1/4	ZBSM6120038	130,80
6000 PSI	45	1"1/2	ZBSM6124045	187,28
6000 PSI	60	2"	ZBSM6132060	224,74

Flange welding adaptor for gas tube

Brida cono soldable tubo gas

Vorschweißflansch kon. Rohr Gas

Bride collet à souder tube gaz



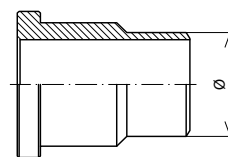
SERIE	Ø INNER Ø INT.	SIZE TAMAÑO	Part nº Referencia	€
3000 PSI	21.5	1/2"	ZBSG3108215	68,12
3000 PSI	28.0	3/4"	ZBSG3112280	81,74
3000 PSI	34.0	1"	ZBSG3116340	102,15
3000 PSI	42.8	1"1/4	ZBSG3120428	122,60
3000 PSI	48.6	1"1/2	ZBSG3124486	170,27
3000 PSI	61.0	2"	ZBSG3132610	204,33
6000 PSI	21.5	1/2"	ZBSG6108215	68,12
6000 PSI	28.0	3/4"	ZBSG6112280	102,15
6000 PSI	34.0	1"	ZBSG6116340	112,38
6000 PSI	42.8	1"1/4	ZBSG6120428	130,80
6000 PSI	48.6	1"1/2	ZBSG6124486	187,29
6000 PSI	61.0	2"	ZBSG6132610	224,74

Counter-flange welding adaptor for metric tube

Contrabrida cono soldable tubo métrico

Schweiß-Gegenflansch kon. Rohr metr.

Contre-bride collet à souder tube métrique



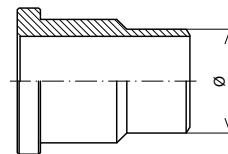
SERIE	Ø OUTER Ø EXT.	SIZE TAMAÑO	Part nº Referencia	€
3000 PSI	16	1/2"	ZBSM3008016	68,12
3000 PSI	25	3/4"	ZBSM3012025	81,74
3000 PSI	30	1"	ZBSM3016030	102,15
3000 PSI	38	1"1/4	ZBSM3020038	122,60
3000 PSI	45	1"1/2	ZBSM3024045	170,27
3000 PSI	60	2"	ZBSM3032060	204,33
3000 PSI	70	2"1/2	ZBSM3040070	272,42
3000 PSI	80	3"	ZBSM3048080	476,75
3000 PSI	100	3"1/2	ZBSM3056100	681,08
3000 PSI	114.3	4"	ZBSM3064114	817,29
6000 PSI	16	1/2"	ZBSM6008016	68,12
6000 PSI	25	3/4"	ZBSM6012025	102,15
6000 PSI	30	1"	ZBSM6016030	112,38
6000 PSI	38	1"1/4	ZBSM6020038	130,80
6000 PSI	45	1"1/2	ZBSM6024045	187,29
6000 PSI	60	2"	ZBSM6032060	224,74

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	Ø INNER Ø INT.	SIZE TAMAÑO	Part nº Referencia	€
3000 PSI	21.5	1/2"	ZBSG3008215	68,12
3000 PSI	28.0	3/4"	ZBSG3012280	81,74
3000 PSI	34.0	1"	ZBSG3016340	102,15
3000 PSI	42.8	1"1/4	ZBSG3020428	122,60
3000 PSI	48.6	1"1/2	ZBSG3024486	170,27
3000 PSI	61.0	2"	ZBSG3032610	204,33
6000 PSI	21.5	1/2"	ZBSG6008215	68,12
6000 PSI	28.0	3/4"	ZBSG6012280	102,15
6000 PSI	34.0	1"	ZBSG6016340	112,38
6000 PSI	42.8	1"1/4	ZBSG6020428	130,80
6000 PSI	48.6	1"1/2	ZBSG6024486	187,29
6000 PSI	61.0	2"	ZBSG6032610	224,74

SAE Flanges

Bridas SAE
SAE-Flansche
Brides SAE

Screws for SAE flanges

Tornillos para bridas SAE

Schrauben für SAE-Flansche

Vis pour brides SAE



THREAD ROSCA	SIZE TAMAÑO	Part nº Referencia	€
M8X30	3000-6000 PSI 1/2"	ZTB8X30	0,80
M10X35	3000 PSI 3/4"-1"	ZTB10X35	1,51
M10X40	3000 PSI 1" 1/4 - 6000 PSI 3/4"	ZTB10X40	1,65
M12X45	3000 PSI 1"1/2-2"-2"1/2-6000 PSI 1"	ZTB12X45	3,21
M14X45	6000 PSI 1"1/4	ZTB14X45	5,18
M16X50	3000 PSI 3"-3"1/2"-4"- 6000 PSI 1" 1/2	ZTB16X50	7,10
M20X70	6000 PSI 2"	ZTB20X70	16,25

Seals for 3000/6000 PSI flange

Juntas para bridas SAE 3000/6000 PSI

Dichtungen 3000/6000 PSI-Flansch

Joints pour bride série 3000/6000



Ø OUTER Ø EXT.	Ø INNER Ø INT.	SIZE TAMAÑO	Part nº Referencia	€
25.40	17.02	1/2"	JBR08	*
31.72	23.36	3/4"	JBR12	*
39.62	31.24	1"	JBR16	*
44.45	36.07	1"1/4	JBR20	*
53.98	45.34	1"1/2	JBR24	*
63.50	54.86	2"	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



Ø INNER Ø INT.	SIZE TAMAÑO	Part nº Referencia	€
18.64	1/2"	18.64X3.53	*
24.99	3/4"	24.99X3.53	*
32.92	1"	32.92X3.53	*
37.70	1"1/4	37.70X3.53	*
47.22	1"1/2	47.22X3.53	*
56.74	2"	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

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

TrΔle LOK

Light serie simple clamp

Abrazadera ligera simple completa

Einfache Befestigungsschelle komplett - Leichte Serie

Collier de fixation simple complet, série légère



DN	GROUP GRUPO	Part nº Referencia	€
6	G-1	ZA40AZ06	11,01
8	G-1	ZA40AZ08	11,01
10	G-1	ZA40AZ10	11,01
12	G-1	ZA40AZ12	11,01
14	G-2	ZA40AZ14	11,62
15	G-2	ZA40AZ15	11,62
16	G-2	ZA40AZ16	11,62
18	G-2	ZA40AZ18	11,62
20	G-3	ZA40AZ20	12,42
22	G-3	ZA40AZ22	12,42
23	G-3	ZA40AZ23	12,42
25	G-3	ZA40AZ25	12,42
28	G-4	ZA40AZ28	13,71
30	G-4	ZA40AZ30	13,71
38	G-5	ZA40AZ38	15,83
40	G-5	ZA40AZ40	15,83
42	G-5	ZA40AZ42	15,83

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	GROUP GRUPO	Part nº Referencia	€
8	G-1	ZA40AZ08PL	11,01
10	G-1	ZA40AZ10PL	11,01
12	G-1	ZA40AZ12PL	11,01
1/4"	G-2	ZA40AZ13.2PL	11,62
15	G-2	ZA40AZ15PL	11,62
3/8"	G-2	ZA40AZ16.7PL	11,62
18	G-2	ZA40AZ18PL	11,62
20	G-3	ZA40AZ20PL	12,42
1/2"	G-3	ZA40AZ21.3PL	12,42
22	G-3	ZA40AZ22PL	12,42
25	G-3	ZA40AZ25PL	12,42
3/4"	G-4	ZA40AZ26.7PL	13,71
28	G-4	ZA40AZ28PL	13,71
30	G-4	ZA40AZ30PL	13,71
1"	G-5	ZA40AZ33.3PL	15,83
35	G-5	ZA40AZ35PL	15,83
38	G-5	ZA40AZ38PL	15,83
42	G-5	ZA40AZ42PL	15,83

Light serie reinforced clamp

Abrazadera ligera reforzada completa

Befestigungsschelle komplett - Leichte Serie verstärkt

Collier de fixation simple série légère renforcé complet



DN	GROUP GRUPO	Part nº Referencia	€
6	G-1	ZA41AZ06	13,99
8	G-1	ZA41AZ08	13,99
10	G-1	ZA41AZ10	13,99
12	G-1	ZA41AZ12	13,99
14	G-2	ZA41AZ14	14,94
15	G-2	ZA41AZ15	14,94
16	G-2	ZA41AZ16	14,94
18	G-2	ZA41AZ18	14,94
20	G-3	ZA41AZ20	16,20
22	G-3	ZA41AZ22	16,20
23	G-3	ZA41AZ23	16,20
25	G-3	ZA41AZ25	16,20
28	G-4	ZA41AZ28	17,44
30	G-4	ZA41AZ30	17,44
38	G-5	ZA41AZ38	20,61
40	G-5	ZA41AZ40	20,61
42	G-5	ZA41AZ42	20,61

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	GROUP GRUPO	Part nº Referencia	€
8	G-1	ZA41AZ08PL	13,99
10	G-1	ZA41AZ10PL	13,99
12	G-1	ZA41AZ12PL	13,99
1/4"	G-2	ZA41AZ13.2PL	14,94
15	G-2	ZA41AZ15PL	14,94
3/8"	G-2	ZA41AZ16.7PL	14,94
18	G-2	ZA41AZ18PL	14,94
20	G-3	ZA41AZ20PL	16,20
1/2"	G-3	ZA41AZ21.3PL	16,20
22	G-3	ZA41AZ22PL	16,20
25	G-3	ZA41AZ25PL	16,20
3/4"	G-4	ZA41AZ26.7PL	17,44
28	G-4	ZA41AZ28PL	17,44
30	G-4	ZA41AZ30PL	17,44
1"	G-5	ZA41AZ33.3PL	20,61
35	G-5	ZA41AZ35PL	20,61
38	G-5	ZA41AZ38PL	20,61
42	G-5	ZA41AZ42PL	20,61

TrΔle Clamps

Abrazaderas TrΔle
Schellen
Colliers TrΔle

Plastics polypropylene, light serie

Plásticos polipropileno, serie ligera

Polypropylenteile, Leichte Serie

Plastique polypropylene, série légère

DN	GROUP GRUPO	Part n° Referencia	€
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	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

GROUP GRUPO	Part n° Referencia	€
1	ZAPIN1	8,68
2	ZAPIN2	9,02
3	ZAPIN3	9,41
4	ZAPIN4	9,80
5	ZAPIN5	10,47
6	ZAPIN6	13,05

Upper plate, light serie

Chapas superiores, serie ligera

Oberbleche, Leichte Serie

Plaque supérieure, série légère

GROUP GRUPO	Part n° Referencia	€
1	ZAPS1	2,71
2	ZAPS2	3,00
3	ZAPS3	3,39
4	ZAPS4	3,87
5	ZAPS5	4,50
6	ZAPS6	5,18

Allen screw, light serie

Tornillos Allen, serie ligera

Allen-Schrauben, Leichte Serie

Vis Allen, série légère

THREAD ROSCA	GROUP GRUPO	Part n° Referencia	€
M6	1	ZAVTC1	0,97
M6	2	ZAVTC2	0,45
M6	3	ZAVTC3	1,22
M6	4	ZAVTC4	1,59
M6	5	ZAVTC5	2,05
M6	6	ZAVTC6	2,54

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

THREAD ROSCA	GROUP GRUPO	Part n° Referencia	€
M6	1	ZAVTE1	0,97
M6	2	ZAVTE2	1,10
M6	3	ZAVTE3	1,35
M6	4	ZAVTE4	1,43
M6	5	ZAVTE5	2,11
M6	6	ZAVTE6	3,05

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

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

GROUP GRUPO	Part n° Referencia	€
1	ZAPA1	1,25
2	ZAPA2	1,50
4	ZAPA4	1,94
3	ZAPA3	1,72
5	ZAPA5	2,19
6	ZAPA6	3,07

TrΔle Clamps

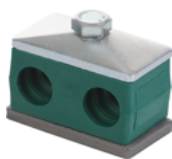
Abrazaderas TrΔle
Schellen
Colliers TrΔle

Double clamp - parallel

Abrazaderas dobles completas

Doppelte Befestigungsschellen - komplett

Colliers de fixation doubles complets



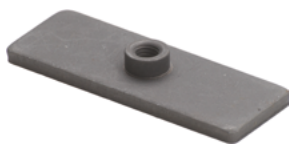
DN	GROUP GRUPO	Part n° Referencia	€
6	G.1	ZAZCFS06	10,23
8	G.1	ZAZCFS08	10,23
10	G.1	ZAZCFS10	10,23
12	G.1	ZAZCFS12	10,23
14	G.2	ZAZCFS14	20,21
15	G.2	ZAZCFS15	20,21
16	G.2	ZAZCFS16	20,21
18	G.2	ZAZCFS18	20,21
20	G.3	ZAZCFS20	21,77
22	G.3	ZAZCFS22	21,77
25	G.3	ZAZCFS25	21,77
28	G.4	ZAZCFS28	26,51
30	G.4	ZAZCFS30	26,51
35	G.5	ZAZCFS35	31,47
38	G.5	ZAZCFS38	31,47
40	G.5	ZAZCFS40	31,47
42	G.5	ZAZCFS42	31,47

Double Lower plate

Chapas inferiores

Unterbleche

Plaques inférieures à souder double



THREAD ROSCA	GROUP GRUPO	Part n° Referencia	€
M6	1	ZADPIN1	5,66
M8	2	ZADPIN2	12,95
M8	3	ZADPIN3	13,78
M8	4	ZADPIN4	14,73
M8	5	ZADPIN5	16,28

Double Upper plate

Chapas superiores

Oberbleche

Plaques supérieures de protection double



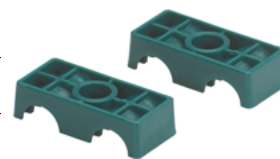
GROUP GRUPO	Part n° Referencia	€
1	ZADPS1	2,92
2	ZADPS2	4,50
3	ZADPS3	4,99
4	ZADPS4	8,50
5	ZADPS5	10,42

Double plastics polypropylene

Plásticos polipropileno dobles

Polypropylenteile doppelt

Plastiques polypropylene doubles



DN	GROUP GRUPO	Part n° Referencia	€
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



THREAD ROSCA	GROUP GRUPO	Part n° Referencia	€
M6	1	ZADVTE1	1,22
M8	2	ZADVTE2	2,43
M8	3	ZADVTE3	2,51
M8	4	ZADVTE4	2,59
M8	5	ZADVTE5	3,46

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

TrΔle Clamps

Abrazaderas TrΔle
Schellen
Colliers TrΔle

Heavy Series Stainless Steel Clamps

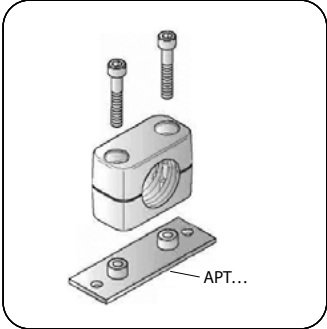
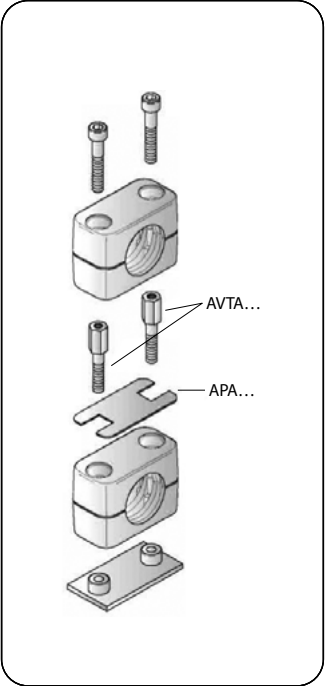
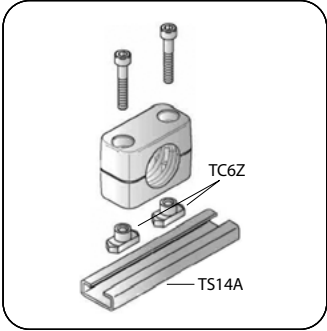
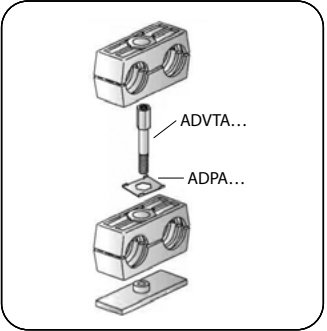
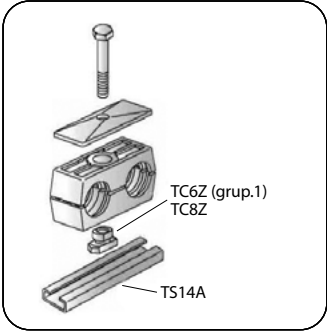
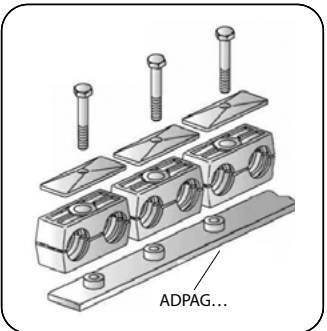
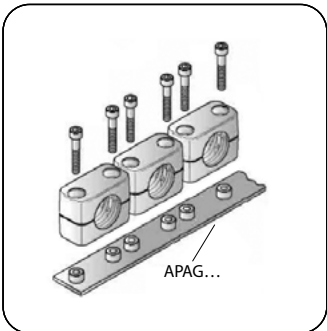
Abrazaderas Inox Serie pesada completas

Schwere Serie Edelstahlklammern

Pinces en acier inoxydable série lourde



DN	GROUP GRUPO	Part nº Referencia	€
6	1	ZAZCPS06	41,40
8	1	ZAZCPS08	41,40
10	1	ZAZCPS10	41,40
12	1	ZAZCPS12	41,40
1/4"	1	ZAZCPS13.2	41,40
14	1	ZAZCPS14	41,40
15	1	ZAZCPS15	41,40
16	1	ZAZCPS16	41,40
3/8	1	ZAZCPS17.2	41,40
18	1	ZAZCPS18	41,40
20	2	ZAZCPS20	50,18
1/2"	2	ZAZCPS21.3	50,18
22	2	ZAZCPS22	50,18
25	2	ZAZCPS25	50,18
3/4"	2	ZAZCPS26.7	50,18
28	2	ZAZCPS28	50,18
30	2	ZAZCPS30	50,18
32	3	ZAZCPS32	62,72
1"	3	ZAZCPS33.3	62,72
35	3	ZAZCPS35	62,72
38	3	ZAZCPS38	62,72
40	3	ZAZCPS40	62,72
42 - 1" 1/4	3	ZAZCPS42	62,72
45	4	ZAZCPS45	125,44
48-1" 1/2	4	ZAZCPS48	125,44
50	4	ZAZCPS50	125,44
55	4	ZAZCPS55	125,44
2"	4	ZAZCPS60.3	125,44
65	4	ZAZCPS65	125,44
70	4	ZAZCPS70	125,44



TrΔle Clamps

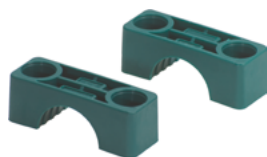
Abrazaderas TrΔle
Schellen
Colliers TrΔle

Plastics polypropylene, heavy serie

Plásticos polipropileno, serie pesada

Polypropylenteil, Schwere Serie

Plastique polypropylene, série lourde



DN	GROUP GRUPO	Part n° Referencia	€
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

Lower plate, heavy serie

Chapas inferiores, serie pesada

Unterbleche, Schwere Serie

Plaque inférieure, série lourde



THREAD ROSCA	GROUP GRUPO	Part n° Referencia	€
M10	1	ZAPINP1	32,31
M10	2	ZAPINP2	42,59
M10	3	ZAPINP3	52,85
M12	4	ZAPINP4	80,54

Upper plate, heavy serie

Chapas superiores, serie pesada

Oberbleche, Schwere Serie

Plaque supérieure, série lourde



GROUP GRUPO	Part n° Referencia	€
1	ZAPSP1	14,78
2	ZAPSP2	16,75
3	ZAPSP3	21,92
4	ZAPSP4	50,14

Screw, heavy serie

Tornillos, serie pesada

Schrauben, Schwere Serie

Vis, série lourde



THREAD ROSCA	GROUP GRUPO	Part n° Referencia	€
M10	1	ZAVTEP1	3,83
M10	2	ZAVTEP2	4,55
M10	3	ZAVTEP3	5,20
M12	4	ZAVTEP4	10,98

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

Rail accessories

Accesorios para carril

Zubehör für Schiene

Accessoires pour rail



THREAD ROSCA	DESCRIPTION DESCRIPCIÓN	Part n° Referencia	€
M6	Rail nut	TC6I	10,41
M8	Rail nut	TC8I	14,52
--	Mounting rail	TS11I	60,62
--	Mounting rail	TS14I	67,03

Adaptors

Adaptadores
Adapter
Adapteurs

BSP Adaptors <i>Adaptadores BSP</i> Adapter BSP <i>Adapteurs BSP</i>	151
NPT Adaptors <i>Adaptadores NPT</i> Adapter NPT <i>Adapteurs NPT</i>	159
O'Ring Boss Adaptors <i>Adaptadores O'Ring Boss</i> Adapter O'Ring Boss <i>Adapteurs O'Ring Boss</i>	162
ORFS Adaptors <i>Adaptadores ORFS</i> Adapter ORFS <i>Adapteurs ORFS</i>	164

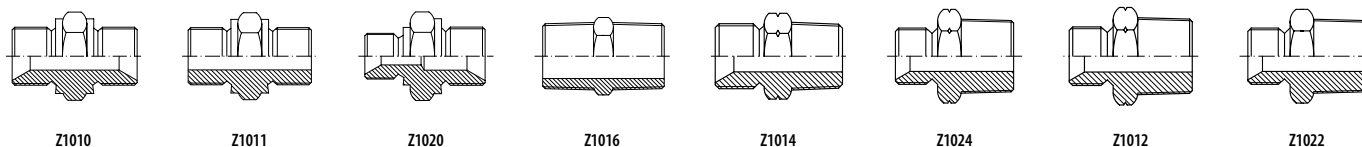
4

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

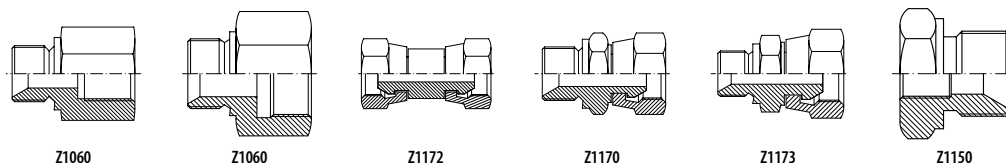
■ Straight male adaptors / Uniones rectas macho / Gerade Verschraubungen m / Unions mâle

151



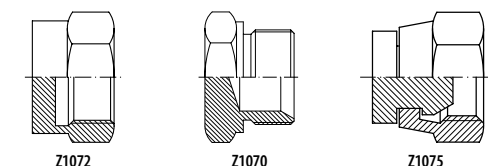
■ Adaptors male-female / Uniones rectas macho-hembra / Gerade Verschraubungen m - w / Unions mâle-femelle

153



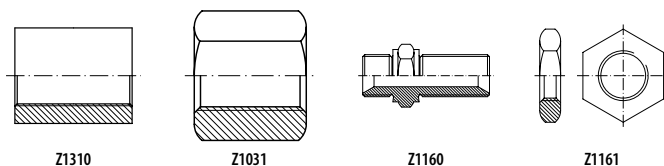
■ Plugs / Tapones / Stopfen / Bouchons

154



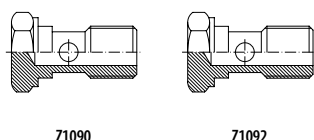
■ Female adaptors and bulkheads / Uniones hembra y pasatabiques / Verschraubungen w und Schottverschraubungen / Unions femelle et passe-cloison

155



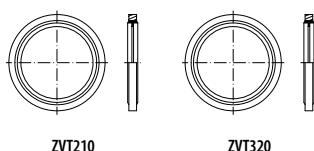
■ Banjos / Orientables / Ringaugen / Adapteurs orientables

155



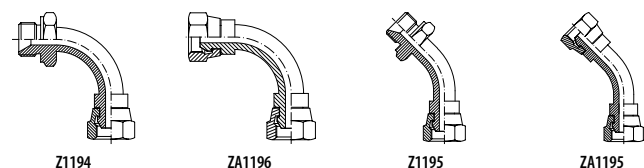
■ Joints / Juntas metal FKM / USIT-Dichtringe / Bague BS

156



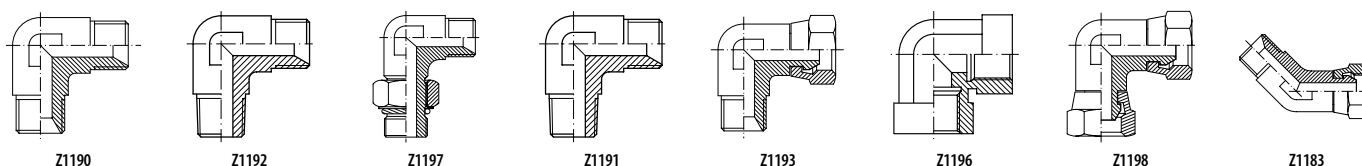
■ Elbows / Codos accesoriales / Winkel - W / Adapteurs coude accessoiriel

156



■ Forging elbows / Codos en forja / W-Guss-Stücke / Adapteurs coude en forge

157



BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

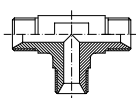
Control components

Flow measuring

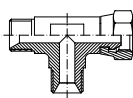
Tr/Le LOK

■ Forging Tees / Tes en forja / T-Verschraubungen Guss / Adapteurs Té en forge

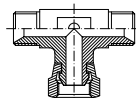
158



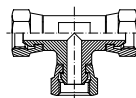
Z1220



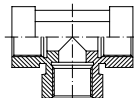
Z1222



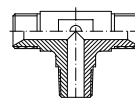
Z1224



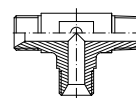
Z1228



Z1226



Z1221

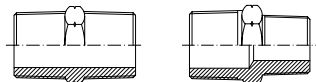


Z1223

NPT Adaptors

Adaptadores NPT
Adapter NPT
Adapteurs NPT

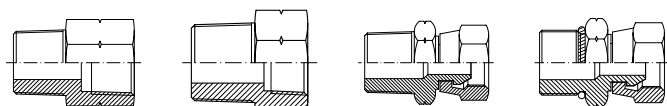
- Straight male adaptors / Uniones rectas macho-macho / Gerade Verschraubungen m - m / Unions mâle | 159



Z1015

ZN1015

- Adaptors male-female / Uniones rectas macho-hembra / Gerade Verschraubungen m - w / Unions mâle-femelle | 159



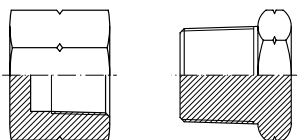
ZN1060

ZN1150

ZN1170

ZN1174

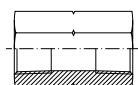
- Plugs / Tapones / Stopfen / Bouchons | 160



ZN1072

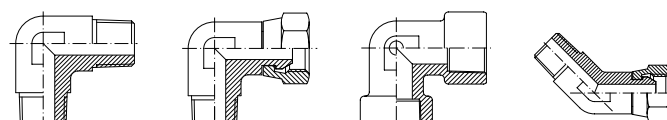
ZN1070

- Female adaptors and bulkheads / Uniones hembra y pasatabiques / Verschraubungen w und Schottverschraubungen / Unions femelle et passe cloisson | 160



ZN1031

- Forging elbows / Codos en forja / W-Guss-Stücke / Adapteurs coude en forge | 161



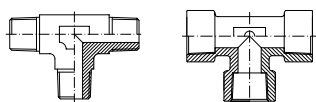
ZN1190

ZN1193

ZN1196

ZN1393

- Forging tees / Tes en forja / T-Verschraubungen Guss / Adapteurs Té en forge | 161



ZN1220

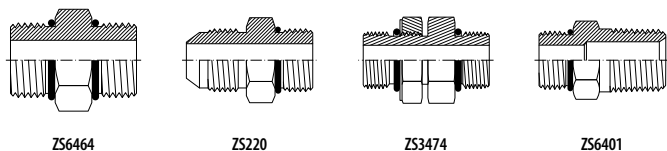
ZN1226

O'Ring Boss Adaptors

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

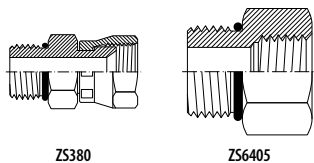
- Straight male adaptors / Uniones rectas macho / Gerade Verschraubungen m / Unions mâle

| 162



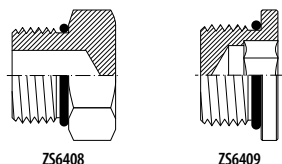
- Adaptors male-female / Uniones rectas macho-hembra / Gerade Verschraubungen m - w / Unions mâle-femelle

| 162



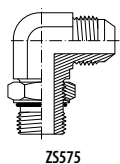
- Plugs / Tapones / Stopfen / Bouchons

| 163



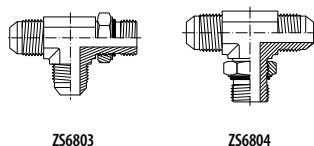
- Forging elbows and tees / Codos en forja / W- und T-Guss-Stücke / Adapteurs coude et té en forge

| 163



- Forging Tees / Tes en forja / T-Verschraubungen Guss / Adapteurs Té en forge

| 163



ORFS Adaptors

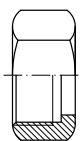
Adaptadores ORFS

Adapter ORFS

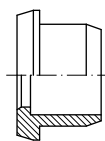
Adapteurs ORFS

- ORFS Nuts, nipples and plugs / Conos y tapones ORFS / Ü-Muttern, Konusse und Verschlussstopfen ORFS / Écrous, collets et bouchons ORFS

164



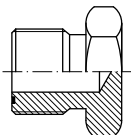
ZOR102



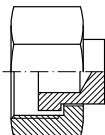
ZOR1273

- Plugs / Tapones / Verschlüsse / Bouchons

164



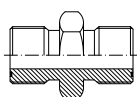
ZOR104



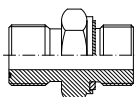
ZOR105

- ORFS Straight unions / Uniones rectas ORFS / Gerade ORFS-Verschraubungen / Unions droites ORFS

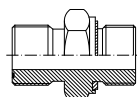
164



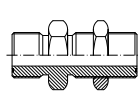
ZOR200



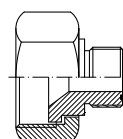
ZOR202



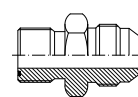
ZOR1017



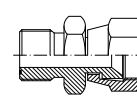
ZOR106



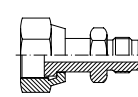
ZOR301



ZOR204



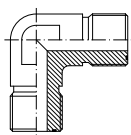
ZOR302



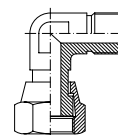
ZOR305

- ORFS Elbows / Codos en forja ORFS / ORFS-Winkel - w ORFS / Coudes ORFS

166



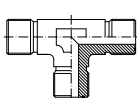
ZOR405



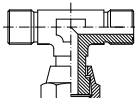
ZOR600

- ORFS Tees / Tes en forja ORFS / T-Verschraubungen ORFS / Tés ORFS

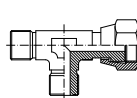
166



ZOR700



ZOR701



ZOR702



JVORFS

BSP Adaptors

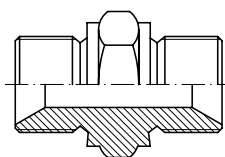
Adaptadores BSP
Adapter BSP
Adapteurs BSP

Adaptor male BSP 60° - male BSP 60°

Adaptador macho - macho BSP cone 60°

Doppelnippel AGR-AGR

Adapteur mâle BSP - mâle BSP cone 60°



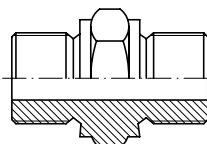
THREAD ROSCA		Part n° Referencia	€
1/8" BSP	1/8" BSP	Z101002	8,06
1/4" BSP	1/4" BSP	Z101004	7,43
1/4" BSP	1/4" BSP	Z101004H19	10,36
3/8" BSP	3/8" BSP	Z101006	8,73
1/2" BSP	1/2" BSP	Z101008	11,91
5/8" BSP	5/8" BSP	Z101010	26,41
3/4" BSP	3/4" BSP	Z101012	17,85
1" BSP	1" BSP	Z101016	34,60
1"1/4 BSP	1"1/4 BSP	Z101020	53,64
1"1/2 BSP	1"1/2 BSP	Z101024	60,57
2" BSP	2" BSP	Z101032	101,50
2" BSP	2" BSP	Z101032H70	139,94

Adaptor male BSP - male BSP flat seat

Adaptador macho - macho BSP asiento plano

Doppelnippel AGR-AGR flachdichtend

Adapteur mâle BSP - mâle BSP fond plat



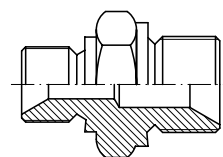
THREAD ROSCA		Part n° Referencia	€
1/4 BSP	1/4 BSP	Z101104	11,61
3/8 BSP	3/8 BSP	Z101106	13,53
1/2 BSP	1/2 BSP	Z101108	14,95
3/4 BSP	3/4 BSP	Z101112	20,38
1" BSP	1" BSP	Z101116	37,37
1"1/4 BSP	1"1/4 BSP	Z101120	57,24
1"1/2 BSP	1"1/2 BSP	Z101124	67,73
2" BSP	2" BSP	Z101132	112,94

Reducer male adaptor BSP 60° - male BSP 60°

Reductor macho - macho BSP cone 60°

Reduziernippel AGR-AGR

Réducteur mâle BSP - mâle BSP cone 60°



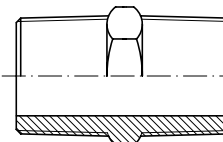
THREAD ROSCA		Part n° Referencia	€
1/8" BSP	1/4" BSP	Z10200204	8,18
1/8" BSP	1/4" BSP	Z10200204H19	10,31
1/8" BSP	3/8" BSP	Z10200206	15,05
1/4" BSP	3/8" BSP	Z10200406	9,45
1/4" BSP	1/2" BSP	Z10200408	14,09
1/4" BSP	3/4" BSP	Z10200412	20,29
3/8" BSP	1/2" BSP	Z10200608	13,49
3/8" BSP	3/4" BSP	Z10200612	23,90
1/2" BSP	3/4" BSP	Z10200812	19,96
1/2" BSP	1" BSP	Z10200816	32,91
5/8" BSP	1/2" BSP	Z10201008	32,02
5/8" BSP	3/4" BSP	Z10201012	36,72
3/4" BSP	1" BSP	Z10201216	38,14
3/4" BSP	1"1/4 BSP	Z10201220	52,49
1" BSP	1"1/4 BSP	Z10201620	50,94
1" BSP	1"1/2 BSP	Z10201624	75,48
1"1/4 BSP	1"1/2 BSP	Z10202024	72,56
1"1/4 BSP	2" BSP	Z10202032	115,33
1"1/2 BSP	2" BSP	Z10202432	114,20
1"1/2 BSP	2" BSP	Z10202432H70	144,88

Adaptor male BSPT - male BSPT

Adaptador macho - macho BSPT

Doppelnippel AGRR-AGRR

Adaptor mâle gaz conique BSPT - mâle gaz conique BSPT



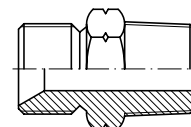
THREAD ROSCA		Part n° Referencia	€
1/4" BSPT	1/4" BSPT	Z10160404	9,61
3/8" BSPT	3/8" BSPT	Z10160606	12,40
1/2" BSPT	1/2" BSPT	Z10160808	13,15
3/4" BSPT	3/4" BSPT	Z10161212	20,96
1" BSPT	1" BSPT	Z10161616	38,91
1" 1/4 BSPT	1" 1/4 BSPT	Z10162020	68,01
1" 1/2 BSPT	1" 1/2 BSPT	Z10162424	83,32
2" BSPT	2" BSPT	Z10163232	129,15

Adaptor male BSP 60° - male NPT

Adaptador macho BSP 60° - macho NPT

Doppelnippel AGR-AGN

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



THREAD ROSCA		Part n° Referencia	€
1/8" BSP	1/8" NPT	Z101402	9,82
1/4" BSP	1/4" NPT	Z101404	8,58
3/8" BSP	3/8" NPT	Z101406	11,09
1/2" BSP	1/2" NPT	Z101408	12,76
3/4" BSP	3/4" NPT	Z101412	17,60
1" BSP	1" NPT	Z101416	31,40
1"1/4 BSP	1"1/4 NPT	Z101420	49,16
1"1/2 BSP	1"1/2 NPT	Z101424	73,46
2" BSP	2" NPT	Z101432	103,25

BSP Adaptors

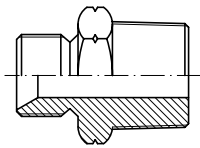
Adaptadores BSP
Adapter BSP
Adapteurs BSP

Reducer adaptor male BSP 60° - male NPT

Reductor macho BSP 60° - macho NPT

Reduziernippel AGR-AGN

Réducteur mâle BSP cone 60° - mâle BRIGGS NPT



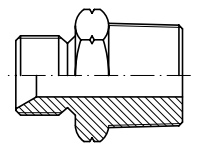
THREAD ROSCA		Part nº Referencia	€
1/8" BSP	1/4" NPT	Z10240204	15,23
1/4" BSP	1/8" NPT	Z10240402	16,37
1/4" BSP	3/8" NPT	Z10240406	13,98
1/4" BSP	1/2" NPT	Z10240408	18,10
3/8" BSP	1/4" NPT	Z10240604	16,10
3/8" BSP	1/2" NPT	Z10240608	17,60
3/8" BSP	3/4" NPT	Z10240612	22,10
1/2" BSP	3/8" NPT	Z10240806	18,09
1/2" BSP	3/4" NPT	Z10240812	22,72
5/8" BSP	3/4" NPT	Z10241012	32,37
3/4" BSP	1/4" NPT	Z10241204	38,94
3/4" BSP	3/8" NPT	Z10241206	24,91
3/4" BSP	1/2" NPT	Z10241208	27,48
3/4" BSP	1" NPT	Z10241216	33,79
3/4" BSP	1" 1/4 NPT	Z10241220	77,05
3/4" BSP	1" 1/2 NPT	Z10241224	81,26
1" BSP	1/2" NPT	Z10241608	36,54
1" BSP	3/4" NPT	Z10241612	35,68
1" BSP	1" 1/4 NPT	Z10241620	59,91
1" 1/4 BSP	1" NPT	Z10242016	70,08
1" 1/4 BSP	1" 1/2 NPT	Z10242024	75,15
1" 1/2 BSP	1" 1/4 NPT	Z10242420	80,73
1" 1/2 BSP	2" NPT	Z10242432	108,99
2" BSP	1" 1/2 NPT	Z10243224	111,20

Adaptor male BSP 60° - male BSPT

Adaptador macho BSP 60° - macho BSPT

Doppelnippel AGR-AGRR

Adapteur mâle BSP cone 60° - mâle gaz conique BSPT



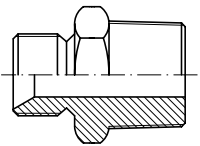
THREAD ROSCA		Part nº Referencia	€
1/8" BSP	1/8" BSPT	Z101202	9,08
1/4" BSP	1/4" BSPT	Z101204	8,09
3/8" BSP	3/8" BSPT	Z101206	10,29
1/2" BSP	1/2" BSPT	Z101208	12,69
3/4" BSP	3/4" BSPT	Z101212	17,28
1" BSP	1" BSPT	Z101216	30,17
1" 1/4 BSP	1" 1/4 BSPT	Z101220	53,63
1" 1/2 BSP	1" 1/2 BSPT	Z101224	71,75
2" BSP	2" BSPT	Z101232	103,47

Reducer adaptor male BSP 60° - male BSPT

Reductor macho BSP 60° - macho BSPT

Reduziernippel AGR-AGRR

Réducteur mâle BSP cone 60° - mâle gaz conique BSPT



THREAD ROSCA		Part nº Referencia	€
1/8" BSP	1/4" BSPT	Z10220204	20,36
1/4" BSP	1/8" BSPT	Z10220402	14,03
1/4" BSP	3/8" BSPT	Z10220406	15,53
1/4" BSP	1/2" BSPT	Z10220408	18,44
1/4" BSP	3/4" BSPT	Z10220412	33,60
3/8" BSP	1/2" BSPT	Z10220608	13,41
3/8" BSP	3/4" BSPT	Z10220612	29,52
1/2" BSP	1/4" BSPT	Z10220804	22,56
1/2" BSP	3/8" BSPT	Z10220806	17,98
1/2" BSP	3/4" BSPT	Z10220812	22,79
1/2" BSP	1" BSPT	Z10220816	37,98
5/8" BSP	3/4" BSPT	Z10221012	22,67
3/4" BSP	1/4" BSPT	Z10221204	29,16
3/4" BSP	3/8" BSPT	Z10221206	20,74
3/4" BSP	1/2" BSPT	Z10221208	20,85
3/4" BSP	1" BSPT	Z10221216	29,33
1" BSP	3/4" BSPT	Z10221612	32,43
1" BSP	1" 1/4 BSPT	Z10221620	62,41
1" 1/4 BSP	1" BSPT	Z10222016	70,97
1" 1/4 BSP	1" 1/2 BSPT	Z10222024	75,08
1 1/2" BSP	1 1/4" BSPT	Z10222420	79,89
1" 1/2 BSP	2" BSPT	Z10222432	119,53

BSP Adaptors

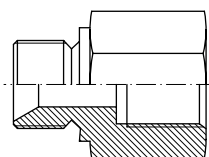
Adaptadores BSP
Adapter BSP
Adapteurs BSP

Adaptor male BSP 60° - fixed female BSP

Prolongador macho BSP 60° - hembra fija BSP

Adapter AGR-IGR

Prolongateur mâle BSP cone 60° - femelle gaz fixe



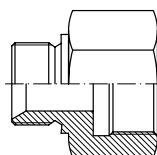
THREAD ROSCA		Part n° Referencia	€
M 1/8" BSP	F 1/8" BSP	Z106002	17,48
M 1/4" BSP	F 1/4" BSP	Z106004	13,06
M 3/8" BSP	F 3/8" BSP	Z106006	13,64
M 1/2" BSP	F 1/2" BSP	Z106008	16,90
M 3/4" BSP	F 3/4" BSP	Z106012	25,76
M 1" BSP	F 1" BSP	Z106016	36,45
M 1 1/4" BSP	F 1 1/4" BSP	Z106020	71,26
M 1 1/2" BSP	F 1 1/2" BSP	Z106024	87,67
M 2" BSP	F 2" BSP	Z106032	135,31

Reducer adaptor male BSP 60° - fixed female BSP

Reductor macho BSP 60° - hembra fija BSP

Reduzierstück AGR fest - IGR fest

Prolongateur réducteur mâle BSP cone 60° - femelle gaz



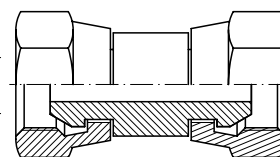
THREAD ROSCA		Part n° Referencia	€
M 1/8" BSP	F 1/4" BSP	Z10600204	15,32
M 1/8" BSP	F 3/8" BSP	Z10600206	23,75
M 1/4" BSP	F 1/8" BSP	Z10600402	16,76
M 1/4" BSP	F 3/8" BSP	Z10600406	21,71
M 1/4" BSP	F 1/2" BSP	Z10600408	23,53
M 3/8" BSP	F 1/4" BSP	Z10600604	17,54
M 3/8" BSP	F 1/2" BSP	Z10600608	22,58
M 1/2" BSP	F 1/4" BSP	Z10600804	24,89
M 1/2" BSP	F 3/8" BSP	Z10600806	20,12
M 1/2" BSP	F 3/4" BSP	Z10600812	25,38
M 3/4" BSP	F 3/8" BSP	Z10601206	22,09
M 3/4" BSP	F 1/2" BSP	Z10601208	21,63
M 3/4" BSP	F 1" BSP	Z10601216	43,85
M 1" BSP	F 3/4" BSP	Z10601612	44,42
M 1" BSP	F 1 1/4" BSP	Z10601620	81,24
M 1 1/4" BSP	F 1" BSP	Z10602016	73,25
M 1 1/2" BSP	F 1 1/4" BSP	Z10602420	85,72
M 1 1/2" BSP	F 2" BSP	Z10602432	121,68
M 2" BSP	F 1 1/2" BSP	Z10603224	118,59

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°



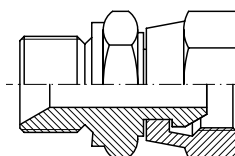
THREAD ROSCA		Part n° Referencia	€
1/4" BSP	1/4" BSP	Z117204	17,62
3/8" BSP	3/8" BSP	Z117206	21,50
1/2" BSP	1/2" BSP	Z117208	25,32
3/4" BSP	3/4" BSP	Z117212	31,58
1" BSP	1" BSP	Z117216	51,93
1" 1/4" BSP	1" 1/4" BSP	Z117220	75,79
1" 1/2" BSP	1" 1/2" BSP	Z117224	107,21
2" BSP	2" BSP	Z117232	109,68

Adaptor male BSP 60° - swivel female BSP 60°

Adaptador macho - hembra giratoria BSP cone 60°

Adapter m - w mit Drallmutter BSP kon. 60°

Adapteur mâle BSP - femelle tournante BSP cone 60°



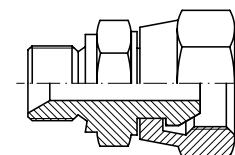
THREAD ROSCA		Part n° Referencia	€
M 1/4" BSP	F 1/4" BSP	Z117004	14,32
M 3/8" BSP	F 3/8" BSP	Z117006	17,48
M 1/2" BSP	F 1/2" BSP	Z117008	22,43
M 3/4" BSP	F 3/4" BSP	Z117012	28,63
M 1" BSP	F 1" BSP	Z117016	53,13
M 1 1/4" BSP	F 1 1/4" BSP	Z117020	88,61
M 1 1/2" BSP	F 1 1/2" BSP	Z117024	110,14
M 2" BSP	F 2" BSP	Z117032	201,63

Reducer male BSP 60° - swivel female BSP 60°

Reductor macho - hembra giratoria BSP cone 60°

Reduziernippel AGR-DKR

Réducteur mâle BSP - femelle tournante BSP cone 60°



THREAD ROSCA		Part n° Referencia	€
M 1/8" BSP	F 1/4" BSP	Z11730204	14,78
M 1/4" BSP	F 1/8" BSP	Z11730402	16,04
M 1/4" BSP	F 3/8" BSP	Z11730406	20,55
M 3/8" BSP	F 1/4" BSP	Z11730604	22,12
M 3/8" BSP	F 1/2" BSP	Z11730608	24,86
M 1/2" BSP	F 3/8" BSP	Z11730806	26,71
M 1/2" BSP	F 3/4" BSP	Z11730812	34,01
M 3/4" BSP	F 1/2" BSP	Z11731208	34,25
M 3/4" BSP	F 1" BSP	Z11731216	56,46
M 1" BSP	F 3/4" BSP	Z11731612	57,27
M 1" BSP	F 1 1/4" BSP	Z11731620	91,57
M 1 1/4" BSP	F 1" BSP	Z11732016	107,39
M 1 1/4" BSP	F 1 1/2" BSP	Z11732024	119,35
M 1 1/2" BSP	F 1 1/4" BSP	Z11732420	121,72
M 1 1/2" BSP	F 2" BSP	Z11732432	184,97
M 2" BSP	F 1 1/2" BSP	Z11733224	174,03

BSP Adaptors

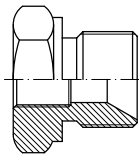
Adaptadores BSP
Adapter BSP
Adapteurs BSP

Reducer plug male BSP 60° - fixed female BSP

Tapón reductor macho BSP 60° - hembra fija BSP

Reduziernippel AGR-IGR fest

Bouchon réducteur mâle BSP cone 60° - femelle gaz



THREAD ROSCA		Part nº Referencia	€
M 1/4" BSP	F 1/8" BSP	Z11500402	9,72
M 3/8" BSP	F 1/8" BSP	Z11500602	14,58
M 3/8" BSP	F 1/4" BSP	Z11500604	14,76
M 1/2" BSP	F 1/4" BSP	Z11500804	16,73
M 1/2" BSP	F 3/8" BSP	Z11500806	16,00
M 3/4" BSP	F 1/2" BSP	Z11501208	19,01
M 1" BSP	F 1/2" BSP	Z11501608	31,40
M 1" BSP	F 3/4" BSP	Z11501612	29,50
M 1" 1/4 BSP	F 3/4" BSP	Z11502012	55,70
M 1" 1/4 BSP	F 1" BSP	Z11502016	51,15
M 1" 1/2 BSP	F 1" BSP	Z11502416	69,97
M 2" BSP	F 1" BSP	Z11503216	102,95
M 2" BSP	F 1 1/4" BSP	Z11503220 *	93,64
M 2" BSP	F 1 1/2" BSP	Z11503224	93,11

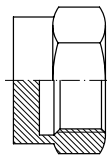
*Until end of stock. / *Hasta fin de existencias. / *Bis zum Ende des Lagerbestandes / *Jusqu'à la fin du stock.

BSP fixed female plug

Tapón hembra hexagonal rosca BSP

Verschlussmutter fest BSP

Bouchon femelle gaz



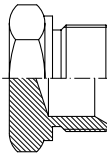
THREAD ROSCA	Part nº Referencia	€
1/4" BSP	Z107204	9,85
3/8" BSP	Z107206	11,31
1/2" BSP	Z107208	12,70
3/4" BSP	Z107212	19,60
1" BSP	Z107216	26,36
1" 1/4 BSP	Z107220	39,40
1" 1/2 BSP	Z107224	55,81
2" BSP	Z107232	84,52

BSP male hexagonal plug

Tapón macho hexagonal rosca BSP 60°

Verschlusssschraube BSP

Bouchon mâle BSP cone 60°



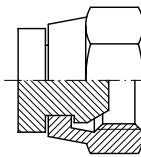
THREAD ROSCA	Part nº Referencia	€
1/8" BSP	Z107002	11,72
1/4" BSP	Z107004	7,44
3/8" BSP	Z107006	8,60
1/2" BSP	Z107008	10,25
3/4" BSP	Z107012	12,43
1" BSP	Z107016	25,70
1" 1/4 BSP	Z107020	41,02
1" 1/2 BSP	Z107024	65,24
2" BSP	Z107032	66,65

BSP swivel female plug

Tapón hembra giratoria BSP cono 60°

Verschlussmutter BSP 60° kon.

Bouchon femelle tournante BSP cone 60°



THREAD ROSCA	Part nº Referencia	€
1/4" BSP	Z107504	8,70
3/8" BSP	Z107506	11,18
1/2" BSP	Z107508	13,49
3/4" BSP	Z107512	19,32
1" BSP	Z107516	30,61
1" 1/4 BSP	Z107520	49,26
1" 1/2 BSP	Z107524	86,60
2" BSP	Z107532	129,24

BSP Adaptors

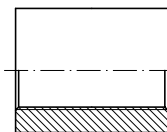
Adaptadores BSP
Adapter BSP
Adapteurs BSP

Adaptor female fixed BSP - female fixed BSP

Manguito redondo roscado hembra BSP

Doppelmuffe IGR fest - IGR fest

Manchon femelle gaz ronde



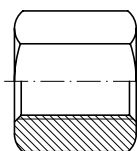
THREAD ROSCA	Part n° Referencia	€
1/8" BSP	Z131002	9,21
1/4" BSP	Z131004	9,08
3/8" BSP	Z131006	13,77
1/2" BSP	Z131008	17,23
5/8" BSP	Z131010	23,20
3/4" BSP	Z131012	23,81
1" BSP	Z131016	33,75
1 1/4" BSP	Z131020	47,93
1 1/2" BSP	Z131024	62,78
2" BSP	Z131032	86,88

Adaptor hexagonal female fixed BSP - female fixed BSP

Manguito hexagonal roscado hembra BSP

Doppelmuffe IGR fest - IGR fest

Manchon femelle gaz - femelle gaz hexagone



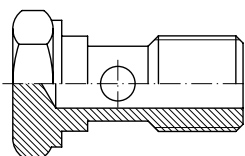
THREAD ROSCA	Part n° Referencia	€
1/4" BSP	Z103104	8,26
3/8" BSP	Z103106	10,55
1/2" BSP	Z103108	15,13
3/4" BSP	Z103112	23,16
1" BSP	Z103116	34,85
1 1/4" BSP	Z103120	71,29
1 1/2" BSP	Z103124	79,30

BSP Bolt for banjo

Tornillo orientable simple BSP

Einfache Hohlsschraube BSP für Ringauge

Vis creuse simple pour banjo gaz



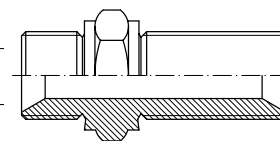
THREAD ROSCA	Part n° Referencia	€
1/4" BSP	Z109004	10,99
3/8" BSP	Z109006	15,83
1/2" BSP	Z109008	21,08
3/4" BSP	Z109012	35,40
1" BSP	Z109016	48,13

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



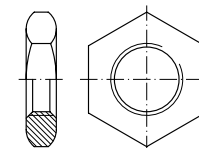
THREAD ROSCA	Part n° Referencia	€
1/4" BSP	Z116004	17,86
3/8" BSP	Z116006	20,65
1/2" BSP	Z116008	25,59
3/4" BSP	Z116012	34,30
1" BSP	Z116016	59,27
1 1/4" BSP	Z116020	84,44
1 1/2" BSP	Z116024	117,90
2" BSP	Z116032	167,76

Conter nut for BSP bulkhead

Tuerca pasatabiques BSP

Gegenmutter DIN 80705 für Schottverschraubungen - GM

Contre-écrou passe-cloison gaz



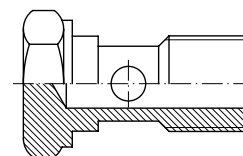
THREAD ROSCA	Part n° Referencia	€
1/4" BSP	Z116104	4,36
3/8" BSP	Z116106	6,07
1/2" BSP	Z116108	7,09
3/4" BSP	Z116112	10,13
1" BSP	Z116116	13,01
1 1/4" BSP	Z116120	26,78
1 1/2" BSP	Z116124	35,00
2" BSP	Z116132	43,50

Metric bolt for banjo

Tornillo orientable simple Métrico

Einfache Hohlsschraube metr. für Ringauge

Vis creuse simple for banjo Métrique



THREAD ROSCA	Part n° Referencia	€
M12X1.5	Z109212	15,90
M14X1.5	Z109214	15,06
M16X1.5	Z109216	16,06
M18X1.5	Z109218	19,82
M22X1.5	Z109222	19,95
M26X1.5	Z109226	41,25
M30X2	Z109230	47,11

BSP Adaptors

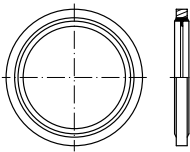
Adaptadores BSP
Adapter BSP
Adapteurs BSP

BSP Bonded Seal FKM

Juntas metal FKM Gas

USIT-Ringe FKM GAS

Bague BS gaz FKM



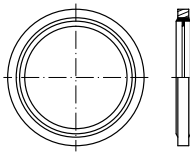
THREAD ROSCA	Part nº Referencia	€
1/8" BSP	ZVT21002	1,26
1/4" BSP	ZVT21004	1,04
3/8" BSP	ZVT21006	1,27
1/2" BSP	ZVT21008	2,07
5/8" BSP	ZVT21010	3,67
3/4" BSP	ZVT21012	2,71
1" BSP	ZVT21016	4,87
1" 1/4 BSP	ZVT21020	7,76
1" 1/2 BSP	ZVT21024	9,51
2" BSP	ZVT21032	12,57
2" 1/2 BSP	ZVT21040	35,10

Metric Bonded Seal in FKM

Juntas metal FKM Métricas

USIT-Dichtringe FKM metr.

Bague BS Métrique FKM



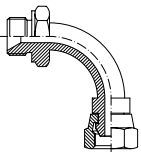
THREAD ROSCA	Part nº Referencia	€
M6X1	ZVT32006	0,55
M8X1	ZVT32008	1,30
M10X1	ZVT32010	1,55
M12X1,5	ZVT32012	1,40
M14X1,5	ZVT32014	1,83
M16X1,5	ZVT32016	1,97
M18X1,5	ZVT32018	2,09
M20X1,5	ZVT32020	3,12
M22X1,5	ZVT32022	2,70
M24X1.5	ZVT32024	5,22
M26X1.5	ZVT32026	5,12
M27X1,5	ZVT32027	5,11
M30X2	ZVT32030	7,34
M36X2	ZVT32036	8,99
M42X2	ZVT32042	13,32
M48X2	ZVT32048	14,64

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

Codo 90° macho - hembra giratoria BSP cono 60°

90° Winkel AGR-DKR

Adapteur coude 90° accessoiriel mâle BSP - femelle tournante BSP cone 60°



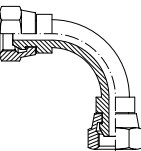
THREAD ROSCA		Part nº Referencia	€
M 1/4" BSP	F 1/4" BSP	Z119404	45,16
M 3/8" BSP	F 3/8" BSP	Z119406	51,34
M 1/2" BSP	F 1/2" BSP	Z119408	62,83
M 3/4" BSP	F 3/4" BSP	Z119412	89,56
M 1" BSP	F 1" BSP	Z119416	104,37
M 1" 1/4 BSP	F 1" 1/4 BSP	Z119420	167,56
M 1" 1/2 BSP	F 1" 1/2 BSP	Z119424	238,48
M 2" BSP	F 2" BSP	Z119432	361,90

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 cone 60°



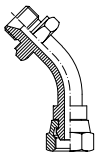
THREAD ROSCA		Part nº Referencia	€
1/4" BSP	1/4" BSP	ZA119604	37,78
3/8" BSP	3/8" BSP	ZA119606	42,58
1/2" BSP	1/2" BSP	ZA119608	51,95
3/4" BSP	3/4" BSP	ZA119612	65,52
1" BSP	1" BSP	ZA119616	101,32
1" 1/4 BSP	1" 1/4 BSP	ZA119620	170,45

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

Codo 45° macho - hembra giratoria BSP cono 60°

45° Bogen AGR-DKR

Adapteur coude 45° accessoiriel mâle BSP - femelle tournante BSP cone 60°



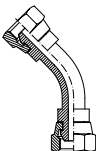
THREAD ROSCA		Part nº Referencia	€
M 1/4" BSP	F 1/4" BSP	Z119504	49,67
M 3/8" BSP	F 3/8" BSP	Z119506	51,37
M 1/2" BSP	F 1/2" BSP	Z119508	64,53
M 3/4" BSP	F 3/4" BSP	Z119512	79,80
M 1" BSP	F 1" BSP	Z119516	103,65
M 1" 1/4 BSP	F 1" 1/4 BSP	Z119520	201,17
M 1" 1/2 BSP	F 1" 1/2 BSP	Z119524	259,89
M 2" BSP	F 2" BSP	Z119532	443,56

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 cone 60°



THREAD ROSCA		Part nº Referencia	€
1/4" BSP	1/4" BSP	ZA119504	43,32
3/8" BSP	3/8" BSP	ZA119506	47,57
1/2" BSP	1/2" BSP	ZA119508	55,66
3/4" BSP	3/4" BSP	ZA119512	71,77
1" BSP	1" BSP	ZA119516	100,25
1" 1/4 BSP	1" 1/4 BSP	ZA119520	235,53

BSP Adaptors

Adaptadores BSP
Adapter BSP
Adapteurs BSP

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

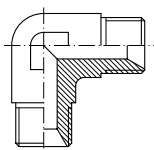
TriLe LOK

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 cono 60° forge



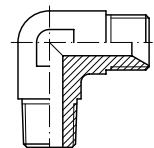
THREAD ROSCA		Part n° Referencia	€
1/8" BSP	1/8" BSP	Z1190002	28,15
1/4" BSP	1/4" BSP	Z1190004	27,03
3/8" BSP	3/8" BSP	Z1190006	31,02
1/2" BSP	1/2" BSP	Z1190008	37,37
3/4" BSP	3/4" BSP	Z1190012	57,11
1" BSP	1" BSP	Z1190016	84,82
1 1/4" BSP	1 1/4" BSP	Z1190020	145,58
1 1/2" BSP	1 1/2" BSP	Z1190024	173,82

90° Adaptor male BSP 60° - male BSPT

Codo 90° macho BSP 60° - macho BSPT

90° Winkel AGR-AG BSPT

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



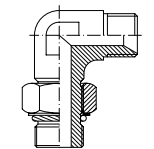
THREAD ROSCA		Part n° Referencia	€
1/8" BSP	1/8" BSPT	Z119202	25,47
1/4" BSP	1/4" BSPT	Z119204	22,39
3/8" BSP	3/8" BSPT	Z119206	31,60
1/2" BSP	1/2" BSPT	Z119208	40,26
3/4" BSP	3/4" BSPT	Z119212	57,21
1" BSP	1" BSPT	Z119216	83,66
1 1/4" BSP	1 1/4" BSPT	Z119220	132,68
1 1/2" BSP	1 1/2" BSPT	Z119224	180,15

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



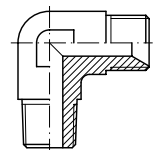
THREAD ROSCA		Part n° Referencia	€
1/4" BSP	1/4" BSP	Z119704	26,86
3/8" BSP	3/8" BSP	Z119706	38,79
1/2" BSP	1/2" BSP	Z119708	59,71
3/4" BSP	3/4" BSP	Z119712	82,22
1" BSP	1" BSP	Z119716	133,07

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



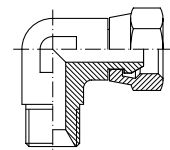
THREAD ROSCA		Part n° Referencia	€
1/4" BSP	1/4" NPT	Z11910404	27,16
3/8" BSP	3/8" NPT	Z11910606	37,82
1/2" BSP	1/2" NPT	Z11910808	40,16
3/4" BSP	3/4" NPT	Z11911212	64,05
1" BSP	1" NPT	Z11911616	80,86

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 cono 60° forge



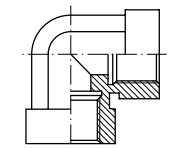
THREAD ROSCA		Part n° Referencia	€
M 1/8" BSP	F 1/8" BSP	Z119302	32,37
M 1/4" BSP	F 1/4" BSP	Z119304	27,17
M 3/8" BSP	F 3/8" BSP	Z119306	35,28
M 1/2" BSP	F 1/2" BSP	Z119308	42,99
M 3/4" BSP	F 3/4" BSP	Z119312	63,00
M 1" BSP	F 1" BSP	Z119316	86,44
M 1 1/4" BSP	F 1 1/4" BSP	Z119320	141,40
M 1 1/2" BSP	F 1 1/2" BSP	Z119324	154,11

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



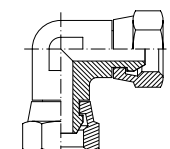
THREAD ROSCA		Part n° Referencia	€
1/8" BSP	1/8" BSP	Z119602	24,56
1/4" BSP	1/4" BSP	Z119604	30,75
3/8" BSP	3/8" BSP	Z119606	42,33
1/2" BSP	1/2" BSP	Z119608	44,70
3/4" BSP	3/4" BSP	Z119612	63,72
1" BSP	1" BSP	Z119616	88,18

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 cono 60° forge



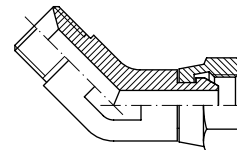
THREAD ROSCA		Part n° Referencia	€
1/4" BSP	1/4" BSP	Z119804	35,88
3/8" BSP	3/8" BSP	Z119806	42,83
1/2" BSP	1/2" BSP	Z119808	53,41
3/4" BSP	3/4" BSP	Z119812	79,39
1" BSP	1" BSP	Z119816	119,93
1 1/4" BSP	1 1/4" BSP	Z119820	218,85
1 1/2" BSP	1 1/2" BSP	Z119824	258,91

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 cono 60° forge



THREAD ROSCA		Part n° Referencia	€
M 1/4" BSP	F 1/4" BSP	Z118304	44,72
M 3/8" BSP	F 3/8" BSP	Z118306	53,36
M 1/2" BSP	F 1/2" BSP	Z118308	62,81
M 3/4" BSP	F 3/4" BSP	Z118312	101,60
M 1" BSP	F 1" BSP	Z118316	136,36

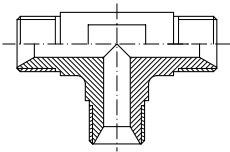
BSP Adaptors

Adaptadores BSP
Adapter BSP
Adpteurs BSP

Tees BSP 60° male

Tes macho - macho - macho BSP cono 60°

T-Stück AGR



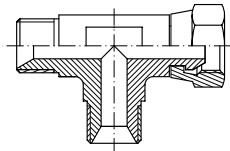
Adpteurs Té mâle BSP cone 60° forge

THREAD ROSCA			Part nº Referencia	€
1/4" BSP	1/4" BSP	1/4" BSP	Z122004	34,63
3/8" BSP	3/8" BSP	3/8" BSP	Z122006	43,76
1/2" BSP	1/2" BSP	1/2" BSP	Z122008	49,97
3/4" BSP	3/4" BSP	3/4" BSP	Z122012	71,20
1" BSP	1" BSP	1" BSP	Z122016	105,94
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	Z122020	159,02
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	Z122024	240,91

Tees BSP 60° male - male - swivel female

Tes macho - macho - hembra giratoria BSP 60°

T-Stück AGR-AGR-DKR



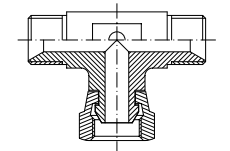
Adpteurs Té mâle BSP - mâle BSP - femelle tournante BSP cone 60° forge

THREAD ROSCA			Part nº Referencia	€
M 1/4" BSP	M 1/4" BSP	F 1/4" BSP	Z122204	40,67
M 3/8" BSP	M 3/8" BSP	F 3/8" BSP	Z122206	50,61
M 1/2" BSP	M 1/2" BSP	F 1/2" BSP	Z122208	58,50
M 3/4" BSP	M 3/4" BSP	F 3/4" BSP	Z122212	89,06
M 1" BSP	M 1" BSP	F 1" BSP	Z122216	129,37
M 1"1/4 BSP	M 1"1/4 BSP	F 1"1/4 BSP	Z122220	191,54
M 1"1/2 BSP	M 1"1/2 BSP	F 1"1/2 BSP	Z122224	283,71

Tees BSP 60° male - swivel female - male

Tes macho - hembra giratoria - macho BSP 60°

T-Stück AGR-DKR-AGR



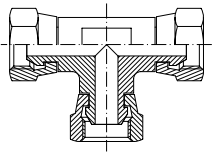
Adpteurs Té mâle BSP - femelle tournante - mâle BSP cone 60° forge

THREAD ROSCA			Part nº Referencia	€
M 1/4" BSP	F 1/4" BSP	M 1/4" BSP	Z122404	39,34
M 3/8" BSP	F 3/8" BSP	M 3/8" BSP	Z122406	50,61
M 1/2" BSP	F 1/2" BSP	M 1/2" BSP	Z122408	59,64
M 3/4" BSP	F 3/4" BSP	M 3/4" BSP	Z122412	89,80
M 1" BSP	F 1" BSP	M 1" BSP	Z122416	129,37
M 1"1/4 BSP	F 1"1/4 BSP	M 1"1/4 BSP	Z122420	183,03
M 1"1/2 BSP	F 1"1/2 BSP	M 1"1/2 BSP	Z122424	283,71

Tees BSP 60° swivel female

Tes hembras giratorias BSP cono 60°

T-Stücke DKR



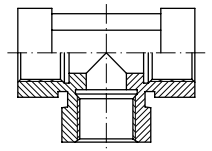
Adpteurs Té femelle tournante BSP cone 60° forge

THREAD ROSCA			Part nº Referencia	€
1/4" BSP	1/4" BSP	1/4" BSP	Z122804	50,67
3/8" BSP	3/8" BSP	3/8" BSP	Z122806	60,47
1/2" BSP	1/2" BSP	1/2" BSP	Z122808	73,92
3/4" BSP	3/4" BSP	3/4" BSP	Z122812	117,01
1" BSP	1" BSP	1" BSP	Z122816	151,77
1"1/4 BSP	1"1/4 BSP	1"1/4 BSP	Z122820	268,00
1"1/2 BSP	1"1/2 BSP	1"1/2 BSP	Z122824	355,00

Tees fixed female BSP

Tes hembras fijas BSP

T-BSP IGR fest



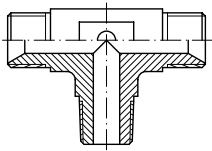
Adpteurs Té femelle gaz forge

THREAD ROSCA			Part nº Referencia	€
1/4" BSP	1/4" BSP	1/4" BSP	Z122604	37,61
3/8" BSP	3/8" BSP	3/8" BSP	Z122606	51,00
1/2" BSP	1/2" BSP	1/2" BSP	Z122608	60,17
3/4" BSP	3/4" BSP	3/4" BSP	Z122612	86,56
1" BSP	1" BSP	1" BSP	Z122616	121,67

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°



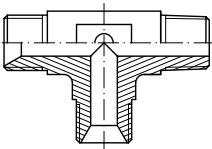
Adpteurs Té mâle BSP 60° - mâle NPT central - mâle BSP 60° forge

THREAD ROSCA			Part nº Referencia	€
1/4" BSP	1/4" NPT	1/4" BSP	Z12210404	33,12
3/8" BSP	3/8" NPT	3/8" BSP	Z12210606	44,75
1/2" BSP	1/2" NPT	1/2" BSP	Z12210808	65,06
3/4" BSP	3/4" NPT	3/4" BSP	Z12211212	76,78
1" BSP	1" NPT	1" BSP	Z12211616	114,25

Tees BSP 60° male - BSP 60° male - NPT male side

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

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



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

THREAD ROSCA			Part nº Referencia	€
1/4" BSP	1/4" BSP	1/4" NPT	Z12230404	32,12
3/8" BSP	3/8" BSP	3/8" NPT	Z12230606	44,75
1/2" BSP	1/2" BSP	1/2" NPT	Z12230808	65,06
3/4" BSP	3/4" BSP	3/4" NPT	Z12231212	76,78
1" BSP	1" BSP	1" NPT	Z12231616	114,25

NPT Adaptors

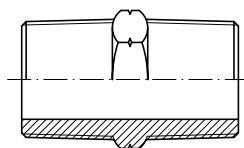
Adaptadores NPT
Adapter NPT
Adapteurs NPT

Adaptor male NPT - male NPT

Adaptor macho - macho NPT

Doppelnippel AGN-AGN

Adapteur mâle NPT - mâle NPT



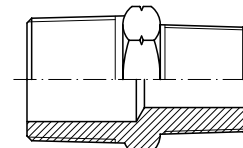
THREAD ROSCA		Part n° Referencia	€
1/4" NPT	1/4" NPT	Z10150404	8,26
3/8" NPT	3/8" NPT	Z10150606	11,64
1/2" NPT	1/2" NPT	Z10150808	11,55
3/4" NPT	3/4" NPT	Z10151212	18,30
1" NPT	1" NPT	Z10151616	42,73
1" 1/4 NPT	1" 1/4 NPT	Z10152020	56,34
1" 1/2 NPT	1" 1/2 NPT	Z10152424	70,75
2" NPT	2" NPT	Z10153232	108,18

Reducer male NPT - male NPT

Reductor macho - macho NPT

Reduziernippel NPT

Réducteur mâle NPT- mâle NPT



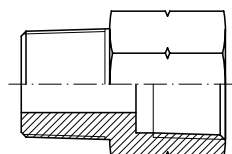
THREAD ROSCA		Part n° Referencia	€
1/4" NPT	1/8" NPT	ZN10150402	12,99
3/8" NPT	1/8" NPT	ZN10150602	16,91
3/8" NPT	1/4" NPT	ZN10150604	15,87
1/2" NPT	1/4" NPT	ZN10150804	21,57
1/2" NPT	3/8" NPT	ZN10150806	21,31
3/4" NPT	1/2" NPT	ZN10151208	22,20
1" NPT	1/2" NPT	ZN10151608	35,22
1" NPT	3/4" NPT	ZN10151612	39,74
1" 1/4 NPT	1" NPT	ZN10152016	70,82
1" 1/2 NPT	1" NPT	ZN10152416	98,34
1" 1/2 NPT	1" 1/4 NPT	ZN10152420	92,91
2" NPT	1" 1/2 NPT	ZN10153224	131,15

Adaptor male NPT - fixed female NPT

Adaptador macho - hembra fija NPT

Adapter m - w fest NPT

Adapteur mâle NPT - femelle fixe NPT



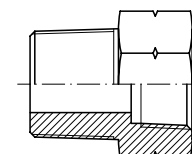
THREAD ROSCA		Part n° Referencia	€
M 1/8" NPT	F 1/8" NPT	ZN10600202	17,72
M 1/8" NPT	F 1/4" NPT	ZN10600204	19,02
M 1/4" NPT	F 1/8" NPT	ZN10600402	17,75
M 1/4" NPT	F 1/4" NPT	ZN10600404	14,79
M 1/4" NPT	F 3/8" NPT	ZN10600406	18,72
M 3/8" NPT	F 1/4" NPT	ZN10600604	18,40
M 3/8" NPT	F 3/8" NPT	ZN10600606	18,67
M 3/8" NPT	F 1/2" NPT	ZN10600608	23,77
M 1/2" NPT	F 3/8" NPT	ZN10600806	21,64
M 1/2" NPT	F 1/2" NPT	ZN10600808	24,20
M 1/2" NPT	F 3/4" NPT	ZN10600812	30,86
M 3/4" NPT	F 1/2" NPT	ZN10601208	30,19
M 3/4" NPT	F 3/4" NPT	ZN10601212	35,31
M 3/4" NPT	F 1" NPT	ZN10601216	41,07
M 1" NPT	F 3/4" NPT	ZN10601612	42,44
M 1" NPT	F 1" NPT	ZN10601616	42,39

Reducer male NPT - fixed female NPT

Reductor macho - hembra fija NPT

Reduzierstück m - w fest NPT

Réducteur mâle NPT - femelle fixe NPT



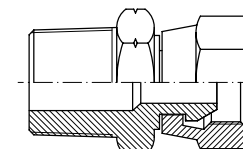
THREAD ROSCA		Part n° Referencia	€
M 3/8" NPT	F 1/8" NPT	ZN11500602	26,53
M 3/8" NPT	F 1/4" NPT	ZN11500604	22,64
M 1/2" NPT	F 1/4" NPT	ZN11500804	30,97
M 1/2" NPT	F 3/8" NPT	ZN11500806	26,04
M 3/4" NPT	F 1/4" NPT	ZN11501204	42,09
M 3/4" NPT	F 3/8" NPT	ZN11501206	54,53
M 3/4" NPT	F 1/2" NPT	ZN11501208	40,29
M 1" NPT	F 3/8" NPT	ZN11501606	66,99
M 1" NPT	F 1/2" NPT	ZN11501608	57,37
M 1" NPT	F 3/4" NPT	ZN11501612	49,16
M 1" 1/4 NPT	F 1" NPT	ZN11502016	90,27
M 1" 1/2 NPT	F 1" NPT	ZN11502416	162,41
M 1" 1/2 NPT	F 1" 1/4 NPT	ZN11502420	122,15

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



THREAD ROSCA		Part n° Referencia	€
M 1/8" NPT	F 1/8" NPSM	ZN11700202	19,95
M 1/4" NPT	F 1/4" NPSM	ZN11700404	21,87
M 3/8" NPT	F 3/8" NPSM	ZN11700606	25,62
M 3/8" NPT	F 1/2" NPSM	ZN11700608	36,19
M 1/2" NPT	F 1/2" NPSM	ZN11700808	50,08
M 1/2" NPT	F 3/4" NPSM	ZN11700812	54,90
M 3/4" NPT	F 3/4" NPSM	ZN11701212	48,46
M 1" NPT	F 1" NPSM	ZN11701616	68,05
M 1" 1/4 NPT	F 1" 1/4 NPSM	ZN11702020	111,18
M 1" 1/2 NPT	F 1" 1/2 NPSM	ZN11702424	138,75

NPT Adaptors

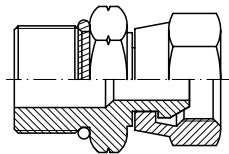
Adaptadores NPT
Adapter NPT
Adapteurs NPT

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



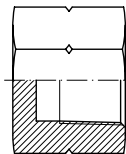
THREAD ROSCA		Part nº Referencia	€
M 7/16" - 20h UNF	F 1/4" - 18h NPSM	ZN11740404	52,14
M 9/16" - 18h UNF	F 3/8" - 18h NPSM	ZN11740606	56,90
M 9/16" - 18h UNF	F 1/2" - 14h NPSM	ZN11740608	76,56
M 3/4" - 16h UNF	F 1/2" - 14h NPSM	ZN11740808	70,77
M 3/4" - 16h UNF	F 3/4" - 14h NPSM	ZN11740812	110,39
M 7/8" - 14h UNF	F 1/2" - 14h NPSM	ZN11741008	84,09
M 7/8" - 14h UNF	F 3/4" - 14h NPSM	ZN11741012	111,92
M 1"1/16 - 12h UNF	F 3/4" - 14h NPSM	ZN11741212	123,22
M 1"5/16 - 12h UNF	F 1" - 11 1/2h NPSM	ZN11741616	150,35
M 1"5/8 - 12h UNF	F 1"1/4 - 11 1/2h NPSM	ZN11742020	241,28

S.S. NPT fixed female plug

Tapón hembra fija NPT

S.S. Verschlussstopfen HF NPT

Bouchon femelle fixe NPT



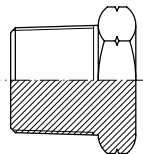
THREAD ROSCA	Part nº Referencia	€
1/8" NPT	ZN107202	12,88
1/4" NPT	ZN107204	15,26
3/8" NPT	ZN107206	18,02
1/2" NPT	ZN107208	21,35
3/4" NPT	ZN107212	26,50
1" NPT	ZN107216	33,02

S.S. NPT male plug

Tapón macho NPT

S.S. Verschluss TYP NPT

Bouchon mâle NPT



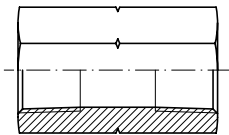
THREAD ROSCA	Part nº Referencia	€
1/8" NPT	ZN107002	5,90
1/4" NPT	ZN107004	8,67
3/8" NPT	ZN107006	11,76
1/2" NPT	ZN107008	12,37
3/4" NPT	ZN107012	14,58
1" NPT	ZN107016	23,50

NPT hexagonal adaptor fixed female

Adaptador hexagonal hembra fija NPT

6 kt Doppelmuffe fest NPT

Adapteur hexagonal femelle fixe NPT



THREAD ROSCA		Part nº Referencia	€
1/8" NPT	1/8" NPT	ZN10310202	12,59
1/4" NPT	1/4" NPT	ZN10310404	15,67
3/8" NPT	3/8" NPT	ZN10310606	16,32
1/2" NPT	1/2" NPT	ZN10310808	19,68
3/4" NPT	3/4" NPT	ZN10311212	24,78
1" NPT	1" NPT	ZN10311616	35,30
1" 1/4 NPT	1" 1/4 NPT	ZN10312020	84,50

NPT Adaptors

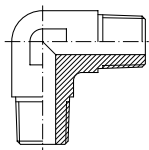
Adaptadores NPT
Adapter NPT
Adpteurs NPT

90° elbow male NPT - male NPT

Codo 90° macho - macho NPT

90° Winkel m-m NPT

Coude 90° mâle NPT - mâle NPT



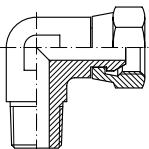
THREAD ROSCA		Part n° Referencia	€
1/8" NPT	1/8" NPT	ZN119002	18,10
1/4" NPT	1/4" NPT	ZN119004	21,00
3/8" NPT	3/8" NPT	ZN119006	28,90
1/2" NPT	1/2" NPT	ZN119008	37,43
3/4" NPT	3/4" NPT	ZN119012	63,70
1" NPT	1" NPT	ZN119016	84,50

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



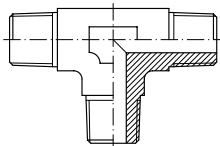
THREAD ROSCA		Part n° Referencia	€
M 1/8" NPT	F 1/8" 27h NPSM	ZN11930202	30,23
M 1/4" NPT	F 1/4" - 18h NPSM	ZN11930404	31,88
M 1/4" NPT	F 3/8" - 18h NPSM	ZN11930406	*
M 3/8" NPT	F 3/8" - 18h NPSM	ZN11930606	50,81
M 3/8" NPT	F 1/2" - 14h NPSM	ZN11930608	*
M 1/2" NPT	F 1/2" - 14 NPSM	ZN11930808	56,17
M 1/2" NPT	F 3/4" - 14h NPSM	ZN11930812	*
M 3/4" NPT	F 1/2" - 14 NPSM	ZN11931208	*
M 3/4" NPT	F 3/4" - 14h NPSM	ZN11931212	70,45
M 3/4" NPT	F 1" - 11 1/2 h NPSM	ZN11931216	*
M 1" NPT	F 1" - 11 1/2 h NPSM	ZN11931616	98,42
M 1 1/4" NPT	F 1 1/4 - 11 1/2 h NPSM	ZN11932020	125,33

NPT male tee

Tes macho-macho-macho NPT

T-Verschraubungen m - m - m NPT

Té mâle NPT



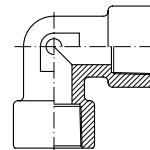
THREAD ROSCA			Part n° Referencia	€
1/8" NPT	1/8" NPT	1/8" NPT	ZN122002	26,49
1/4" NPT	1/4" NPT	1/4" NPT	ZN122004	42,42
3/8" NPT	3/8" NPT	3/8" NPT	ZN122006	46,94
1/2" NPT	1/2" NPT	1/2" NPT	ZN122008	57,01
3/4" NPT	3/4" NPT	3/4" NPT	ZN122012	79,53
1" NPT	1" NPT	1" NPT	ZN122016	129,76

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



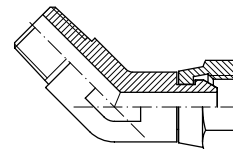
THREAD ROSCA		Part n° Referencia	€
1/8" NPT	1/8" NPT	ZN11960202	22,14
1/4" NPT	1/4" NPT	ZN11960404	30,62
3/8" NPT	3/8" NPT	ZN11960606	32,46
1/2" NPT	1/2" NPT	ZN11960808	52,80
3/4" NPT	3/4" NPT	ZN11961212	70,43
1" NPT	1" NPT	ZN11961616	105,84

45° elbow male NPT - swivel female NPS

Codo 45° macho NPT - hembra giratoria NPSM

45° Bogen m NPT - w NPSM

Coude 45° mâle NPT - swivel female NPSM



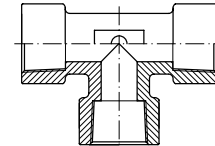
THREAD ROSCA		Part n° Referencia	€
M 1/4" NPT	F 1/4" - 18h NPSM	ZN139304	92,02
M 3/8" NPT	F 3/8" - 18h NPSM	ZN139306	96,38
M 1/2" NPT	F 1/2" - 14h NPSM	ZN139308	118,96
M 3/4" NPT	F 3/4" - 14h NPSM	ZN139312	162,91
M 1" NPT	F 1" - 11 1/2 h NPSM	ZN139316	248,61

NPT fixed female tee

Tes hembra fija-hembra fija-hembra fija NPT

T-Verschraubungen w fest NPT

Té femelle fixe NPT



THREAD ROSCA			Part n° Referencia	€
1/8" NPT	1/8" NPT	1/8" NPT	ZN122602	26,72
1/4" NPT	1/4" NPT	1/4" NPT	ZN122604	40,12
3/8" NPT	3/8" NPT	3/8" NPT	ZN122606	54,62
1/2" NPT	1/2" NPT	1/2" NPT	ZN122608	63,00
3/4" NPT	3/4" NPT	3/4" NPT	ZN122612	97,33
1" NPT	1" NPT	1" NPT	ZN122616	142,85

O'Ring Boss Adaptors

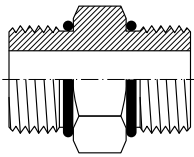
Adaptadores O'Ring Boss
Adapter O'Ring Boss
Adapteurs O'Ring Boss

Adaptor male - male O'Ring Boss

Adaptador macho - macho O'Ring Boss

Doppelnippel m - M O'Ring Boss

Adapteur mâle - mâle O'Ring Boss



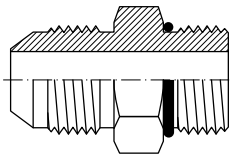
PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	7/16"-20h UNF	7/16"-20h UNF	ZS64640606	10,51
8	5/16	1/2"-20h UNF	1/2"-20h UNF	ZS64640808	10,14
10	3/8	9/16"-18h UNF	9/16"-18h UNF	ZS64641010	10,59
12	1/2	3/4"-16h UNF	3/4"-16h UNF	ZS64641212	17,54
14-15-16	5/8	7/8"-14h UNF	7/8"-14h UNF	ZS64641616	18,62
18-20	3/4	1"1/16-12h UN	1"1/16-12h UN	ZS64642020	26,35
25	1	1"5/16-12h UN	1"5/16-12h UN	ZS64642525	31,67

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°



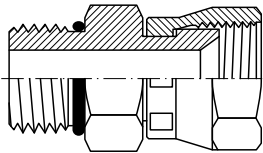
PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	7/16"-20h UNF	7/16"-20h UNF	ZS22006	15,51
8	5/16	1/2"-20h UNF	1/2"-20h UNF	ZS22008	14,39
10	3/8	9/16"-18h UNF	9/16"-18h UNF	ZS22010	13,70
12	1/2	3/4"-16h UNF	3/4"-16h UNF	ZS22012	21,36
14-15-16	5/8	7/8"-14h UNF	7/8"-14h UNF	ZS22016	23,65
18-20	3/4	1"1/16-12h UN	1"1/16-12h UN	ZS22020	32,14
25	1	1"5/16-12h UN	1"5/16-12h UN	ZS22025	52,49
30-32	1 1/4	1"5/8-12h UN	1"5/8-12h UN	ZS22032	86,72
38	1 1/2	1"7/8-12h UN	1"7/8-12h UN	ZS22038	105,14

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°



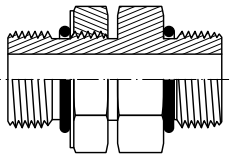
PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	F 7/16" 20h UNF	M 7/16" 20h UNF	ZS38006	17,28
10	3/8	F 9/16" 18h UNF	M 9/16" 18h UNF	ZS38010	21,99
12	1/2	F 3/4" 16h UNF	M 3/4" 16h UNF	ZS38012	29,02
14-15-16	5/8	F 7/8" 14h UNF	M 7/8" 14h UNF	ZS38016	31,61
18-20	3/4	F 1"1/16 12h UN	M 1"1/16 12h UN	ZS38020	42,77
25	1	F 1"5/16 12h UN	M 1"5/16 12h UN	ZS38025	61,01

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



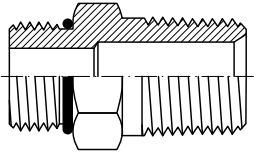
PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	7/16"-20h UNF	7/16"-20h UNF	ZS34740606	21,12
10	3/8	9/16"-18h UNF	9/16"-18h UNF	ZS34741010	28,81
12	1/2	3/4"-16h UNF	3/4"-16h UNF	ZS34741212	36,20
14-15-16	5/8	7/8"-14h UNF	7/8"-14h UNF	ZS34741616	47,47
18-20	3/4	1"1/16-12h UN	1"1/16-12h UN	ZS34742020	85,48
25	1	1"5/16-12h UN	1"5/16-12h UN	ZS34742525	120,67

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



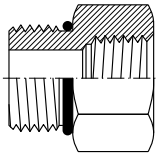
PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	7/16"-20h UNF	1/4" NPT	ZS64010613	10,40
10	3/8	9/16"-18h UNF	3/8" NPT	ZS64011017	11,49
12	1/2	3/4"-16h UNF	1/2" NPT	ZS64011221	15,38
14-15-16	5/8	7/8"-14h UNF	1/2" NPT	ZS64011621	24,49
18-20	3/4	1"1/16-12h UN	3/4" NPT	ZS64012026	30,35
25	1	1"5/16-12h UN	1" NPT	ZS64012533	38,72

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



PIPE TUBO		THREAD ROSCA		Part nº Referencia	€
6	1/4	7/16"-20h UNF	1/4" NPT	ZS64050613	20,34
10	3/8	9/16"-18h UNF	3/8" NPT	ZS64051017	23,78
12	1/2	3/4"-16h UNF	1/2" NPT	ZS64051221	34,82
14-15-16	5/8	7/8"-14h UNF	1/2" NPT	ZS64051621	37,93
18-20	3/4	1"1/16-12h UN	3/4" NPT	ZS64052026	53,37
25	1	1"5/16-12h UN	1" NPT	ZS64052533	76,14

O'Ring Boss Adaptors

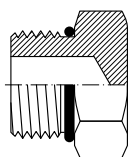
Adaptadores O'Ring Boss
Adapter O'Ring Boss
Adapteurs O'Ring Boss

Male hexagonal O'Ring Boss plug

Tapón macho O'Ring Boss hexagonal

Verschlusssschraube TYP O'Ring Boss 6 kt

Bouchon mâle O'Ring Boss hexagonal



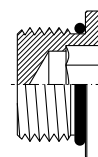
THREAD ROSCA	Part n° Referencia	€
7/16" - 20h UNF	ZS640806	13,63
1/2" - 20h UNF	ZS640808	8,43
9/16" - 18h UNF	ZS640810	13,52
3/4" - 16h UNF	ZS640812	11,39
7/8" - 14h UNF	ZS640816	17,05
1"1/16 - 12h UN	ZS640820	23,47
1"5/16 - 12h UN	ZS640825	31,74

Male allen O'Ring Boss plug

Tapón macho O'Ring Boss Allen

Verschlusssschraube TYP O'Ring Boss Allen

Bouchon mâle O'Ring Boss allen



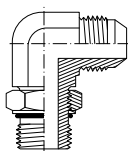
THREAD ROSCA	Part n° Referencia	€
7/16" - 20h UNF	ZS640906	10,43
1/2" - 20h UNF	ZS640908	13,50
9/16" - 18h UNF	ZS640910	12,16
3/4" - 16h UNF	ZS640912	15,36
7/8" - 14h UNF	ZS640916	17,13
1"1/16 - 12h UN	ZS640920	25,34
1"5/16 - 12h UN	ZS640925	32,96

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°



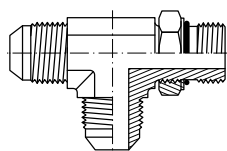
PIPE TUBO		THREAD ROSCA		Part n° Referencia	€
6	1/4	7/16" - 20h UNF	7/16" - 20h UNF	ZS57506	22,53
8	5/16	1/2" - 20h UNF	1/2" - 20h UNF	ZS57508	24,93
10	3/8	9/16" - 18h UNF	9/16" - 18h UNF	ZS57510	27,84
12	1/2	3/4" - 16h UNF	3/4" - 16h UNF	ZS57512	45,52
14-15-16	5/8	7/8" - 14h UNF	7/8" - 14h UNF	ZS57516	58,94
18-20	3/4	1" 1/16 - 12h UN	1" 1/16 - 12h UN	ZS57520	86,63
25	1	1" 5/16 - 12h UN	1" 5/16 - 12h UN	ZS57525	129,62

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°



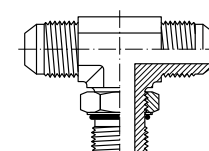
PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
6	1/4	7/16" - 20h UNF	ZS680306	*
8	5/16	1/2" - 20h UNF	ZS680308	*
10	3/8	9/16" - 18h UNF	ZS680310	*
12	1/2	3/4" - 16h UNF	ZS680312	*
14-15-16	5/8	7/8" 14h UNF	ZS680316	*
18-20	3/4	1"1/16-12h UN	ZS680320	*
25	1	1" 5/16-12h UN	ZS680325	*

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°



PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
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

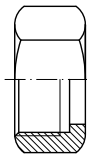
Adaptadores ORFS
Adapter ORFS
Adapteurs ORFS

ORFS Nut

Tuerca ORFS

Mutter ORFS - m ORFS

Écrou ORFS



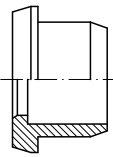
PIPE TUBO	THREAD ROSCA	Part nº Referencia	€
6-8	ORFS 9/16"-18h	ZOR1020400	11,63
10	ORFS 11/16"-16h	ZOR1020600	10,13
12	ORFS 13/16"-16h	ZOR1020800	12,32
14-15-16	ORFS 1"-14h	ZOR1021000	19,40
18-20	ORFS 1"3/16-12h	ZOR1021200	16,01
22-25	ORFS 1"7/16-12h	ZOR1021600	22,41
28-30-32	ORFS 1"11/16-12h	ZOR1022000	46,46
35-38	ORFS 2"-12h	ZOR1022400	54,80

ORFS Welding nipple

Cono soldar ORFS

Schweißkegel ORFS

Collet à souder ORFS



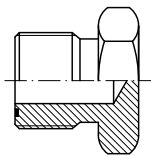
PIPE TUBO	THREAD ROSCA	Part nº Referencia	€
6	ORFS 9/16"-18h	ZOR12730406	8,49
8	ORFS 9/16"-18h	ZOR12730408	8,95
10	ORFS 11/16"-16h	ZOR12730610	9,45
12	ORFS 13/16"-16h	ZOR12730812	10,10
14	ORFS 1"-14h	ZOR12731014	12,60
15	ORFS 1"-14h	ZOR12731015	12,66
16	ORFS 1"-14h	ZOR12731016	13,24
18	ORFS 1" 3/16-12h	ZOR12731218	22,15
20	ORFS 1" 3/16-12h	ZOR12731220	22,15
22	ORFS 1" 7/16-12h	ZOR12731622	31,37
30	ORFS 1"11/16-12h	ZOR12732030	39,67
32	ORFS 1"11/16-12h	ZOR12732032	39,67
38	ORFS 2"-12h	ZOR12732438	72,08

ORFS Male plug

Tapón macho ORFS

Verschlussschraube TYP ORFS

Bouchon mâle ORFS



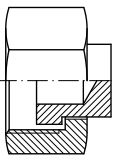
THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"-18h	ZOR1040400	10,08
ORFS 11/16"-16h	ZOR1040600	13,45
ORFS 13/16"-16h	ZOR1040800	12,79
ORFS 1"-14h	ZOR1041000	18,84
ORFS 1"3/16-12h	ZOR1041200	25,49
ORFS 1"7/16-12h	ZOR1041600	42,22
ORFS 1"11/16-12h	ZOR1042000	53,98
ORFS 2"-12h	ZOR1042400	67,22

ORFS Female plug

Tapón hembra ORFS

Kappe ORFS

Bouchon femelle ORFS



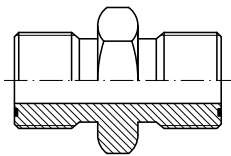
THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"-18h	ZOR1050400	16,46
ORFS 11/16"-16h	ZOR1050600	17,39
ORFS 13/16"-16h	ZOR1050800	18,00
ORFS 1"-14h	ZOR1051000	23,41
ORFS 1"3/16-12h	ZOR1051200	41,40
ORFS 1"7/16-12h	ZOR1051600	50,55
ORFS 1"11/16-12h	ZOR1052000	66,27
ORFS 2"-12h	ZOR1052400	87,89

ORFS Male adaptor

Adaptador macho-macho ORFS

Doppelnippel m - m ORFS

Adapteur mâle ORFS



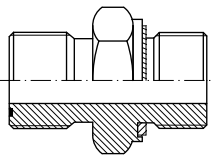
THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"-18h	ZOR2000404	22,64
ORFS 11/16"-16h	ZOR2000606	23,02
ORFS 13/16"-16h	ZOR2000808	23,40
ORFS 1"-14h	ZOR2001010	40,24
ORFS 1"3/16-12h	ZOR2001212	32,53
ORFS 1"7/16-12h	ZOR2001616	50,27
ORFS 1"11/16-12h	ZOR2002020	68,08
ORFS 2"-12h	ZOR2002424	92,85

ORFS Male - BSP Male

Adaptador macho ORFS-macho BSP

Doppelnippel m ORFS - m BSP

Adapteur mâle ORFS - mâle BSP



THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"-18h	ZOR2020404	18,29
ORFS 11/16"-16h	ZOR2020606	22,01
ORFS 13/16"-16h	ZOR2020808	31,47
ORFS 1"3/16-12h	ZOR2021212	44,11
ORFS 1"7/16-12h	ZOR2021616	54,52
ORFS 1"11/16-12h	ZOR2022020	92,09
ORFS 2"-12h	ZOR2022424	129,77

ORFS Adaptors

Adaptadores ORFS

Adapter ORFS

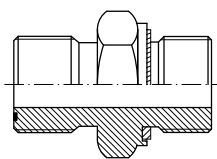
Adapteurs ORFS

ORFS Male - Metric Male

Adaptador macho ORFS-macho Métrico

Doppelnippel m ORFS-m metr.

Adapteur mâle ORFS - mâle Métrique



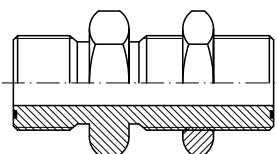
THREAD ROSCA		Part nº Referencia	€
ORFS 9/16"-18h	M12x1.5	ZOR10170412	21,76
ORFS 11/16"-16h	M16x1.5	ZOR10170616	23,42
ORFS 13/16"-16h	M18x1.5	ZOR10170818	34,96
ORFS 1"-14h	M22x1.5	ZOR10171022	47,11
ORFS 1"7/16-12h	M33x2	ZOR10171633	60,57
ORFS 1"11/16-12h	M42x2	ZOR10172042	98,38
ORFS 2"-12h	M48x2	ZOR10172448	144,19

ORFS Bulkhead

Pasatabiques ORFS

Schottverschraubungen ORFS SV- ORFS

Passe-cloison ORFS



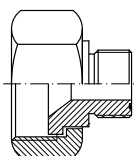
THREAD ROSCA		Part nº Referencia	€
ORFS 9/16"-18h		ZOR1060404	30,51
ORFS 11/16"-16h		ZOR1060606	40,58
ORFS 13/16"-16h		ZOR1060808	51,58
ORFS 1"-14h		ZOR1061010	86,69
ORFS 1"3/16-12h		ZOR1061212	99,87
ORFS 1"7/16-12h		ZOR1061616	119,81
ORFS 1"11/16-12h		ZOR1062020	140,20
ORFS 2"-12h		ZOR1062424	175,45

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



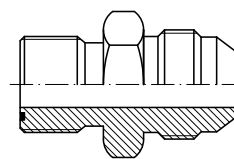
THREAD ROSCA		Part nº Referencia	€
F ORFS 9/16"-18h	M ORFS 11/16"-16h	ZOR3010406	24,46
F ORFS 11/16"-16h	M ORFS 9/16"-18h	ZOR3010604	26,59
F ORFS 13/16"-16h	M ORFS 9/16"-18h	ZOR3010804	27,40
F ORFS 13/16"-16h	M ORFS 11/16"-16h	ZOR3010806	27,54
F ORFS 1"-14h	M ORFS 9/16"-18h	ZOR3011004	39,04
F ORFS 1"-14h	M ORFS 11/16"-16h	ZOR3011006	38,27
F ORFS 1"-14h	M ORFS 13/16"-16h	ZOR3011008	34,42
F ORFS 1"3/16-12h	M ORFS 11/16"-16h	ZOR3011206	67,36
F ORFS 1"3/16-12h	M ORFS 13/16"-16h	ZOR3011208	65,86
F ORFS 1"3/16-12h	M ORFS 1"-14h	ZOR3011210	60,88
F ORFS 1"7/16-12h	M ORFS 13/16"-16h	ZOR3011608	74,35
F ORFS 1"7/16-12h	M ORFS 1"-14h	ZOR3011610	72,11
F ORFS 1"11/16-12h	M ORFS 1"3/16-12h	ZOR3012012	68,50
F ORFS 1"11/16-12h	M ORFS 1"7/16-12h	ZOR3012016	96,28

ORFS Male - 37° JIC Male

Adaptador macho ORFS-macho JIC 37°

Doppelnippel m ORFS-m JIC 37°

Adapteur mâle ORFS - mâle JIC 37°



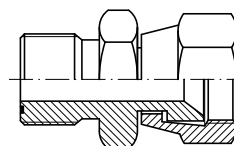
THREAD ROSCA		Part nº Referencia	€
ORFS 9/16"-18h	JIC 7/16"	ZOR2040404	16,81
ORFS 11/16"-16h	JIC 9/16"	ZOR2040606	19,44
ORFS 13/16"-16h	JIC 3/4"	ZOR2040808	21,40
ORFS 1"-14h	JIC 7/8"	ZOR2041010	23,29
ORFS 1"3/16-12h	JIC 1"1/16	ZOR2041212	28,62
ORFS 1"7/16-12h	JIC 1"5/16	ZOR2041616	45,16
ORFS 1"11/16"-12h	JIC 1"5/8	ZOR2042020	70,04
ORFS 2"-12h	JIC 1"7/8	ZOR2042424	100,27

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°



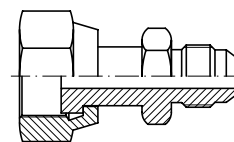
THREAD ROSCA		Part nº Referencia	€
ORFS 9/16"-18h	JIC 7/16"	ZOR3020404	21,05
ORFS 11/16"-16h	JIC 9/16"	ZOR3020606	22,65
ORFS 13/16"-16h	JIC 3/4"	ZOR3020808	24,97
ORFS 1"-14h	JIC 7/8"	ZOR3021010	32,64
ORFS 1"3/16-12h	JIC 1"1/16	ZOR3021212	40,31
ORFS 1"7/16-12h	JIC 1"5/16	ZOR3021616	54,48
ORFS 1"11/16-12h	JIC 1"5/8	ZOR3022020	68,52
ORFS 2"-12h	JIC 1"7/8	ZOR3022424	80,43

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



THREAD ROSCA		Part nº Referencia	€
JIC 7/16"	ORFS 9/16"-18h	ZOR3050404	22,65
JIC 9/16"	ORFS 11/16"-16h	ZOR3050606	25,23
JIC 3/4"	ORFS 13/16"-16h	ZOR3050808	27,35
JIC 7/8"	ORFS 1"-14h	ZOR3051010	35,80
JIC 1"1/16	ORFS 1"3/16-12h	ZOR3051212	43,10
JIC 1"5/16"	ORFS 1"7/16-12h	ZOR3051616	57,60
JIC 1"5/8	ORFS 1"11/16"-12h	ZOR3052020	70,80
JIC 1"7/8"	ORFS 2"-12h	ZOR3052424	86,80

ORFS Adaptors

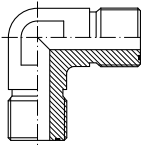
Adaptadores ORFS
Adapter ORFS
Adapteurs ORFS

90° ORFS male - ORFS male

Codo 90° macho-macho ORFS

90° Winkel m - m ORFS

Coude 90° mâle ORFS - mâle ORFS



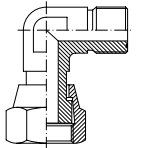
THREAD ROSCA		Part nº Referencia	€
ORFS 9/16"-18h	ORFS 9/16"-18h	ZOR4050404	33,30
ORFS 11/16"-16h	ORFS 11/16"-16h	ZOR4050606	40,21
ORFS 13/16"-16h	ORFS 13/16"-16h	ZOR4050808	55,64
ORFS 1"-14h	ORFS 1"-14h	ZOR4051010	62,11
ORFS 1"3/16-12h	ORFS 1"3/16-12h	ZOR4051212	71,44
ORFS 1"7/16-12h	ORFS 1"7/16-12h	ZOR4051616	99,60
ORFS 1"11/16-12h	ORFS 1"11/16-12h	ZOR4052020	151,34
ORFS 2"-12h	ORFS 2"-12h	ZOR4052424	174,68

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



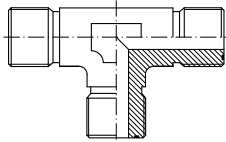
THREAD ROSCA		Part nº Referencia	€
M ORFS 9/16"-18h	F ORFS 9/16"-18h	ZOR6000404	49,00
M ORFS 11/16"-16h	F ORFS 11/16"-16h	ZOR6000606	61,28
M ORFS 13/16"-16h	F ORFS 13/16"-16h	ZOR6000808	80,18
M ORFS 1"-14h	F ORFS 1"-14h	ZOR6001010	86,48
M ORFS 1"3/16-12h	F ORFS 1"3/16-12h	ZOR6001212	107,00
M ORFS 1"7/16-12h	F ORFS 1"7/16-12h	ZOR6001616	121,94
M ORFS 1"11/16-12h	F ORFS 1"11/16-12h	ZOR6002020	149,90

ORFS Male Tee

Te macho-macho-macho ORFS

T-Verschraubung m-m-m - ORFS

Té Mâle ORFS



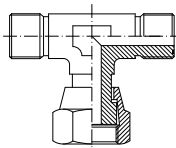
THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"18h	ZOR7000404	43,75
ORFS 11/16"-16h	ZOR7000606	46,04
ORFS 13/16"-16h	ZOR7000808	57,94
ORFS 1"-14h	ZOR7001010	67,56
ORFS 1"3/16-12h	ZOR7001212	74,42
ORFS 1"7/16-12h	ZOR7001616	131,90
ORFS 1"11/16-12h	ZOR7002020	168,60
ORFS 2"-12h	ZOR7002424	223,13

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



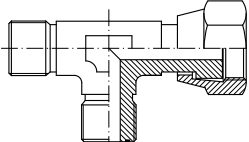
THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"-18h	ZOR7010404	71,35
ORFS 11/16"-16h	ZOR7010606	72,94
ORFS 13/16"-16h	ZOR7010808	80,08
ORFS 1"-14h	ZOR7011010	115,12
ORFS 1"3/16-12h	ZOR7011212	138,56
ORFS 1"7/16-12h	ZOR7011616	187,15
ORFS 1"11/16-12h	ZOR7012020	201,84
ORFS 2"-12h	ZOR7012424	239,46

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



THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"-18h	ZOR7020404	71,35
ORFS 11/16"-16h	ZOR7020606	75,86
ORFS 13/16"-16h	ZOR7020808	83,28
ORFS 1"-14h	ZOR7021010	115,12
ORFS 1"3/16-12h	ZOR7021212	144,10
ORFS 1"7/16-12h	ZOR7021616	187,15
ORFS 1" 11/16-12h	ZOR7022020	201,84

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

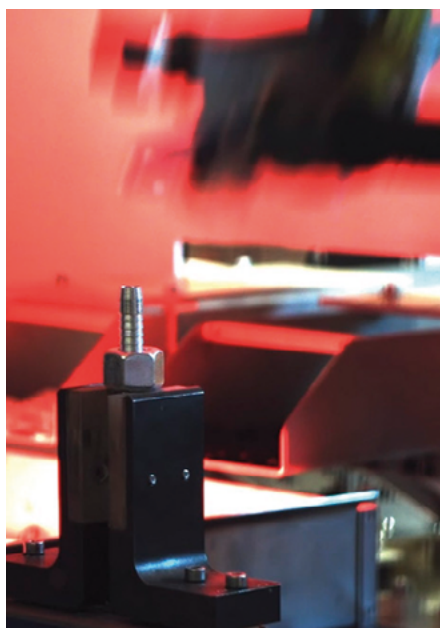


THREAD ROSCA	Part nº Referencia	€
ORFS 9/16"-18h	JVORFS04	0,47
ORFS 11/16"-16h	JVORFS06	0,52
ORFS 13/16"-16h	JVORFS08	0,58
ORFS 1"-14h	JVORFS10	0,66
ORFS 1"3/16-12h	JVORFS12	0,88
ORFS 1"7/16-12h	JVORFS16	1,38
ORFS 1" 11/16-12h	JVORFS20	1,74
ORFS 2"-12h	JVORFS24	2,07

FÁBRICA FACTORY

FABRICACIÓN 4.0: INVERTIMOS EN INNOVACIÓN PARA REINVENTAR EL PROCESO DE FABRICACIÓN

4.0 SMART MANUFACTURING: WE REINVENTED MANUFACTURING PROCEDURES THANKS TO INNOVATIVE THINKING



SOMOS FABRICANTES

DICSA posee la maquinaria industrial más novedosa e innovadora del sector, resultado de la gran inversión realizada en los últimos años. Con un exhaustivo control de cada fase de nuestros productos se ha logrado un aumento de más del 40% de la producción en el último lustro, sin dejar de garantizar siempre una calidad óptima.

Además, poseemos un sistema interno de control de calidad de alta exigencia, que nos permite tener un registro de trazabilidad desde la salida de la materia prima de las instalaciones de los proveedores hasta la llegada del producto final a su destinatario, garantizando un producto acorde siempre a las exigencias del mercado y del cliente. Incluso nuestra línea de productos ha sido auditada y aprobada por el sector más exigente, el sector automovilístico.

WE ARE MANUFACTURERS

DICSA has the most innovative industrial equipment in the sector, as a result of the ongoing investment made in recent years. We have achieved an increase of more than 40% of the production in the last five years, whilst ensuring an optimum quality, applying an exhaustive control at each stage of production.

In addition, we have an internal quality control system, which allows us to have a traceability record from the raw materials leave the supplier's factories until the arrival of the final product to our clients, whilst ensuring a product according to market and customer demands. Our production line has been audited and approved by the most demanding sector: the automotive sector.



Alta rapidez de mecanizado
High speed machining



Máquina Transfer de alta productividad
Highly productivity Transfer machine



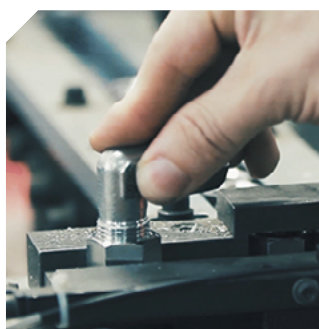
Tornos tipo suizo CNC
CNC Swiss Type Automatic Lathes



Curvadora automática
Automatic bending machine



Centro de limpieza
Clean up center



Máquina semi-automática de montaje
Semi-automatic assembling machine



CNC Robotizado
Robotic CNC



Máquina de corte computarizada
Computerized cutting machine

Welding fittings

Soldables

Schweißverschraubungen

Embouts à souder

Welding fittings

Racores soldables

Schweißverschraubungen

Embouts à souder

173

Welding flanges

Bridas soldables

Schweißflansche

Brides à souder

181

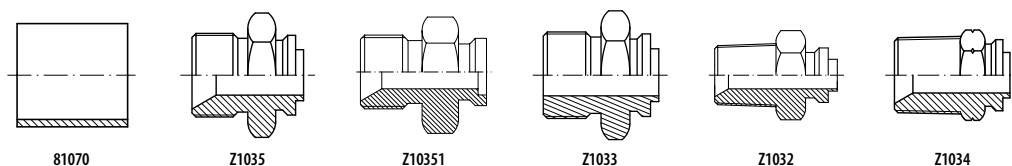
5

Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

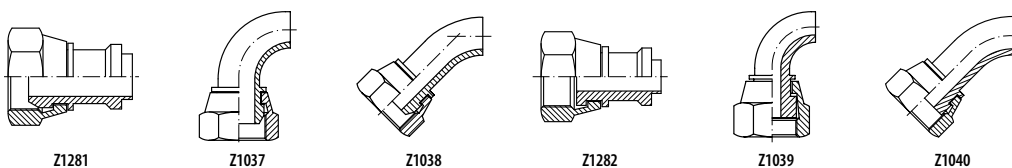
■ Welding Male / Racores macho para soldar / Schweißverschr. m / Raccords mâle à souder

| 173



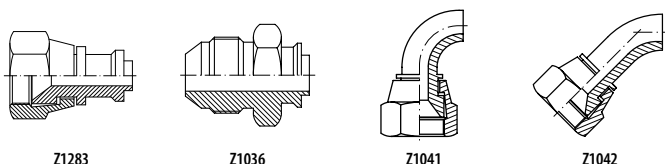
■ Welding BSP nuts / Racores BSP para soldar / Schweißarmaturen BSP / Écrous tournants à souder

| 174



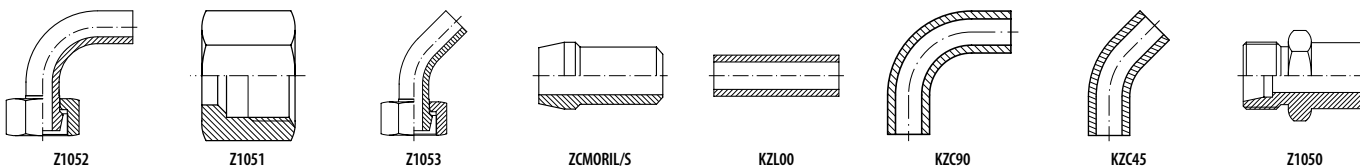
■ Welding JIC fittings / Racores JIC para soldar / Schweißverschr. JIC / Raccords JIC à souder

| 175



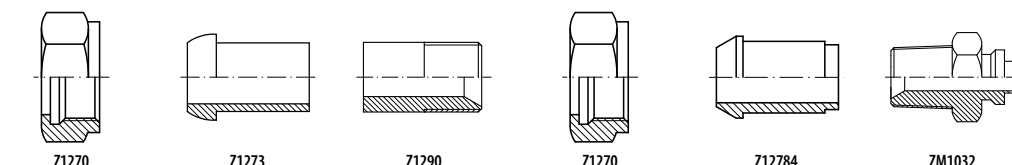
■ Welding metric fittings / Racores Métricos para soldar / Metr. Schweißverschr. / Raccords métriques à souder

| 176



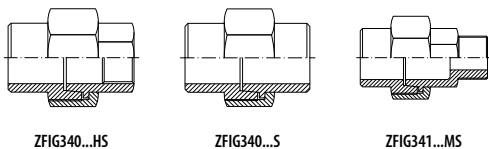
■ Welding fittings >2" / BSP >2" / Schweißnippel >2" / Raccords à souder >2"

| 178



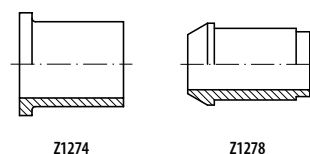
■ Welding fittings microcast / Racores Microfundido para soldar / Schweißverschr. Mikroguss / Raccords à souder micro-moulés

| 179



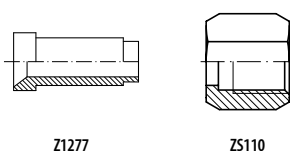
■ Other welding BSP fittings / Conos ajuste BSP / Andere Schweißverschr. BSP / Autres raccords à souder BSP

| 180



■ Other welding JIC fittings / Conos ajuste JIC / Andere Schweißverschr. JIC / Autres raccords à souder JIC

| 180

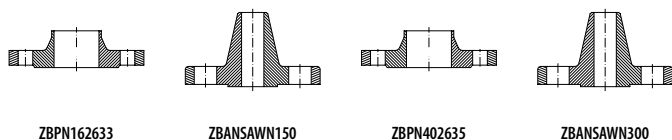


Welding flanges

Bridas soldables
Schweißflansche
Brides à souder

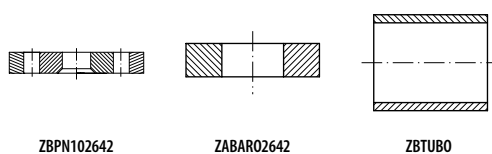
- Fixed Forged flanges / Bridas fijas para soldar / Vorschweißflansche / Brides DIN à souder fixes

181



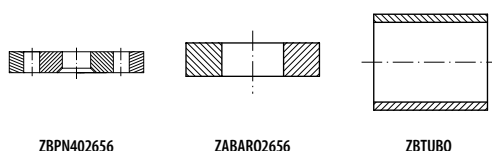
- DIN 2642 swivel flanges set / Conjunto bridas DIN 2642 / Flanschsatz DIN 2642 / Ensemble brides tournantes DIN 2642

182



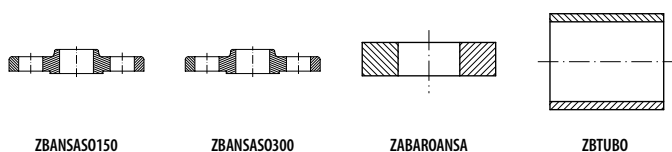
- DIN 2656 swivel flanges set / Conjunto bridas DIN 2656 / Flanschsatz DIN 2656 / Ensemble brides tournantes DIN 2656

183



- ANSI-ASA swivel flanges set / Conjunto bridas ANSI-ASA / Flanschsatz ANSI-ASA / Ensemble brides ANSI-ASA

184



MANGUERAS ACERO INOXIDABLE STAINLESS STEEL HOSES



TALLER DE SOLDADURA WELDING WORKSHOP



Welding fittings

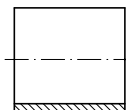
Racores soldables
Schweißverschraubungen
Embouts à souder

Welding ferrule

Casquillo soldable

Pressfassungen für Ringwellschläuche

Jupe à souder



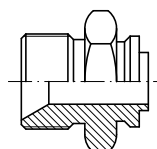
DN	Ø INNER Ø INT.	Part n° Referencia	€
1/4"	14	810700400	1,62
1/4"	12	810700401	1,62
3/8"	19	810700600	2,52
3/8"	17	810700601	1,85
1/2"	22	810700800	2,37
1/2"	19	810700801	2,37
5/8"	25	810701000	2,75
3/4"	30	810701200	2,92
3/4"	32	810701201	3,20
1"	35	810701500	3,35
1"	38	810701600	5,40
1 1/4"	47,8	810702000	6,15
1 1/4"	44,3	810702001	5,95
1 1/2"	56,3	810702400	7,19
2"	66	810703201	11,20
2 1/2"	84,9	810704000	15,03
2 1/2"	95,6	810704001	22,50
3"	100	810704801	26,26
4"	125	810706400	34,81

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



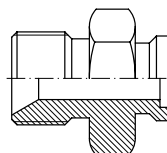
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z103504	10,97
3/8"	3/8" BSP	Z103506	13,67
1/2"	1/2" BSP	Z103508	12,58
3/4"	3/4" BSP	Z103512	17,85
1"	1" BSP	Z103516	32,04
1 1/4"	1 1/4" BSP	Z103520	48,44
1 1/2"	1 1/2" BSP	Z103524	48,06
2"	2" BSP	Z103532	73,68

Inside welding BSP Male

Macho BSP 60° soldable interior

Außengewinde BSP 60° innen schweißbar

Mâle à souder int. BSP inox



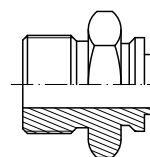
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z1035104	14,36
3/8"	3/8" BSP	Z1035106	15,69
1/2"	1/2" BSP	Z1035108	18,08
3/4"	3/4" BSP	Z1035112	21,61
1"	1" BSP	Z1035116	31,71
1 1/4"	1 1/4" BSP	Z1035120	52,00
1 1/2"	1 1/2" BSP	Z1035124	60,26
2"	2" BSP	Z1035132	87,93

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



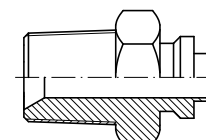
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSP	Z103304	13,09
3/8"	3/8" BSP	Z103306	13,43
1/2"	1/2" BSP	Z103308	14,39
3/4"	3/4" BSP	Z103312	21,24
1"	1" BSP	Z103316	30,89
1 1/4"	1 1/4" BSP	Z103320	49,83
1 1/2"	1 1/2" BSP	Z103324	56,33
2"	2" BSP	Z103332	87,98

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



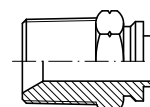
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" BSPT	Z103204	12,35
3/8"	3/8" BSPT	Z103206	12,32
1/2"	1/2" BSPT	Z103208	13,27
3/4"	3/4" BSPT	Z103212	18,92
1"	1" BSPT	Z103216	26,46
1 1/4"	1 1/4" BSPT	Z103220	41,85
1 1/2"	1 1/2" BSPT	Z103224	49,71
2"	2" BSPT	Z103232	84,61

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



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4" NPT	Z10340400	10,89
3/8"	3/8" NPT	Z10340600	14,07
1/2"	1/2" NPT	Z10340800	13,59
3/4"	3/4" NPT	Z10341200	20,18
1"	1" NPT	Z10341600	28,77
1 1/4"	1 1/4" NPT	Z10342000	49,21
1 1/2"	1 1/2" NPT	Z10342400	55,74
2"	2" NPT	Z10343200	92,74

Welding fittings

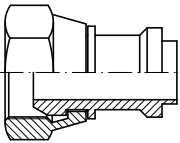
Racores soldables
Schweißverschraubungen
Embouts à souder

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



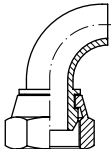
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	Z128104	10,47
3/8"	3/8" BSP	Z128106	11,45
1/2"	1/2" BSP	Z128108	13,94
3/4"	3/4" BSP	Z128112	17,98
1"	1" BSP	Z128116	29,51
1"1/4	1"1/4 BSP	Z128120	55,54
1"1/2	1"1/2 BSP	Z128124	62,91
2"	2" BSP	Z128132	102,28

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°



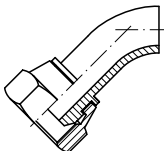
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	Z103704	26,65
3/8"	3/8" BSP	Z103706	31,40
1/2"	1/2" BSP	Z103708	37,06
3/4"	3/4" BSP	Z103712	54,80
1"	1" BSP	Z103716	67,68
1"1/4	1"1/4 BSP	Z103720	109,60
1"1/2	1"1/2 BSP	Z103724	144,74
2"	2" BSP	Z103732	153,18

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°



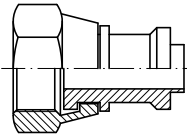
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	Z103804	26,99
3/8"	3/8" BSP	Z103806	32,25
1/2"	1/2" BSP	Z103808	40,54
3/4"	3/4" BSP	Z103812	47,79
1"	1" BSP	Z103816	65,01
1"1/4	1"1/4 BSP	Z103820	112,01
1"1/2	1"1/2 BSP	Z103824	124,01
2"	2" BSP	Z103832	145,00

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



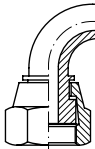
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	Z128204	10,52
3/8"	3/8" BSP	Z128206	13,19
1/2"	1/2" BSP	Z128208	13,91
3/4"	3/4" BSP	Z128212	16,00
1"	1" BSP	Z128216	26,79
1"1/4	1"1/4 BSP	Z128220	53,35
1"1/2	1"1/2 BSP	Z128224	78,21
2"	2" BSP	Z128232	109,83

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



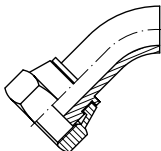
DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	Z103904	33,82
3/8"	3/8" BSP	Z103906	39,71
1/2"	1/2" BSP	Z103908	33,30
3/4"	3/4" BSP	Z103912	54,64
1"	1" BSP	Z103916	63,42
1"1/4	1"1/4 BSP	Z103920	105,96
1"1/2	1"1/2 BSP	Z103924	150,21
2"	2" BSP	Z103932	162,02

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



DN	THREAD ROSCA	Part nº Referencia	€
1/4"	1/4" BSP	Z104004	23,80
3/8"	3/8" BSP	Z104006	24,60
1/2"	1/2" BSP	Z104008	30,41
3/4"	3/4" BSP	Z104012	48,11
1"	1" BSP	Z104016	59,20
1"1/4	1"1/4 BSP	Z104020	87,74
1"1/2	1"1/2 BSP	Z104024	136,41
2"	2" BSP	Z104032	159,50

Welding fittings

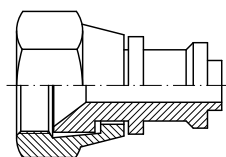
Racores soldables
Schweißverschraubungen
Embouts à souder

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



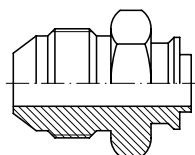
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z12830704	14,06
1/4"	1/2" 20h UNF	Z12830804	14,74
3/8"	9/16" 18h UNF	Z12830906	15,50
3/8"	3/4" 16h UNF	Z12831206	17,23
1/2"	3/4" 16h UNF	Z12831208	16,65
1/2"	7/8" 14h UNF	Z12831408	18,27
3/4"	1"1/16 12h UN	Z12831712	21,97
1"	1"5/16 12h UN	Z12832116	30,39
1"1/4	1"5/8 12h UN	Z12832620	57,47
1"1/2	1"7/8 12h UN	Z12833024	85,16

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



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z10360704	11,55
1/4"	1/2" 20h UNF	Z10360804	12,13
3/8"	9/16" 18h UNF	Z10360906	15,45
3/8"	3/4" 16h UNF	Z10361206	14,85
1/2"	3/4" 16h UNF	Z10361208	17,03
1/2"	7/8" 14h UNF	Z10361408	18,64
5/8"	7/8" 14h UNF	Z10361410	19,56
3/4"	1"1/16 12h UN	Z10361712	19,85
1"	1"5/16 12h UN	Z10362116	32,06
1"1/4	1"5/8 12h UN	Z10362620	50,70
1"1/4	1"7/8 12h UN	Z10363020	81,64

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°



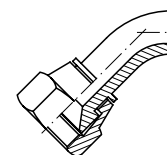
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z10410704	23,94
1/4"	1/2" 20h UNF	Z10410804	23,49
3/8"	9/16" 18h UNF	Z10410906	23,83
1/2"	3/4" 16h UNF	Z10411208	27,35
1/2"	7/8" 14h UNF	Z10411408	26,42
3/4"	1"1/16 12h UN	Z10411712	52,54
1"	1"5/16 12h UN	Z10412116	60,17
1"1/4	1"5/8 12h UN	Z10412620	100,52
1"1/2	1"7/8 12h UN	Z10413024	170,41

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°



DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z10420704	24,86
1/4"	1/2" 20h UNF	Z10420804	25,37
3/8"	9/16" 18h UNF	Z10420906	25,74
1/2"	3/4" 16h UNF	Z10421208	25,68
1/2"	7/8" 14h UNF	Z10421408	28,53
3/4"	1"1/16 12h UN	Z10421712	48,67
1"	1"5/16 12h UN	Z10422116	64,98
1"1/4	1"5/8 12h UN	Z10422620	108,56
1"1/2	1"7/8 12h UN	Z10423024	176,97

Welding fittings

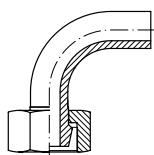
Racores soldables
Schweißverschraubungen
Embouts à souder

Weldable metrical swivel female 90°

Hembra giratoria 90° soldable métrica

Dichtkopf mit Ü-Mutter 90° metr. schweißbar

Femelle tournante 90° métrique à souder



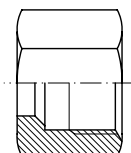
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
6	M12X1.5	Z10521206	21,83
8	M14X1.5	Z10521408	22,44
10	M16X1.5	Z10521610	30,53
12	M18X1.5	Z10521812	24,86
15	M22X1.5	Z10522215	30,67
18	M26X1.5	Z10522618	43,83
22	M30X2	Z10523022	54,14
28	M36X2	Z10523628	76,71
35	M45X2	Z10524535	134,44
42	M52X2	Z10525242	177,69
6	M14X1.5	Z10521406	22,84
8	M16X1.5	Z10521608	24,48
10	M18X1.5	Z10521810	23,68
12	M20X1.5	Z10522012	33,89
14	M22X1.5	Z10522214	28,63
16	M24X1.5	Z10522416	40,81
20	M30X2	Z10523020	49,72
25	M36X2	Z10523625	75,35
30	M42X2	Z10524230	110,82
38	M52X2	Z10525238	168,68

DIN nut

Tuercas Métricas

Metr. Muttern - M DIN

Écrou DIN



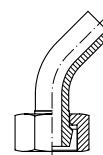
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
6	M12X1.5	Z10510612	2,09
6	M14X1.5	Z10510614	2,82
8	M14X1.5	Z10510814	2,59
8	M16X1.5	Z10510816	3,17
10	M16X1.5	Z10511016	2,97
10	M18X1.5	Z10511018	3,97
12	M18X1.5	Z10511218	3,58
12	M20X1.5	Z10511220	4,41
14	M22X1.5	Z10511422	7,17
15	M22X1.5	Z10511522	5,18
16	M24X1.5	Z10511624	7,97
18	M26X1.5	Z10511826	8,05
20	M30X2	Z10512030	12,14
22	M30X2	Z10512230	10,46
25	M36X2	Z10512536	28,66
28	M36X2	Z10512836	21,51
30	M42X2	Z10513042	34,78
35	M45X2	Z10513545	33,65
38	M52X2	Z10513852	54,57
42	M52X2	Z10514252	38,46

Weldable metrical swivel female 45°

Hembra giratoria 45° soldable métrica

Dichtkopf mit Ü-Mutter Bogen 45° metr. schweißbar

Femelle tournante 45° métrique à souder



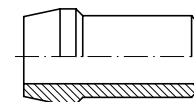
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
6	M12X1.5	Z10531206	23,58
8	M14X1.5	Z10531408	24,24
10	M16X1.5	Z10531610	26,37
12	M18X1.5	Z10531812	26,84
15	M22X1.5	Z10532215	33,11
18	M26X1.5	Z10532618	47,34
22	M30X2	Z10533022	58,47
28	M36X2	Z10533628	79,66
35	M45X2	Z10534535	145,20
42	M52X2	Z10535242	191,90
6	M14X1.5	Z10531406	24,67
8	M16X1.5	Z10531608	25,42
10	M18X1.5	Z10531810	25,57
12	M20X1.5	Z10532012	27,16
14	M22X1.5	Z10532214	30,92
16	M24X1.5	Z10532416	44,07
20	M30X2	Z10533020	53,70
25	M36X2	Z10533625	81,38
38	M52X2	Z10535238	182,18

Welding metal cone nipple

Boquilla para soldar como metal

Schweißkegel Metallkonus

Raccord collet cône métallique à souder



PIPE TUBO	SERIE	Part n° Referencia	€
10X1,5	L	Z CMORIL 10	8,61
15X2,5	L	Z CMORIL 15	14,51
18X2,5	L	Z CMORIL 18	15,38
22X2,5	L	Z CMORIL 22	19,38
28X3	L	Z CMORIL 28	22,81
35X4	L	Z CMORIL 35	37,77
42X3	L	Z CMORIL 42	59,93
6X2	L/S	Z CMORIS 6	7,06
8X2	L/S	Z CMORIS 8	9,12
10X2	L/S	Z CMORIS 10	8,61
12X2	L/S	Z CMORIS 12	10,24
14X3	S	Z CMORIS 14	11,05
16X3	S	Z CMORIS 16	14,81
20X3	S	Z CMORIS 20	16,97
25X4	S	Z CMORIS 25	26,49
30X5	S	Z CMORIS 30	28,99
38X5	S	Z CMORIS 38	42,50

If you want the item with o-ring, please see page 105 / En caso de querer la pieza con junta, ver pág. 105 / Im Fall des Bedarfs des Artikels mit Dichtung vgl. Sie bitte S. 105 / Si vous voulez la pièce avec le joint, voir page 105

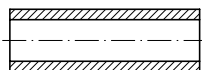
Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Welding metric standpipe

Espiga lisa métrica recta

Metr. Schweißstutzen glatt



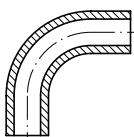
Embout lisse métrique à souder

Ø OUTER Ø EXT.	Ø INNER Ø INT.	Part n° Referencia	€
6	4	KZL0006	6,93
8	6	KZL0008	7,64
10	7	KZL0010	7,70
12	9	KZL0012	7,97
14	10	KZL0014	10,99
15	12	KZL0015	10,53
16	12	KZL0016	11,91
18	15	KZL0018	15,57
20	14	KZL0020	18,71
22	18	KZL0022	19,97

Welding metric standpipe 90°

Espiga lisa métrica 90°

Metr. Schweißstutzen 90° glatt



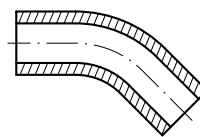
Embout lisse métrique 90° à souder

Ø OUTER Ø EXT.	Ø INNER Ø INT.	Part n° Referencia	€
6	4	KZC9006	6,16
8	4	KZC9008	8,76
10	6	KZC9010	9,20
12	8	KZC9012	11,42
14	10	KZC9014	13,54
15	11	KZC9015	14,69
16	11	KZC9016	17,03
18	14	KZC9018	19,70
20	12	KZC9020	23,21
22	18	KZC9022	27,04

Welding metric standpipe 45°

Espiga lisa métrica 45°

Metr. Schweißstutzen 45° glatt



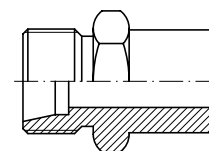
Embout lisse métrique 45° à souder

Ø OUTER Ø EXT.	Ø INNER Ø INT.	Part n° Referencia	€
6	4	KZC4506	6,16
8	4	KZC4508	8,76
10	6	KZC4510	9,20
12	8	KZC4512	11,42
14	10	KZC4514	13,54
15	11	KZC4515	14,69
16	11	KZC4516	17,03
18	14	KZC4518	19,70
20	12	KZC4520	23,21
22	18	KZC4522	27,04

Welding DIN Male

Macho soldable Métrico

Schweiß-Außengewinde metr.



Mâle à souder métrique

PIPE TUBO	SERIE	Part n° Referencia	€
6	L	Z1050L06	7,38
8	L	Z1050L08	8,80
10	L	Z1050L10	9,43
12	L	Z1050L12	10,36
15	L	Z1050L15	16,34
18	L	Z1050L18	20,02
22	L	Z1050L22	30,66
28	L	Z1050L28	36,99
35	L	Z1050L35	60,07
42	L	Z1050L42	73,65
6	S	Z1050S06	9,19
8	S	Z1050S08	12,17
10	S	Z1050S10	14,04
12	S	Z1050S12	17,39
14	S	Z1050S14	21,55
16	S	Z1050S16	21,22
20	S	Z1050S20	25,60
25	S	Z1050S25	33,94
30	S	Z1050S30	48,28
38	S	Z1050S38	89,28

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



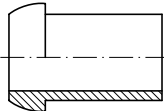
THREAD ROSCA	Part nº Referencia	€
1/4" BSP	Z127004	4,08
3/8" BSP	Z127006	5,85
1/2" BSP	Z127008	5,04
3/4" BSP	Z127012	7,49
1" BSP	Z127016	13,06
1"1/4 BSP	Z127020	28,21
1"1/2 BSP	Z127024	35,31
2" BSP	Z127032	53,59

Welding nipple BSP 60°

Cono ajuste BSP 60°

Schweißnippel DK 60 Dichtkegel 60°

Collet à souder BSP cone 60°



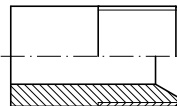
THREAD ROSCA	Part nº Referencia	€
1/4" BSP	Z127304	3,34
3/8" BSP	Z127306	3,60
1/2" BSP	Z127308	6,17
3/4" BSP	Z127312	7,42
1" BSP	Z127316	12,40
1"1/4 BSP	Z127320	19,35
1"1/2 BSP	Z127324	37,84
2" BSP	Z127332	41,40

Welding male BSP 60° union

Empalme liso soldable macho BSP 60°

Anschweißnippel BSP 60°

Embout mâle lisse à souder BSP cône 60°



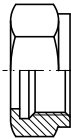
DN	THREAD ROSCA	Part nº Referencia	€
1/8"	1/8" BSP	Z129002	7,43
1/4"	1/4" BSP	Z129004	7,55
3/8"	3/8" BSP	Z129006	7,31
1/2"	1/2" BSP	Z129008	8,50
3/4"	3/4" BSP	Z129012	17,20
1"	1" BSP	Z129016	25,24
1"1/4	1"1/4 BSP	Z129020	32,50
1"1/2	1"1/2 BSP	Z129024	47,11
2"	2" BSP	Z129032	106,53

Micro-casting BSP nuts AISI-316

Tuercas BSP Microfundido AISI-316

Muttern BSP Mikroguss AISI-316

Écrous BSP en acier moulé AISI-316



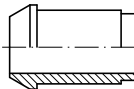
THREAD ROSCA	Part nº Referencia	€
2"1/2 BSP	Z127040	118,40
3" BSP	Z127048	154,48
4" BSP	Z127064	196,98

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 cone 60° avec guide



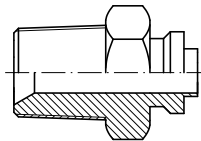
DN	THREAD ROSCA	Part nº Referencia	€
2"1/2	2"1/2 BSP	Z127840	96,37
3"	3" BSP	Z127848	121,91
4"	4" BSP	Z127864	171,30

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	THREAD ROSCA	Part nº Referencia	€
2"1/2	2"1/2 BSPT	ZM103240	126,81
3"	3" BSPT	ZM103248	155,48
4"	4" BSPT	ZM103264	200,13

Welding fittings

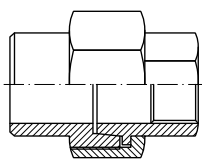
Racores soldables
Schweißverschraubungen
Embouts à souder

Union 3 fem. welding pieces fig.340hs micro-casting

Unión 3 piezas hembra-soldar FIG.340HS
microfundido

3-teilige Schweißversch. w FIG. 340hs
Mikroguss

Union 3 pcs fem. à souder fig.340hs inox acier
moulé



THREAD ROSCA	Part n° Referencia	€
1/4"	ZFIG34004HS	*
3/8"	ZFIG34006HS	*
1/2"	ZFIG34008HS	*
3/4"	ZFIG34012HS	*
1"	ZFIG34016HS	*
1" 1/4	ZFIG34020HS	*
1" 1/2	ZFIG34024HS	*
2"	ZFIG34032HS	*

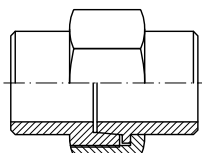
*See prices p.208 / *Ver precios en p.208 / * Vgl. Sie die Preise auf S. 208 / *Voir prix p.208

Union 3 welding pieces fig. 340s micro-casting

Unión 3 piezas soldar FIG.340S microfundido

3-teilige Schweißversch. FIG. 340s Mikroguss

Union 3 pièces à souder fig. 340s inox acier moulé



DN	Part n° Referencia	€
1/4"	ZFIG34004S	*
3/8"	ZFIG34006S	*
1/2"	ZFIG34008S	*
3/4"	ZFIG34012S	*
1"	ZFIG34016S	*
1" 1/4	ZFIG34020S	*
1" 1/2	ZFIG34024S	*
2"	ZFIG34032S	*

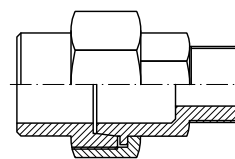
*See prices p.208 / *Ver precios en p.208 / * Vgl. Sie die Preise auf S. 208 / *Voir prix p.208

Union 3 welding male pieces fig.341ms micro-casting

Unión 3 piezas macho-soldar FIG.341MS
microfundido

3-teilige Schweißversch. m FIG. 341ms
Mikroguss

Union 3 pcs mâle à souder fig.341ms inox acier
moulé



THREAD ROSCA	Part n° Referencia	€
1/4"	ZFIG34104MS	*
3/8"	ZFIG34106MS	*
1/2"	ZFIG34108MS	*
3/4"	ZFIG34112MS	*
1"	ZFIG34116MS	*
1" 1/4	ZFIG34120MS	*
1" 1/2	ZFIG34124MS	*
2"	ZFIG34132MS	*

*See prices p.208 / *Ver precios en p.208 / * Vgl. Sie die Preise auf S. 208 / *Voir prix p.208

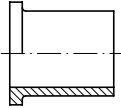
Welding fittings

Racores soldables
Schweißverschraubungen
Embouts à souder

Welding nipple BSP flat seat

Cono ajuste BSP asiento plano

Schweißnippel DK 60 Dichtkegel 60°
flachdichtend



Collet à souder BSP fond plat

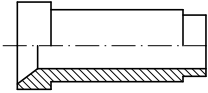
THREAD ROSCA	Ø OUTER Ø EXT.	Part n° Referencia	€
1/2 BSP	16	Z127408	5,92
1"1/4 BSP	33	Z127420	23,65
2" BSP	52.4	Z127432	46,80
1"1/4 BSP	33	Z127920	23,65

Until end of stock.Z127920 with guide / Hasta fin de existencias.Z127920 con guía. / Bis zum Ende des Lagerbestandes.Z127920 mit Außengewinde / Jusqu'à fin du stock.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 cone 37° avec guide

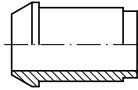
DN	THREAD ROSCA	Part n° Referencia	€
1/4"	7/16" 20h UNF	Z12770704	7,12
1/4"	1/2" 20h UNF	Z12770804	8,20
3/8"	9/16" 18h UNF	Z12770906	7,31
3/8"	3/4" 16h UNF	Z12771206	7,54
5/8"	7/8" 14h UNF	Z12771410	8,57
3/4"	1"1/16 12h UN	Z12771712	9,58
1"1/4	1"5/8 12h UN	Z12772620	25,61

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

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 cone 60° avec guide

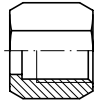
DN	THREAD ROSCA	Part n° Referencia	€
1"	1" BSP	Z127816	6,66
1"1/4	1"1/4 BSP	Z127820	17,70

Until end of stock. See WELDABLE SWIVEL FEM.BSP (Z1281...) / Hasta fin de existencias. Ver H.G. SOLDAR BSP (Z1281...) / Solange der Vorrat reicht. Vgl. Sie Dichtkopf BSP schweißbar (Z1281...) / Jusqu'à la fin du stock. Voir FEM.TOURN.À SOUDER BSP (Z1281...)

JIC nut

Tuercas JIC

Muttern JIC - M JIC



Écrou JIC

PIPE TUBO		THREAD ROSCA	Part nº Referencia	€
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	*

*See prices in p.112 (JIC Fittings) / *Ver precios en p.112 (R. JIC) / *Vgl. Sie die Preise auf S. 112 (JIC) / *Prix à la page 112 (R. JIC)

Welding flanges

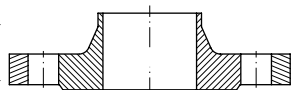
Bridas soldables
Schweißflansche
Brides à souder

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



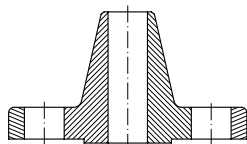
DN	Part nº Referencia	€
15-1/2"	ZBPN16263308	31,62
20-3/4"	ZBPN16263312	42,11
25-1"	ZBPN16263316	55,46
32-1"1/4	ZBPN16263320	74,92
40-1"1/2	ZBPN16263324	89,02
50-2"	ZBPN16263332	118,67
65-2"1/2	ZBPN16263340	135,66
80-3"	ZBPN16263348	138,42
100-4"	ZBPN16263364	211,02

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



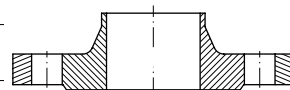
DN	Part nº Referencia	€
15-1/2"	ZBANSAWN15008	24,84
20-3/4"	ZBANSAWN15012	35,48
25-1"	ZBANSAWN15016	50,09
32-1"1/4	ZBANSAWN15020	61,79
40-1"1/2	ZBANSAWN15024	80,10
50-2"	ZBANSAWN15032	118,90
65-2"1/2	ZBANSAWN15040	188,76
80-3"	ZBANSAWN15048	233,14
100-4"	ZBANSAWN15064	313,63

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



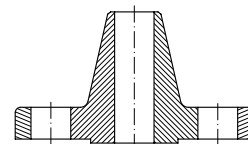
DN	Part nº Referencia	€
15-1/2"	ZBPN40263508	31,94
20-3/4"	ZBPN40263512	46,98
25-1"	ZBPN40263516	57,21
32-1"1/4	ZBPN40263520	80,10
40-1"1/2	ZBPN40263524	103,27
50-2"	ZBPN40263532	125,00
65-2"1/2	ZBPN40263540	165,78
80-3"	ZBPN40263548	202,47
100-4"	ZBPN40263564	277,90

FLANGE ANSI-ASA Welding Neck 300 LBS

Brida fija ANSI-ASA 300 LBS

Flansch ANSI-ASA W.NECK 300 LBS

Bride ANSI-ASA Welding Neck 300 LBS



DN	Part nº Referencia	€
15-1/2"	ZBANSAWN30008	37,25
20-3/4"	ZBANSAWN30012	61,58
25-1"	ZBANSAWN30016	77,60
32-1"1/4	ZBANSAWN30020	94,22
40-1"1/2	ZBANSAWN30024	139,18
50-2"	ZBANSAWN30032	163,59
65-2"1/2	ZBANSAWN30040	236,92
80-3"	ZBANSAWN30048	313,23
100-4"	ZBANSAWN30064	508,85

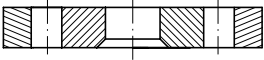
Welding flanges

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	Part nº Referencia	€
15-1 1/2"	ZBPN10264208	26,34
20-3 3/4"	ZBPN10264212	32,22
25-1"	ZBPN10264216	55,92
32-1 1/4"	ZBPN10264220	64,01
40-1 1/2"	ZBPN10264224	71,26
50-2"	ZBPN10264232	84,01
65-2 1/2"	ZBPN10264240	126,45
80-3"	ZBPN10264248	174,62
100-4"	ZBPN10264264	215,05

Ring for flange DIN 2642

Aro para brida DIN 2642

Ring für Flansche DIN 2642



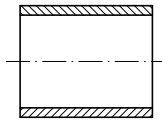
Collet épais pour bride DIN 2642

DN	Part nº Referencia	€
1 1/2"	ZABARO264208	10,89
3 3/4"	ZABARO264212	28,52
1"	ZABARO264216	36,77
1 1/4"	ZABARO264220	45,84
1 1/2"	ZABARO264224	56,72
2"	ZABARO264232	43,17
2 1/2"	ZABARO264240	135,78
3"	ZABARO264248	213,21
4"	ZABARO264264	225,49

Tube for welding flanges ANSI-DIN

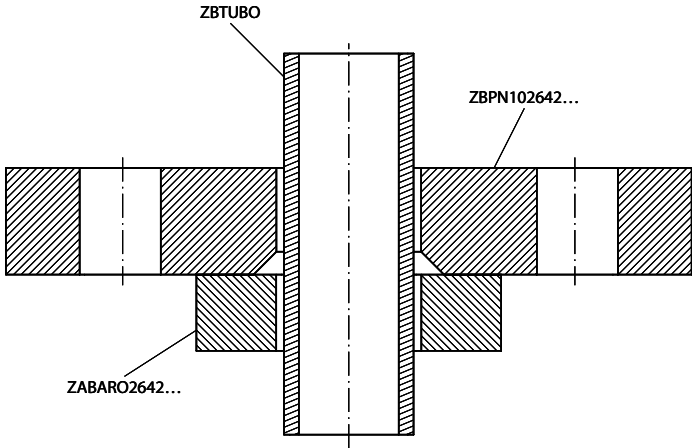
Tube para soldar bridas ANSI-DIN

Rohr für Schweißflansche ANSI-DIN



Tube à souder brides ANSI-DIN

DN	Part nº Referencia	€
3/8"	ZBTUBO06	6,03
1/2"	ZBTUBO08	9,74
3/4"	ZBTUBO12	8,31
1"	ZBTUBO16	9,17
1 1/4"	ZBTUBO20	11,65
1 1/2"	ZBTUBO24	14,56
2"	ZBTUBO32	19,02
2 1/2"	ZBTUBO40	20,06
3"	ZBTUBO48	28,13
4"	ZBTUBO64	37,92



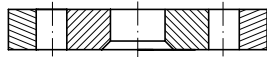
Welding flanges

Bridas soldables
Schweißflansche
Brides à souder

Welding forged flange DIN 2656 PN 40

Brida plana PN40 DIN 2656

Vorschweißflansch DIN 2656 PN 40



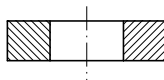
Bride tournante à souder DIN 2656 PN 40

DN	Part n° Referencia	€
15-1/2"	ZBPN40265608	30,28
20-3/4"	ZBPN40265612	36,49
25-1"	ZBPN40265616	44,46
32-1"1/4	ZBPN40265620	72,23
40-1"1/2	ZBPN40265624	81,71
50-2"	ZBPN40265632	106,80
65-2"1/2	ZBPN40265640	116,72
80-3"	ZBPN40265648	152,35
100-4"	ZBPN40265664	197,47

Ring for flange DIN 2656

Aro para brida DIN 2656

Ring für Flansche DIN 2656



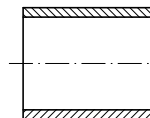
Collet épais pour bride DIN 2656

DN	Part n° Referencia	€
1/2"	ZABARO265608	15,09
3/4"	ZABARO265612	30,57
1"	ZABARO265616	39,38
1"1/4	ZABARO265620	47,02
1"1/2	ZABARO265624	61,91
2"	ZABARO265632	88,74
2"1/2	ZABARO265640	125,00
3"	ZABARO265648	158,61

Tube for welding flanges ANSI-DIN

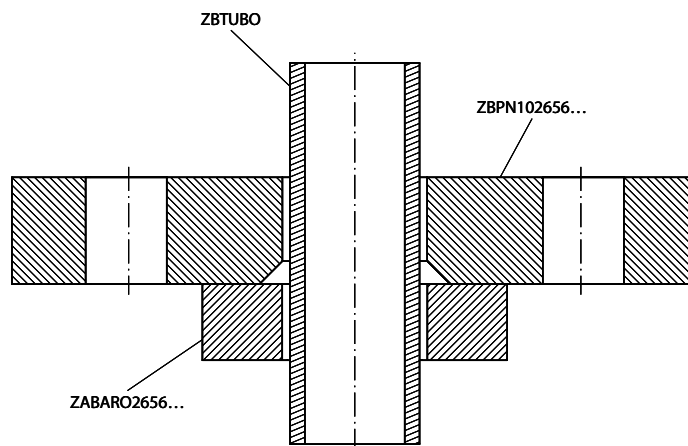
Tube para soldar bridas ANSI-DIN

Rohr für Schweißflansche ANSI-DIN



Tube à souder brides ANSI-DIN

DN	Part n° Referencia	€
3/8"	ZBTUBO06	6,03
1/2"	ZBTUBO08	9,74
3/4"	ZBTUBO12	8,31
1"	ZBTUBO16	9,17
1"1/4	ZBTUBO20	11,65
1"1/2	ZBTUBO24	14,56
2"	ZBTUBO32	19,02
2"1/2	ZBTUBO40	20,06
3"	ZBTUBO48	28,13
4"	ZBTUBO64	37,92



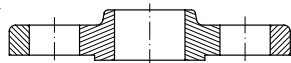
Welding flanges

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	Part n° Referencia	€
15-1/2"	ZBANSASO15008	18,29
20-3/4"	ZBANSASO15012	25,33
25-1"	ZBANSASO15016	34,90
32-1"1/4	ZBANSASO15020	43,48
40-1"1/2	ZBANSASO15024	58,56
50-2"	ZBANSASO15032	90,94
65-2"1/2	ZBANSASO15040	135,36
80-3"	ZBANSASO15048	173,16
100-4"	ZBANSASO15064	232,47

Swivel flange ANSI-ASA 300 LBS

Brida plana ANSI-ASA 300 LBS

Flansch ANSI-ASA 300 LBS



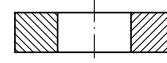
Bride tournante ANSI-ASA 300 LBS

DN	Part n° Referencia	€
15-1/2"	ZBANSASO30008	29,03
20-3/4"	ZBANSASO30012	47,92
25-1"	ZBANSASO30016	61,08
32-1"1/4	ZBANSASO30020	71,87
40-1"1/2	ZBANSASO30024	109,98
50-2"	ZBANSASO30032	128,27
65-2"1/2	ZBANSASO30040	188,03
80-3"	ZBANSASO30048	420,66
100-4"	ZBANSASO30064	712,87

Ring for flange ANSI-ASA

Aro para brida ANSI-ASA

Ring für Flansche ANSI-ASA



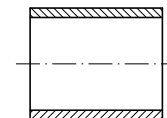
Collet épais pour bride ANSI-ASA

DN	Part n° Referencia	€
1/2"	ZABAROANSA08	6,44
3/4"	ZABAROANSA12	8,41
1"	ZABAROANSA16	10,09
1"1/4	ZABAROANSA20	14,62
1"1/2	ZABAROANSA24	19,67
2"	ZABAROANSA32	50,83
2"1/2	ZABAROANSA40	35,70
3"	ZABAROANSA48	56,23
4"	ZABAROANSA64	80,36

Tube for welding flanges ANSI-DIN

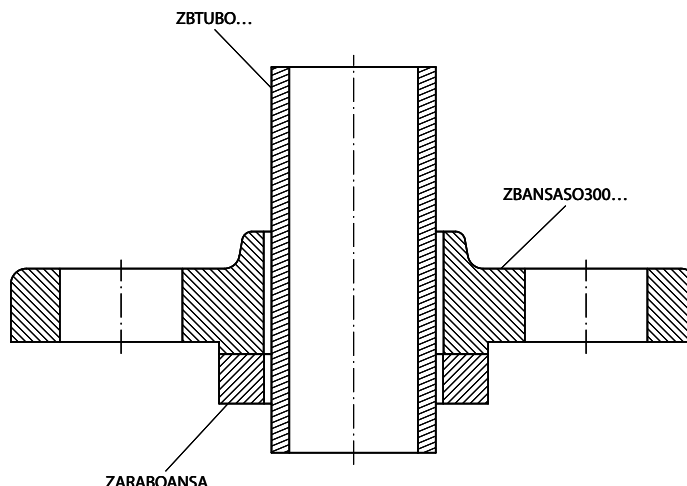
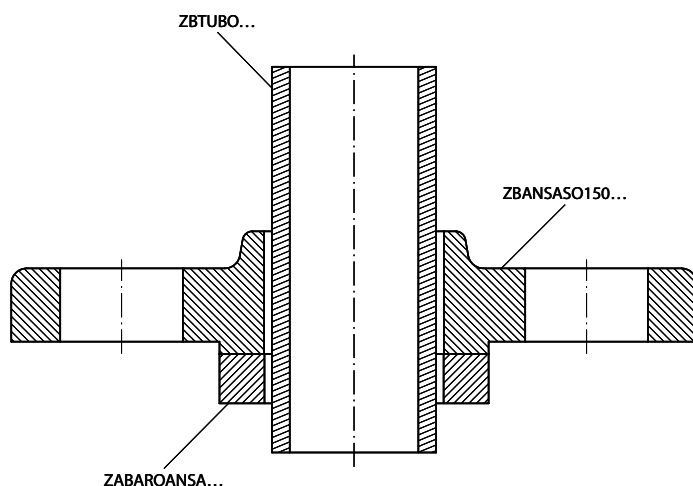
Tubo para soldar bridas ANSI-DIN

Rohr für Schweißflansche ANSI-DIN



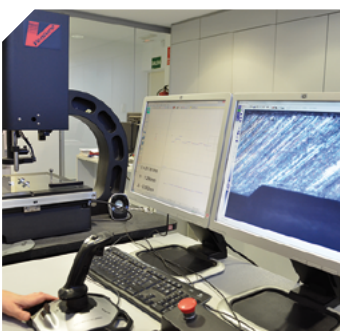
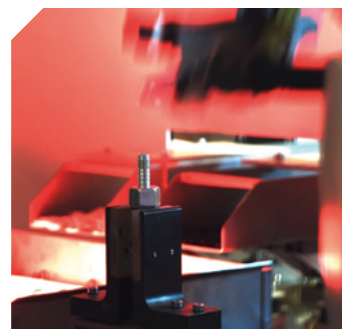
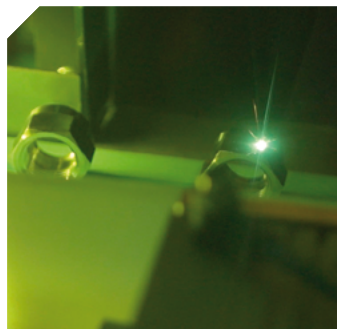
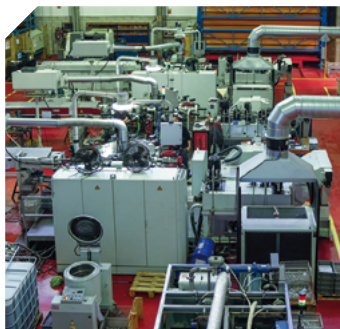
Tube à souder brides ANSI-DIN

DN	Part n° Referencia	€
3/8"	ZBTUBO06	6,03
1/2"	ZBTUBO08	9,74
3/4"	ZBTUBO12	8,31
1"	ZBTUBO16	9,17
1"1/4	ZBTUBO20	11,65
1"1/2	ZBTUBO24	14,56
2"	ZBTUBO32	19,02
2"1/2	ZBTUBO40	20,06
3"	ZBTUBO48	28,13
4"	ZBTUBO64	37,92





A HUNDRED HEADS. ONE MIND.



FABRICACIÓN • MANUFACTURE
LOGÍSTICA • LOGISTICS
ÁREA CALIDAD • QUALITY DEPARTMENT
ÁREA TÉCNICA • TECHNICAL DEPARTMENT
TALLER HIDRÁULICA • HYDRAULIC WORKSHOP
TALLER LATIGUILLOS • HOSE ASSEMBLY WORKSHOP
TALLER SOLDADURA • WELDING WORKSHOP
SERVICIOS COMERCIALES • COMMERCIAL SERVICES
PLATAFORMA DIGITAL • DIGITAL PLATFORM



Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

Trile LOK

Industrial fittings

Racores industriales

Industriekupplungen

Raccords industriels

Food industry fittings

191

Racores industria alimentaria

Kupplungen für Lebensmittelindustrie

Raccords alimentaires

DIN 2828 Camlock Fittings

197

Serie Camlock DIN 2828

CAMLOCK AISI 316 - DIN 2828

Raccords Camlock DIN 2828

GUILLEMIN NF E-29572 Fittings

201

Acoples GUILLEMIN NF E-29572

Kupplungen GUILLEMIN NF E-29572

Raccords GUILLEMIN NF E-29572

TW (Tankwagen) DIN 28450 Fittings

203

Acoples TW (Tankwagen) DIN 28450

Kupplungen TW (Tankwagen) DIN 28450

Raccords TW (Tankwagen) DIN 28450

Stainless Steel accessories for industrial fitting

204

Accesorios inox para racor industrial

Edelstahl-Zubehör für Industriekupplungen

Accessoires acier inox pour raccord industriel

Screw low pressure fittings 150 LBS (Male BSPT / Female BSP)

205

Racores baja presión 150 LBS

Niederdruck-Armaturen 150 lbs (Aussengewinde BSPT / Muffe BSP)

Raccords basse pression 150 LBS (Mâle BSPT / Femelle BSP)

6

Food industry fittings

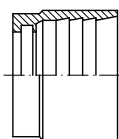
Racores industria alimentaria

Kupplungen für Lebensmittelindustrie

Raccords alimentaires

- Crimping ferrules / Casquillos para prensar / Pressfassungen / Jupes à sertir

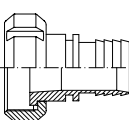
| 191



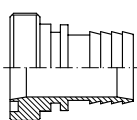
81042

- SMS Unions / Racores SMS / SMS-Armaturen / Raccords SMS

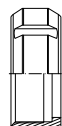
| 192



ZRA200



ZRA212



ZSMS H



ZSMS S



ZSMS M



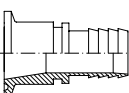
JSMSS



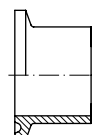
JSMSP

- Clamp Unions / Racores Tri-Clamp / TRI-CLAMP-Armaturen / Raccords Tri-Clamp

| 193



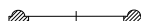
ZTC



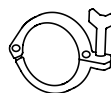
ZC



JCLAMPS



JCLAMPP



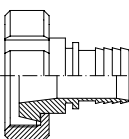
ZAC1P



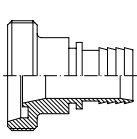
ZPC

- DIN 11851 Unions / Racores DIN 11851 / Verschraubungen Din 11851 / Raccords DIN 11851

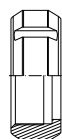
| 194



ZRA100



ZRA112



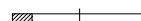
ZDIN H



ZDIN S



ZDIN M



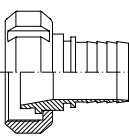
JDINS



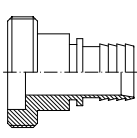
JDINP

- Macon Unions / Racores Macon / Verschraubungen Macon / Raccords Macon

| 195



ZRA300



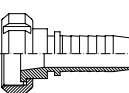
ZRA312



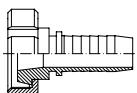
ZMAC H

- Food industry fittings for PTFE hose STD Series / Racores alimentarios para manguera PTFE Serie STD / Lebensmittelarmaturen für PTFE Serie STD / Raccords alimentaires pour tuyau PTFE Série STD

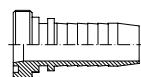
| 196



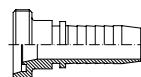
ZRA250



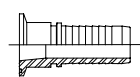
ZRA150



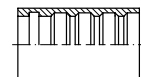
ZRA252



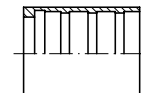
ZRA152



ZTCS



81040



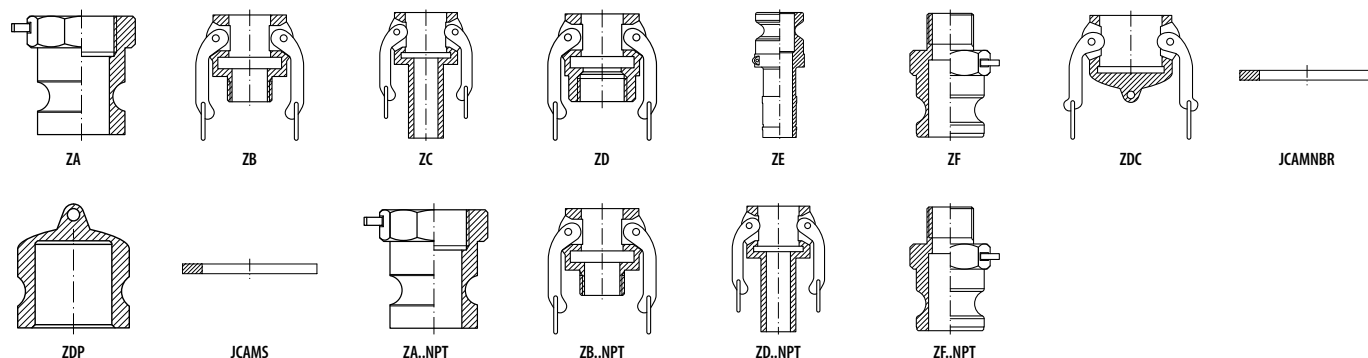
81041

DIN 2828 Camlock Fittings

Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

■ Camlock Unions AISI 316 / Racores Camlock AISI 316 / CAMLOCK AISI 316 / Raccords Camlock AISI 316

197



■ Autolock Unions AISI 316 / Racores Autolock AISI 316 / AUTOLOCK AISI 316 / Raccords Autolock AISI 316

200

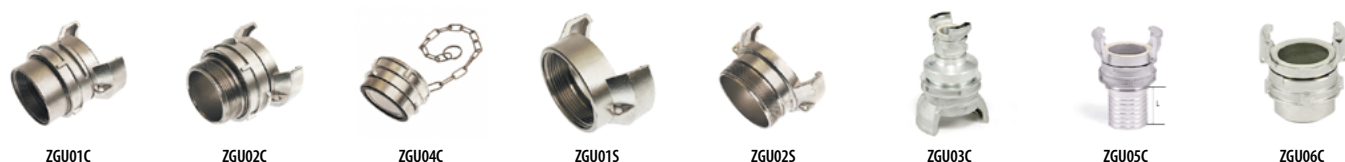


GUILLEMIN NF E-29572 Fittings

Acoples GUILLEMIN NF E-29572
Kupplungen GUILLEMIN NF E-29572
Raccords GUILLEMIN NF E-29572

■ GUILLEMIN Stainless Steel / GUILLEMIN inox / GUILLEMIN Edelstahl / GUILLEMIN acier inox

201



TW (Tankwagen) DIN 28450 Fittings

Acoples TW (Tankwagen) DIN 28450
Kupplungen TW (Tankwagen) DIN 28450
Raccords TW (Tankwagen) DIN 28450

■ TW Stainless Steel / TW (Tankwagen) inox / TW Edelstahl / TW acier inox

203



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

204



ZCA

- Stainless Steel clamp for industrial fitting / Abrazadera inox para racor industrial / Edelstahl-Schelle für Industriekupplung Collier pour raccord industriel acier inox/

204



ZAB01



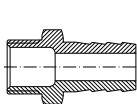
ZAB02

Screw low pressure fittings 150 LBS (Male BSPT / Female BSP)

Racores baja presión 150 LBS
Niederdruck-Armaturen 150 lbs (Aussengewinde BSPT / Muffe BSP)
Raccords basse pression 150 LBS (Mâle BSPT / Femelle BSP)

- Screwed fittings low pressure 150 LBS / 150 LBS Microfundido / Niederdruck-Armaturen 150 lbs / Adapteurs basse pression 150 LBS

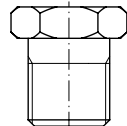
205



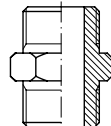
ZFIG399



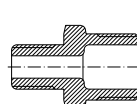
ZFIG150



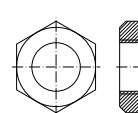
ZFIG290



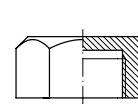
ZFIG280



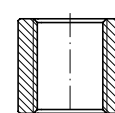
ZFIG245



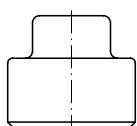
ZFIG312



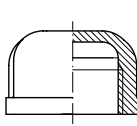
ZFIG300



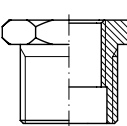
ZFIG270



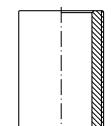
ZFIG291



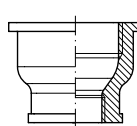
ZFIG301



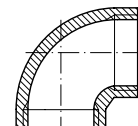
ZFIG241



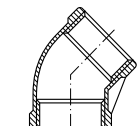
ZFIG531



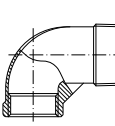
ZFIG240



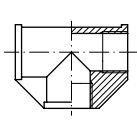
ZFIG090



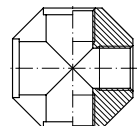
ZFIG120



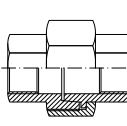
ZFIG092



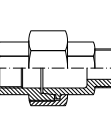
ZFIG130



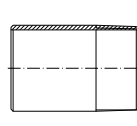
ZFIG180



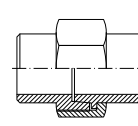
ZFIG340



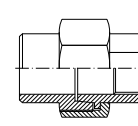
ZFIG341



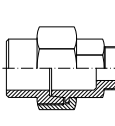
ZFIG149



ZFIG340...HS



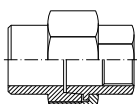
ZFIG340...S



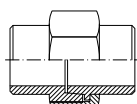
ZFIG341...MS

- Welding fittings low pressure 150 LBS / 150 LBS Soldables / Niederdruck-Schweißarmaturen 150 LBS / Raccords à souder basse pression 150 LBS

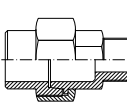
209



ZFIG340...HS



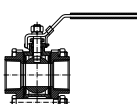
ZFIG340...S



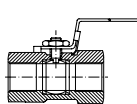
ZFIG341...MS

- 150 LBS fittings Valves / 150 LBS Válvulas / 150 LBS-Armaturen-Ventile / Raccords Vannes 150 LBS

209



BP2V3P



BP2V

Food industry fittings

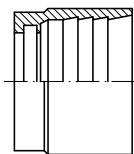
Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Food industry hoses ferrules

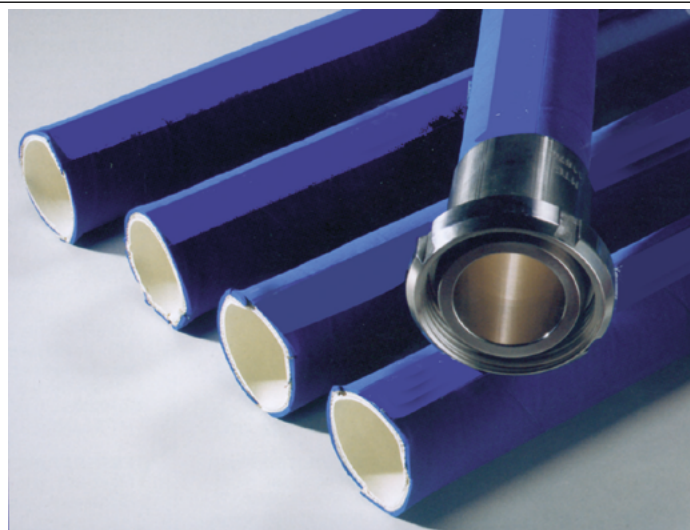
Casquillos para mangueras alimentarias

Pressfassungen für Lebensmittelschläuche

Jupes à sertir tuyaux alimentaires



DN	Ø HOSE Ø MANGUERA	Part n° Referencia	€
13-1/2"	23	810421324	15,34
19-3/4"	32	810421933	18,76
25-1"	39	810422540	19,55
32-1 1/4"	48	810423248	34,65
38-1 1/2"	52	810423852	44,19
38-1 1/2"	56	810423857	53,59
40-1 1/2"	54	810424055	47,87
40-1 1/2"	60	810424061	78,65
50-2"	63	810425064	59,35
50-2"	68	810425069	70,27
50-2"	73	810425073	77,40
65-2 1/2"	79	810426580	81,58
65-2 1/2"	93	810426593	151,16
70-3"	89	810427090	177,02
75-3"	94	810427595	133,04
75-3"	106	8104275107	185,95
100-4"	122	81042100123	201,27
100-4"	134	81042100135	334,73



MANGUERAS ALIMENTARIAS | FOOD INDUSTRY HOSES



INDUG TrΔle® 25X37 DRINKS (máx.40%) EPDM S&D

INDUG TrΔle® 25X38 MILK & DAIRY NR S&D FDA

INDUG TrΔle® FOOD S&D HOSE FDA WP 10 bar

Mangueras aptas para productos alimentarios de aspiración e impulsión:
Leche, vino, aceites, alimentos grasos, bebidas alcohol (máx. 40%), etc.

Professional hoses application in the food industry for suction and discharge:
Milk, wine, oils, fatty foods, alcohol drinks (max 40%), etc.

Consulta en nuestra ficha técnica datos y marcajes. | Check our technical sheet for data and markings options.
Ver precios en Catálogo Conducciones. | See prices in Connectors Catalogue.

Food industry fittings

Racores industria alimentaria

Kupplungen für Lebensmittelindustrie

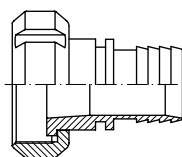
Raccords alimentaires

Swivel female SMS

Hembras giratorias SMS

Dichtkopf mit Ü-Mutter SMS

Raccord femelle tournante SMS



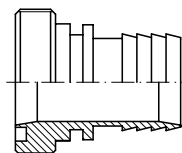
DN	THREAD ROSCA	Part n° Referencia	€
25	40x1/6	ZRA2004025	37,73
32	48x1/6	ZRA2004832	55,73
38	60x1/6	ZRA2006038	67,20
40	60x1/6	ZRA2006040	71,73
50	70x1/6	ZRA2007050	95,18
63	85x1/6"	ZRA2008563	161,78
65	85x1/6	ZRA2008565	150,40
70	98x1/6	ZRA2009870	262,51
75	98x1/6	ZRA2009875	222,28
80	98x1/6	ZRA2009880	288,58
100	125x1/4	ZRA200125100	381,37
100	132x1/6	ZRA200132100	430,83

Fixed male SMS

Machos fijos SMS

Außengewinde SMS

Raccord mâle SMS



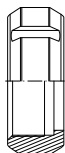
DN	THREAD ROSCA	Part n° Referencia	€
25	40x1/6	ZRA2124025	43,07
32	48x1/6	ZRA2124832	61,23
38	60x1/6	ZRA2126038	74,47
40	60x1/6	ZRA2126040	73,35
50	70x1/6	ZRA2127050	102,48
63	85x1/6	ZRA2128563	140,68
65	85x1/6	ZRA2128565	140,68
70	98x1/6	ZRA2129870	305,85
75	98x1/6	ZRA2129875	311,97
80	98x1/6	ZRA2129880	305,94
100	125x1/4	ZRA212125100	408,87
100	132x1/6	ZRA212132100	418,88

Nuts SMS

Tuercas SMS

Muttern SMS

Écrou SMS



DN	THREAD ROSCA	Part n° Referencia	€
25	40x1/6	ZSMS H 25	11,03
32	48x1/6	ZSMS H 32	15,13
38	60x1/6	ZSMS H 38	20,56
51	70x1/6	ZSMS H 51	22,95
63	85x1/6	ZSMS H 63	28,02
76	98x1/6	ZSMS H 76	42,83
104	125x1/4	ZSMS H 104	52,98
104	132x1/6	ZSMS H 105	80,15

Liner to weld SMS

Conos soldables SMS

Schweißkegel SMS

Douilles à souder SMS



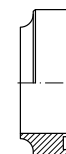
DN	Part n° Referencia	€
25	ZSMS S 25	3,72
32	ZSMS S 32	7,13
38	ZSMS S 38	6,65
51	ZSMS S 51	8,30
63	ZSMS S 63	11,44
76	ZSMS S 76	16,02
104	ZSMS S 104	20,52

Weld male SMS

Machos soldables SMS

Schweiß-Außengewinde SMS

Nez à souder SMS



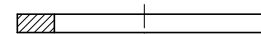
DN	THREAD ROSCA	Part n° Referencia	€
25	40x1/6	ZSMS M 25	6,36
32	48x1/6	ZSMS M 32	12,08
38	60x1/6	ZSMS M 38	14,80
51	70x1/6	ZSMS M 51	17,38
63	85x1/6	ZSMS M 63	26,03
76	98x1/6	ZSMS M 76	31,46
104	125x1/4	ZSMS M 104	40,56

Silicone joint for SMS

Junta SMS silicona

Silikon-Dichtring SMS

Joint silicone pour SMS



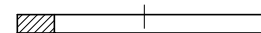
DN	Part n° Referencia	€
25	JSMSS 25	2,24
32	JSMSS 32	2,77
38	JSMSS 38	3,15
50/51	JSMSS 51	3,46
63/65	JSMSS 63	4,62
75/76	JSMSS 76	5,11
100/104	JSMSS 104	5,92

PTFE Joint for SMS

Juntas SMS PTFE

PTFE-Dichtringe SMS

Joint PTFE pour SMS



DN	Part n° Referencia	€
25	JSMSP 25	5,54
32	JSMSP 32	6,70
38	JSMSP 38	8,54
51	JSMSP 51	9,45
63	JSMSP 63	13,23
76	JSMSP 76	17,01

Food industry fittings

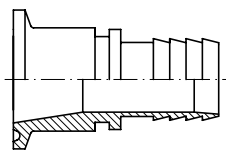
Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Tri-Clamp ISO 2852

Tri-Clamp ISO 2852

Spannringskupplung TRI-CLAMP ISO 2852

Raccord Tri-Clamp ISO 2852



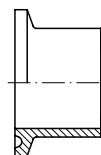
DN	Ø	Part n° Referencia	€
12	25	ZTC2512	23,13
12	34	ZTC3412	35,25
19	34	ZTC3419	29,99
19	50	ZTC5019	39,99
25	50	ZTC5025	37,55
32	50	ZTC5032	40,65
38	50	ZTC5038	47,06
40	50	ZTC5040	51,34
38	64	ZTC6438	80,10
40	64	ZTC6440	63,41
50	64	ZTC6450	74,54
50	77	ZTC7750	110,65
65	91	ZTC9165	168,30

Welding Tri-Clamp for pipe

Tri-Clamp para soldar en tubo

TRI-CLAMP zum Rohr-Schweißen

Raccord Tri-Clamp à souder pour tube



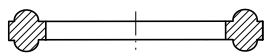
DN	Ø	Part n° Referencia	€
12	25	ZC25-12	6,73
12	34	ZC34-12	8,27
18	34	ZC34-18	7,78
18	50.5	ZC50-18	8,34
25	50.5	ZC50-25	7,63
33.7	50.5	ZC50-33.7	9,50
38	50.5	ZC50-38	9,11
38	64	ZC64-38	14,02
51	64	ZC64-51	11,91
65	91	ZC91-65	15,56

Joint for silicone clamp

Juntas para Clamp Silicona

Dichtring für Schelle Silikon

Joint pour clamp silicone



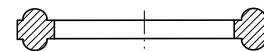
Ø	Part n° Referencia	€
25	JCLAMPS 25	4,05
34	JCLAMPS 34	4,05
50	JCLAMPS 50	4,10
64	JCLAMPS 64	5,55
77	JCLAMPS 77	7,66
91	JCLAMPS 91	10,78

Joint for PTFE clamp

Juntas para Clamp PTFE

Dichtring für Schelle PTFE

Joint pour clamp PTFE



Ø	Part n° Referencia	€
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	Part n° Referencia	€
25	ZAC1P25	14,27
34	ZAC1P34	14,27
50	ZAC1P50	16,89
64	ZAC1P64	20,34
77	ZAC1P77	24,38
91	ZAC1P91	27,10

Tri-Clamp cover

Tri-Clamp Tapa

TRI-CLAMP deckel

Tri-Clamp Couvercle



Ø	Part n° Referencia	€
25	ZPC25	4,39
34	ZPC34	4,96
50.5	ZPC50	6,42
64	ZPC64	8,26
77.5	ZPC77	10,99
91	ZPC91	13,22

Food industry fittings

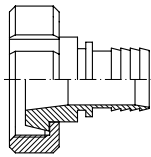
Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Swivel female DIN 11851

Hembras giratorias DIN 11851

Dichtkopf mit Ü-Mutter DIN 11851

Raccord femelle tournante DIN 11851



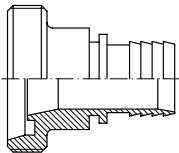
DN	THREAD ROSCA	Part n° Referencia	€
20	44x1/6	ZRA1004420	43,13
25	52x1/6	ZRA1005225	46,60
32	58x1/6	ZRA1005832	56,88
38	65x1/6	ZRA1006538	65,48
40	65x1/6	ZRA1006540	70,68
50	78x1/6	ZRA1007850	99,18
63	95x1/6	ZRA1009563	175,41
65	95x1/6	ZRA1009565	162,61
75	110x1/4	ZRA10011075	254,77
80	110x1/4	ZRA10011080	277,71
100	130x1/4	ZRA100130100	353,68

Fixed male DIN 11851

Machos fijos DIN 11851

Außengewinde DIN 11851 fest

Raccord mâle DIN 11851



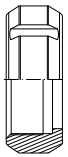
DN	THREAD ROSCA	Part n° Referencia	€
25	52x1/6	ZRA1125225	70,16
32	58x1/6	ZRA1125832	83,14
38	65x1/6	ZRA1126538	114,05
40	65x1/6	ZRA1126540	112,63
50	78x1/6	ZRA1127850	115,67
63	95x1/6	ZRA1129563	189,58
65	95x1/6	ZRA1129565	197,99
75	110x1/4	ZRA11211075	278,21
80	110x1/4	ZRA11211080	280,38
100	130x1/4	ZRA112130100	520,15

Nuts DIN 11851

Tuercas DIN 11851

Muttern DIN 11851

Écrous DIN 11851



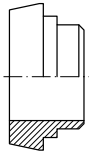
DN	THREAD ROSCA	Part n° Referencia	€
16	34x1/8	ZDIN H 16	8,58
20	44x1/6	ZDIN H 20	11,68
25	52x1/6	ZDIN H 25	14,08
32	58x1/6	ZDIN H 32	16,23
40	65x1/6	ZDIN H 40	18,80
50	78x1/6	ZDIN H 50	23,75
65	95x1/6	ZDIN H 65	39,38
80	110x1/4	ZDIN H 80	53,41
100	130x1/4	ZDIN H 100	73,79

Liner to weld DIN 11851

Conos soldables DIN 11851

Schweißkegel DIN 11851

Douilles à souder DIN 11851



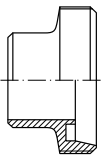
DN	Part n° Referencia	€
16	ZDIN S 16	3,21
20	ZDIN S 20	4,68
25	ZDIN S 25	6,86
32	ZDIN S 32	8,73
40	ZDIN S 40	10,05
50	ZDIN S 50	18,34
65	ZDIN S 65	22,66
75/80	ZDIN S 80	30,82
100	ZDIN S 100	49,26

Weld male DIN 11851

Machos soldables DIN 11851

Schweiß-Außengewinde DIN 11851

Nez à souder DIN 11851



DN	THREAD ROSCA	Part n° Referencia	€
16	34x1/8	ZDIN M 16	5,15
20	44x1/6	ZDIN M 20	9,94
25	52x1/6	ZDIN M 25	9,94
32	58x1/6	ZDIN M 32	13,17
40	65x1/6	ZDIN M 40	16,47
50	78x1/6	ZDIN M 50	24,20
65	95x1/6	ZDIN M 65	33,25
75/80	110x1/4	ZDIN M 80	49,48
100	130x1/4	ZDIN M 100	65,06

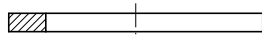
Food industry fittings

Racores industria alimentaria
Kupplungen für Lebensmittelindustrie
Raccords alimentaires

Silicone joint for DIN 11851

Juntas DIN 11851 silicona

Silikon-Dichtring DIN 11851



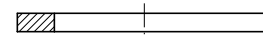
Joint silicone pour DIN 11851

DN	Part n° Referencia	€
20	JDINS 20	1,23
25	JDINS 25	1,92
32	JDINS 32	2,24
38/40	JDINS 40	2,38
50	JDINS 50	3,08
65	JDINS 65	4,00
80	JDINS 80	5,16
100	JDINS 100	6,59

PTFE Joint for DIN 11851

Juntas DIN 11851 PTFE

PTFE-Dichtring DIN 11851



Joint PTFE pour DIN 11851

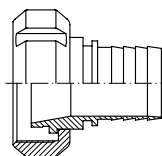
DN	Part n° Referencia	€
20	JDINP 20	8,54
25	JDINP 25	9,16
32	JDINP 32	9,62
40	JDINP 40	10,46
50	JDINP 50	11,78
65	JDINP 65	13,01
80	JDINP 80	13,91
80	JDINP 100	48,50

Swivel female Macon

Hembras giratorias Macon

Dichtkopf mit Ü-Mutter MACON

Raccord femelle tournante Macon



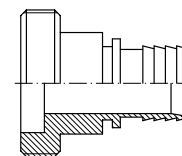
DN	THREAD ROSCA	Part n° Referencia	€
38	55X3	ZRA3005538	*
40	55X3	ZRA3005540	*
50	67X3	ZRA3006750	*
65	79X3.5	ZRA3007965	*
65	90X3.5	ZRA3009065	*
70	90X3.5	ZRA3009070	*
80	90X3.5	ZRA3009080	*
80	102x4	ZRA30010280	*
100	125X4	ZRA300125100	*

Male fixe Macon

Machos fijos Macon

Außengewinde MACON

Raccord mâle fixe Macon



DN	THREAD ROSCA	Part n° Referencia	€
38	55X3	ZRA3125538	*
40	55X3	ZRA3125540	*
50	67X3	ZRA3126750	*
65	79X3.5	ZRA3127965	*
65	90X3.5	ZRA3129065	*
70	90X3.5	ZRA3129070	*
75	90X3.5	ZRA3129080	*
80	102X4	ZRA31210280	*
100	125X4	ZRA312125100	*

Macon nuts

Tuercas Macon

Muttern MACON (AISI 316)

Écrous à crans Macon



DN	THREAD ROSCA	Part n° Referencia	€
40	55X3	ZMAC H 40	19,25
50	67X3	ZMAC H 50	22,24
60	79X3.5	ZMAC H 60	31,99
70	90X3.5	ZMAC H 70	36,21
80	102X4	ZMAC H 80	40,01
100	125X4	ZMAC H 100	47,16

Food industry fittings for PTFE hose

Racores industria alimentaria para tubo PTFE

PTFE-Lebensmittellarmaturen

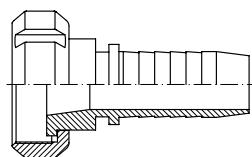
Raccords alimentaires pour PTFE

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



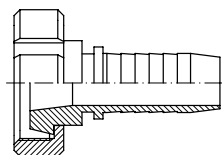
DN	THREAD ROSCA	Part n° Referencia	€
1"	40x1/6"	ZRA2504016	59,19
1" 1/4	48x1/6"	ZRA2504820	64,47
1" 1/2	60x1/6"	ZRA2506024	94,09
2"	70x1/6"	ZRA2507032	120,96
2" 1/2	85x1/6"	ZRA2508540	183,61

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



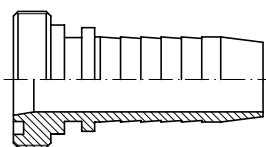
DN	THREAD ROSCA	Part n° Referencia	€
1"	52x1/6"	ZRA1505216	78,25
1" 1/4	58x1/6"	ZRA1505820	90,21
1" 1/2	65x1/6"	ZRA1506524	88,09
2"	78x1/6"	ZRA1507832	128,34
2" 1/2	95x1/6"	ZRA1509540	203,30

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



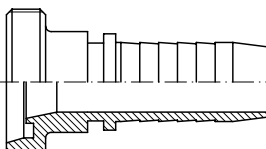
DN	THREAD ROSCA	Part n° Referencia	€
1"	40x1/6"	ZRA2524016	51,42
1" 1/4	48x1/6"	ZRA2524820	67,35
1" 1/2	60x1/6"	ZRA2526024	84,60
2"	70x1/6"	ZRA2527032	126,13
2" 1/2	85x1/6"	ZRA2528540	175,37

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



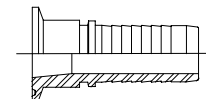
DN	THREAD ROSCA	Part n° Referencia	€
1"	52x1/6"	ZRA1525216	82,73
1" 1/4	58x1/6"	ZRA1525820	87,93
1" 1/2	65x1/6"	ZRA1526524	107,59
2"	78x1/6"	ZRA1527832	161,79
2" 1/2	95x1/6"	ZRA1529540	261,04

Tri-Clamp Fittings

Racores Tri-Clamp

Dichtkopf TRI-CLAMP

Raccords Tri-Clamp

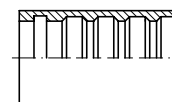


DN	Ø	Part n° Referencia	€
3/8"	34	ZTCS3406	41,47
3/4"	50	ZTCS5012	47,91
1"	50	ZTCS5016	50,56
1" 1/4	50	ZTCS5020	61,37
1" 1/2	64	ZTCS6424	91,19
2"	64	ZTCS6432	109,18
2"	77	ZTCS7732	135,20

Ferrules for smooth PTFE

Casquillos PTFE liso

Pressfassungen für PTFE-Glattschläuche



Jupes PTFE lisse

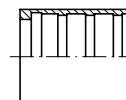
DN	Part n° Referencia	€
1/8"	810400100	*
3/16"	810400300	*
1/4"	810400400	*
5/16"	810400500	*
3/8"	810400600	*
1/2"	810400800	*
5/8"	810401000	*
3/4"	810401200	*
1"	810401600	*

*See prices p.22 / *Ver precios en p.22 / *Vgl. Sie die Preise auf S. 22 / *Voir prix p.22

Ferrules for convoluted PTFE

Casquillos PTFE corrugado

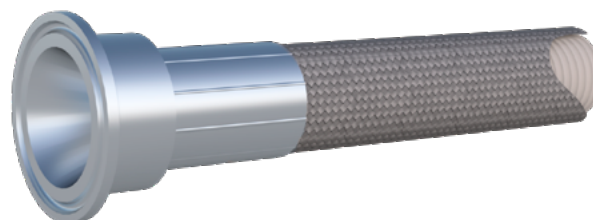
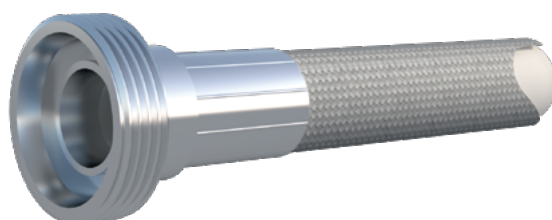
Pressfassungen für PTFE-Wellschläuche mit Umfl.



Jupes PTFE convoluté

DN	Part n° Referencia	€
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	*

*See prices p. 22 / *Ver precios en p.22 / *Vgl. Sie die Preise auf S. 22 / *Voir prix p. 22



DIN 2828 Camlock Fittings

Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

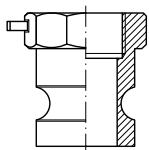
TriLe LOK

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



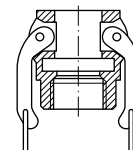
DN	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZA012	6,28
20	1/2"	ZA015	6,28
20	3/4"	ZA020	8,61
25	1"	ZA025	11,34
32	1"1/4	ZA032	15,88
40	1"1/2	ZA040	21,65
50	2"	ZA050	25,79
65	2"1/2	ZA065	41,04
80	3"	ZA080	52,25
100	4"	ZA100	72,62

Female Camlock coupling, female BSP threaded Type D

Camlock hembra - rosca hembra BSP Tipo D

Kupplung BSP TYP D

Adapteur Camlock femelle BSP Type D



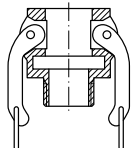
DN	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZD012	12,71
20	1/2"	ZD015	14,29
20	3/4"	ZD020	14,37
25	1"	ZD025	19,76
32	1"1/4	ZD032	30,06
40	1"1/2	ZD040	29,61
50	2"	ZD050	41,36
65	2"1/2	ZD065	51,66
80	3"	ZD080	66,96
100	4"	ZD100	105,75

Female Camlock coupling, female BSPT threaded Type B

Camlock hembra - rosca macho BSPT Tipo B

Kupplung BSPT TYP B

Adapteur Camlock femelle - filetage mâle BSPT Type B



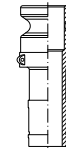
DN	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZB012	14,74
20	1/2"	ZB015	13,68
20	3/4"	ZB020	14,52
25	1"	ZB025	19,50
32	1"1/4	ZB032	28,14
40	1"1/2	ZB040	29,25
50	2"	ZB050	39,51
65	2"1/2	ZB065	52,16
80	3"	ZB080	73,67
100	4"	ZB100	103,89

Male Camlock coupling, with serrated hose shank Type E

Camlock macho - para manguera Tipo E

Schlauch-Kupplung TYP E

Coupleur Camlock mâle Type E



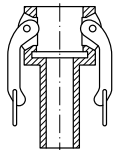
DN	Part nº Referencia	€
1/2"	12 ZE012	6,46
1/2"	20 ZE015	6,72
3/4"	20 ZE020	8,81
1"	25 ZE025	13,20
1"1/4	32 ZE032	17,73
1"1/2	40 ZE040	25,14
2"	50 ZE050	32,37
2"1/2	65 ZE065	44,82
3"	80 ZE080	81,47
4"	100 ZE100	105,86

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



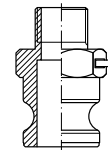
DN	Part nº Referencia	€
1/2"	12 ZC012	12,14
1/2"	20 ZC015	13,98
3/4"	20 ZC020	15,17
1"	25 ZC025	19,76
1"1/4	32 ZC032	27,25
1"1/2	40 ZC040	30,11
2"	50 ZC050	38,23
2"1/2	65 ZC065	55,13
3"	80 ZC080	88,67
4"	100 ZC100	113,33

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	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZF012	7,39
20	1/2"	ZF015	7,69
20	3/4"	ZF020	9,09
25	1"	ZF025	12,69
32	1"1/4	ZF032	17,15
40	1"1/2	ZF040	26,54
50	2"	ZF050	30,86
65	2"1/2	ZF065	49,48
80	3"	ZF080	61,81
100	4"	ZF100	97,70

DIN 2828 Camlock Fittings

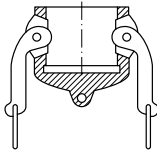
Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

Female Camlock Coupling-Dust caps Type DC

Camlock hembra - tapón Tipo DC

Verschluss TYP DC

Bouchon Camlock femelle Type DC

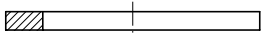


DN	Part nº Referencia	€
12	ZDC012	12,32
20	ZDC020	14,90
25	ZDC025	18,42
32	ZDC032	27,26
40	ZDC040	27,14
50	ZDC050	35,11
65	ZDC065	44,72
80	ZDC080	60,11
100	ZDC100	84,67

Camlock NBR Seal

Junta Camlock NBR

NBR-Dichtringe für CAMLOCK



Joint Camlock NBR

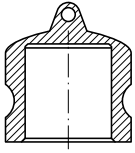
DN	Part nº Referencia	€
12	JCAMNBR012	0,85
20	JCAMNBR020	0,85
25	JCAMNBR025	1,48
32	JCAMNBR032	1,77
40	JCAMNBR040	1,91
50	JCAMNBR050	3,07
65	JCAMNBR065	3,97
80	JCAMNBR080	3,50
100	JCAMNBR100	4,30

Male Camlock coupling-Dust plugs Type DP

Camlock macho - tapón tipo DP

Verschluss TYP DP

Bouchon Camlock mâle Type DP

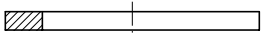


DN	Part nº Referencia	€
12	ZDP012	5,76
20	ZDP020	7,04
25	ZDP025	9,39
32	ZDP032	13,98
40	ZDP040	15,73
50	ZDP050	22,50
65	ZDP065	38,41
80	ZDP080	46,04
100	ZDP100	73,51

Camlock silicone seal

Junta Camlock silicona

Silikon-Dichtring CAMLOCK



Joint Camlock silicone

DN	Part nº Referencia	€
12	JCAMS012	2,27
20	JCAMS020	2,27
25	JCAMS025	2,67
32	JCAMS032	4,28
40	JCAMS040	5,74
50	JCAMS050	6,47
65	JCAMS065	7,49
80	JCAMS080	11,18
100	JCAMS100	14,97

DIN 2828 Camlock Fittings

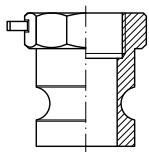
Serie Camlock DIN 2828
CAMLOCK AISI 316 - DIN 2828
Raccords Camlock DIN 2828

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



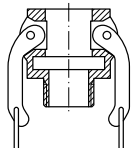
DN	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZA012NPT	6,28
20	3/4"	ZA020NPT	8,61
25	1"	ZA025NPT	11,79
32	1" 1/4	ZA032NPT	15,88
40	1" 1/2	ZA040NPT	21,65
50	2"	ZA050NPT	25,79
65	2" 1/2	ZA065NPT	41,04
80	3"	ZA080NPT	52,25
100	4"	ZA100NPT	75,52

Female CamlockCoupling, female NPT threaded Type B

Camlock hembra - rosca macho NPT Tipo B

Kupplung NPT Typ B

Adapteur Camlock femelle - filetage mâle NPT Type B



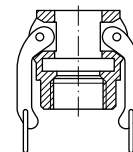
DN	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZB012NPT	14,45
20	3/4"	ZB020NPT	14,52
25	1"	ZB025NPT	19,50
32	1" 1/4	ZB032NPT	27,59
40	1" 1/2	ZB040NPT	29,25
50	2"	ZB050NPT	39,51
65	2" 1/2	ZB065NPT	51,14
80	3"	ZB080NPT	72,23
100	4"	ZB100NPT	101,85

Female Camlock Coupling, female NPT threaded Tipe D

Camlock hembra - rosca hembra NPT Tipo D

Kupplung NPT Typ D

Adapteur Camlock femelle NPT Type D



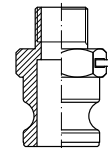
DN	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZD012NPT	12,71
20	3/4"	ZD020NPT	14,37
25	1"	ZD025NPT	19,76
32	1" 1/4	ZD032NPT	30,06
40	1" 1/2	ZD040NPT	30,20
50	2"	ZD050NPT	42,19
65	2" 1/2	ZD065NPT	51,66
80	3"	ZD080NPT	66,96
100	4"	ZD100NPT	105,75

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	THREAD ROSCA	Part nº Referencia	€
12	1/2"	ZF012NPT	7,39
20	3/4"	ZF020NPT	9,09
25	1"	ZF025NPT	12,69
32	1" 1/4	ZF032NPT	17,15
40	1" 1/2	ZF040NPT	26,54
50	2"	ZF050NPT	30,86
65	2" 1/2	ZF065NPT	48,51
80	3"	ZF080NPT	61,81
100	4"	ZF100NPT	97,70

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	THREAD ROSCA	Part n° Referencia	€
12	1/2"	ZB012S	23,96
20	3/4"	ZB020S	22,12
25	1"	ZB025S	30,80
32	1 1/4"	ZB032S	47,78
40	1 1/2"	ZB040S	56,85
50	2"	ZB050S	68,23
65	2 1/2"	ZB065S	90,15
80	3"	ZB080S	124,47
100	4"	ZB100S	164,85

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	THREAD ROSCA	Part n° Referencia	€
12	1/2"	ZC012S	26,19
20	3/4"	ZC020S	27,64
25	1"	ZC025S	35,18
32	1 1/4"	ZC032S	51,04
40	1 1/2"	ZC040S	59,38
50	2"	ZC050S	74,84
65	2 1/2"	ZC065S	104,63
80	3"	ZC080S	137,77
100	4"	ZC100S	194,09

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	THREAD ROSCA	Part n° Referencia	€
12	1/2"	ZD012S	23,96
20	3/4"	ZD020S	21,94
25	1"	ZD025S	32,21
32	1 1/4"	ZD032S	49,52
40	1 1/2"	ZD040S	58,47
50	2"	ZD050S	69,62
65	2 1/2"	ZD065S	93,05
80	3"	ZD080S	124,56
100	4"	ZD100S	178,46

Autolock, female, DC type dust cap

Autolock hembra - tapón Tipo DC

Autolock Sicherheit TYP DC

Autolock femelle - bouchon Type DC



DN	Part n° Referencia	€
12	ZDC012S	21,14
20	ZDC020S	23,42
25	ZDC025S	27,87
32	ZDC032S	43,71
40	ZDC040S	48,50
50	ZDC050S	61,80
65	ZDC065S	78,12
80	ZDC080S	102,18
100	ZDC100S	137,18

AUTOLOCK



Camlock con cierre de seguridad, multiples aplicaciones como agua, petróleo y productos químicos

Camlock with security lock, for multiple applications such as 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

Innengewinde BSP mit Verschluss

GUILLEMIN Inox avec fermeture-Filetage Femelle BSP



DN	THREAD ROSCA	Part n° Referencia	€
20	3/4"	ZGU01C020	24,16
25	1"	ZGU01C025	32,84
32	1" 1/4	ZGU01C032	39,26
40	1" 1/2	ZGU01C040	62,69
50	2"	ZGU01C050	62,21
65	2" 1/2	ZGU01C065	87,59
80	3"	ZGU01C080	124,87
100	4"	ZGU01C100	212,00

GUILLEMIN S.S. with closure-BSP Male thread

GUILLEMIN con cierre-rosca macho BSP

Außengewinde BSP mit Verschluss

GUILLEMIN Inox avec fermeture-Filetage Mâle BSP



DN	THREAD ROSCA	Part n° Referencia	€
20	3/4"	ZGU02C020	18,12
25	1"	ZGU02C025	21,14
32	1" 1/4	ZGU02C032	27,19
40	1" 1/2	ZGU02C040	35,65
50	2"	ZGU02C050	63,10
65	2" 1/2	ZGU02C065	84,99
80	3"	ZGU02C080	125,22
100	4"	ZGU02C100	160,07

GUILLEMIN S.S. with closure-Plug

GUILLEMIN con cierre-tapón

Verschlussstopfen mit Verschluss

GUILLEMIN Inox avec fermeture-Bouchon



DN	Part n° Referencia	€
20	ZGU04C020	18,12
25	ZGU04C025	18,12
32	ZGU04C032	24,78
40	ZGU04C040	32,35
50	ZGU04C050	45,30
65	ZGU04C065	60,40
80	ZGU04C080	84,22
100	ZGU04C100	150,51

GUILLEMIN S.S. without closure-BSP Female thread

GUILLEMIN sin cierre-rosca hembra BSP

Innengewinde BSP ohne Verschluss

GUILLEMIN Inox sans fermeture-Filetage Femelle BSP



DN	THREAD ROSCA	Part n° Referencia	€
20	3/4"	ZGU01S020	15,10
25	1"	ZGU01S025	14,52
32	1" 1/4	ZGU01S032	20,57
40	1" 1/2	ZGU01S040	29,04
50	2"	ZGU01S050	33,22
65	2" 1/2	ZGU01S065	45,30
80	3"	ZGU01S080	74,05
100	4"	ZGU01S100	87,59

GUILLEMIN S.S. without closure-BSP Male thread

GUILLEMIN sin cierre-rosca macho BSP

Außengewinde BSP ohne Verschluss

GUILLEMIN Inox sans fermeture-Filetage Mâle BSP



DN	THREAD ROSCA	Part n° Referencia	€
20	3/4"	ZGU02S020	14,52
25	1"	ZGU02S025	18,12
32	1" 1/4	ZGU02S032	22,55
40	1" 1/2	ZGU02S040	21,38
50	2"	ZGU02S050	38,07
65	2" 1/2	ZGU02S065	46,46
80	3"	ZGU02S080	75,50
100	4"	ZGU02S100	99,66

GUILLEMIN S.S. with closure-Reducer

GUILLEMIN con cierre-reductor

Reduzierstück mit Verschluss

GUILLEMIN Inox avec fermeture-Réduction



DN	Part n° Referencia	€
40-32	ZGU03C040032	116,16
50-40	ZGU03C050040	116,16
65-50	ZGU03C065050	154,03
80-65	ZGU03C080065	232,55
100-80	ZGU03C100080	302,02

GUILLEMIN S.S. with closure-For hose

GUILLEMIN con cierre-para manguera

Für Schlauch mit Verschluss

GUILLEMIN Inox avec fermeture-Pour tuyau



DN	L (mm)	SIZE TAMAÑO	Part n° Referencia	€
40	37	40	ZGU05C040040	36,17
45	37	40	ZGU05C040045	37,75
50	48	50	ZGU05C050050	68,13
50	45,5	50	ZGU05C050055	66,79
65	50	65	ZGU05C065065	91,41
80	70	80	ZGU05C080080	147,61

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-Welding

GUILLEMIN con cierre-soldable

Schweißarmaturen mit Verschluss

GUILLEMIN Inox avec fermeture-À souder



DN	Part nº Referencia	€
40	ZGU06C040040	39,26
50	ZGU06C050050	64,33
65	ZGU06C065065	87,59
80	ZGU06C080080	132,89

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	Part n° Referencia	€
2"	ZMK05032	65,72
3"	ZMK08048	123,87
4"	ZMK10064	235,88

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	Part n° Referencia	€
2"	70.5	ZVK05032	29,00
3"	102	ZVK08048	64,04
4"	128	ZVK10064	92,30

TW Plug - female coupling

TW tapón - acople hembra

TW Verschlusskupplung w

TW Bouchon - accouplement Femelle



DN	Part n° Referencia	€
2"	ZMB050	28,85
3"	ZMB080	58,54
4"	ZMB100	97,39

TW Plug - male coupling

TW tapón - acople macho

TW Verschlusskupplung m

TW Bouchon - accouplement Mâle



DN	Ø	Part n° Referencia	€
2"	70.5	ZVB050	24,73
3"	102	ZVB080	47,41
4"	128	ZVB100	76,38

TW Female coupling

TW acople hembra

TW Schweißarmaturen - Innengewinde-
Kupplung

TW Accouplement Femelle



DN	Part n° Referencia	€
2"	ZMKS050050	81,72
3"	ZMKS080080	173,18

TW Male coupling

TW acople macho

TW Schweißarmaturen - Außengewinde-
Kupplung

TW Accouplement Mâle



DN	Part n° Referencia	€
2"	ZVKS050050	52,43
3"	ZVKS080080	122,87

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 45° closure

Campana inox para racor industrial - cierre 45°

Edelstahl-Hülse 45° Verschluss

Jupe pour raccord industriel acier inox -fermeture 45°



DN	Ø INNER Ø INT.	Part nº Referencia	€
25	42	ZCA025	6,17
32	50	ZCA032	8,09
40	58	ZCA040	9,18
50	67	ZCA050	14,17
50	71	ZCA05001	29,46
65	83	ZCA065	27,24
80	98	ZCA080	32,71
100	120	ZCA100	61,68

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 HOSE Ø MANGUERA	Ø INNER Ø INT.	Part nº Referencia	€
12	21-25	ZAB01021025	16,24
19	29-33	ZAB01029033	20,38
25	35-39	ZAB01035039	21,69
25	36-39	ZAB01036039	21,69
32	42-46	ZAB01042046	22,34
38	47-51	ZAB01047051	24,24
38	49-53	ZAB01049053	23,76
38	52-56	ZAB01052056	26,03
38	58-62	ZAB01058062	23,76
50	60-64	ZAB01060064	38,51
50	63-67	ZAB01063067	37,75
50	68-72	ZAB01068072	44,70
63	74-77	ZAB01074077	52,59
63	77-81	ZAB01077081	66,45
75	87-90	ZAB01087090	72,88
75	89-94	ZAB01089094	79,25
75	94-98	ZAB01094098	81,30
100	114-119	ZAB01114119	168,84

Stainless steel high pressure clamp W4

Abrazadera alta presión W4 inox

Edelstahl-Hochdruck-Schelle W4 Stahl

Collier haute pression W4 acier inox.



Ø INNER Ø INT.	Part nº Referencia	€
17-19	ZAB02017019	3,81
20-22	ZAB02020022	3,87
23-25	ZAB02023025	3,93
26-28	ZAB02026028	3,98
29-31	ZAB02029031	4,84
32-35	ZAB02032035	4,95
36-39	ZAB02036039	5,01
40-43	ZAB02040043	5,08
44-47	ZAB02044047	5,55
48-51	ZAB02048051	5,68
52-55	ZAB02052055	5,86
56-59	ZAB02056059	5,98
60-63	ZAB02060063	6,10
64-67	ZAB02064067	6,22
68-73	ZAB02068073	8,04
74-79	ZAB02074079	8,28
80-85	ZAB02080085	8,46
86-91	ZAB02086091	8,69
92-97	ZAB02092097	8,88
98-103	ZAB02098103	9,25
104-112	ZAB02104112	9,42
113-121	ZAB02113121	9,66
122-130	ZAB02122130	9,85
131-139	ZAB02131139	13,17
140-148	ZAB02140148	13,41
149-161	ZAB02149161	13,59
162-174	ZAB02162174	13,89
175-187	ZAB02175187	14,56
188-200	ZAB02188200	14,92

Screw low pressure fittings 150 LBS (Male BSPT / Female BSP)

Racores baja presión 150 LBS

Niederdruck-Armaturen 150 lbs (Aussengewinde BSPT / Muffe BSP)

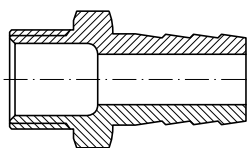
Raccords basse pression 150 LBS (Mâle BSPT / Femelle BSP)

Nipple fixed male fig.399

Macho fijo espiga FIG.399

Außengewinde Dichtkopf FIG.399 fest

Mâle fixe nipple fig. 399 inox



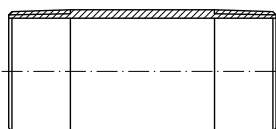
DN	THREAD ROSCA	Part nº Referencia	€
10	1/4"	ZFIG39904	2,59
12	3/8"	ZFIG39906	3,10
15	1/2"	ZFIG39908	3,71
20	3/4"	ZFIG39912	6,40
25	1"	ZFIG39916	9,03
32	1" 1/4	ZFIG39920	14,12
40	1" 1/2	ZFIG39924	16,84
52	2"	ZFIG39932	26,55

Union male-male fig.150

Unión macho-macho FIG. 150

Gerade Verschraubung Fig. 150

Union mâle-mâle fig.150 inox



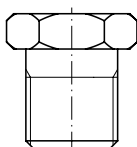
THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG15004	1,89
3/8"	ZFIG15006	2,17
1/2"	ZFIG15008	3,36
3/4"	ZFIG15012	4,42
1"	ZFIG15016	6,24
1" 1/4	ZFIG15020	9,67
1" 1/2	ZFIG15024	11,97
2"	ZFIG15032	18,01

Hexagon male plug FIG.290

Tapón macho hexagonal FIG.290

6 kt Stopfen Fig. 290

Bouchon mâle 150 LBS tête hexagonale FIG.290



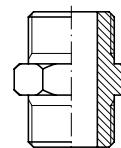
THREAD ROSCA	Part nº Referencia	€
1/8"	ZFIG29002	1,61
1/4"	ZFIG29004	1,68
3/8"	ZFIG29006	1,95
1/2"	ZFIG29008	2,63
3/4"	ZFIG29012	4,14
1"	ZFIG29016	5,53
1" 1/4	ZFIG29020	7,85
1" 1/2	ZFIG29024	10,16
2"	ZFIG29032	16,05
2" 1/2	ZFIG29040	25,50
3"	ZFIG29048	39,80
4"	ZFIG29060	60,89

Hexagon nipple FIG.280

Adaptador hexagonal FIG.280

6 kt Doppelnippel fig. 280

Mamelon hexagonal 150 LBS FIG.280



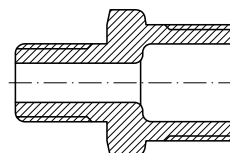
THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG28004	1,89
3/8"	ZFIG28006	2,36
1/2"	ZFIG28008	3,64
3/4"	ZFIG28012	5,12
1"	ZFIG28016	7,55
1" 1/4	ZFIG28020	9,56
1" 1/2	ZFIG28024	12,94
2"	ZFIG28032	22,10
2" 1/2	ZFIG28040	38,75
3"	ZFIG28048	49,79
4"	ZFIG28060	73,85

Reducer male-male fig. 245

Reducción macho-macho FIG.245

Reduziernippel FIG.245

Réduction mâle-mâle fig. 245 inox



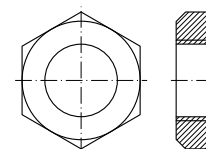
THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG2450402	1,82
3/8"	ZFIG2450604	2,31
1/2"	ZFIG2450804	3,30
1/2"	ZFIG2450806	2,83
3/4"	ZFIG2451206	3,99
3/4"	ZFIG2451208	4,45
1"	ZFIG2451608	6,66
1"	ZFIG2451612	6,02
1" 1/4	ZFIG2452012	7,78
1" 1/4	ZFIG2452016	9,60
1" 1/2	ZFIG2452416	11,14
1" 1/2	ZFIG2452420	11,14
2"	ZFIG2453220	15,13
2"	ZFIG2453224	17,23
2" 1/2	ZFIG2454032	29,78
3"	ZFIG2454840	49,19

Flat nut fig.312

Tuerca plana FIG.312

Flachmutter FIG. 312

Écrou plat fig.312 inox



THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG31204	1,54
3/8"	ZFIG31206	1,68
1/2"	ZFIG31208	1,75
3/4"	ZFIG31212	2,38
1"	ZFIG31216	3,02
1" 1/4	ZFIG31220	4,20
1" 1/2	ZFIG31224	5,61
2"	ZFIG31232	8,55

Screw low pressure fittings 150 LBS (Male BSPT / Female BSP)

Racores baja presión 150 LBS

Niederdruck-Armaturen 150 lbs (Aussengewinde BSPT / Muffe BSP)

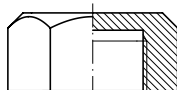
Raccords basse pression 150 LBS (Mâle BSPT / Femelle BSP)

Hexagon female cap. FIG.300

Tapón hembra hexagonal FIG.300

6 kt Verschluss m. rd. fig. 300

Bouchon femelle hexagonal 150 LBS FIG.300



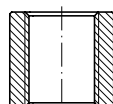
THREAD ROSCA	Part nº Referencia	€
1/8"	ZFIG30002	2,03
1/4"	ZFIG30004	2,17
3/8"	ZFIG30006	2,17
1/2"	ZFIG30008	3,43
3/4"	ZFIG30012	4,41
1"	ZFIG30016	6,02
1"1/4	ZFIG30020	8,90
1"1/2	ZFIG30024	11,23
2"	ZFIG30032	15,90
2"1/2	ZFIG30040	25,01
3"	ZFIG30048	36,58
4"	ZFIG30060	70,42

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



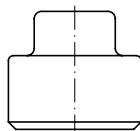
THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG27004	2,65
3/8"	ZFIG27006	2,69
1/2"	ZFIG27008	4,12
3/4"	ZFIG27012	5,05
1"	ZFIG27016	8,06
1"1/4	ZFIG27020	10,71
1"1/2	ZFIG27024	13,08
2"	ZFIG27032	19,15
2"1/2	ZFIG27040	34,12
3"	ZFIG27048	44,92
4"	ZFIG27060	75,68

Male square plug FIG.291

Tapón macho cuadrado FIG.291

4 kt Stopfen Fig.291

Bouchon mâle 150 LBS tête carrée FIG.291



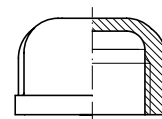
THREAD ROSCA	Part nº Referencia	€
1/8"	ZFIG29102	1,68
1/4"	ZFIG29104	1,75
3/8"	ZFIG29106	1,89
1/2"	ZFIG29108	2,17
3/4"	ZFIG29112	3,43
1"	ZFIG29116	4,63
1"1/4	ZFIG29120	6,33
1"1/2	ZFIG29124	8,20
2"	ZFIG29132	13,18
2"1/2	ZFIG29140	17,45
3"	ZFIG29148	26,82
4"	ZFIG29160	46,08

Round female cap. FIG.301

Tapón hembra redondo FIG.301

Verschluss Fig.301

Bouchon femelle ronde 150 LBS FIG.301



THREAD ROSCA	Part nº Referencia	€
1/8"	ZFIG30102	2,02
1/4"	ZFIG30104	2,02
3/8"	ZFIG30106	2,08
1/2"	ZFIG30108	3,29
3/4"	ZFIG30112	4,36
1"	ZFIG30116	5,92
1"1/4	ZFIG30120	9,75
1"1/2	ZFIG30124	10,49
2"	ZFIG30132	13,24
2"1/2	ZFIG30140	22,91
3"	ZFIG30148	32,27
4"	ZFIG30160	56,19

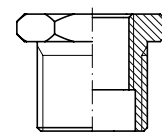
Until end of stock / Hasta fin de existencias / Bis zum Ende des Lagerbestandes / Jusqu'à la fin du stock

Male-female reducer FIG.241

Reductor macho-hembra FIG.241

Reduzierstück m-w Fig. 241

Réduction 150 LBS MG - FG FIG.241



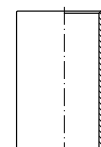
THREAD ROSCA		Part nº Referencia	€
1/8"	1/4"	ZFIG2410204	1,89
1/4"	3/8"	ZFIG2410406	1,95
1/4"	1/2"	ZFIG2410408	2,82
3/8"	1/2"	ZFIG2410608	2,56
1/2"	3/4"	ZFIG2410812	3,71
3/4"	1"	ZFIG2411216	5,59
1"	1"1/4	ZFIG2411620	8,68
1"	1" 1/2	ZFIG2411624	9,32
1"1/4	1"1/2	ZFIG2412024	9,14
1"1/2	2"	ZFIG2412432	16,22
2"	2"1/2	ZFIG2413240	30,02
2"1/2	3"	ZFIG2414048	37,32
3"	4"	ZFIG2414860	68,53

Threaded pipe fig. 531

Tubo roscado FIG.531

Drehstutzen FIG. 531

Tube fileté fig. 531 inox



THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG53104	2,49
3/8"	ZFIG53106	2,76
1/2"	ZFIG53108	3,22
3/4"	ZFIG53112	3,79
1"	ZFIG53116	5,19
1" 1/4	ZFIG53120	7,22
1" 1/2	ZFIG53124	8,34
2"	ZFIG53132	10,92

Screw low pressure fittings 150 LBS (Male BSPT / Female BSP)

Racores baja presión 150 LBS

Niederdruck-Armaturen 150 lbs (Aussengewinde BSPT / Muffe BSP)

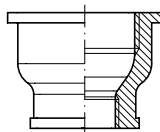
Raccords basse pression 150 LBS (Mâle BSPT / Femelle BSP)

Female-female Reducer socket FIG.240

Reducción hembra-hembra FIG.240

Weiblich-weiblich Reduktion Muffen Fig.240

Réduction Femelle-femelle 150 LBS FIG.240



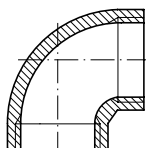
THREAD ROSCA		Part nº Referencia	€
1/4"	1/8"	ZFIG2400402	2,03
3/8"	1/4"	ZFIG2400604	2,66
1/2"	3/8"	ZFIG2400806	3,71
3/4"	1/2"	ZFIG2401208	5,25
1"	3/4"	ZFIG2401612	7,29
1"1/4"	1"	ZFIG2402016	10,44
1"1/2"	1"1/4"	ZFIG2402420	14,08
2"	1"1/2"	ZFIG2403224	19,34
2"1/2"	2"	ZFIG2404032	30,20
3"	2"	ZFIG2404832	45,54
3"	2"1/2"	ZFIG2404840	49,05
4"	2"	ZFIG2406032	69,44

Female-female elbow 90° FIG.090

Codo 90° hembra-hembra FIG.090

90° Winkel 150 lbs FIG. 090

Coude 90° 150 LBS femelle gaz FIG.090



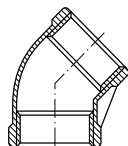
THREAD ROSCA		Part nº Referencia	€
1/8"		ZFIG09002	1,89
1/4"		ZFIG09004	2,22
3/8"		ZFIG09006	2,89
1/2"		ZFIG09008	3,83
3/4"		ZFIG09012	5,59
1"		ZFIG09016	8,46
1"1/4"		ZFIG09020	13,11
1"1/2"		ZFIG09024	16,89
2"		ZFIG09032	25,43
2"1/2"		ZFIG09040	54,16
3"		ZFIG09048	77,07
4"		ZFIG09060	133,54

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



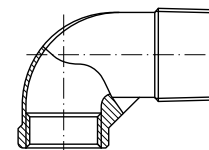
THREAD ROSCA		Part nº Referencia	€
1/8"		ZFIG12002	2,59
1/4"		ZFIG12004	2,86
3/8"		ZFIG12006	3,50
1/2"		ZFIG12008	4,88
3/4"		ZFIG12012	6,67
1"		ZFIG12016	8,55
1"1/4"		ZFIG12020	14,36
1"1/2"		ZFIG12024	17,59
2"		ZFIG12032	27,19
2"1/2"		ZFIG12040	53,19
3"		ZFIG12048	73,30
4"		ZFIG12060	128,89

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



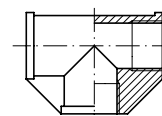
THREAD ROSCA		Part nº Referencia	€
1/8"		ZFIG09202	2,56
1/4"		ZFIG09204	3,30
3/8"		ZFIG09206	3,64
1/2"		ZFIG09208	4,31
3/4"		ZFIG09212	6,27
1"		ZFIG09216	9,23
1"1/4"		ZFIG09220	13,24
1"1/2"		ZFIG09224	17,12
2"		ZFIG09232	25,98
2"1/2"		ZFIG09240	53,26
3"		ZFIG09248	87,80
4"		ZFIG09260	167,47

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



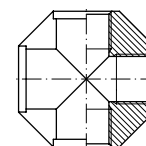
THREAD ROSCA		Part nº Referencia	€
1/8"		ZFIG13002	2,45
1/4"		ZFIG13004	3,67
3/8"		ZFIG13006	3,84
1/2"		ZFIG13008	5,11
3/4"		ZFIG13012	7,96
1"		ZFIG13016	10,92
1"1/4"		ZFIG13020	16,29
1"1/2"		ZFIG13024	22,21
2"		ZFIG13032	33,19
2"1/2"		ZFIG13040	73,23
3"		ZFIG13048	97,31
4"		ZFIG13060	191,63

Threaded cross FIG.180

Cruz roscada FIG.180

Gewinde-Kreuzstück FIG. 180

Croix égale 150 LBS FG FIG.180



THREAD ROSCA		Part nº Referencia	€
1/8"		ZFIG18002	3,86
1/4"		ZFIG18004	4,84
3/8"		ZFIG18006	5,19
1/2"		ZFIG18008	8,27
3/4"		ZFIG18012	11,56
1"		ZFIG18016	17,10
1"1/4"		ZFIG18020	27,26
1"1/2"		ZFIG18024	31,89
2"		ZFIG18032	45,82
2"1/2"		ZFIG18040	90,32
3"		ZFIG18048	118,18
4"		ZFIG18060	223,62

Screw low pressure fittings 150 LBS (Male BSPT / Female BSP)

Racores baja presión 150 LBS

Niederdruck-Armaturen 150 lbs (Aussengewinde BSPT / Muffe BSP)

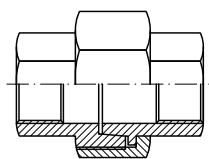
Raccords basse pression 150 LBS (Mâle BSPT / Femelle BSP)

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



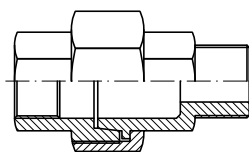
THREAD ROSCA	Part nº Referencia	€
1/8"	ZFIG34002	5,75
1/4"	ZFIG34004	8,23
3/8"	ZFIG34006	9,18
1/2"	ZFIG34008	10,31
3/4"	ZFIG34012	13,68
1"	ZFIG34016	19,55
1" 1/4	ZFIG34020	28,17
1" 1/2	ZFIG34024	32,23
2"	ZFIG34032	48,38
2" 1/2	ZFIG34040	76,66
3"	ZFIG34048	110,85
4"	ZFIG34060	159,72

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



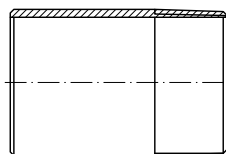
THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG34104	8,96
3/8"	ZFIG34106	9,67
1/2"	ZFIG34108	11,27
3/4"	ZFIG34112	15,98
1"	ZFIG34116	20,28
1" 1/4	ZFIG34120	30,38
1" 1/2	ZFIG34124	36,01
2"	ZFIG34132	54,63
2" 1/2	ZFIG34140	82,54
3"	ZFIG34148	116,80
4"	ZFIG34160	200,12

Welding male fig.149

Macho soldar FIG. 149

Schweiß-Außengewinde FIG. 149

Mâle à souder fig. 149 inox



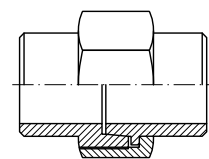
THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG14904	1,47
3/8"	ZFIG14906	1,68
1/2"	ZFIG14908	2,16
3/4"	ZFIG14912	3,08
1"	ZFIG14916	4,25
1" 1/4	ZFIG14920	6,60
1" 1/2	ZFIG14924	7,35
2"	ZFIG14932	9,91

Union 3 welding pieces fig. 340s micro-casting

Unión 3 piezas soldar FIG.340S microfundido

3-teilige Schweißversch. FIG. 340S Mikroguss

Union 3 pièces à souder fig. 340s acier moulé



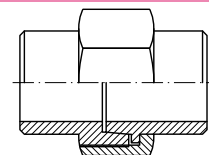
DN	Part nº Referencia	€
1/4"	ZFIG34004S	7,48
3/8"	ZFIG34006S	9,04
1/2"	ZFIG34008S	10,72
3/4"	ZFIG34012S	13,24
1"	ZFIG34016S	18,28
1" 1/4	ZFIG34020S	26,49
1" 1/2	ZFIG34024S	29,43
2"	ZFIG34032S	45,61

Union 3 fem. welding pieces fig.340hs micro-casting

Unión 3 piezas hembra-soldar FIG.340HS microfundido

3-teilige Schweißversch. w FIG. 340S Mikroguss

Union 3 pcs fem. à souder fig.340hs acier moulé



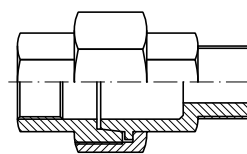
THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG34004HS	7,91
3/8"	ZFIG34006HS	9,39
1/2"	ZFIG34008HS	10,72
3/4"	ZFIG34012HS	13,59
1"	ZFIG34016HS	17,93
1" 1/4	ZFIG34020HS	27,47
1" 1/2	ZFIG34024HS	32,02
2"	ZFIG34032HS	48,07

Union 3 welding male pieces fig.341ms micro-casting

Unión 3 piezas macho-soldar FIG.341MS microfundido

3-teilige Schweißversch. m FIG. 340ms Mikroguss

Union 3 pcs mâle à souder fig.341ms acier moulé



THREAD ROSCA	Part nº Referencia	€
1/4"	ZFIG34104MS	8,48
3/8"	ZFIG34106MS	9,46
1/2"	ZFIG34108MS	11,14
3/4"	ZFIG34112MS	15,13
1"	ZFIG34116MS	20,53
1" 1/4	ZFIG34120MS	29,62
1" 1/2	ZFIG34124MS	35,25
2"	ZFIG34132MS	53,60

Screw low pressure fittings 150 LBS (Male BSPT / Female BSP)

Racores baja presión 150 LBS

Niederdruck-Armaturen 150 lbs (Aussengewinde BSPT / Muffe BSP)

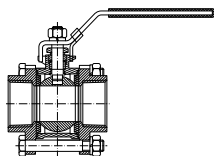
Raccords basse pression 150 LBS (Mâle BSPT / Femelle BSP)

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



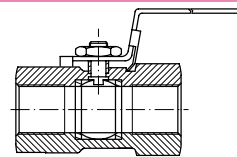
THREAD ROSCA	Part nº Referencia	€
1/4 BSP	BP2V3P14INOX	28,10
3/8 BSP	BP2V3P38INOX	28,10
1/2 BSP	BP2V3P12INOX	35,60
3/4 BSP	BP2V3P34INOX	43,10
1" BSP	BP2V3P11INOX	60,92
1" 1/4 BSP	BP2V3P114INOX	92,99
1" 1/2 BSP	BP2V3P112INOX	123,12
2" BSP	BP2V3P21INOX	172,93

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



DN	THREAD ROSCA	Part nº Referencia	€
8	1/4" BSP	BP2V14INOX	17,11
10	3/8" BSP	BP2V38INOX	17,45
15	1/2" BSP	BP2V12INOX	20,01
20	3/4" BSP	BP2V34INOX	28,84
25	1" BSP	BP2V11INOX	39,62
32	1" 1/4 BSP	BP2V114INOX	63,64
40	1" 1/2 BSP	BP2V112INOX	84,56
50	2" BSP	BP2V21INOX	130,98
65	2" 1/2 BSP	BP2V212INOX	270,19
80	3" BSP	BP2V31INOX	385,74

Accessories

Accesorios

Zubehör

Accessoires

Quick couplings AISI 316

214

Enchufes rápidos AISI 316

SVK AISI 316

Coupleurs rapides AISI 316

Ball valves AISI 316

217

Llaves de paso AISI 316

Kugelhähne AISI 316

Robinets AISI 316

Quick couplings, ball valves and swivel fittings AISI 316 TrΔle

220

Racores giratorios AISI 316 TrΔle

Edelstahl-Kupplungen, -Kugelhähne und -Drehverschraubungen AISI 316 TrΔle

Coupleurs rapides, robinets et raccords tournants AISI 316 TrΔle

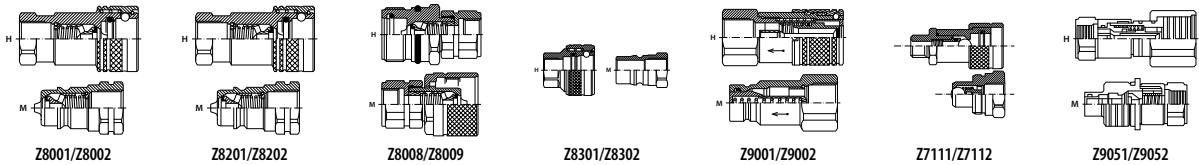
7

Quick couplings AISI 316

Enchufes rápidos AISI 316
SVK AISI 316
Coupleurs rapides AISI 316

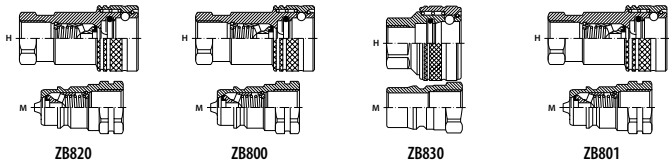
■ Quick couplings / Enchufes rápidos / SVK / Quick release couplings

| 214



■ Quick couplings TrΔle / Enchufes rápidos TrΔle / SVK TrΔle / Coupleurs rapides TrΔle

| 216

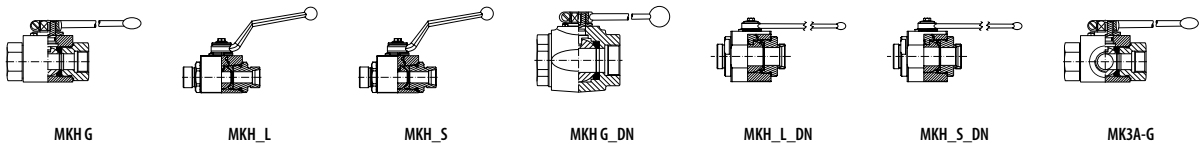


Ball valves AISI 316

Llaves de paso AISI 316
Kugelhähne AISI 316
Robinets AISI 316

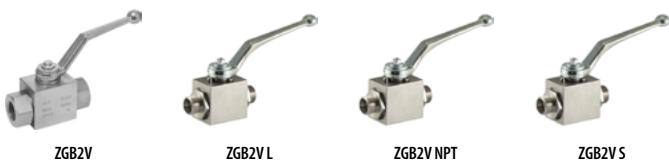
■ Ball valves / Llaves de paso / Kugelhähne / Robinets

| 217



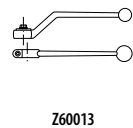
■ 2 ways TrΔle ball valve / Llave 2 vías TrΔle / 2-Wege-KH TrΔle / Robinet 2 voies TrΔle

| 219



■ Handles / Manetas / Handgriff / Leviers

| 219



Quick couplings, ball valves and swivel fittings AISI 316 TrΔle

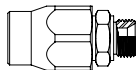
Racores giratorios AISI 316 TrΔle

Edelstahl-Kupplungen, -Kugelhähne und -Drehverschraubungen AISI 316 TrΔle

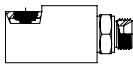
Coupleurs rapides, robinets et raccords tournants AISI 316 TrΔle

■ Swivel fittings TrΔle / Racores giratorios TrΔle / Drehverschraubungen TrΔle / Raccords tournants TrΔle

220



Z GGL



Z GG90

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

TrΔle LOK

Quick couplings AISI 316

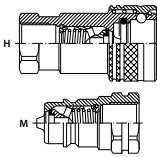
Enchufes rápidos AISI 316
SVK AISI 316
Coupleurs rapides AISI 316

Quick coupling ISO B

Enchufes de punzón ISO B

SVK nach ISO B

Coupleurs rapides à clapet



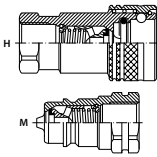
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part n° Referencia	€
1/4" BSP	6,3	1	M	Z800104	41,00
3/8" BSP	10	2	M	Z800106	45,56
1/2" BSP	12,5	3	M	Z800108	52,99
3/4" BSP	20	4	M	Z800112	91,11
1" BSP	25	5	M	Z800116	141,73
1"1/4 BSP	40	7	M	Z800120	470,95
1"1/2 BSP	40	7	M	Z800124	476,49
2" BSP	50	8	M	Z800132	*
1/4" BSP	6,3	1	F	Z800204	91,11
3/8" BSP	10	2	F	Z800206	102,50
1/2" BSP	12,5	3	F	Z800208	134,67
3/4" BSP	20	4	F	Z800212	199,88
1" BSP	25	5	F	Z800216	272,59
1"1/4 BSP	40	7	F	Z800220	687,03
1"1/2 BSP	40	7	F	Z800224	687,03
2" BSP	50	8	F	Z800232	*

Quick coupling ISO A

Enchufes de punzón ISO A

SVK nach ISO A

Coupleurs rapides à clapet ISO A



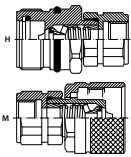
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part n° Referencia	€
3/8" BSP	10	2	M	Z820106	45,99
1/2" BSP	12,5	3	M	Z820108	53,58
3/4" BSP	20	4	M	Z820112	86,43
1" BSP	25	5	M	Z820116	144,05
1"1/4 BSP	31,5	6	M	Z820120	343,51
1"1/2 BSP	40	7	M	Z820124	476,49
2" BSP	50	8	M	Z820132	*
3/8" BSP	10	2	F	Z820206	126,48
1/2" BSP	12,5	3	F	Z820208	115,24
3/4" BSP	20	4	F	Z820212	178,63
1" BSP	25	5	F	Z820216	257,64
1"1/4 BSP	31,5	6	F	Z820220	681,49
1"1/2 BSP	40	7	F	Z820224	858,78
2" BSP	50	8	F	Z820232	*

Quick screw couplings

Enchufes autoroscantes

SV-Schraubkupplungen

Coupleur rapide à visser filetage



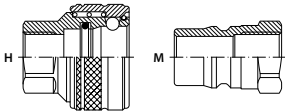
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part n° Referencia	€
1/4" BSP	6,3	1	M	Z800804	174,25
3/8" BSP	10	2	M	Z800806	114,69
1/2" BSP	12,5	3	M	Z800808	138,51
3/4" BSP	20	4	M	Z800812	228,82
1" BSP	25	5	M	Z800816	299,19
1"1/4 BSP	40	7	M	Z800820	*
1"1/2 BSP	40	7	M	Z800824	*
1/4" BSP	6,3	1	F	Z800904	*
3/8" BSP	10	2	F	Z800906	99,73
1/2" BSP	12,5	3	F	Z800908	121,89
3/4" BSP	20	4	F	Z800912	193,92
1" BSP	25	5	F	Z800916	259,30
1"1/4 BSP	40	7	F	Z800920	779,00
1"1/2 BSP	40	7	F	Z800924	779,00

Quick coupling free flow ISO B

Enchufes paso total ISO B

SVK ISO B voller Durchgang

Coupleurs rapides passage total ISO B



THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part n° Referencia	€
1/8" BSP	5	0	M	Z830102	29,43
1/4" BSP	6,3	1	M	Z830104	30,29
3/8" BSP	10	2	M	Z830106	32,95
1/2" BSP	12,5	3	M	Z830108	36,36
3/4" BSP	20	4	M	Z830112	63,95
1" BSP	25	5	M	Z830116	89,30
1"1/4 BSP	40	7	M	Z830120	217,66
1"1/2 BSP	40	7	M	Z830124	217,66
2" BSP	50	8	M	Z830132	*
1/8" BSP	5	0	F	Z830202	81,50
1/4" BSP	6,3	1	F	Z830204	82,82
3/8" BSP	10	2	F	Z830206	99,91
1/2" BSP	12,5	3	F	Z830208	115,46
3/4" BSP	20	4	F	Z830212	163,61
1" BSP	25	5	F	Z830216	253,11
1"1/4 BSP	40	7	F	Z830220	425,17
1"1/2 BSP	40	7	F	Z830224	425,17
2" BSP	50	8	F	Z830232	*

Quick couplings AISI 316

Enchufes rápidos AISI 316

SVK AISI 316

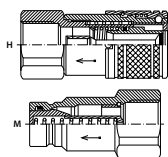
Coupleurs rapides AISI 316

Flat face quick coupling ISO16028

Enchufes de válvula plana ISO16028

Flachdichtende Kupplungen

Coupleurs à clapet face plane ISO16028



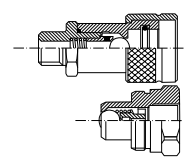
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part nº Referencia	€
1/4" BSP	6,3	1	M	Z900104	154,73
3/8" BSP	10	2	M	Z900106	191,00
1/2" BSP	12,5	3	M	Z900108	219,20
3/4" BSP	16	4	M	Z900112	299,93
1" BSP	19	5	M	Z900116	323,75
1"1/4 BSP	25	5	M	Z900120	293,26
1"1/2 BSP	40	7	M	Z900124	637,78
2" BSP	50	8	M	Z900132	*
1/4" BSP	6,3	1	F	Z900204	238,99
3/8" BSP	10	2	F	Z900206	285,50
1/2" BSP	12,5	3	F	Z900208	333,23
3/4" BSP	20	4	F	Z900212	445,49
1" BSP	25	5	F	Z900216	491,18
1"1/4 BSP	25	5	F	Z900220	740,28
1"1/2 BSP	40	7	F	Z900224	*
2" BSP	50	8	F	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



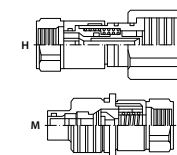
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part nº Referencia	€
3/8" NPT	10	2	M	Z711106	86,99
3/8" NPT	10	2	F	Z711206	118,90

Flat face screw couplings, connection u/pressure

Válvula plana autoroscante acoplamiento en presión

SV-Schraubkupplung flach

Coupleurs face plane à visser, connexion sous pression



THREAD ROSCA		ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part nº Referencia	€
3/8" BSP	M30x2	10	2	M	Z905106	234,92
1/2" BSP	M36x2	12.5	3	M	Z905108	289,22
3/4" BSP	M36x2	16	4A	M	Z905112	287,00
1" BSP	M43x3	19	4	M	Z905116	426,62
1"1/4 BSP	M48x3	25	5	M	Z905120	653,78
1"1/2 BSP	M80x4	40	7	M	Z905124	*
3/8" BSP	M30X2	10	2	F	Z905206	199,46
1/2" BSP	M36X2	12.5	3	F	Z905208	283,68
3/4" BSP	M36X2	16	4A	F	Z905212	261,51
1" BSP	M43X3	19	4	F	Z905216	387,84
1"1/4 BSP	M48X3	25	5	F	Z905220	559,59
1"1/2 BSP	M80X4	40	7	F	Z905224	*

Quick couplings AISI 316 TrΔle

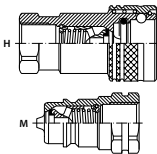
Enchufes rápidos AISI 316 TrΔle
SVK AISI 316 TrΔle
Coupleurs rapides AISI 316 TrΔle

Quick couplings ISO A TrΔle

Enchufes ISO A TrΔle

SVK ISO A TrΔle

Coupleurs ISO A TrΔle



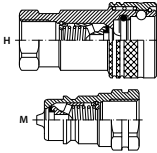
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part nº Referencia	€
1/4" BSP	6.3	1	M	ZB820104	16,26
3/8" BSP	10	2	M	ZB820106	24,94
1/2" BSP	12.5	3	M	ZB820108	42,01
3/4" BSP	20	4	M	ZB820112	76,36
1" BSP	25	5	M	ZB820116	106,07
1/4" BSP	6.3	1	F	ZB820204	39,51
3/8" BSP	10	2	F	ZB820206	59,70
1/2" BSP	12.5	3	F	ZB820208	99,77
3/4" BSP	20	4	F	ZB820212	178,74
1" BSP	25	5	F	ZB820216	249,38

Quick couplings ISO B TrΔle

Enchufes ISO B TrΔle

SVK ISO B TrΔle

Coupleurs ISO B TrΔle



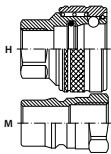
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part nº Referencia	€
1/4" BSP	6.3	1	M	ZB800104	15,19
3/8" BSP	10	2	M	ZB800106	24,05
1/2" BSP	12.5	3	M	ZB800108	40,50
3/4" BSP	20	4	M	ZB800112	73,67
1" BSP	25	5	M	ZB800116	102,27
1/4" BSP	6.3	1	F	ZB800204	36,81
3/8" BSP	10	2	F	ZB800206	57,57
1/2" BSP	12.5	3	F	ZB800208	96,20
3/4" BSP	20	4	F	ZB800212	172,39
1" BSP	25	5	F	ZB800216	240,49

Quick couplings free flow TrΔle ISOB

Enchufes Paso Total TrΔle

SVK TrΔle voller Durchgang

Coupleurs passage total TrΔle ISOB



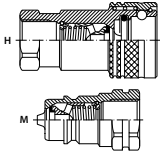
THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part nº Referencia	€
1/4" BSP	6.3	1	M	ZB830104	24,60
3/8" BSP	10	2	M	ZB830106	28,19
1/2" BSP	12.5	3	M	ZB830108	35,21
3/4" BSP	20	4	M	ZB830112	54,84
1" BSP	25	5	M	ZB830116	97,38
1/4" BSP	6.3	1	F	ZB830204	67,09
3/8" BSP	10	2	F	ZB830206	79,28
1/2" BSP	12.5	3	F	ZB830208	94,53
3/4" BSP	20	4	F	ZB830212	125,92
1" BSP	25	5	F	ZB830216	279,31

Quick couplings ISO A NPT TrΔle

Enchufes ISO A NPT TrΔle

SVK ISO A NPT TrΔle

Coupleurs ISO A NPT TrΔle



THREAD ROSCA	ISO SIZE TAMAÑO ISO	BG SIZE TAMAÑO BG	C. E.	Part nº Referencia	€
1/4" NPT	6.3	1	M	ZB801104	16,00
3/8" NPT	10	2	M	ZB801106	25,41
1/2" NPT	12.5	3	M	ZB801108	42,80
3/4" NPT	20	4	M	ZB801112	77,80
1" NPT	25	5	M	ZB801116	108,07
1/4" NPT	6.3	1	F	ZB801204	38,87
3/8" NPT	10	2	F	ZB801206	60,82
1/2" NPT	12.5	3	F	ZB801208	101,66
3/4" NPT	20	4	F	ZB801212	182,12
1" NPT	25	5	F	ZB801216	254,09

Ball valves AISI 316

Llaves de paso AISI 316

Kugelhähne AISI 316

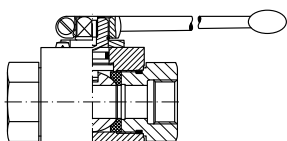
Robinets AISI 316

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



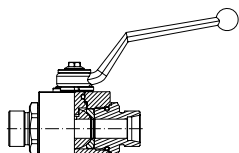
DN	THREAD ROSCA	Part n° Referencia	€
4	1/8" BSP	MKH G 1/8	217,71
6	1/4" BSP	MKH G 1/4	144,56
10	3/8" BSP	MKH G 3/8	180,96
13	1/2" BSP	MKH G 1/2	186,28
16	5/8" BSP	MKH G 5/8	438,94
20	3/4" BSP	MKH G 3/4	445,20
25	1" BSP	MKH G 1	491,72
25	1" 1/4 BSP	MKH G 1 1/4 DN25	619,95
25	1" 1/2 BSP	MKH G 1 1/2 DN25	704,05

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



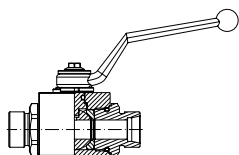
DN	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
4	6 L	M12X1,5	MKH 6 L	289,46
6	8 L	M14X1,5	MKH 8 L	255,81
8	10 L	M16X1,5	MKH 10 L	255,81
10	12 L	M18X1,5	MKH 12 L	234,98
13	15 L	M22X1,5	MKH 15 L	274,01
16	18 L	M26X1,5	MKH 18 L	325,40
20	22 L	M30X2	MKH 22 L	477,27
25	28 L	M36X2	MKH 28 L	607,96
25/32	35 L	M45X2	MKH 35 L	637,69
25/40	42 L	M52X2	MKH 42 L	856,69

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



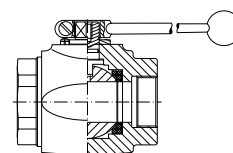
DN	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
4	8 S	M16X1,5	MKH 8 S	255,81
6	10 S	M18X1,5	MKH 10 S	266,99
8	12 S	M20X1,5	MKH 12 S	225,03
10	14 S	M22X1,5	MKH 14 S	295,90
13	16 S	M24X1,5	MKH 16 S	242,00
13	20 S	M30X2	MKH 20 S DN13	354,60
16	20 S	M30X2	MKH 20 S	410,55
20	25 S	M36X2	MKH 25 S	444,14
25	30 S	M42X2	MKH 30 S	512,21
25/32	38 S	M52X2	MKH 38 S	583,96

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



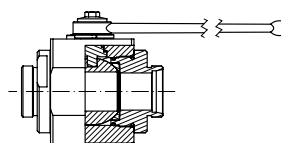
DN	THREAD ROSCA	Part n° Referencia	€
32	1" 1/4 BSP	MKH G 1 1/4 DN32	1.056,55
40	1" 1/2 BSP	MKH G 1 1/2 DN40	1.416,65
50	2" BSP	MKH G 2 DN50	1.858,45

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



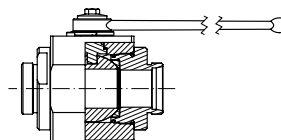
DN	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
35	35 L	M45X2	MKH 35 L DN35	1.224,98
42	42 L	M52X2	MKH 42 L DN42	1.406,11

Ball-valves: tube connection serie S DIN 2353 full bore

Llave 2 vías tubo rígido S paso total

2-Wege-KH Rohr DIN 2353 L voller Durchgang

Robinet haute pression 2 voies boisseau sphérique Métrique série légère passage total



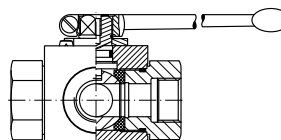
DN	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
32	38 S	M52x2	MKH 38 S DN32	1.193,80

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



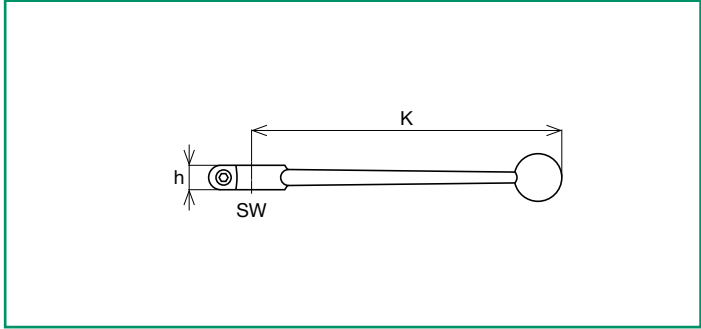
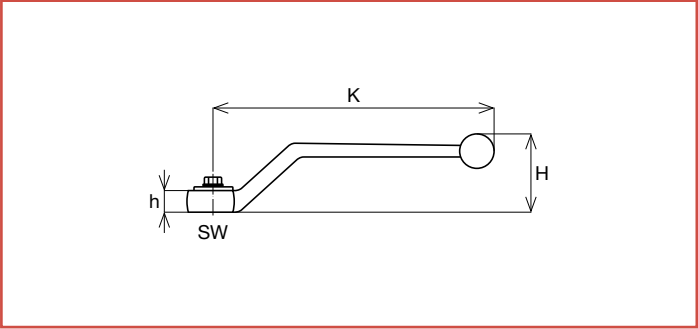
DN	THREAD ROSCA	Part n° Referencia	€
4	1/8" BSP	MK3A-G 1/8	471,53
6	1/4" BSP	MK3A-G 1/4	371,16
10	3/8" BSP	MK3A-G 3/8	522,74
13	1/2" BSP	MK3A-G 1/2	457,43
20	3/4" BSP	MK3A-G 3/4	932,12
25	1" BSP	MK3A-G 1	1.309,37
25	1" 1/4 BSP	MK3A-G 1 1/4	1.362,92
25	1" 1/2 BSP	MK3A-G 1 1/2	1.455,57

Ball valves

Llaves de paso
Kugelhähne
Robinets

■ **Handles for ball-valves 1**
Manetas
Handhebel für Kugelhähne
Leviers pour robinets

■ **Handles for ball-valves 2**
Manetas
Handhebel für Kugelhähne
Leviers pour robinets



	SW	Zinc Zinc Zink Zinc						Aluminum Aluminio Aluminium Aluminium			INOX/SS316L			Steel Acero Stahl Acciaio		
Serie BSP ⅛ - ¼ - ⅜ - ½ - ¾	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 ⅝	12							L501741* (1)								
Serie DIN 18								H	J	K						
								55	12	160						
Serie BSP ¾ - 1 - 1 ¼	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 ¼ - 1 ½ - 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
Die Schlüssel werden mit Zink- oder Aluminiumgriff geliefert
Maniglia sono fornite con manico in zinco o alluminio

(1) **Handles are supplied for ball-valves** / *Maneta suministrada junto a la llave* / Griff mit dem Schlüssel geliefert / Maniglia sono fornite con manico

Ball valves AISI 316 TrΔle

Llaves de paso AISI 316 TrΔle

Kugelhähne AISI 316 TrΔle

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	THREAD ROSCA	Part n° Referencia	€
4	1/8" BSP	ZGB2V 1/8	65,84
6	1/4" BSP	ZGB2V 1/4	110,31
10	3/8" BSP	ZGB2V 3/8	134,58
13	1/2" BSP	ZGB2V 1/2	149,40
20	3/4" BSP	ZGB2V 3/4	228,65
25	1" BSP	ZGB2V 1	316,34

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	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
6	8 L	M14X1,5	ZGB2V 8 L	119,07
8	10 L	M16X1.5	ZGB2V 10 L	132,77
10	12 L	M18X1.5	ZGB2V 12 L	137,18
13	15 L	M22X1.5	ZGB2V 15 L	160,67
16	18 L	M26X1.5	ZGB2V 18 L	160,67
20	22 L	M30X2	ZGB2V 22 L	293,21
25	28L	M36X2	ZGB2V 28 L	315,54

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	THREAD ROSCA	Part n° Referencia	€
6	1/4" NPT	ZGB2V 1/4 NPT	110,31
10	3/8" NPT	ZGB2V 3/8 NPT	134,58
12	1/2" NPT	ZGB2V 1/2 NPT	149,40
19	3/4" NPT	ZGB2V 3/4 NPT	228,65

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



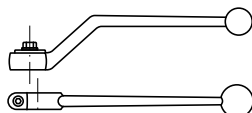
DN	PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
4	8 S	M16X1.5	ZGB2V 8 S	118,60
6	10 S	M18X1.5	ZGB2V 10 S	118,60
8	12 S	M20X1.5	ZGB2V 12 S	132,77
10	14 S	M22X1.5	ZGB2V 14 S	137,47
13	16 S	M24X1.5	ZGB2V 16 S	160,67
16	20 S	M30X2	ZGB2V 20 S	168,47
20	25 S	M36X2	ZGB2V 25 S	293,21

Handles for ball-valves

Manetas para llaves de paso

Handhebel für Kugelhähne

Leviers pour robinets



SIZE TAMAÑO	Part n° Referencia	€
HEX9	Z60013155330	21,07
HEX14	Z60013155331	35,35
HEX17	Z60013155332	241,94

See dimension table in page 218 / Ver tabla de dimensiones en pág 218 / Abmessungen entspr. der Tabelle auf S. 218 / Voir table de dimensions à la page 218

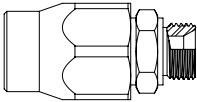
Quick couplings, ball valves and swivel fittings AISI 316 TrΔle

Racores giratorios AISI 316 TrΔle
Edelstahl-Kupplungen, -Kugelhähne und -Drehverschraubungen AISI 316 TrΔle
Coupleurs rapides, robinets et raccords tournants AISI 316 TrΔle

Straight swivel fittings TrΔle

Racores giratorios rectos TrΔle

Gerade Drehverschraubungen TrΔle



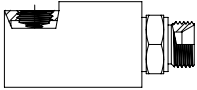
Raccord tournant droit TrΔle

THREAD ROSCA	Part nº Referencia	€
1/4" BSP	Z GGL 1/4	196,86
3/8" BSP	Z GGL 3/8	225,93
1/2 " BSP	Z GGL 1/2	253,47
3/4" BSP	Z GGL 3/4	323,85
1" BSP	Z GGL 1	433,50
1" 1/4 BSP	Z GGL 1 1/4	605,37
1" 1/2 BSP	Z GGL 1 1/2	912,90
2" BSP	Z GGL 2	1.224,00

Elbow 90° swivel female TrΔle

Racores giratorios 90° TrΔle

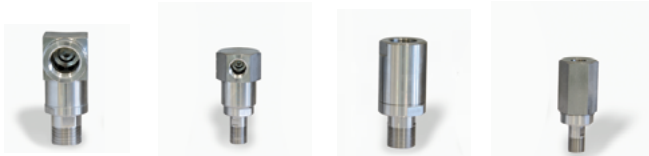
W-Drehverschraubungen 90° TrΔle



Raccord tournant coude 90° TrΔle

THREAD ROSCA	Part nº Referencia	€
1/4" BSP	Z GG90 1/4	246,33
3/8 " BSP	Z GG90 3/8	298,86
1/2" BSP	Z GG90 1/2	366,18
3/4 " BSP	Z GG90 3/4	448,80
1" BSP	Z GG90 1	604,35
1" 1/4 BSP	Z GG90 1 1/4	942,48
1" 1/2 BSP	Z GG90 1 1/2	1.303,56
2 " BSP	Z GG90 2	1.871,70

RACORES GIRATORIOS | STRAIGHT SWIVEL FITTINGS



Racores giratorios para compensar la rotación y torsión de la manguera y prevenir sus posibles daños.

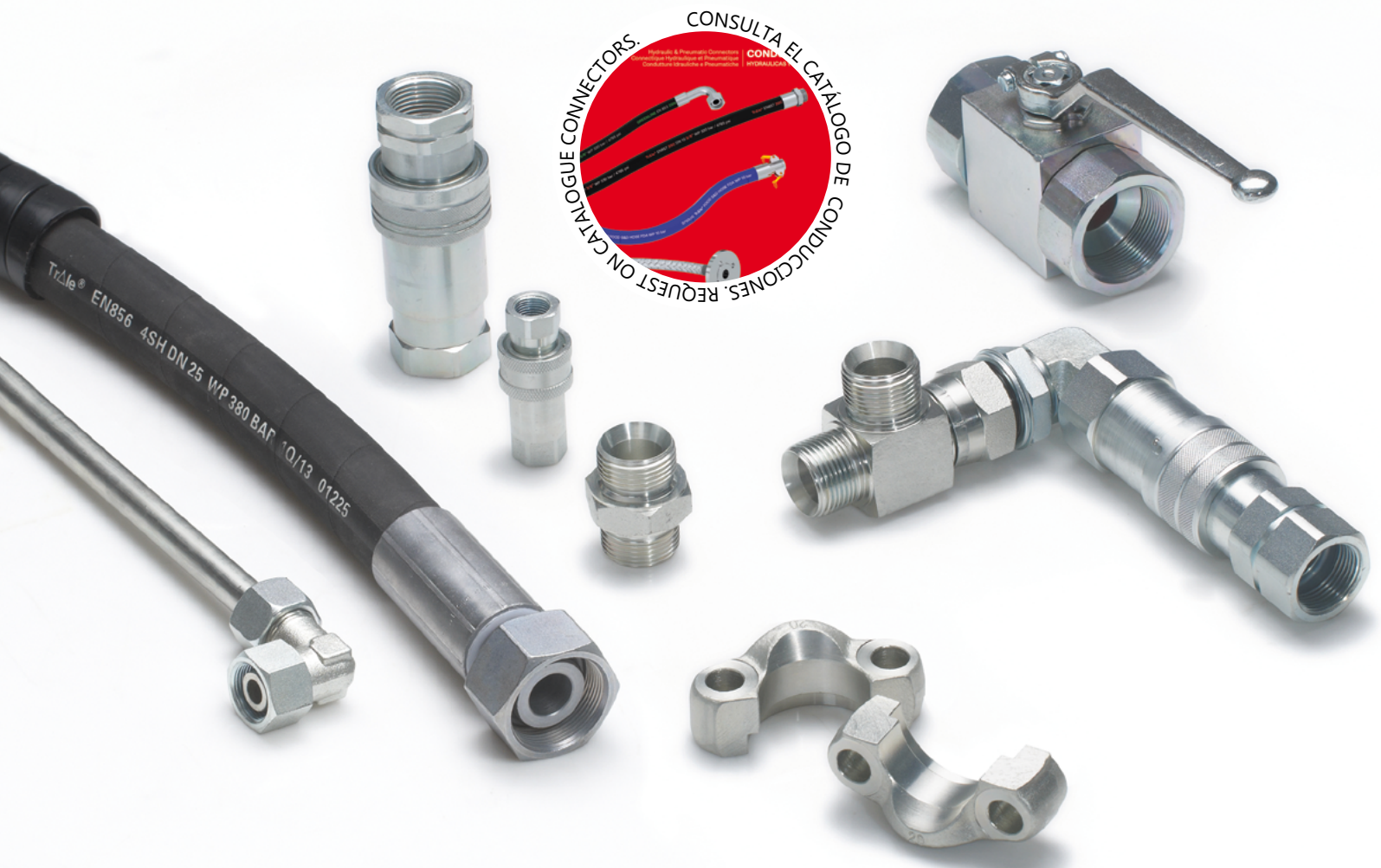
Straight swivel fittings can compensate the hose rotation and torsion to prevent possible damage.

Ver ficha técnica | Check technical sheet



CONDUCCIONES HIDRÁULICAS Y NEUMÁTICAS HYDRAULIC AND PNEUMATIC CONNECTORS

221



FLEXIBLES HIDRÁULICOS • FLEXIBLE CONNECTORS
FLEXIBLES INDUSTRIALES • INDUSTRIAL FLEXIBLE HOSES & FITTINGS
TUBO RÍGIDO • PIPE CONNECTORS
ACCESORIOS • ACCESSORIES
CONDUCCIONES NEUMÁTICAS • PNEUMATIC CONNECTORS

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

225

8

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

225



ZFT2251B



ZFT2253U



ZFT22512B



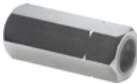
ZFT22572B



ZFT22575U

- Check-valves /Anti-retornos /Rückschlagventile - RV /Clapet antiretour

226



ZFPR

- Check-valves TrΔle /Anti-retornos TrΔle /Rückschlagventile -RV TrΔle /Clapet antiretour TrΔle

226



ZVT0

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



THREAD ROSCA	MAX. FLOW (l/min) CAUDAL MÁX.	FILTRATION DEGREE GRADO DE FILTRACIÓN	Part n° Referencia	€
1/4" BSP	M17x1	12	25μ	ZFT2251B04 158,33
3/8" BSP	M20x1	30	25μ	ZFT2251B06 195,49
1/2" BSP	M25x1,5	45	25μ	ZFT2251B08 305,11
3/4" BSP	M30x1,5	85	25μ	ZFT2251B12 411,03

Forged unidirectional flow control valve 350 Bar

Regulador caudal forjado unidireccional 350 Bar

Einweg-Steuerventile geschmiedet 350 Bar

Régulateur débit unidirectionnel forgé 350 Bar



THREAD ROSCA	MAX. FLOW (l/min) CAUDAL MÁX.	FILTRATION DEGREE GRADO DE FILTRACIÓN	Part n° Referencia	€
1/4" BSP	M17x1	12	25μ	ZFT2253U04 189,93
3/8" BSP	M20x1	30	25μ	ZFT2253U06 231,26
1/2" BSP	M25x1,5	45	25μ	ZFT2253U08 328,98
3/4" BSP	M30x1,5	85	25μ	ZFT2253U12 441,79

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



THREAD ROSCA	MAX. FLOW (l/min) CAUDAL MÁX.	FILTRATION DEGREE GRADO DE FILTRACIÓN	Part n° Referencia	€
1/8" BSP	M15x1	10	25μ	ZFT22512B02 184,39
1/4" BSP	M17x1	13	25μ	ZFT22512B04 171,54
3/8" BSP	M20x1	30	25μ	ZFT22512B06 211,81
1/2" BSP	M25x1,5	60	25μ	ZFT22512B08 313,96
3/4" BSP	M30x1,5	80	25μ	ZFT22512B12 422,96

Bidirectional flow control valve 400 Bar

Regulador caudal bidireccional 400 Bar

Zweiweg- Steuerventil 400 Bar

Régulateur débit bidirectionnel 400 Bar



THREAD ROSCA	MAX. FLOW (l/min) CAUDAL MÁX.	FILTRATION DEGREE GRADO DE FILTRACIÓN	Part n° Referencia	€
1/4" BSP	M20x1	13	25μ	ZFT22572B04 232,74
3/8" BSP	M25x1,5	38	25μ	ZFT22572B06 303,62
1/2" BSP	M30x1,5	50	25μ	ZFT22572B08 442,86
3/4" BSP	M40x1,5	80	25μ	ZFT22572B12 685,55
1" BSP	M50x1,5	190	25μ	ZFT22572B16 1.379,79
1"1/4 BSP	M50x1,5	195	25μ	ZFT22572B20 1.507,76
1" 1/2 BSP	M55x2	200	25μ	ZFT22572B24 2.384,37
2" BSP	M65x2	200	25μ	ZFT22572B32 3.111,96

Unidirectional flow control valve 400 Bar

Regulador caudal unidireccional 400 Bar

Einweg- Steuerventile 400 Bar

Régulateur débit unidirectionnel 400 Bar



THREAD ROSCA	MAX. FLOW (l/min) CAUDAL MÁX.	FILTRATION DEGREE GRADO DE FILTRACIÓN	Part n° Referencia	€
1/8" BSP	M17x1	6	25μ	ZFT22575U02 408,35
1/4" BSP	M20x1	14	25μ	ZFT22575U04 343,42
3/8" BSP	M25x1,5	20	25μ	ZFT22575U06 430,19
1/2" BSP	M30x1,5	45	25μ	ZFT22575U08 581,99
3/4" BSP	M40x1,5	80	25μ	ZFT22575U12 901,87
1" BSP	M50x1,5	180	25μ	ZFT22575U16 1.551,57
1"1/4 BSP	M50x1,5	200	25μ	ZFT22575U20 1.700,61
1" 1/2 BSP	M55x2	200	25μ	ZFT22575U24 3.061,12
2" BSP	M65x2	200	25μ	ZFT22575U32 4.038,47

Hydraulic Components AISI 316

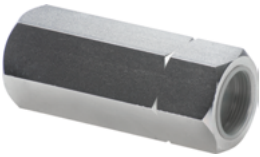
Componentes hidráulicos AISI 316
Hydraulische Komponenten AISI 316
Composants Hydrauliques AISI 316

Check-valve line mounting BSP

Anti-retorno en linea BSP

Rückschlagventil in Linie BSP

Clapet antiretour simple en ligne BSP



THREAD ROSCA	SETTING (bar) TARAJE (bar)	Part nº Referencia	€
1/4" BSP	0,5	Z FPR 1/4	54,83
1/4" BSP	2,5	Z FPR 1/4-2.5	99,45
1/4" BSP	5	Z FPR 1/4-5	99,45
1/4" BSP	10	Z FPR 1/4-10	99,45
3/8" BSP	0,5	Z FPR 3/8	62,99
3/8" BSP	2,5	Z FPR 3/8-2.5	107,10
3/8" BSP	5	Z FPR 3/8-5	107,10
3/8" BSP	10	Z FPR 3/8-10	137,70
1/2" BSP	0,5	Z FPR 1/2	71,50
1/2" BSP	2,5	Z FPR 1/2-2.5	127,50
1/2" BSP	5	Z FPR 1/2-5	127,50
1/2" BSP	10	Z FPR 1/2-10	127,50
3/4" BSP	0,5	Z FPR 3/4	125,41
1" BSP	0,5	Z FPR 1	193,49
1" 1/4 BSP	0,5	Z FPR 1 1/4	343,03
1" 1/2 BSP	0,5	Z FPR 1 1/2	414,27

For other standard spring pressures, consult us. / Para otras presiones de tarado estandard, consultar. / Bitte kontaktieren Sie uns für andere Standard-Drucke. / Pour d'autres pressions ressort standard, consultez-nous.

Check-valve line mounting BSP TrΔle

Antiretorno en linea BSP TrΔle

Rückschlagventil in Linie BSP TrΔle

Clapet antiretour simple en ligne BSP TrΔle



THREAD ROSCA	SETTING (bar) TARAJE (bar)	Part nº Referencia	€
1/4" BSP	0.5	ZVT001004	26,64
3/8" BSP	0.5	ZVT001006	33,11
1/2" BSP	0.5	ZVT001008	42,43
3/4" BSP	0.5	ZVT001012	64,53

For other standard spring pressures, consult us. / Para otras presiones de tarado estandard, consultar. / Bitte kontaktieren Sie uns für andere Standard-Drucke. / Pour d'autres pressions ressort standard, consultez-nous.

COMPONENTES HIDRÁULICOS Y NEUMÁTICOS

HYDRAULIC AND PNEUMATIC COMPONENTS



DEPÓSITOS, FILTROS, CAMPANAS Y ACOPLAMIENTOS · TANKS, FILTERS, BELLHOUSINGS & COUPLINGS

BOMBAS, DIVISORES DE CAUDAL Y MULTIPLICADORES · PUMPS, GEAR FLOW DIVIDERS & MULTIGEAR

VÁLVULAS HIDRÁULICAS Y DISTRIBUIDORES HIDRÁULICOS · HYDRAULIC VALVES & HYDRAULIC CONTROL VALVES

ELECTROVÁLVULAS, PLACAS BASE, EMPUÑADURAS Y SELECTORAS · DIRECTIONAL VALVES, SUBPLATES, JOYSTICKS & DIRECTIONAL VALVES

ACUMULADORES, PRESOSTATOS E INTERCAMBIADORES DE CALOR · ACCUMULATORS, PRESSURE SWITCHES & HEAT EXCHANGERS

MINICENTRALES, MOTORES LENTOS HIDRÁULICOS y CILINDROS HIDRÁULICOS · HYDRAULIC MOTORS, MINI POWER PACKS & HYDRAULIC CYLINDERS

NEUMÁTICA: ACCESORIOS, VÁLVULAS, CILINDROS Y MICROCILINDROS · PNEUMATICS: ACCESSORIES, VALVES, CYLINDERS Y MICRO-CYLINDERS



Flow measuring

Metrología

Messtechnik

Test du circuit hydraulique

Test couplings

233

Racores de control

Kontrollarmaturen

Prises de pression

Micro-hose fittings

234

Conexiones Micro-hose

Mikroschlauch-Armaturen

Embouts Capillaire

Pressure gauges AISI 316 with glycerin

235

Instrumentos de medición

Manometer AISI 316L mit Glyzerin

Manomètre AISI 316 avec glycérine

9

Test couplings

Racores de control
Kontrollarmaturen
Prises de pression

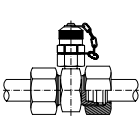
■ Checking fittings / Racores de Control / Kontrollarmaturen / Prises de pression



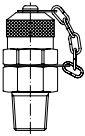
Z MPR...C/J



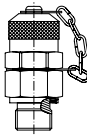
Z MPR TLM



Z MPR DL/S



Z MPR...NPT



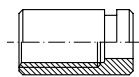
Z MPR M...C/J

Micro-hose fittings

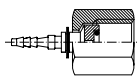
Conexiones Micro-hose
Mikroschlauch-Armaturen
Embouts Capillaire

■ Micro-hose fittings / Conexiones Micro-hose / Mikroschlauch-Armaturen / Embouts Capillaire

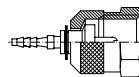
234



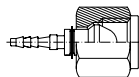
Z55501



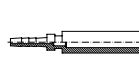
Z55505



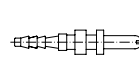
Z55506



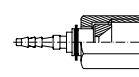
Z55504



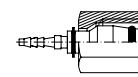
Z55507



Z55503



Z55509



Z5550795

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

Tr/Ale LOK

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 | 235



ZMF163..V



ZMF163..DB

- Pressure gauge DN 100 with glycerin / Manómetros inox glicerina DN 100 / Edelstahl-Manometer mit Glyzerin DN 100 / Manomètre avec glycérine DN 100 | 235



ZMF1100..V



ZMF1100..DB

- Valves for manometers / Protectores manómetros / Manometer-Schutzventil / Valves pour manomètres | 236



Z FPE



Z FPEA



ZFT2299

Test couplings

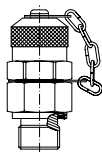
Racores de control
Kontrollarmaturen
Prises de pression

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 capuchon métallique



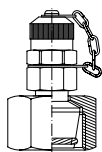
THREAD ROSCA	Part n° Referencia	€
1/8" BSP	Z MPR 1/8 G	46,66
1/4" BSP	Z MPR 1/4 G	46,84
3/8" BSP	Z MPR 3/8 G	59,95
1/2" BSP	Z MPR 1/2 G	61,49

TLM Check couplings with metallic cap

Racores de control TLM con capuchón metálico

Kontrollarmaturen mit Ü-Mutter und Metallkappe

Prises de pression TLM avec capuchon métallique



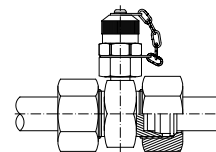
PIPE TUBO	SERIE	THREAD ROSCA	Part n° Referencia	€
6	L	M12x1.5	Z MPR TLM 6L	94,33
8	L	M14x1.5	Z MPR TLM 8L	96,78
10	L	M16x1.5	Z MPR TLM 10L	102,90
12	L	M18x1.5	Z MPR TLM 12L	98,00
15	L	M22x1.5	Z MPR TLM 15L	98,63
6	S	M14x1.5	Z MPR TLM 6S	95,55
8	S	M16x1.5	Z MPR TLM 8S	96,78
10	S	M18x1.5	Z MPR TLM 10S	105,35
12	S	M20x1.5	Z MPR TLM 12S	104,13

Halfway check fitting for metal tube

Racor de control intermedio para tubo metálico

Kontroll-Zwischenverschraubung für Metallrohr

Raccord intermédiaire pour tube métallique



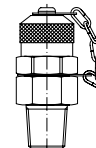
PIPE TUBO	SERIE	Part n° Referencia	€
6	L	Z MPR DL 6	102,90
8	L	Z MPR DL 8	107,80
10	L	Z MPR DL 10	116,38
12	L	Z MPR DL 12	105,35
15	L	Z MPR DL 15	115,15
18	L	Z MPR DL 18	132,30
22	L	Z MPR DL 22	149,45
28	L	Z MPR DL 28	226,63
35	L	Z MPR DL 35	238,88
42	L	Z MPR DL 42	218,05
6	S	Z MPR DS 6	102,90
8	S	Z MPR DS 8	112,70
10	S	Z MPR DS 10	120,05
12	S	Z MPR DS 12	111,48
14	S	Z MPR DS 14	129,85
16	S	Z MPR DS 16	120,05
20	S	Z MPR DS 20	153,13
25	S	Z MPR DS 25	189,88
30	S	Z MPR DS 30	230,30
38	S	Z MPR DS 38	230,30

NPT Check couplings with metallic cap

Racores de control NPT con capuchón metálico

NPT-Kupplungen prüfen mit Metallkappe

Prises de pression NPT avec capuchon métallique



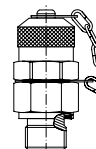
THREAD ROSCA	Part n° Referencia	€
1/8" NPT	Z MPR 1/8 NPT	59,95
1/4" NPT	Z MPR 1/4 NPT	59,95
3/8" NPT	Z MPR 3/8 NPT	59,95

Metric Check couplings with captive seal and metallic cap

Racores de control Métrico con Junta y capuchón metálico

Metric Kupplungen mit Flachdichtung prüfen und Metallkappe

Prises de pression métrique avec joint plat et capuchon métallique



THREAD ROSCA	Part n° Referencia	€
M10X1.5	Z MPR M 10X1.5	58,34
M12X1.5	Z MPR M 12X1.5	58,34
M14X1.5	Z MPR M 14X1.5	56,79
M16X1.5	Z MPR M 16X1.5	56,79

Micro-hose fittings

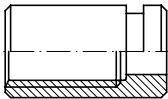
Conexiones Micro-hose
Mikroschlauch-Armaturen
Embouts Capillaire

Ferrules AISI -303

Casquillos AISI-303

Pressfassungen AISI-303

Jupes AISI-303



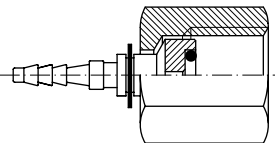
DN	Part nº Referencia	€
2	Z555010100	2,66

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 Minimes



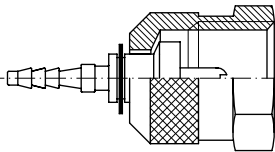
DN	THREAD ROSCA	Part nº Referencia	€
2	1/4" BSP	Z555050404	16,11
2	1/2" BSP	Z555050808	27,28

Check Metric swivel female Micro-hose

Hembra giratoria de control

Kontroll-Dichtkopf mit Ü-Mutter

Embout femelle tournante de control Métrique Minimes



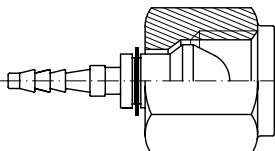
DN	THREAD ROSCA	Part nº Referencia	€
2	M16X2	Z555069523	17,17

Straight swivel female BSP 60° cone micro-hose

Hembra giratoria BSP 60°

Dichtkopf 60°

Embout femelle tournante gaz cyl BSP 60° Minimes

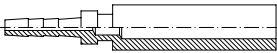


DN	THREAD ROSCA	Part nº Referencia	€
2	1/8" BSP	Z555040202	30,20
2	1/4" BSP	Z555040404	16,47
2	1/2" BSP	Z555040606	26,67

Metric standpipe Micro-hose

Espiga lisa Métrica

Metr. Stutzen glatt



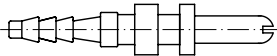
Embout lisse Métrique Minimes

DN	PIPE TUBO	Part nº Referencia	€
2	6	Z555070600	7,73
2	8	Z555070800	10,76

Straight Micro-hose check male

Macho de control

Kontroll-Außengewinde



Embout mâle manomètre

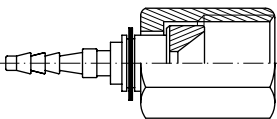
DN	Part nº Referencia	€
2	Z555030325	9,18

Straight swivel female JIC 37° Micro-hose

Hembra giratoria recta JIC 37°

Dichtkopf mit Ü-Mutter gerade JIC 37°

Embout femelle tournante JIC 37° Minimes



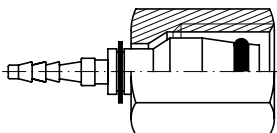
DN	THREAD ROSCA	Part nº Referencia	€
2	7/16" 20h UNF	Z555090700	14,42

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	PIPE TUBO	THREAD ROSCA	Part nº Referencia	€
2	6L	M12X1,5	Z555079510	11,65
2	6S	M14X1,5	Z555079511	24,75
2	8L	M14X1,5	Z555079512	26,27
2	8S	M16X1,5	Z555079523	27,60
2	10L	M16X1,5	Z555079525	30,20

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



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-2.5	ZMFI6304002.5V	*
1/4" BSP	0-4	ZMFI6304004V	*
1/4" BSP	0-6	ZMFI6304006V	29,02
1/4" BSP	0-10	ZMFI6304010V	29,02
1/4" BSP	0-16	ZMFI6304016V	29,02
1/4" BSP	0-25	ZMFI6304025V	29,02
1/4" BSP	0-40	ZMFI6304040V	29,02
1/4" BSP	0-60	ZMFI6304060V	29,02
1/4" BSP	0-100	ZMFI6304100V	29,02
1/4" BSP	0-160	ZMFI6304160V	29,02
1/4" BSP	0-250	ZMFI6304250V	29,02
1/4" BSP	0-400	ZMFI6304400V	29,02
1/4" BSP	0-600	ZMFI6304600V	29,02

Pressure gauge DN 63 rear connection

Manómetros DN 63 dorsal

Manometer DN 63 Ausgang hinten

Manomètre DN 63 sortie arrière



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/4" BSP	0-10	ZMFI6304010DB	32,24
1/4" BSP	0-16	ZMFI6304016DB	32,24
1/4" BSP	0-25	ZMFI6304025DB	32,24
1/4" BSP	0-60	ZMFI6304060DB	32,24
1/4" BSP	0-160	ZMFI6304160DB	32,24
1/4" BSP	0-250	ZMFI6304250DB	32,24
1/4" BSP	0-400	ZMFI6304400DB	32,24

Pressure gauge DN 100 vertical connection

Manómetros DN 100 salida vertical

Manometer DN 100 Ausgang vertikal

Manomètre DN 100 sortie verticale



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-6	ZMFI10008006V	*
1/2" BSP	0-10	ZMFI10008010V	49,33
1/2" BSP	0-16	ZMFI10008016V	49,33
1/2" BSP	0-25	ZMFI10008025V	49,33
1/2" BSP	0-40	ZMFI10008040V	*
1/2" BSP	0-60	ZMFI10008060V	49,33
1/2" BSP	0-100	ZMFI10008100V	49,33
1/2" BSP	0-160	ZMFI10008160V	49,33
1/2" BSP	0-250	ZMFI10008250V	49,33
1/2" BSP	0-400	ZMFI10008400V	49,33
1/2" BSP	0-600	ZMFI10008600V	49,33

Pressure gauge DN 100 rear connection

Manómetros DN 100 dorsal

Manometer DN 100 Ausgang hinten

Manomètre DN 100 sortie arrière



THREAD ROSCA	SCALE (bar) ESCALA (bar)	Part n° Referencia	€
1/2" BSP	0-1	ZMFI10008001DB	53,12
1/2" BSP	0-4	ZMFI10008004DB	53,12
1/2" BSP	0-6	ZMFI10008006DB	53,12
1/2" BSP	0-10	ZMFI10008010DB	53,12
1/2" BSP	0-16	ZMFI10008016DB	53,12
1/2" BSP	0-25	ZMFI10008025DB	53,12
1/2" BSP	0-40	ZMFI10008040DB	53,12
1/2" BSP	0-60	ZMFI10008060DB	53,12
1/2" BSP	0-100	ZMFI10008100DB	53,12
1/2" BSP	0-160	ZMFI10008160DB	53,12
1/2" BSP	0-250	ZMFI10008250DB	53,12
1/2" BSP	0-400	ZMFI10008400DB	*

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)



THREAD ROSCA		Part nº Referencia	€
1/4" BSP	1/4" BSPT	Z FPE 1G 1/4	161,15

90° pressure gauge protector (line mounting)

Protector manómetro 90°

Manometer-Schutzventil 90°

Isolateur de manomètre coudé a 90° (en ligne)



THREAD ROSCA		Part nº Referencia	€
1/4" BSP	1/4" BSPT	Z FPEA 1G 1/4	161,15

Pressure gauge adaptor (in line) SF-FM

Adaptador para manómetro en línea TL-MF

Manometer- Adapter TL- MF

Adaptateur pour manomètre (en ligne) TL-MF



THREAD ROSCA	Part nº Referencia	€
1/4"	ZFT229904	58,80
1/2"	ZFT229908	75,58

ÁREA TÉCNICA TECHNICAL DEPARTMENT

NOS ANTICIPAMOS A LAS NECESIDADES DE NUESTROS CLIENTES Y OFRECEMOS SOLUCIONES ADAPTADAS

WE ANTICIPATE OUR CLIENT'S NEEDS, PROVIDING ADAPTED SOLUTIONS

NUESTRO DEPARTAMENTO TÉCNICO MEJORA CONTINUAMENTE

TU SATISFACCIÓN ES NUESTRO COMPROMISO

Garantizamos la calidad de todos los equipos que fabricamos y distribuimos mediante la realización de pruebas de producto y la emisión de certificados. Fabricamos piezas especiales bajo pedido, adaptándonos a las necesidades específicas de cada cliente.

SERVICIOS TÉCNICOS DE ALTA CALIDAD

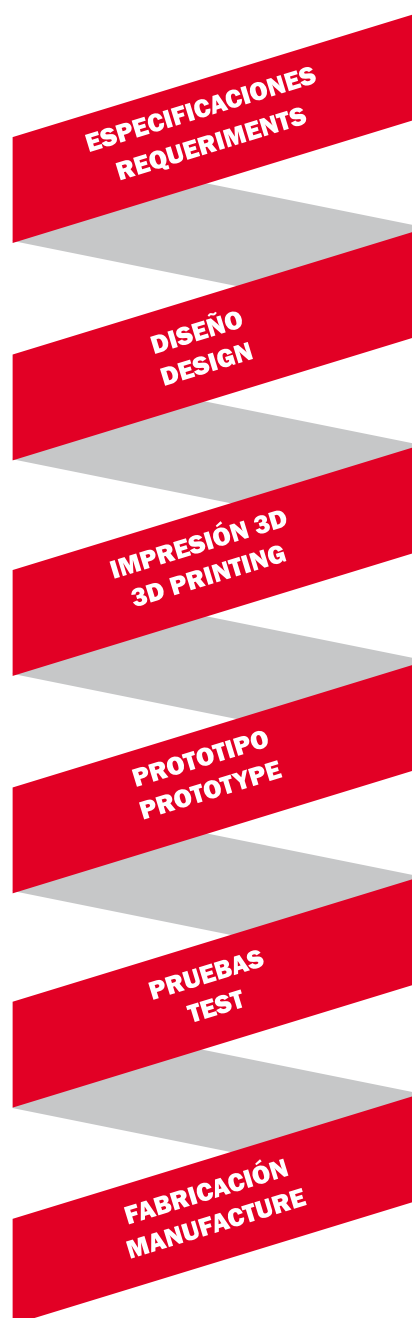
Nuestro equipo altamente cualificado es capaz de asesorarle en conducciones y componentes hidráulicos, así como en kits de primeros equipos. Actualizamos y verificamos constantemente nuestra página web y fichas técnicas de todos nuestros productos.

DISEÑO CON IMPRESIÓN 3D

Utilizamos tecnología de fabricación aditiva para mejorar y rediseñar productos. Este sistema permite la comprobación total de los productos sin necesidad de fabricar prototipos y pre series, lo que garantiza un uso más efectivo de materias primas.

SOLUCIONES ADAPTADAS

Diseñamos grupos hidráulicos y buscamos soluciones de aprovisionamiento. Para ello, estudiamos de forma individualizada cada caso, evalúa y comprueba los posibles diseños y se adapta a las especificaciones técnicas concretas de cada cliente.



TECHNICAL DEPARTMENT ON GOING IMPROVEMENT

YOUR SATISFACTION IS OUR COMMITMENT

We guarantee the quality of all equipments that we manufacture and distribute, through product tests and issuance of certificates. We manufacture special products upon request.

HIGH QUALITY TECHNICAL CONSULTING SERVICES

Our high qualified team can provide advice on hydraulic and pneumatic connectors, they also offer technical support for Original Equipment Manufacturer. We constantly maintain and update our website and technical data.

3D PRINTING DESIGN

Dicsa implements additive manufacturing technology, using 3D printer to redesign and improve products. This working method ensures more efficient use of raw materials, so it allows checking products without the need for manufacturing massively with prolonged and costly processes.

CUSTOMISED SOLUTIONS

We design and manufacture customised Hydraulic power packs, responding to your specific needs and offering you adapted solutions. DICSA Hydraulic Department studies and evaluates each case in an individualized way and they will adapt designs to technical specifications of each customer.



TrΔle LOK

TrΔle LOK

TrΔle LOK

TrΔle LOK

Twin Ferrule Fittings TrΔle LOK

Racor Doble Anillo TrΔle LOK

Verschraubungen für Doppelklemmring TrΔle LOK

Raccords double bague TrΔle LOK

243

10

Twin Ferrule Fittings TrΔle LOK

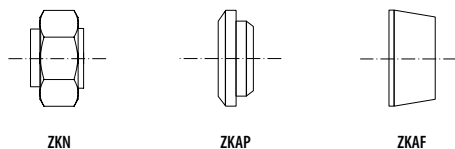
Racor Doble Anillo TrΔle LOK

Verschraubungen für Doppelklemmring TrΔle LOK

Raccords double bague TrΔle LOK

- Nuts and rings / Tuercas y anillos / Muttern und Schneidringe / Écrous et bagues

243



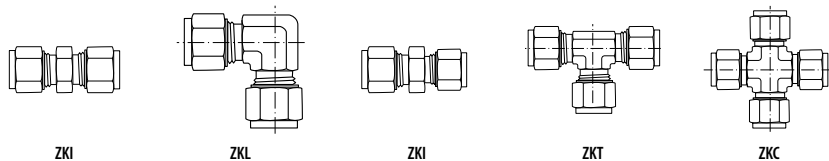
ZKN

ZKAP

ZKAF

- Straight couplings / Uniones tubo-tubo / Gerade Verschraubungen (G) / Raccords union double

244



ZKI

ZKL

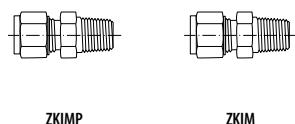
ZKI

ZKT

ZKC

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

245

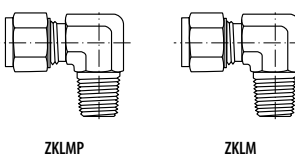


ZKIMP

ZKIM

- Male stud elbows / Codos tubo-rosca / W-Einschraubverschraubungen - WE / Raccords coude mâle gaz

246

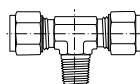


ZKLMP

ZKLM

- Male stud branch / TES rosca central / T-Einschraubungen - TE / Raccords Té mâle central

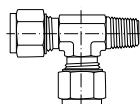
246



ZKTMP

- Male stud barrel / TES rosca lateral / T-einschraubungen / Raccords Té mâle latéral

247



ZKTLMP

- Bulkhead / Pasatabiques / Schott / Raccords passe cloison

247

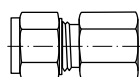


ZKIB

ZKIBP

- Straight female coupling / Racor recto hembra / Gerade Kupplung / Raccords droits femelle

248



ZKIHP

Twin Ferrule Fittings TrΔle LOK

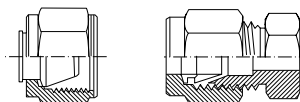
Racor Doble Anillo TrΔle LOK

Verschraubungen für Doppelklemmring TrΔle LOK

Raccords double bague TrΔle LOK

■ Plugs / Tapones / Stopfen / Raccords bouchon métrique

249

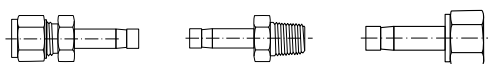


ZK0H

ZK0M

■ Pipe connector / Conectores para tubo / Rohrverbinder / Connecteur de tuyau

249



ZK1A

ZK1AMP

ZK1AHP

TRΔLE® LOK SERIES

■ INFORMACIÓN DE CODIFICACIÓN / CODIFICATION INFORMATION

1 EJEMPLO- EXAMPLE

ZKTK02

ZK: DICSА 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: DICSА 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	DESCRIPCIÓN / 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



Twin Ferrule Fittings TrΔle LOK

Racor Doble Anillo TrΔle LOK

Verschraubungen für Doppelklemmring TrΔle LOK

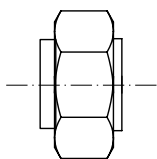
Raccords double bague TrΔle LOK

Nut for twin-ferrule

Tuercas para doble anillo

Mutter für Doppelklemmring

Écrou double bagues



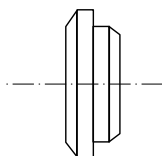
PIPE TUBO	Part n° Referencia	€
1/8"	ZKN02	4,45
1/4"	ZKN04	4,68
5/16"	ZKN05	*
3/8"	ZKN06	5,55
1/2"	ZKN08	7,33
5/8"	ZKN10	*
1/2"	ZKN12	*
5/8"	ZKN16	*
6	ZKN06M	4,68
8	ZKN08M	5,13
10	ZKN10M	5,87
12	ZKN12M	7,24
14	ZKN14M	*
15	ZKN15M	*
16	ZKN16M	*
18	ZKN18M	*
20	ZKN20M	*
22	ZKN22M	*
25	ZKN25M	*

Back Ferrule

Anillo posterior

Hinterer Klemmring

Virole arrière



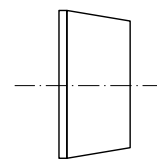
PIPE TUBO	Part n° Referencia	€
1/8"	ZKAP02	1,83
1/4"	ZKAP04	1,93
5/16"	ZKAP05	*
3/8"	ZKAP06	2,25
1/2"	ZKAP08	3,62
5/8"	ZKAP10	*
1/2"	ZKAP12	*
5/8"	ZKAP16	*
6	ZKAP06M	1,93
8	ZKAP08M	2,11
10	ZKAP10M	2,29
12	ZKAP12M	3,53
14	ZKAP14M	*
15	ZKAP15M	*
16	ZKAP16M	*
18	ZKAP18M	*
20	ZKAP20M	*
22	ZKAP22M	*
25	ZKAP25M	*

Front Ferrule

Anillo frontal

Vorderer Klemmring

Virole avant



PIPE TUBO	Part n° Referencia	€
1/8"	ZKAF02	1,70
1/4"	ZKAF04	1,70
5/16"	ZKAF05	*
3/8"	ZKAF06	1,79
1/2"	ZKAF08	2,89
5/8"	ZKAF10	*
1/2"	ZKAF12	*
5/8"	ZKAF16	*
6	ZKAF06M	1,70
8	ZKAF08M	1,79
10	ZKAF10M	1,88
12	ZKAF12M	2,84
14	ZKAF14M	*
15	ZKAF15M	*
16	ZKAF16M	*
18	ZKAF18M	*
20	ZKAF20M	*
22	ZKAF22M	*
25	ZKAF25M	*

Crimping fittings for
hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

TrΔle LOK

Twin Ferrule Fittings TrAle LOK

Racor Doble Anillo TrAle LOK

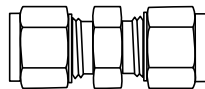
Verschraubungen für Doppelklemmring TrAle LOK

Raccords double bague TrAle LOK

Straight coupling

Racor unión recta tubo - tubo

Gerade Verschraubungen (G)



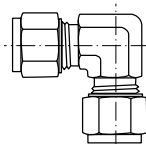
Raccord union double

PIPE TUBO	Part n° Referencia	€
1/8"	ZKI02	20,76
1/4"	ZKI04	21,50
5/16"	ZKI05	*
3/8"	ZKI06	24,43
1/2"	ZKI08	34,33
5/8"	ZKI10	*
1 1/2"	ZKI12	*
5/8"	ZKI16	*
6	ZKI06M	21,63
8	ZKI08M	23,24
10	ZKI10M	25,80
12	ZKI12M	34,10
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)



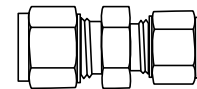
Raccord coude égal

PIPE TUBO	Part n° Referencia	€
1/8"	ZKL02	25,44
1/4"	ZKL04	25,99
5/16"	ZKL05	*
3/8"	ZKL06	30,25
1/2"	ZKL08	40,33
5/8"	ZKL10	*
1 1/2"	ZKL12	*
5/8"	ZKL16	*
6	ZKL06M	25,94
8	ZKL08M	29,01
10	ZKL10M	32,59
12	ZKL12M	39,88
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 Reduzierschraubungen (GR)



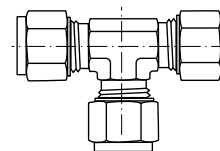
Raccord union double en réduction

PIPE TUBO	Part n° Referencia	€
1/4"	ZKI0402	*
3/8"	ZKI0604	*
1/2"	ZKI0806	*
3/4"	ZKI1208	*
1"	ZKI1612	*
8	ZKI08M06M	*
10	ZKI10M08M	*
12	ZKI12M10M	*
16	ZKI16M12M	*
18	ZKI18M12M	*
25	ZKI25M20M	*

Equal Tee

Racor unión en T tubo - tubo

T-Verschraubungen (T)



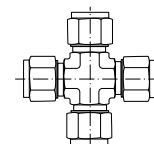
Raccord Té égal

PIPE TUBO	Part n° Referencia	€
1/8"	ZKT02	36,44
1/4"	ZKT04	37,26
5/16"	ZKT05	*
3/8"	ZKT06	43,91
1/2"	ZKT08	57,75
5/8"	ZKT10	*
1 1/2"	ZKT12	*
5/8"	ZKT16	*
6	ZKT06M	37,22
8	ZKT08M	42,63
10	ZKT10M	44,55
12	ZKT12M	57,11
14	ZKT14M	*
15	ZKT15M	*
16	ZKT16M	*
18	ZKT18M	*
20	ZKT20M	*
22	ZKT22M	*
25	ZKT25M	*

Equal cross

Racor unión en cruz tubo - tubo

Kreuz-Verschraubungen (K)



Raccord croix égale

PIPE TUBO	Part n° Referencia	€
1/8"	ZKC02	*
1/4"	ZKC04	*
5/16"	ZKC05	*
3/8"	ZKC06	*
1/2"	ZKC08	*
6	ZKC06M	*
8	ZKC08M	*
10	ZKC10M	*
12	ZKC12M	*

Twin Ferrule Fittings TrΔle LOK

Racor Doble Anillo TrΔle LOK

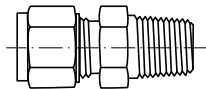
Verschraubungen für Doppelklemmring TrΔle LOK

Raccords double bague TrΔle LOK

Straight male stud coupling NPT

Racor recto rosca cónica NPT

Gerade Einschraubverschr. NPT - EVGE-NPT



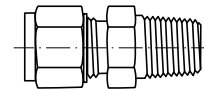
Raccord union simple mâle NPT

PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
1/8"	1/8"	ZKIMP0202	12,28
1/8"	1/4"	ZKIMP0204	12,70
1/8"	3/8"	ZKIMP0206	13,66
1/8"	1/2"	ZKIMP0208	16,50
1/4"	1/8"	ZKIMP0402	12,56
1/4"	1/4"	ZKIMP0404	13,02
1/4"	3/8"	ZKIMP0406	13,93
1/4"	1/2"	ZKIMP0408	16,78
3/8"	1/8"	ZKIMP0602	14,35
3/8"	1/4"	ZKIMP0604	14,62
3/8"	3/8"	ZKIMP0606	15,03
3/8"	1/2"	ZKIMP0608	17,37
1/2"	1/8"	ZKIMP0802	21,27
1/2"	1/4"	ZKIMP0804	21,27
1/2"	3/8"	ZKIMP0806	21,27
1/2"	1/2"	ZKIMP0808	22,37
6	1/8"	ZKIMP06M02	12,79
6	1/4"	ZKIMP06M04	12,97
6	3/8"	ZKIMP06M06	14,03
6	1/2"	ZKIMP06M08	16,64
8	1/8"	ZKIMP08M02	13,66
8	1/4"	ZKIMP08M04	13,89
8	3/8"	ZKIMP08M06	14,67
8	1/2"	ZKIMP08M08	17,97
10	1/8"	ZKIMP10M02	16,04
10	1/4"	ZKIMP10M04	16,36
10	3/8"	ZKIMP10M06	16,36
10	1/2"	ZKIMP10M08	18,79
12	1/4"	ZKIMP12M04	21,31
12	3/8"	ZKIMP12M06	21,31
12	1/2"	ZKIMP12M08	21,86

Straight male stud coupling BSPT

Racor recto rosca cónica BSPT

Gerade Einschraubverschr. BSPT kon. - EVGE-BSP
(KEG)



Raccord union simple mâle conique

PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4"	ZKIM0404	*
3/8"	1/4"	ZKIM0604	*
3/8"	3/8"	ZKIM0606	*
1/2"	1/4"	ZKIM0804	*
1/2"	3/8"	ZKIM0806	*
1/2"	1/2"	ZKIM0808	*
6	1/4"	ZKIM06M04	*
6	3/8"	ZKIM06M06	*
6	1/2"	ZKIM06M08	*
8	3/8"	ZKIM08M06	*
8	1/2"	ZKIM08M08	*
10	3/8"	ZKIM10M06	*
10	1/2"	ZKIM10M08	*
12	1/2"	ZKIM12M08	*

Crimping fittings for
hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

TrΔle LOK

Twin Ferrule Fittings TrAle LOK

Racor Doble Anillo TrAle LOK

Verschraubungen für Doppelklemmring TrAle LOK

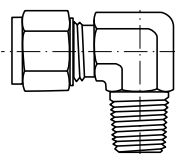
Raccords double bague TrAle LOK

Male stud elbow NPT

Racor en codo rosca cónica NPT

W-Einschraubverschr. NPT - WE-NPT kon

Raccord union coude mâle NPT



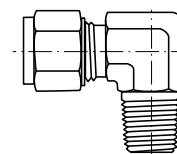
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
1/8"	1/8"	ZKLMP0202	18,52
1/8"	1/4"	ZKLMP0204	18,93
1/8"	3/8"	ZKLMP0206	20,90
1/4"	1/8"	ZKLMP0402	18,79
1/4"	1/4"	ZKLMP0404	19,20
1/4"	3/8"	ZKLMP0406	20,90
1/4"	1/2"	ZKLMP0408	25,99
3/8"	1/8"	ZKLMP0602	22,00
3/8"	1/4"	ZKLMP0604	22,00
3/8"	3/8"	ZKLMP0606	22,00
3/8"	1/2"	ZKLMP0608	27,59
1/2"	1/4"	ZKLMP0804	28,88
1/2"	3/8"	ZKLMP0806	28,88
1/2"	1/2"	ZKLMP0808	30,75
6	1/8"	ZKLMP06M02	18,79
6	1/4"	ZKLMP06M04	19,16
6	3/8"	ZKLMP06M06	20,90
6	1/2"	ZKLMP06M08	26,49
8	1/8"	ZKLMP08M02	20,76
8	1/4"	ZKLMP08M04	20,76
8	3/8"	ZKLMP08M06	21,18
8	1/2"	ZKLMP08M08	27,18
10	1/8"	ZKLMP10M02	23,88
10	1/4"	ZKLMP10M04	23,88
10	3/8"	ZKLMP10M06	23,88
10	1/2"	ZKLMP10M08	27,45
12	1/4"	ZKLMP12M04	28,69
12	3/8"	ZKLMP12M06	28,69
12	1/2"	ZKLMP12M08	30,53

Male stud elbow BSPT

Racor en codo rosca cónica BSPT

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

Raccord union coude mâle gaz conique



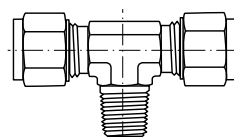
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
1/4"	1/4"	ZKLM0404	*
1/4"	3/8"	ZKLM0406	*
1/4"	1/2"	ZKLM0408	*
3/8"	3/8"	ZKLM0606	*
3/8"	3/8"	ZKLM0608	*
1/2"	1/2"	ZKLM0808	*
6	1/4"	ZKLM06M04	*
6	1/2"	ZKLM06M08	*
8	3/8"	ZKLM08M06	*
8	1/2"	ZKLM08M08	*
10	3/8"	ZKLM10M06	*
10	1/2"	ZKLM10M08	*

Male stud branch TEE NPT

Racor en Trosca cónica NPT

T-Einschraubverschr. NPT (T-NPT)

Raccord TÉ mâle NPT au centre



PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
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	*

Twin Ferrule Fittings TrΔle LOK

Racor Doble Anillo TrΔle LOK

Verschraubungen für Doppelklemmring TrΔle LOK

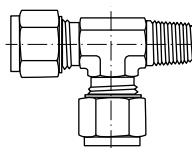
Raccords double bague TrΔle LOK

Male stud barrel TEE NPT

Racor en L rosca cónica NPT

L Einschraubverschraubung NPT

Raccord Té mâle NPT latéral Inox



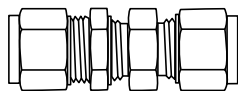
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
1/8"	1/8"	ZKTLMP0202	*
1/8"	1/4"	ZKTLMP0204	*
1/4"	1/8"	ZKTLMP0402	*
1/4"	1/4"	ZKTLMP0404	*
3/8"	1/4"	ZKTLMP0604	*
3/8"	3/8"	ZKTLMP0606	*
1/2"	3/8"	ZKTLMP0806	*
1/2"	1/2"	ZKTLMP0808	*
6	1/8"	ZKTLMP06M02	*
6	1/4"	ZKTLMP06M04	*
8	1/8"	ZKTLMP08M02	*
8	1/4"	ZKTLMP08M04	*
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



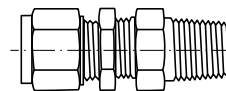
PIPE TUBO	Part n° Referencia	€
1/8"	ZKIB02	*
1/4"	ZKIB04	*
5/16"	ZKIB05	*
3/8"	ZKIB06	*
1/2"	ZKIB08	*
5/8"	ZKIB10	*
3/4"	ZKIB12	*
5/8"	ZKIB16	*
6	ZKIB06M	*
8	ZKIB08M	*
10	ZKIB10M	*
12	ZKIB12M	*
15	ZKIB15M	*
16	ZKIB16M	*
18	ZKIB18M	*
20	ZKIB20M	*
25	ZKIB25M	*

Straight bulkhead coupling- NPT

Racor recto - NPT pasatabique con tuerca

Gerade Schottkupplung - NPT

Raccord droit union double passe cloison avec écrou - NPT



PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
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	*
5/8"	1"	ZKIBP1616	*
6	1/8"	ZKIBP06M02	*
8	1/4"	ZKIBP08M04	*
10	3/8"	ZKIBP10M06	*
12	1/2"	ZKIBP12M08	*

Crimping fittings for hoses

Pipe fittings

Pipe fittings II

Adaptors

Welding fittings

Industrial fittings

Accessories

Control components

Flow measuring

TrΔle LOK

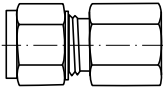
Twin Ferrule Fittings TrΔle LOK

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 gaz

PIPE TUBO	THREAD ROSCA	Part nº Referencia	€
1/8"	1/8"	ZKIHP0202	13,70
1/8"	1/4"	ZKIHP0204	15,03
1/8"	3/8"	ZKIHP0206	16,59
1/8"	1/2"	ZKIHP0208	19,16
1/4"	1/8"	ZKIHP0402	14,48
1/4"	1/4"	ZKIHP0404	15,86
1/4"	1/4"	ZKIHP0406	16,87
1/4"	3/8"	ZKIHP0408	20,35
3/8"	1/2"	ZKIHP0602	15,86
3/8"	1/4"	ZKIHP0604	16,96
3/8"	3/8"	ZKIHP0606	18,24
3/8"	1/2"	ZKIHP0608	21,82
1/2"	1/2"	ZKIHP0802	21,18
1/2"	1/4"	ZKIHP0804	21,18
1/2"	3/8"	ZKIHP0806	21,91
1/2"	1/2"	ZKIHP0808	25,53
5/8"	1/2"	ZKIHP1008	*
3/4"	3/4"	ZKIHP1212	*
5/8"	1"	ZKIHP1616	*
6	1/8"	ZKIHP06M02	14,35
6	1/4"	ZKIHP06M04	15,77
6	3/8"	ZKIHP06M06	16,82
6	1/2"	ZKIHP06M08	20,81
8	1/4"	ZKIHP08M04	16,50
8	3/8"	ZKIHP08M06	17,51
8	1/2"	ZKIHP08M08	21,22
5/8"	1/4"	ZKIHP10M04	17,33
5/8"	3/8"	ZKIHP10M06	18,43
5/8"	1/2"	ZKIHP10M08	22,05
12	1/4"	ZKIHP12M04	21,54
12	3/8"	ZKIHP12M06	21,54
12	1/2"	ZKIHP12M08	25,12
16	1/2"	ZKIHP16M08	*
20	3/4"	ZKIHP20M12	*
22	3/4"	ZKIHP22M12	*
25	1"	ZKIHP25M16	*

Twin Ferrule Fittings TrΔle LOK

Racor Doble Anillo TrΔle LOK

Verschraubungen für Doppelklemmring TrΔle LOK

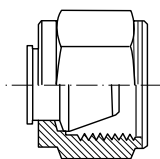
Raccords double bague TrΔle LOK

UNF plug closure

Tapón de cierre hembra UNF

UNF Verschlusskappe

Casquette de fermeture femme UNF



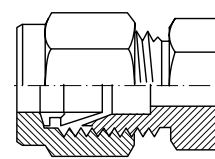
PIPE TUBO	Part n° Referencia	€
1/8"	ZKOH02	*
1/4"	ZKOH04	*
5/16"	ZKOH05	*
3/8"	ZKOH06	*
1/2"	ZKOH08	*
5/8"	ZKOH10	*
1/2"	ZKOH12	*
5/8"	ZKOH16	*
6	ZKOH06M	*
8	ZKOH08M	*
10	ZKOH10M	*
12	ZKOH12M	*
14	ZKOH14M	*
15	ZKOH15M	*
16	ZKOH16M	*
18	ZKOH18M	*
20	ZKOH20M	*
22	ZKOH22M	*
25	ZKOH25M	*

UNF cap hexagon

Tapón hexagonal macho UNF

UNF-Sechskantstecker

Fiche mâle hexagonale UNF



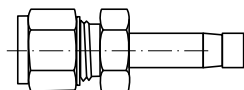
PIPE TUBO	Part n° Referencia	€
1/8"	ZKOM02	*
1/4"	ZKOM04	*
5/16"	ZKOM05	*
3/8"	ZKOM06	*
1/2"	ZKOM08	*
5/8"	ZKOM10	*
1/2"	ZKOM12	*
5/8"	ZKOM16	*
6	ZKOM06M	*
8	ZKOM08M	*
10	ZKOM10M	*
12	ZKOM12M	*
14	ZKOM14M	*
15	ZKOM15M	*
16	ZKOM16M	*
18	ZKOM18M	*
20	ZKOM20M	*
22	ZKOM22M	*
25	ZKOM25M	*

Tube end reducer

Racor de Reducción tubo

Portreduzierer

Réducteur de port



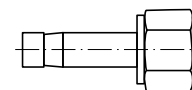
PIPE TUBO	PIPE TUBO	Part n° Referencia	€
1/4"	1/8"	ZKIA0402	*
3/8"	1/4"	ZKIA0604	*
1/2"	3/8"	ZKIA0806	*
3/4"	1/2"	ZKIA1208	*
8	6	ZKIA08M06M	*
10	8	ZKIA10M08M	*
12	10	ZKIA12M10M	*
16	12	ZKIA16M12M	*

Female NPT adaptor

Adaptador hembra NPT

NPT-Adapterbuchse

Adaptateur NPT femelle



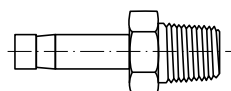
PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
1/8"	1/8"	ZKIAHP0202	*
1/4"	1/4"	ZKIAHP0404	*
3/8"	3/8"	ZKIAHP0606	*
1/2"	1/2"	ZKIAHP0808	*
6	1/8"	ZKIAHP06M02	*
8	1/4"	ZKIAHP08M04	*
10	3/8"	ZKIAHP10M06	*
12	1/2"	ZKIAHP12M08	*

Male NPT adaptor

Adaptador macho NPT

NPT-Steckeradapter

Adaptateur NPT mâle



PIPE TUBO	THREAD ROSCA	Part n° Referencia	€
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	3/8"	ZKIAMP10M06	*
12	1/2"	ZKIAMP12M08	*

Conexión libre de fugas incluso en
los entornos más agresivos

TRALE® LOK SERIES

Excellent tight sealing and tube-gripping action



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 Específicas de Compra del Comprador, anularán 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 accuse 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.

TRABAJO 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 constructions. 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.

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

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 periodo de tiempo que dure la causa que haya motivado el retraso. Sin embargo, si el periodo 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

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 DICSА 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, DICSА 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 DICSА 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 DICSА's previous assent. All the other rights on the software and the documentation including the copies, they belong to DICSА 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 DICSА and the Customer shall be exclusively governed by Spanish laws. The exclusive jurisdiction on any dispute between the DICSА and the Customer shall be the courts of DICSА's domicile. Nevertheless, DICSА 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 DICSА, 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 acarreo, 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 DICSА 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, DICSА 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 DICSА 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 DICSА. Todos los demás derechos sobre el software y la documentación incluyendo las copias, corresponden a DICSА o al proveedor del software. No se admite la concesión de sublicencias.

DERECHO APLICABLE Y JURISDICCIÓN

Las relaciones jurídicas entre DICSА y el comprador están sujetas al derecho Español. El tribunal competente será el del domicilio de DICSА. Sin embargo, DICSА podrá optar por interponer las acciones legales correspondientes en el domicilio del comprador.

SOLICITE NUESTRAS **TARIFAS GENERALES** DE PRECIOS



Conducciones Hidráulicas y Neumáticas
Hydraulic and Pneumatic Connectors



Componentes Hidráulicos y Neumáticos
Hydraulic and Pneumatic Components

PLEASE,
ASK FOR OUR
GENERAL PRICE LISTS



info@dicsaes.com
www.dicsaes.com

DISTRIBUIDORA INTERNACIONAL CARMEN, S.A.U

Polígono Industrial Alcalde Caballero
C/ Virgen del Buen Acuerdo, s/nº. 50014 Zaragoza (Spain)
Tel. +34 976 46 10 46
Fax +34 976 46 41 04

DICSA ITALIA SRL

Via Emilia Ovest 1179/c
41123 Modena (Italia)
Tel. +39 059 820 179
Fax +39 059 336 52 59
italia@dicsaes.com

DICSA AMERICA LLC

875 NE 191 STR.
STE 302 Aventura. FL 33180
Tel. 786-358-6662
Skype: america.dicsa
Whatsapp: +34 617548815
america@dicsaes.com

DICSA DEUTSCHLAND

Logististihsentrum GmSH
Thomas Dachser Str. 1 ·
76316 Malsch (Alemania)
Tel. +49 322 21098 096
Fax +34 976 464 104
export@dicsaes.com

DICSA LATAM

Tel. +34 976 464 106
Fax +34 976 464 104
america@dicsaes.com

DICSA SHANGHAI

Tel. +34 976 464 106
Fax +34 976 464 104
export@dicsaes.com

DICSA TÜRKIYE

Tel. +90 533 080 67 08
turkiye@dicsaes.com

