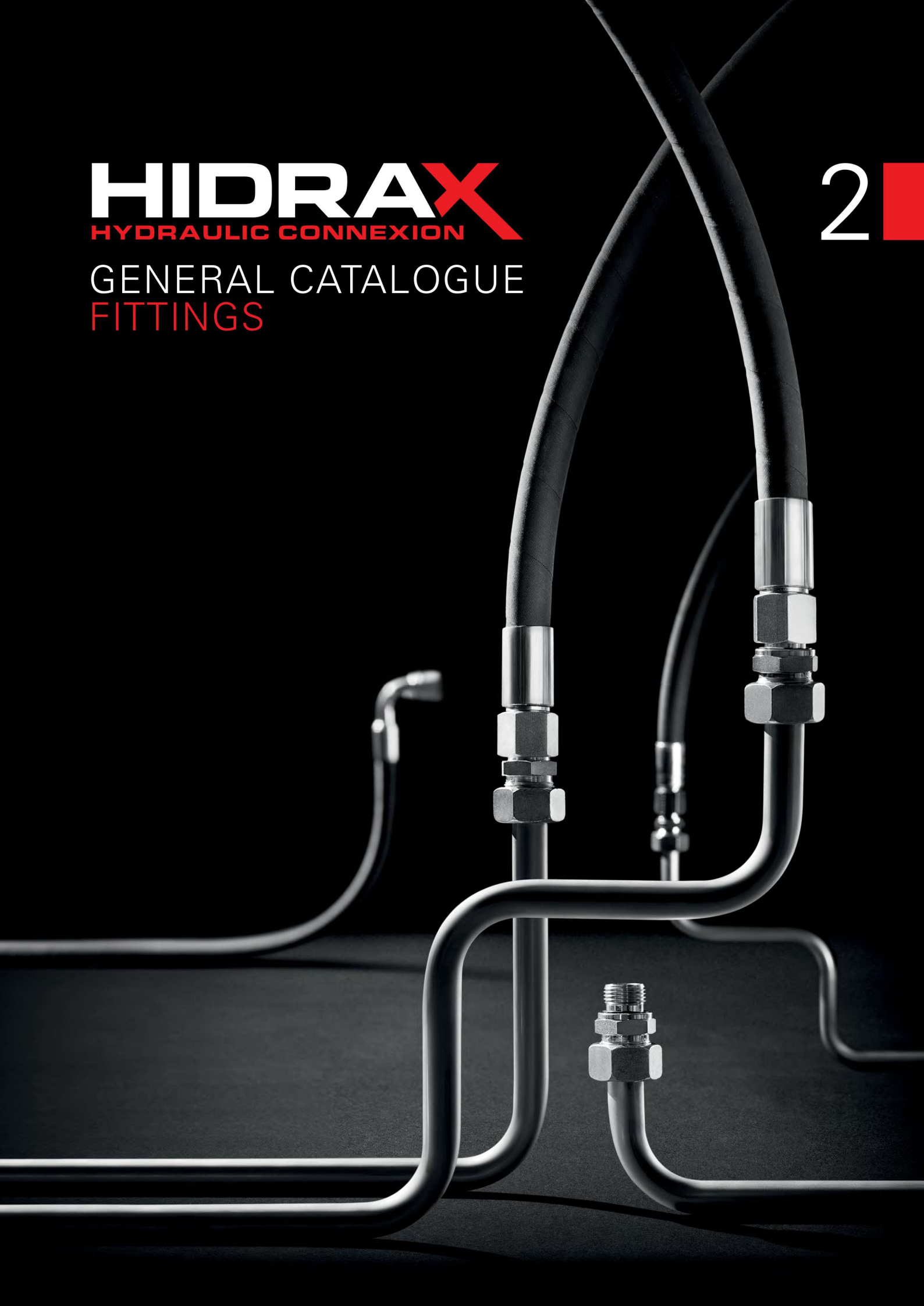


HIDRAX
HYDRAULIC CONNEXION

GENERAL CATALOGUE
FITTINGS

2



HIDRAX
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BSP SV60°

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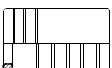
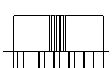
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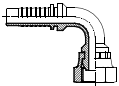
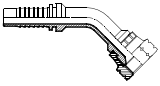
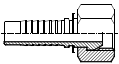
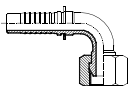
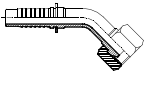
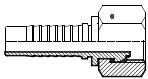
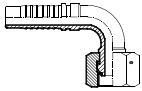
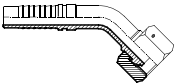
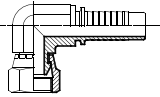
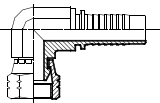
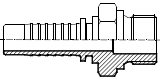
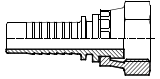
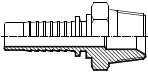
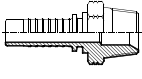
SAE J514 JIC

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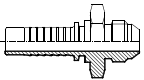
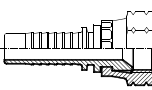
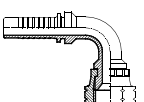
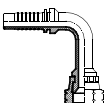
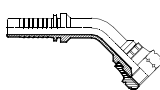
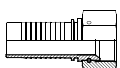
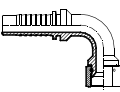
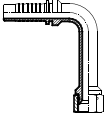
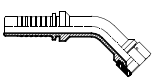
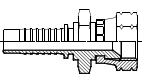
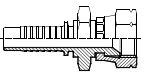
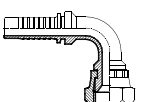
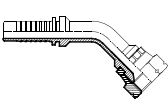
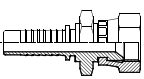
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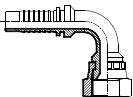
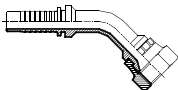
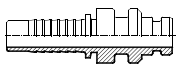
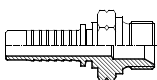
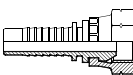
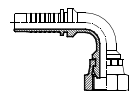
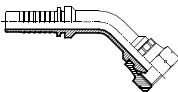
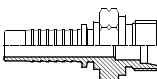
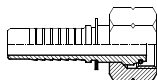
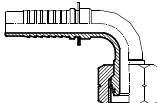
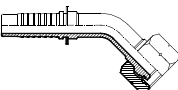
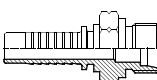
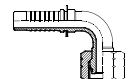
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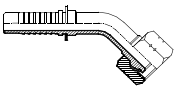
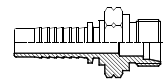
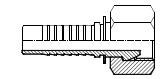
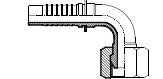
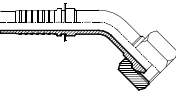
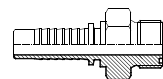
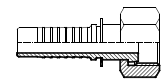
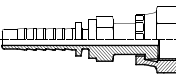
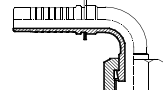
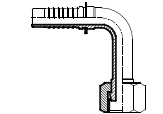
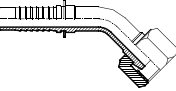
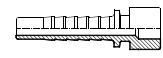
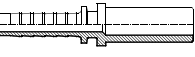
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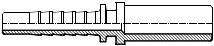
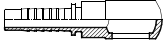
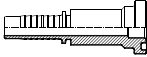
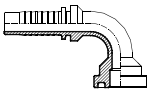
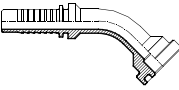
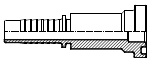
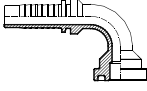
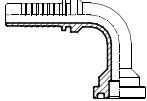
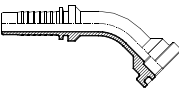
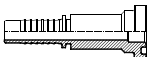
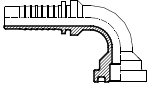
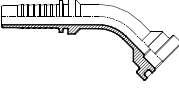
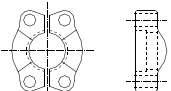
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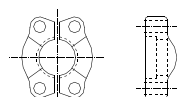
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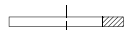
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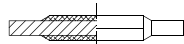
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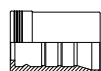
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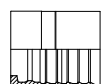
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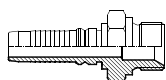
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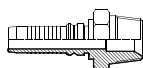
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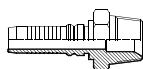
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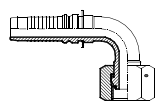
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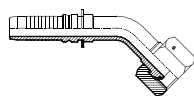
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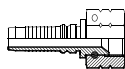
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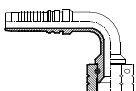
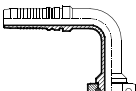
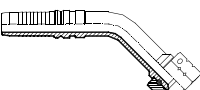
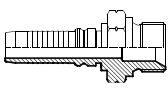
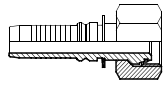
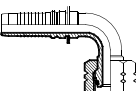
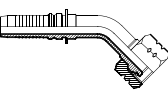
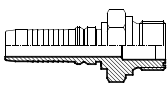
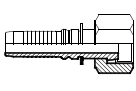
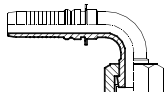
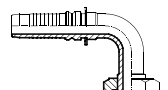
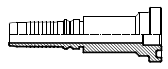
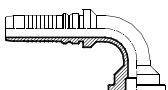
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JIC straight Female 74° cone (thrust-wire nut)

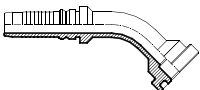
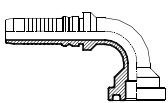
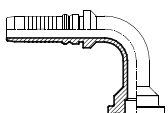
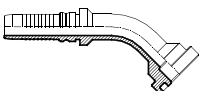
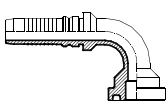
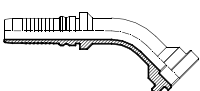
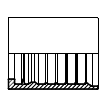
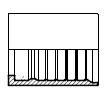
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DKJ 74° (UNF) + gestiftete Überwurfmutter
Hembra recta JIC asiento 74° (tuerca con seguro)

KFDJ

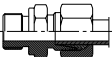
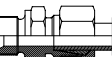
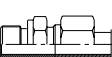
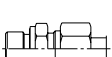
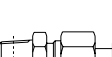
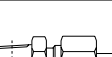
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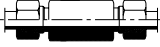
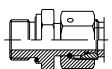
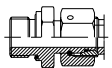
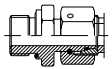
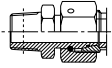
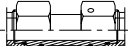
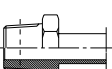
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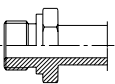
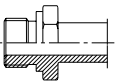
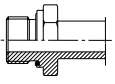
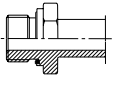
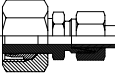
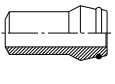
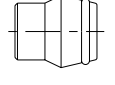
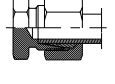
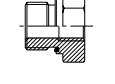
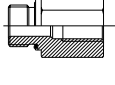
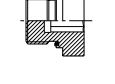
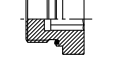
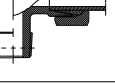
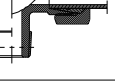
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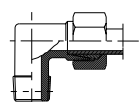
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Stud elbow

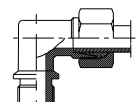
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Gomito 90° Maschio DIN – Maschio Gas cilindrico forma B DIN 3852

Stud elbow form B DIN 3852

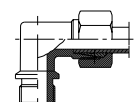
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Winkel-Einschraubverschraubung 90° Form B DIN 3852 – 24° metrisch / AGR-Z

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Gomito 90° Maschio DIN – Maschio metrico forma B DIN 3852

Stud elbow form B DIN 3852

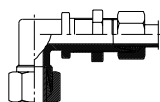
Coude mâle forme B DIN 3852

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Racor en codo forma B DIN 3852

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Gomito passaparete Maschio DIN – Maschio DIN

Bulkhead elbow

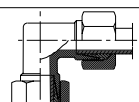
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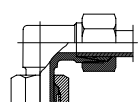
Coude égal

Winkel-Verschraubung 90° – 24° metrisch / 24° metrisch

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Gomito 90° Maschio DIN – Tubo DIN

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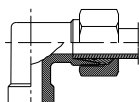
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Gomito 90° Maschio DIN – estremità a saldare

Welding male elbow

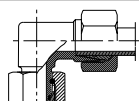
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Gomito 90° Maschio DIN – Femmina girevole DIN

Angular rotary fitting with O-ring seal

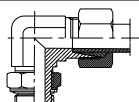
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Gomito 90° Maschio DIN – Maschio Gas cilindrico orientabile

Angular rotary fitting with bulkhead nut

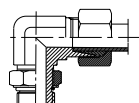
Coude orientable avec contre écrou

Einstellbare Winkelverschraubung 90° mit Kontermutter – 24° metrisch / AGR-Z

Racor orientable, codo con contratuercas

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Gomito 90° Maschio DIN – Maschio UNF orientabile

Angular rotary fitting with bulkhead nut

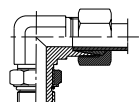
Coude orientable avec contre écrou

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Angular rotary fitting with bulkhead nut

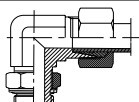
Coude orientable avec contre écrou

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Gomito 90° Maschio DIN – Maschio metrico orientabile con rondella tenuta O-ring

Angular rotary fitting with bulkhead nut – O-ring seal ring

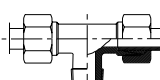
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Adattatore T Maschio DIN – Maschio Gas conico al piede

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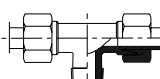
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Stud branch tee

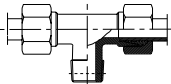
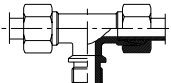
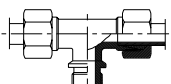
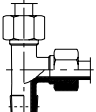
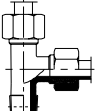
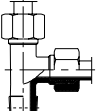
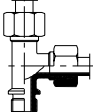
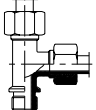
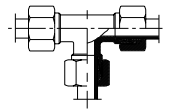
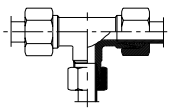
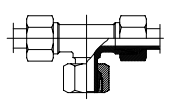
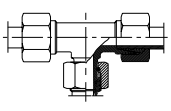
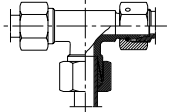
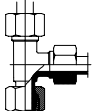
Té mâle

T-Einschraubverschraubung – 2 x DIN 24° / AGN unten

Racor en T

TME..LSMN..P

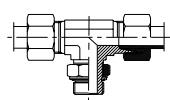
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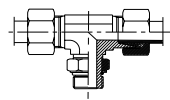
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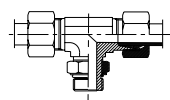
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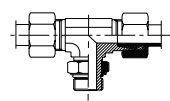
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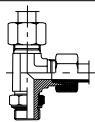
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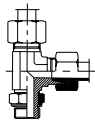
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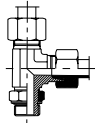
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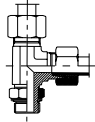
Adattatore T Maschio DIN – Maschio UNF orientabile al braccio
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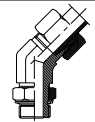
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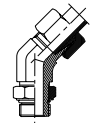
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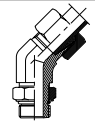
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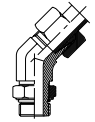
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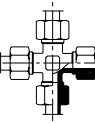
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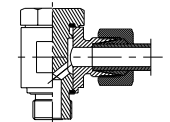
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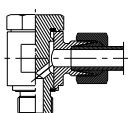
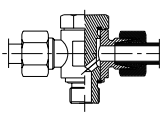
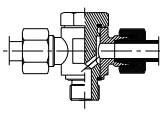
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 Racor union en cruz tubo – tubo

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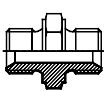
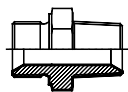
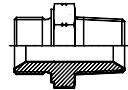
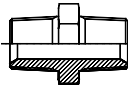
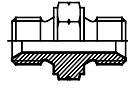
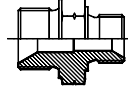
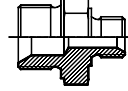
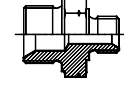
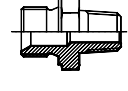


Gomito 90° orientabile Maschio DIN – bullone forato Gas cilindrico
Banjo
 Equerre orientable articulée
 Drosselfreie Schwenkverschraubung 90° – DIN 24° mit Hohlsschraube AGR-Z
 Racor en codo orientable sin estrangulación

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	Adattatore diritto – Maschio Gas cilindrico – Maschio NPT Adaptor male BSPP – male NPT Adaptateur mâle BSPP – mâle NPT Verbinder – AG-zöllig / AG-NPT Adaptador macho BSPP – macho NPT	ANGNPT	pag. 298
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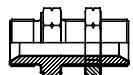
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Passe-cloison BSPP
Schottadapter – AG-zöllig / AG-zöllig
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Metric straight bulkhead adaptor

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Adaptateur mâle BSPP – femelle tournante BSPP
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Adaptateur mâle BSPP – femelle tournante BSPP
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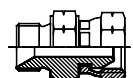
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Adaptor swivel female BSPP – swivel female BSPP

Adaptateur tournante BSPP – femelle tournante BSPP
Verbinder – DKR / DKR
Adaptador hembra giratoria BSPP – hembra giratoria BSPP

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Adattatore diritto – Maschio metrico – Femmina girevole metrica

Adaptor male metric – metric swivel female

Adaptateur male métrique – femelle tournante métrique
Adapter – AGM / DKM
Adaptador macho métrico – hembra giratoria métrica

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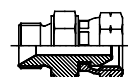
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Adaptor metric swivel female – metric swivel female

Adaptateur femelle tournante métrique – femelle tournante métrique
Verbinder – DKM / DKM
Adaptador hembra giratoria métrica – hembra giratoria métrica

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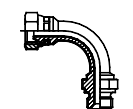
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Adaptor male BSPP – metric swivel female

Adaptateur mâle BSPP – femelle tournante métrique
Verbinder – AGR-Z / DKM
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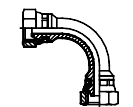
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90° Adaptor male BSPP – swivel female BSPP

Adaptateur coude 90° mâle BSPP – femelle tournante BSPP
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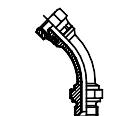
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90° Adaptor swivel female BSPP – swivel female BSPP

Adaptateur coude 90° femelle tournante BSPP – femelle tournante BSPP
Verbinder 90° – DKR / DKR
Codo 90° hembra giratoria BSPP – hembra giratoria BSPP

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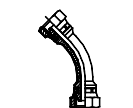
Adattatore a 45° – Maschio Gas cilindrico – Femmina girevole Gas cilindrica

45° Adaptor male BSPP – swivel female BSPP

Adaptateur coude 45° mâle BSPP – femelle tournante BSPP
Adapter 45° – DKR / AGR-Z
Codo 45° macho BSPP – hembra giratoria BSPP

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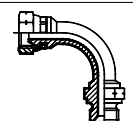
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45° Adaptor swivel female BSPP – swivel female BSPP

Adaptateur coude 45° femelle tournante BSPP – femelle tournante BSPP
Verbinder 45° – DKR / DKR
Codo 45° hembra giratoria BSPP – hembra giratoria BSPP

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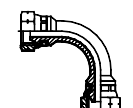
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90° Adaptor metric male – metric swivel female

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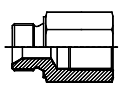
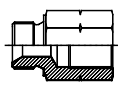
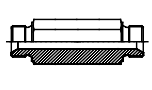
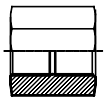
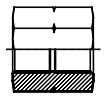
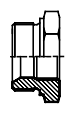
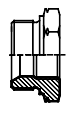
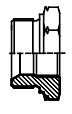
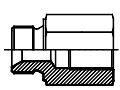
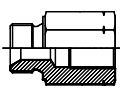
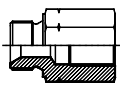
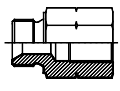
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90° Adaptor metric swivel female – metric swivel female

Adaptateur coude 90° femelle tournante métrique – femelle tournante métrique
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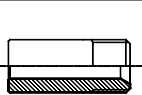
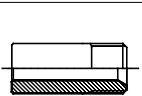
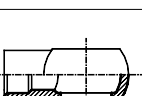
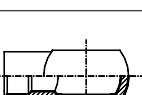
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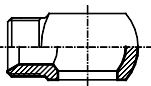
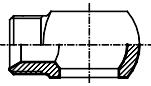
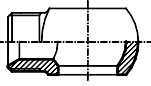
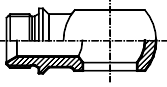
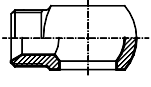
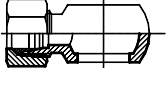
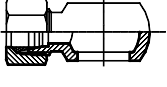
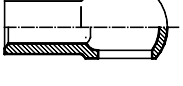
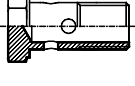
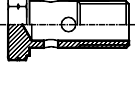
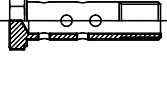
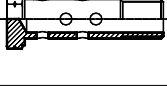
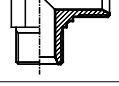
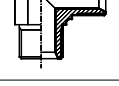
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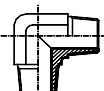
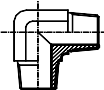
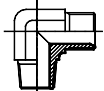
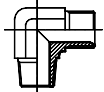
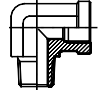
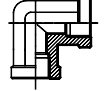
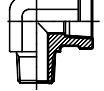
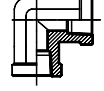
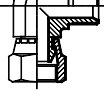
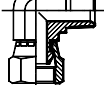
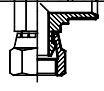
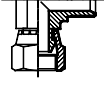
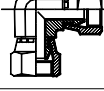
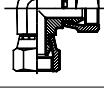
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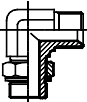
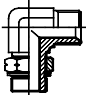
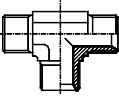
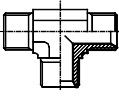
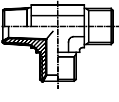
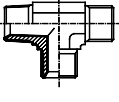
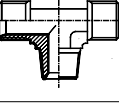
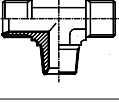
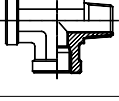
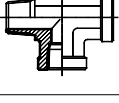
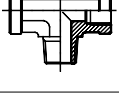
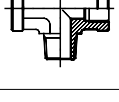
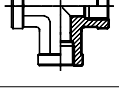
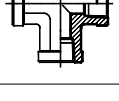
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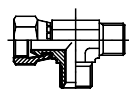
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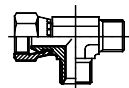
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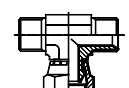
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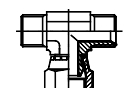
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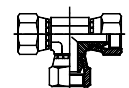
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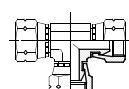
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TFGG

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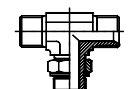
Adattatore "T" Femmina girevole metrica

Tee metric Female

Adaptateur Té femelle tournante métrique
Adapter T-Stück 3 x DKM 60°
Adaptador Te hembra giratoria métrica

TFGM

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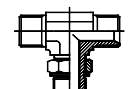
Adattatore "T" Maschio Gas cilindrico – Maschio Gas cilindrico orientabile al piede

Adjustable Tee Adaptor Male BSPP – Male BSPP

Adaptateur Té orientable mâle BSPP – mâle BSPP
Drehadapter T-Stück 2 x AGR-Z / 1 x AGR-Z-V (Fuß)
Adaptador Te orientable macho BSPP – macho BSPP

TMG..MOG..P

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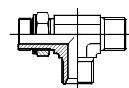
Adattatore "T" Maschio metrico – Maschio metrico orientabile al piede

Adjustable Tee Adaptor metric male – adjustable metric male

Adaptateur Té orientable mâle métrique – mâle métrique
Drehadapter T-Stück 2 x AGM-Z / 1 x AGM-Z-V (Fuß)
Adaptador Te orientable macho métrico – macho métrico orientable

TMM..MOMR.P

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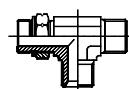
Adattatore "T" Maschio Gas cilindrico – Maschio Gas cilindrico orientabile al braccio

Adjustable Tee Adaptor male BSPP – male BSPP

Adaptateur Té orientable mâle BSPP – mâle BSPP
Drehadapter T-Stück 2 x AGR-Z / 1 x AGR-Z-V (Arm)
Adaptador Te orientable macho BSPP – macho BSPP

TMG..MOG.B

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Adattatore "T" Maschio metrico – Maschio metrico orientabile al braccio

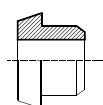
Adjustable Tee Adaptor metric male – metric male

Adaptateur Té mâle métrique – mâle métrique orientable
Drehadapter T-Stück 2 x AGM-Z / 1 x AGM-Z-V (Arm)
Adaptador Te orientable macho métrico - macho métrico

TMM..MOMR.B

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ORFS J1453



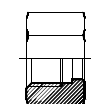
Boccola per tubo svasato

Bush

Manchon
Büchse für Hydraulikrohr
Casquillo

ABO

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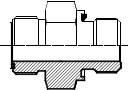
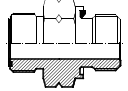
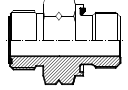
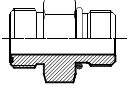
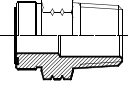
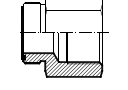
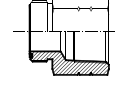
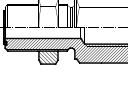
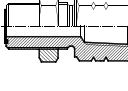
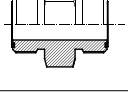
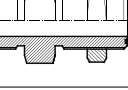
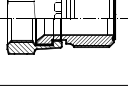
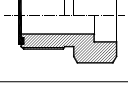
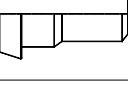
Dado di serraggio

ORFS Nut

Écrou ORFS
ORFS-Mutter
Tuerca ORFS

DBO

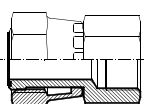
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	Adattatore diritto – Maschio ORFS – Maschio Gas cilindrico forma E Adaptor male ORFS – male BSPP form E Adaptateur mâle ORFS – mâle BSPP forme E Adapter AG-ORFS / AG-zöllig Form E Adaptador macho ORFS – macho BSPP forma E	AMO..MG..R	pag. 410 - 411
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	Adattatore diritto – Maschio ORFS – Maschio metrico con O-Ringing 90° Adaptor metric male – metric swivel female Adaptateur coude 90° mâle métrique – femelle tournante métrique Adapter AG-ORFS / AG-metrisch mit O-Ring Codo 90° macho métrico – hembra giratoria métrica	AMO..MM	pag. 414
	Adattatore diritto – Maschio ORFS – Maschio UNF Adaptor male ORFS – male UNF Adaptateur mâle ORFS – mâle UNF Adapter AG-ORFS / AG-UNF Adaptador macho ORFS – macho UNF	AMO..MU	pag. 415 - 416
	Adattatore diritto – Maschio ORFS – Maschio NPT Adaptor male ORFS – male NPT Adaptateur mâle ORFS – mâle NPT Adapter AG-ORFS / AG-NPT Adaptador macho ORFS – macho NPT	AMO..MN	pag. 417
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	Adattatore diritto – Maschio ORFS – Femmina fissa NPT Adaptor male ORFS – fixed female NPT Adaptateur mâle ORFS – femelle fixe NPT Adapter AG-ORFS / IG-NPT Adaptador macho ORFS – hembra fija NPT	AMO..FFN	pag. 419
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	Adattatore passaparete – Maschio ORFS – Femmina NPT Straight bulkhead adaptor male ORFS – female NPT Passe-cloison mâle ORFS – femelle NPT Schottadapter AG-ORFS / IG-NPT Pasatabique macho ORFS – hembra NPT	APPMO..FFN	pag. 421
	Adattatore diritto – Maschio ORFS – Maschio ORFS Adaptor male ORFS – male ORFS Adaptateur mâle ORFS – mâle ORFS Adapter AG-ORFS / AG-ORFS Adaptador macho ORFS – macho ORFS	AMO	pag. 422
	Adattatore passaparete – Maschio ORFS Straight bulkhead adaptor male ORFS Passe-cloison mâle ORFS Schottadapter AG-ORFS Pasatabique macho ORFS	APPMO	pag. 423
	Riduzione diritta – Femmina girevole ORFS – Maschio ORFS Adaptor swivel female ORFS- male ORFS Adaptateur femelle tournante ORFS – mâle ORFS Reduzierung IG-ORFS / AG-ORFS Adaptador hembra giratoria ORFS - macho ORFS	AFGO..MO	pag. 424 - 425
	Adattatore diritto a saldare – Maschio ORFS con tasca Welding adaptor male ORFS Adaptateur à souder ORFS Schweißverbindung für Hydraulikrohre mit vergrößertem Lochansatz – AG-ORFS Adaptador macho soldable ORFS	AMNO..T	pag. 426 - 428
	Codola a saldare Welding union Embout à souder Schweißverbindung für Hydraulikrohre Empalme soldable	TO..W	pag. 429

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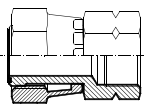


Presca di pressione con dado girevole ORFS – Femmina BSPP

ORFS swivel nut – BSPP female
Écrou tournante ORFS – femelle BSPP
ORFS drehbare Mutter / IG-BSPP-Z
Tuerca ORFS – hembra BSPP

AFGO..FFG

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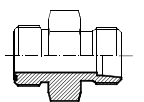


Adattatore diritto – Maschio JIC – Femmina metrica

ORFS swivel nut – Metric female
Écrou tournante ORFS – femelle métrique
ORFS drehbare Mutter / IG-metrisch-Z
Tuerca giratoria ORFS – hembra métrica

AFGO..FFM

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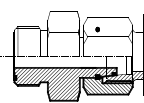


Adattatore diritto – Maschio ORFS – Maschio DIN

Adaptor male ORFS – male DIN
Adaptateur mâle ORFS – mâle DIN
Adapter AG-ORFS / AG-DIN 24°
Adaptador macho ORFS – macho DIN

AMO..ME.L/S

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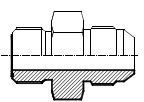


Adattatore diritto – Maschio ORFS – Femmina DIN dado spinato

Adaptor male ORFS – female DIN (thrust-wire nut)
Adaptateur mâle ORFS – femelle DIN (écrou à jonc)
Adapter AG-ORFS / IG-DIN 24° (gestiftete Überwurfmutter)
Adaptador macho ORFS – hembra DIN (tuerca con seguro)

AMO..FE.L/S

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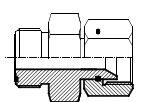


Adattatore diritto – Maschio ORFS – Maschio JIC

Adaptor male ORFS – male JIC
Adaptateur mâle ORFS – mâle JIC
Adapter AG-ORFS / AG-JIC 74°
Adaptador macho ORFS – macho JIC

AMO..MJ

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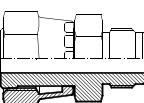


Adattatore diritto – Maschio ORFS – Femmina JIC

Adaptor male ORFS – female JIC
Adaptateur mâle ORFS – femelle JIC
Adapter AG-ORFS / IG-JIC 74° (x: gestiftet / y: gepresst)
Adaptador macho ORFS – hembra JIC

AMO..FGJ

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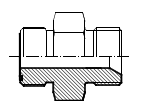


Adattatore diritto – Femmina ORFS dado pesante – Maschio JIC

Adaptor female ORFS – male JIC
Adaptateur femelle ORFS – mâle JIC
Adapter IG-ORFS / AG-JIC 74°
Adaptador hembra ORFS – macho JIC

AFGO..MJ

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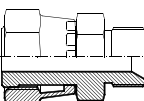


Adattatore diritto – Maschio ORFS – Maschio BSPP

Adaptor male ORFS – male BSPP
Adaptateur mâle ORFS – mâle BSPP
Adapter AG-ORFS / AGR-Z BSPP mit 60° Konus
Adaptador macho ORFS – macho BSPP

AMO..MG..SV

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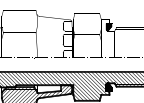


Adattatore diritto – Femmina ORFS dado pressato – Maschio BSPP

Adaptor female ORFS – male BSPP with 60° cone
Adaptateur mâle ORFS – mâle BSPP avec cône 60°
Adapter IG-ORFS / AGR-Z BSPP mit 60° Konus
Adaptador hembra ORFS – macho BSPP con cono 60°

AFGO..MG..SV

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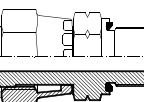


Adattatore diritto – Femmina ORFS dado pressato – Maschio BSPP Forma E

Adaptor female ORFS – male BSPP form E
Adaptateur femelle ORFS – mâle BSPP forme E
Adapter IG-ORFS / AGR-Z BSPP Form E
Adaptador hembra ORFS – macho BSPP forma E

AFGO..MG..R

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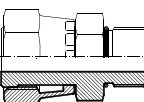


Adattatore diritto – Femmina ORFS dado pressato – Maschio metrico Forma E

Adaptor female ORFS – male metric form E
Adaptateur femelle ORFS – mâle métrique forme E
Adapter IG-ORFS / AGM-Z metrisch Form E
Adaptador hembra ORFS – macho métrico forma E

AFGO..MM..R

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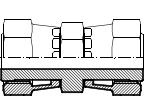


Adattatore diritto – Femmina ORFS dado pressato – Maschio UNF

Adaptor female ORFS – male UNF
Adaptateur femelle ORFS – mâle UNF
Adapter IG-ORFS / AG-UNF
Adaptador hembra ORFS – macho UNF

AFGO..MU

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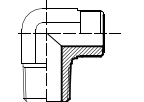


Adattatore diritto – Femmina ORFS – Femina ORFS

Adaptor female ORFS – female ORFS
Adaptateur femelle ORFS – femelle ORFS
Adapter IG-ORFS / IG-ORFS
Adaptador hembra ORFS – hembra ORFS

AFGO

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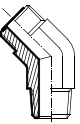
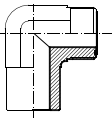
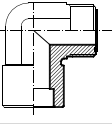
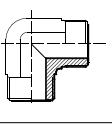
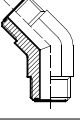
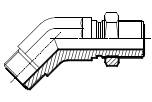
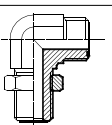
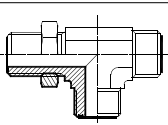
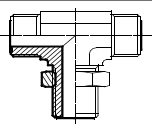
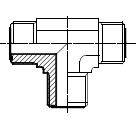
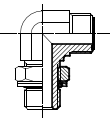
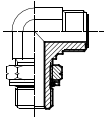
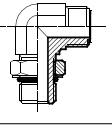
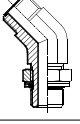


Gomito 90° – Maschio JIC – Maschio NPT

90° Adaptor male ORFS – male NPT
Adaptateur coude 90° mâle ORFS – mâle NPT
Adapter 90° GSK AG-ORFS / AG-NPT
Codo 90° macho ORFS – macho NPT

LMO..MN

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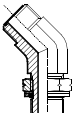
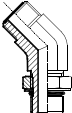
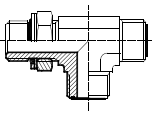
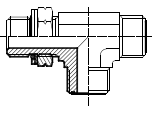
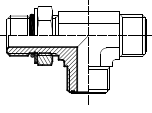
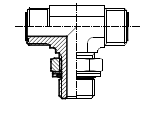
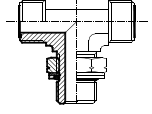
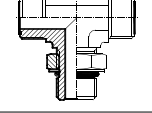
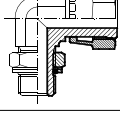
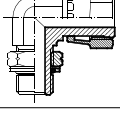
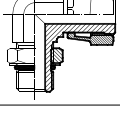
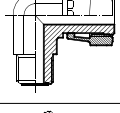
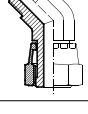
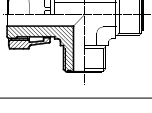
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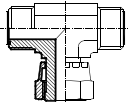
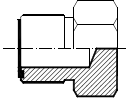
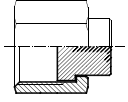
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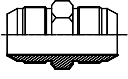
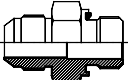
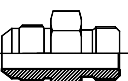
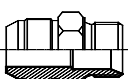
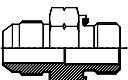
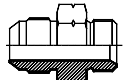
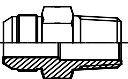
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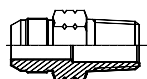
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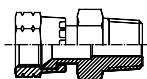
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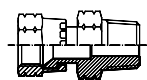
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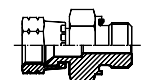
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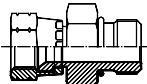
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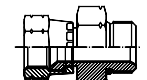
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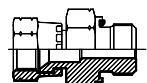
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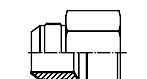
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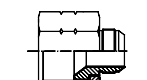
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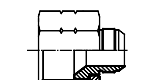
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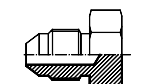
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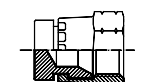
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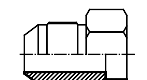
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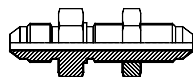
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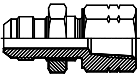
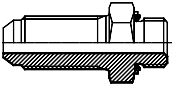
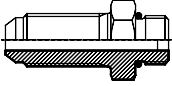
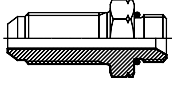
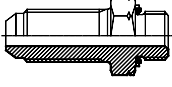
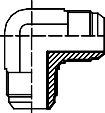
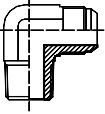
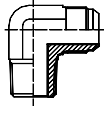
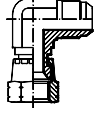
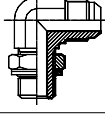
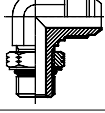
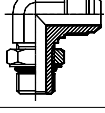
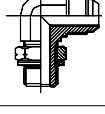
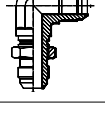
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Straight bulkhead adaptor male JIC – male JIC

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Schottadapter – AG-JIC / AG-JIC
Pasatabiques macho JIC – macho JIC

APPMJ

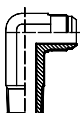
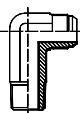
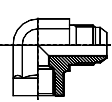
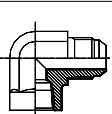
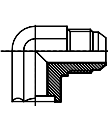
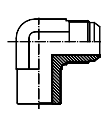
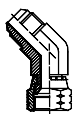
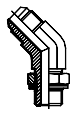
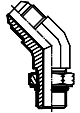
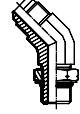
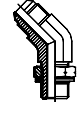
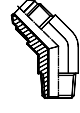
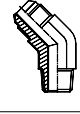
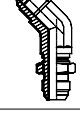
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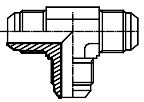
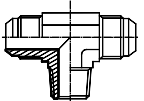
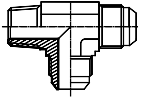
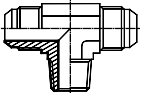
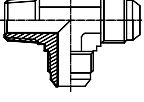
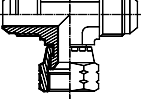
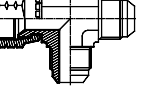
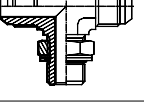
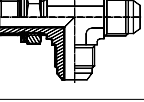
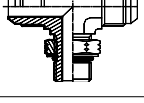
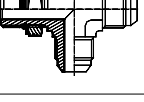
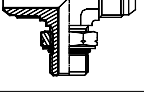
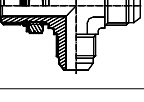
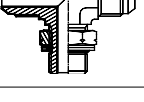
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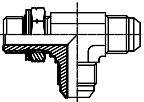
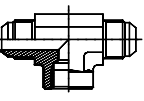
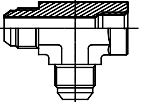
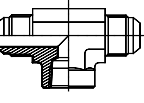
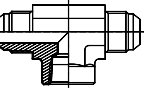
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ISO 12151 – SAE J516

Raccordi a pressare / Press fittings / Raccords à sertir / Pressarmaturen / Racores prensables

Gamma completa di raccordi a pressare per tubi flessibili per oleodinamica conformi alle norme ISO 12151 e SAE J516. Tutti gli articoli sono realizzati in acciaio automatico (11SMnPb37) e successivamente, se previsto, trattati termicamente e protetti con processo elettrolitico. Disponibili nelle serie STANDARD e INTERLOCK.

Complete range of press fittings for flexible hydraulic hoses, according to ISO 12151 SAE J516 standards. All the items are made of free-cutting steel (11SMnPb37) and heat treated and protected with electroplating process – if provided. Available in their STANDARD and INTERLOCK series.

Gamme complète de raccords à sertir pour tuyaux hydrauliques conformes aux normes ISO 12151 e SAE J516. Tous les articles sont réalisés en acier automatique (11SMnPb37) et par après si prévu et protégé par un traitement électrolytique. Disponible dans les séries STANDARD et INTERLOCK.

Umfassende Palette an Pressfittinge für öldynamische Schlauchleitungen, die mit den Normen ISO 12151 und SAE J516 konform sind. Alle Artikel wurden aus Automatenstahl (11SMnPb37) hergestellt und anschließend, sofern vorgesehen, thermisch behandelt und durch einen elektrolitischen Vorgang geschützt. In den Serien STANDARD und INTERLOCK verfügbar.

Gama completa de empalmes a prensar para tubos flexibles para oleodinámica conformes a las normas ISO 12151 y SAE J516. Todos los artículos se realizan en acero automático (11SMnPb37) y, si está previsto, se tratan térmicamente y se protegen con un proceso electrolítico. Disponibles en las series STANDARD e INTERLOCK.

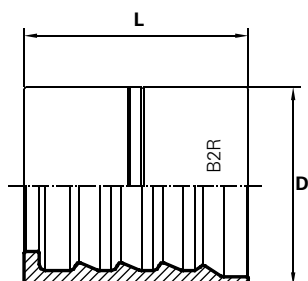
HIDRAX
HYDRAULIC CONNEXION



Boccola per tubo 2ST – pelatura esterna (skive)

Ferrule for 2ST

Jupe pour 2ST / Presshülse 2ST (schälen) / Casquillo para 2ST

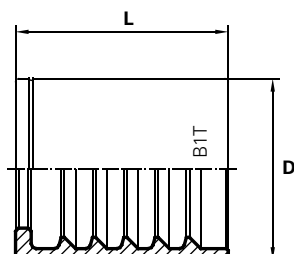


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	D	L
B2R03	5	3/16"	03	20	27
B2R04	6	1/4"	04	22	30
B2R05	8	5/16"	05	24	30
B2R06	10	3/8"	06	26	32
B2R08	12	1/2"	08	30	34
B2R10	16	5/8"	10	34	37
B2R12	20	3/4"	12	38	43
B2R16	25	1"	16	46	50
B2R20	32	1.1/4"	20	56	59
B2R24	40	1.1/2"	24	62	63
B2R32	50	2"	32	75	79

Boccola per tubo 1SN – senza pelatura (no skive)

Ferrule for 1SN

Jupe pour 1SN / Presshülse 1SN (nicht schälen) / Casquillo para 1SN



N.B. articoli fuori produzione, sostituiti con B1SC e/o B12T.N

Articles not produced any more, substituted with B1SC and B12T..N

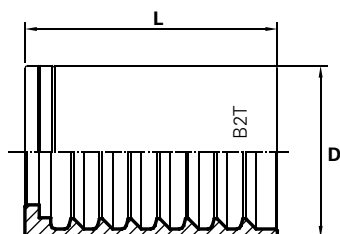
Artikel werden nicht mehr produziert, ersetzt mit B1SC und B12T..N

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión					
	DN	Pollici Inches	Diam. Size	D	L				
B1T03	5	3/16"	03			19	26		
B1T04	6	1/4"	04			20	30		
B1T05	8	5/16"	05			22	30.5		
B1T06	10	3/8"	06			24	32		
B1T08	8	1/2"	08			29	34		
B1T10	10	5/8"	10			32	37		
B1T12	12	3/4"	12			36	42.5		
B1T16	16	1"	16			43	50.5		
B1T20	20	1.1/4"	20			53	59		
B1T24	24	1.1/2"	24			60	63		

Boccola per tubo 2SN – senza pelatura (no skive)

Ferrule for 2SN

Jupe pour 2SN / Presshülse 2SN (nicht schälen) / Casquillo para 2SN



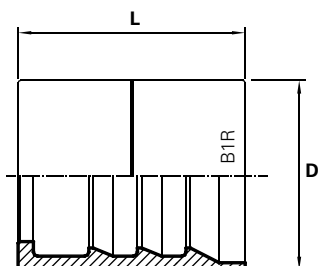
N.B. articoli fuori produzione, sostituiti con B12T..N
 Articles not produced any more, substituted with B12T..N
 Artikel werden nicht mehr produziert, ersetzt mit B12T..N

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	D	L
B2T03	5	3/16"	03	20	26
B2T04	6	1/4"	04	22	30
B2T05	8	5/16"	05	24	30.5
B2T06	10	3/8"	06	25.5	31.5
B2T08	12	1/2"	08	30	34
B2T10	16	5/8"	10	34	37
B2T12	20	3/4"	12	38	42.5
B2T16	25	1"	16	46	50
B2T20	32	1.1/4"	20	56	59
B2T24	40	1.1/2"	24	64	63

Boccola per tubo 1ST – pelatura esterna (skive)

Ferrule for 1ST

Jupe pour 1ST / Presshülse 1ST (schälen) / Casquillo para 1ST

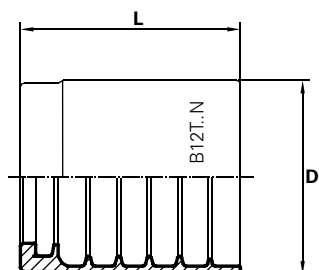


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size		D	L	
B1R03	5	3/16"	03		17	26.5	
B1R04	6	1/4"	04		20	29.5	
B1R05	8	5/16"	05		22	29.5	
B1R06	10	3/8"	06		24	32	
B1R08	12	1/2"	08		29	34	
B1R10	16	5/8"	10		32	37	
B1R12	20	3/4"	12		36	43	
B1R16	25	1"	16		43	50	
B1R20	32	1.1/4"	20		52	57	
B1R24	40	1.1/2"	24		57	63	
B1R32	50	2"	32		70	78	

Boccola per tubo 1SN-2SN-2SC – senza pelatura (no skive)

Ferrule for 1SN-2SN-2SC

Jupe pour 1SN-2SN-2SC / Kombi-Presshülse 1SN/2SN/2SC geschmiedet (nicht schälen) / Casquillo para 1SN-2SN-2SC

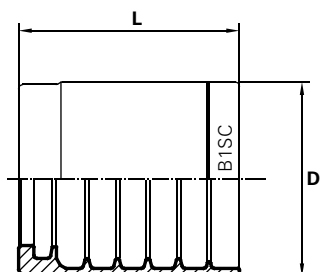


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca			Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size			D	L		
B12T03N	5	3/16"	03			21	23		
B12T04N	6	1/4"	04			23	30		
B12T05N	8	5/16"	05			24	30		
B12T06N	10	3/8"	06			26	32		
B12T08N	12	1/2"	08			29	34		
B12T10N	16	5/8"	10			33	37		
B12T12N	20	3/4"	12			37	42		
B12T16N	25	1"	16			46	51		
B12T20N	32	1.1/4"	20			59	59		
B12T24N	40	1.1/2"	24			67	67		
B12T32N	50	2"	32			80	72		

Boccola per tubo 1SC-1SN-2SC – senza pelatura (no skive)

Ferrule for 1SC-1SN-2SC

Jupe pour 1SC-1SN-2SC / Kombi-Presshülse 1SC/1SN/2SC geschmiedet (nicht schälen) / Casquillo para 1SC-1SN-2SC

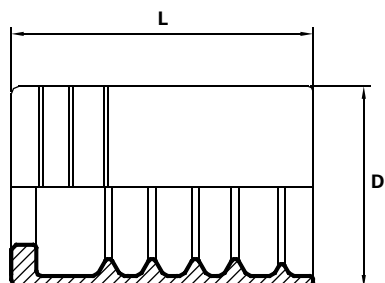


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size		D	L			
B1SC04	6	1/4"	04		20	30			
B1SC05	8	5/16"	05		22	30			
B1SC06	10	3/8"	06		24	32			
B1SC08	12	1/2"	08		28	34			
B1SC10	16	5/8"	10		32	37			
B1SC12	20	3/4"	12		35	42			
B1SC16	25	1"	16		43	51			

Boccola per tubo 1SC-SLIM-R17-R7-R6 1TE/2TE – senza pelatura (no skive)

Ferrule for 1SC-SLIM-R17-R7-R6 1TE-R6 2TE

Jupe pour 1SC-SLIM-R17-R7-R6 1TE-R6 2TE / Presshülse 1SC/SLIM/R17/R7/R6-1TE/R6-2TE
(nicht schälen) / Casquillo para 1SC-SLIM-R17-R7-R6 1TE-R6 2TE

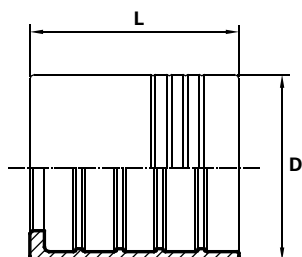


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	D	L
B1K04	6	1/4"	04	18	30
B1K05	8	5/16"	05	20	30
B1K06	10	3/8"	06	22	32
B1K08	12	1/2"	08	26	34
B1K10	16	5/8"	10	30	37
B1K12	20	3/4"	12	33	42
B1K16	25	1"	16	41	51
B1K20	32	1.1/4"	20	48	57
B1K24	40	1.1/2"	24	56	66
B1K32	50	2"	32	68	70

Boccola per tubo R3-R4 – senza pelatura (no skive)

Ferrule for R3-R4

Jupe pour R3-R4 / Presshülse R3-R4 (nicht schälen) / Casquillo para R3-R4

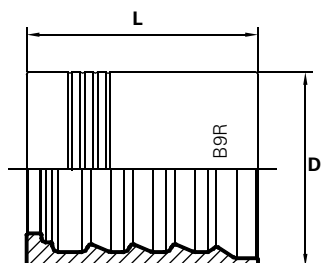


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	D	L
B3R04	6	1/4"	04	19	29
B3R05	8	5/16"	05	22	30
B3R06	10	3/8"	06	24	31
B3R08	12	1/2"	08	28.5	34
B3R10	16	5/8"	10	32	36
B3R12	20	3/4"	12	38	42
B3R16	25	1"	16	46	50
B3R20	32	1.1/4"	20	52	57

Boccola per tubo R9R-4SP – con pelatura esterna (skive)

Ferrule for R9R-4SP

Jupe pour R9R-4SP / Presshülse R9R-4SP (schälen) / Casquillo para R9R-4SP

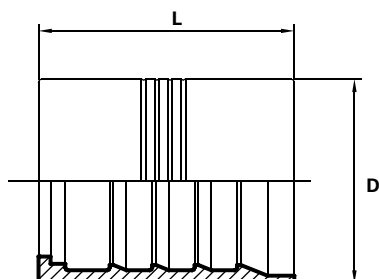


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión					
	DN	Pollici Inches	Diam. Size			D	L		
B9R04	6	1/4"	04			22	30		
B9R06	10	3/8"	06			26	32		
B9R08	12	1/2"	08			30	34		
B9R10	16	5/8"	10			34	40		
B9R12	20	3/4"	12			38	45.2		
B9R16	25	1"	16			46	60		
B9R20	32	1.1/4"	20			56	66		
B9R24	40	1.1/2"	24			65	76.5		
B9R32	50	2"	32			80	80		

Boccola per tubo 4SH – con pelatura esterna (skive)

Ferrule for 4SH

Jupe pour 4SH / Presshülse 4SH (schälen) / Casquillo para 4SH

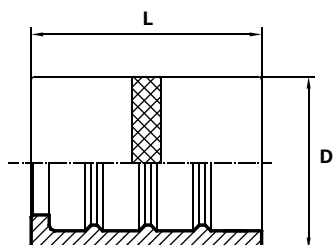


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión					
	DN	Pollici Inches	Diam. Size			D	L		
B4SH20	32	1.1/4"	20			52	66		
B4SH24	40	1.1/2"	24			62	76.5		
B4SH32	50	2"	32			75	80		

Boccola per tubo R7 – senza pelatura (no skive)

Ferrule for R7/R7 MHT1

Jupe pour R7/R7 MHT1 / Presshülse R7/R7 MHT1 (nicht schälen) / Casquillo para R7/R7 MHT1



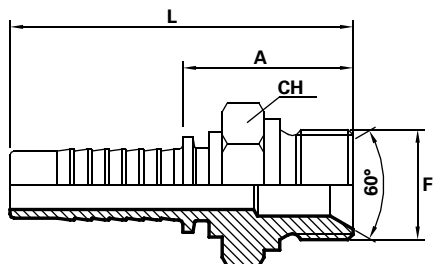
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size		D	L
B7R03	5	3/16"	03		14	30
B7R04	6	1/4"	04		17	30
B7R05	8	5/16"	05		19	30
B7R06	10	3/8"	06		21	30
B7R08	12	1/2"	08		25.5	34
B7R10	16	5/8"	10		28.5	36
B7R12	20	3/4"	12		32	42
B7R16	25	1"	16		40	50

Maschio BSPP SV 60°

BSPP male parallel 60° cone seat

Mâle BSPP cône 60° / AGR 60° Innenkonus (BSPP-Gewinde) / Macho BSPP asiento 60°

1



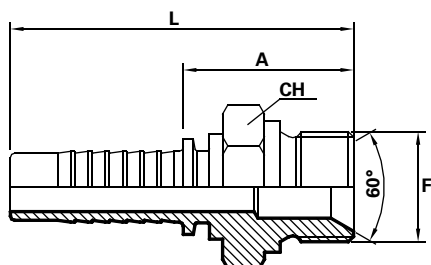
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
MG0302	5	3/16"	03	1/8"	28	14	20.5	45	415	6000
MG0304	5	3/16"	03	1/4"	19	19	26	51	415	6000
MG0402	6	1/4"	04	1/8"	28	14	20.5	49	415	6000
MG0404	6	1/4"	04	1/4"	19	19	27	55	450	6500
MG0406	6	1/4"	04	3/8"	19	22	29	57	450	6500
MG0408	6	1/4"	04	1/2"	14	27	32	60	450	6500
MG0504	8	5/16"	05	1/4"	19	19	27	55	350	5000
MG0506	8	5/16"	05	3/8"	19	22	29	57	350	5000
MG0508	8	5/16"	05	1/2"	14	27	32	60	350	5000
MG0604	10	3/8"	06	1/4"	19	19	27	57	450	6500
MG0606	10	3/8"	06	3/8"	19	22	29	59	450	6500
MG0608	10	3/8"	06	1/2"	14	27	32	62	450	6500
MG0806	12	1/2"	08	3/8"	19	22	29	62	415	6000
MG0808	12	1/2"	08	1/2"	14	27	33	66	415	6000
MG0810	12	1/2"	08	5/8"	14	30	34.5	67.5	415	6000
MG0812	12	1/2"	08	3/4"	14	32	36	69	415	6000
MG1008	16	5/8"	10	1/2"	14	27	33	69	350	5000
MG1010	16	5/8"	10	5/8"	14	30	34.5	70.5	350	5000
MG1012	16	5/8"	10	3/4"	14	32	36	72	350	5000
MG1208	20	3/4"	12	1/2"	14	27	34	75	350	5000
MG1210	20	3/4"	12	5/8"	14	30	36	77	350	5000
MG1212	20	3/4"	12	3/4"	14	32	37	78	350	5000
MG1216	20	3/4"	12	1"	11	38	40	80	350	5000
MG1216CH41	20	3/4"	12	1"	11	41	40,5	80,5	350	5000

Maschio BSPP SV 60°

2

BSPP male parallel 60° cone seat

Mâle BSPP cône 60° / AGR 60° Innenkonus (BSPP-Gewinde) / Macho BSPP asiento 60°



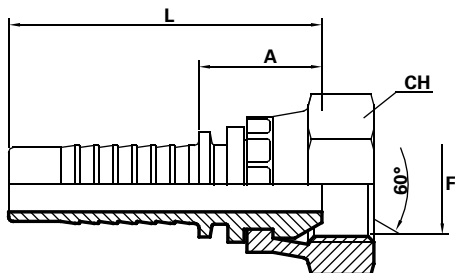
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
MG1612	25	1"	16	3/4"	14	32	38	93	280	4000
MG1616	25	1"	16	1"	11	38	40	95	280	4000
MG1616CH41	25	1"	16	1"	11	41	40	95	280	4000
MG1620	25	1"	16	1.1/4"	11	50	45	100	280	4000
MG2020	32	1.1/4"	20	1.1/4"	11	50	46	106	210	3000
MG2024	32	1.1/4"	20	1.1/2"	11	55	46	107	210	3000
MG2424	40	1.1/2"	24	1.1/2"	11	55	46	117	185	2700
MG2432	40	1.1/2"	24	2"	11	70	53	124	185	2700
MG3232	50	2"	32	2"	11	70	54	134	165	2400

Femmina diritta BSPP SV 60°

BSPP straight female 60° cone

1

Femelle droite BSPP cône 60° / DKR 60° Konus (BSPP-Gewinde) / Hembra recta BSPP asiento 60°



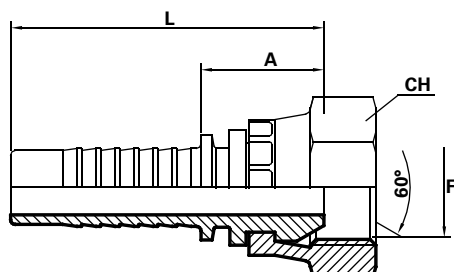
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar	PSI
FDG0302	5	3/16"	03	1/8"	28	15	18	43		415	6000
FDG0304	5	3/16"	03	1/4"	19	19	18	43		415	6000
FDG0402	6	1/4"	04	1/8"	28	15	18	46		415	6000
FDG0404	6	1/4"	04	1/4"	19	19	18	46		450	6500
FDG0406	6	1/4"	04	3/8"	19	22	19	47		450	6500
FDG0408	6	1/4"	04	1/2"	14	27	21	49		450	6500
FDG0504	8	5/16"	05	1/4"	19	19	18	46		350	5000
FDG0506	8	5/16"	05	3/8"	19	22	19	47		350	5000
FDG0508	8	5/16"	05	1/2"	14	27	21	49		350	5000
FDG0604	10	3/8"	06	1/4"	19	19	19	49		450	6500
FDG0606	10	3/8"	06	3/8"	19	22	20	50		450	6500
FDG0608	10	3/8"	06	1/2"	14	27	21	51		450	6500
FDG0806	12	1/2"	08	3/8"	19	19	20	53		415	6000
FDG0808	12	1/2"	08	1/2"	14	27	22	55		415	6000
FDG0810	12	1/2"	08	5/8"	14	28	22	55		415	6000
FDG0812	12	1/2"	08	3/4"	14	32	24	57		415	6000
FDG1008	16	5/8"	10	1/2"	14	27	22	58		350	5000
FDG1010	16	5/8"	10	5/8"	14	28	23	59		350	5000
FDG1012	16	5/8"	10	3/4"	14	32	24	60		350	5000
FDG1208	20	3/4"	12	1/2"	14	27	22.5	63.5		350	5000
FDG1210	20	3/4"	12	5/8"	14	28	24	66		350	5000
FDG1212	20	3/4"	12	3/4"	14	32	25	66		350	5000
FDG1216	20	3/4"	12	1"	11	38	26	67		350	5000

Femmina diritta BSPP SV 60°

BSPP straight female 60° cone

2

Femelle droite BSPP cône 60° / DKR 60° Konus (BSPP-Gewinde) / Hembra recta BSPP asiento 60°



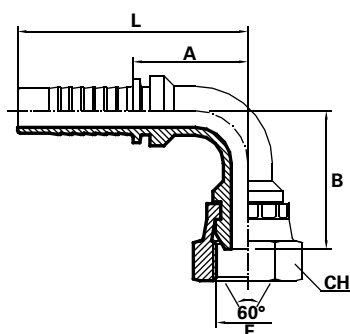
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca				Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	N.fxp	CH	A	L		PN bar	PSI
FDG1612	25	1"	16	3/4"	14	32	26	81		280	4000
FDG1616	25	1"	16	1"	11	38	27	82		280	4000
FDG1620	25	1"	16	1.1/4"	11	50	30	85		280	4000
FDG2020	32	1.1/4"	20	1.1/4"	11	50	30	91		210	3000
FDG2024	32	1.1/4"	20	1.1/2"	11	55	32	93		210	3000
FDG2424	40	1.1/2"	24	1.1/2"	11	55	32	103		185	2700

Femmina 90° BSPP SV 60°

1

90° BSPP straight female swept elbow 60° cone

Femelle 90° BSPP cône 60° / DKR 90° Bogen 60° Konus (BSPP-Gewinde) / Hembra BSPP codo 90° asiento 60°



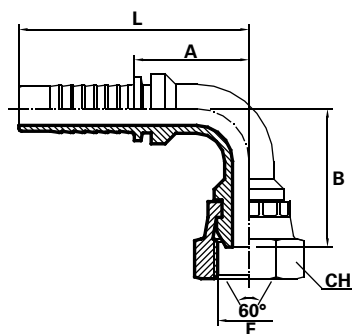
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90G0302	5	3/16"	03	1/8"	28	15	29	23	47.5	415	6000
F90G0304	5	3/16"	03	1/4"	19	19	29	23	47.5	415	6000
F90G0402	6	1/4"	04	1/8"	28	15	29	23	51	415	6000
F90G0404	6	1/4"	04	1/4"	19	19	29	23	51	450	6500
F90G0406	6	1/4"	04	3/8"	19	22	32	23	51	450	6500
F90G0408	6	1/4"	04	1/2"	14	27	30	31.5	59.5	450	6500
F90G0504	8	5/16"	05	1/4"	19	19	33.5	31.5	59.5	350	5000
F90G0506	8	5/16"	05	3/8"	19	22	35.5	31.5	59.5	350	5000
F90G0508	8	5/16"	05	1/2"	14	27	39	31.5	59.5	350	5000
F90G0604	10	3/8"	06	1/4"	19	19	37	33	63	450	6500
F90G0606	10	3/8"	06	3/8"	19	22	38	33	63	450	6500
F90G0608	10	3/8"	06	1/2"	14	27	42	33	63	450	6500
F90G0806	12	1/2"	08	3/8"	19	22	43	39	72	415	6000
F90G0808	12	1/2"	08	1/2"	14	27	45	39	72	415	6000
F90G0810	12	1/2"	08	5/8"	14	28	45	39	72	415	6000
F90G0812	12	1/2"	08	3/4"	14	32	51	39	72	415	6000
F90G1008	16	5/8"	10	1/2"	14	27	54	49	85	350	5000
F90G1010	16	5/8"	10	5/8"	14	28	54	49	85	350	5000
F90G1012	16	5/8"	10	3/4"	14	32	56	49	85	350	5000
F90G1208	20	3/4"	12	1/2"	14	27	56	53.5	94.5	350	5000
F90G1210	20	3/4"	12	5/8"	14	28	56	53.5	94.5	350	5000
F90G1212	20	3/4"	12	3/4"	14	32	59	53.5	94.5	350	5000
F90G1216	20	3/4"	12	1"	11	38	65	53.5	94.5	350	5000

Femmina 90° BSPP SV 60°

2

90° BSPP female swept elbow 60° cone

Femelle 90° BSPP cône 60° / DKR 90° Bogen 60° Konus (BSPP-Gewinde) / Hembra BSPP codo 90° asiento 60°



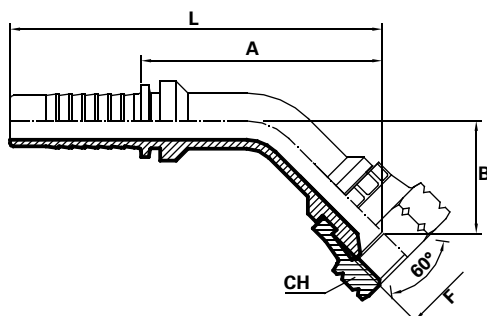
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones							Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90G1612	25	1"	16	3/4"	14	32	72	68.5	123.5	280	4000
F90G1616	25	1"	16	1"	11	38	72	73	128	280	4000
F90G1620	25	1"	16	1.1/4"	11	50	80	73	128	280	4000
F90G2020	32	1.1/4"	20	1.1/4"	11	50	93	89	150	210	3000
F90G2024	32	1.1/4"	20	1.1/2"	11	55	98.5	89	150	210	3000
F90G2424	40	1.1/2"	24	1.1/2"	11	55	114	101	172	185	2700

Femmina 45° SV 60° BSPP

1

45° BSPP female swept elbow 60° cone

Femelle 45° BSPP cône 60° / DKR 45° Bogen 60° Aufschraubkonus 60° (BSPP-Gewinde) / Hembra BSPP codo 45° asiento 60°



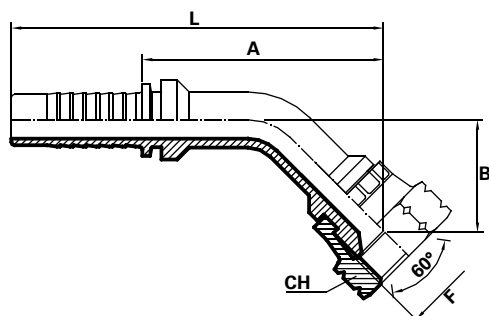
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45G0302	5	3/16"	03	1/8"	28	15	17	40	65	415	6000
F45G0304	5	3/16"	03	1/4"	19	19	17	40	65	415	6000
F45G0402	6	1/4"	04	1/8"	28	15	17	40	68	415	6000
F45G0404	6	1/4"	04	1/4"	19	19	17	40	68	450	6500
F45G0406	6	1/4"	04	3/8"	19	22	20	43	71	450	6500
F45G0408	6	1/4"	04	1/2"	14	27	24	55	83	450	6500
F45G0504	8	5/16"	05	1/4"	19	19	20	51	79	350	5000
F45G0506	8	5/16"	05	3/8"	19	22	21	52	80	350	5000
F45G0508	8	5/16"	05	1/2"	14	27	24	55	83	350	5000
F45G0604	10	3/8"	06	1/4"	19	19	19	54	84	450	6500
F45G0606	10	3/8"	06	3/8"	19	22	20	55	85	450	6500
F45G0608	10	3/8"	06	1/2"	14	27	23	58	88	450	6500
F45G0806	12	1/2"	08	3/8"	19	22	20	63	96	415	6000
F45G0808	12	1/2"	08	1/2"	14	27	23	65	98	415	6000
F45G0810	12	1/2"	08	5/8"	14	28	23	65	98	415	6000
F45G0812	12	1/2"	08	3/4"	14	32	21	66	99	415	6000
F45G1008	16	5/8"	10	1/2"	14	27	25	63	99	350	5000
F45G1010	16	5/8"	10	5/8"	14	28	25	64	99	350	5000
F45G1012	16	5/8"	10	3/4"	14	32	26	64	100	350	5000
F45G1208	20	3/4"	12	1/2"	14	27	28	62	103	350	5000
F45G1210	20	3/4"	12	5/8"	14	28	29	63	104	350	5000
F45G1212	20	3/4"	12	3/4"	14	32	29	63	104	350	5000
F45G1216	20	3/4"	12	1"	11	38	31	65	105	350	5000

Femmina 45° BSPP SV 60°

2

45° BSPP female swept elbow 60° cone

Femelle 45° BSPP cône 60° / DKR 45° Bogen 60° Aufschraubkonus 60° (BSPP-Gewinde) / Hembra BSPP codo 45° asiento 60°

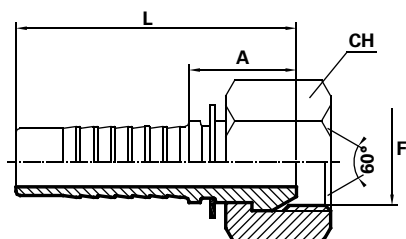


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45G1612	25	1"	16	3/4"	14	32	39	88	143	280	4000
F45G1616	25	1"	16	1"	11	38	41	90	145	280	4000
F45G1620	25	1"	16	1.1/4"	11	50	44	93	148	280	4000
F45G2020	32	1.1/4"	20	1.1/4"	11	50	44	102	163	210	3000
F45G2024	32	1.1/4"	20	1.1/2"	11	55	45	103	164	210	3000
F45G2424	40	1.1/2"	24	1.1/2"	11	55	45	118	189	185	2700

Femmina diritta BSPP SV 60° dado libero

BSPP straight Female 60° cone (slip-on nut)

Femelle droit BSPP cône 60° (écrou libre) / DKR 60° Konus (BSPP-Gewinde) + Überwurfmutter
/ Hembra recta BSPP asiento 60° (tuerca libre)

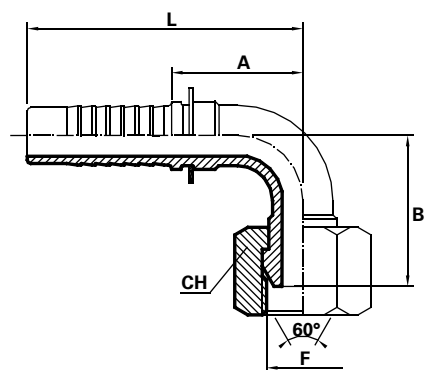


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión			
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
FDG0302SF	5	3/16"	03	1/8"	28	15	18	43	415	6000
FDG0304SF	5	3/16"	03	1/4"	19	19	18	43	415	6000
FDG0404SF	6	1/4"	04	1/4"	19	19	18	46	450	6500
FDG0406SF	6	1/4"	04	3/8"	19	22	19	47	450	6500
FDG0506SF	8	5/16"	05	3/8"	19	22	19	47	350	5000
FDG0606SF	10	3/8"	06	3/8"	19	22	20	50	450	6500
FDG0608SF	10	3/8"	06	1/2"	14	27	21	51	450	6500
FDG0808SF	12	1/2"	08	1/2"	14	27	22	55	415	6000

Femmina 90° BSPP SV 60° dado libero

90° BSPP Female swept elbow 60° cone (slip-on nut)

Femelle 90° BSPP cône 60° (écrou libre) / DKR 90° Bogen 60° Konus (BSPP-Gewinde) + Überwurfmutter / Hembra BSPP codo 90° asiento 60° (tuerca libre)

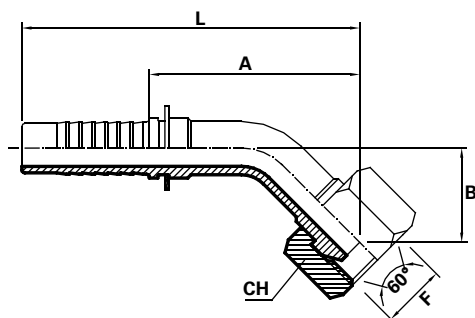


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones							Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90G0302SF	5	3/16"	03	1/8"	28	15	29	23	47.5	415	6000
F90G0304SF	5	3/16"	03	1/4"	19	19	29	23	47.5	415	6000
F90G0404SF	6	1/4"	04	1/4"	19	19	29	23	51	450	6500
F90G0406SF	6	1/4"	04	3/8"	19	22	32	23	51	450	6500
F90G0506SF	8	5/16"	05	3/8"	19	22	35.5	31.5	59.5	350	5000
F90G0606SF	10	3/8"	06	3/8"	19	22	38	33	63	450	6500
F90G0608SF	10	3/8"	06	1/2"	14	27	42	33	63	450	6500
F90G0808SF	12	1/2"	08	1/2"	14	27	45	39	72	415	6000

Femmina 45° BSPP SV 60° dado libero

45° BSPP Female swept elbow 60° cone (slip-on nut)

Femelle 45° BSPP cône 60° (écrou libre) / DKR 45° Bogen 60° Konus (BSPP-Gewinde) + Überwurfmutter / Hembra BSPP codo 45° asiento 60° (tuerca libre)



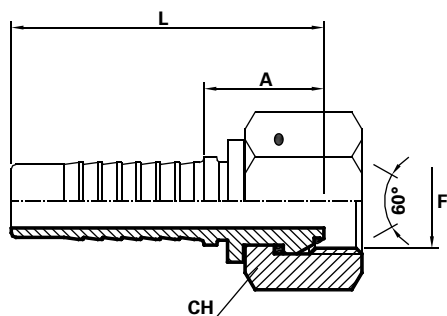
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45G0302SF	5	3/16"	03	1/8"	28	15	17	40	65	415	6000
F45G0304SF	5	3/16"	03	1/4"	19	19	17	40	65	415	6000
F45G0404SF	6	1/4"	04	1/4"	19	19	17	40	68	450	6500
F45G0406SF	6	1/4"	04	3/8"	19	22	20	43	71	450	6500
F45G0506SF	8	5/16"	05	3/8"	19	22	21	52	80	350	5000
F45G0606SF	10	3/8"	06	3/8"	19	22	20	55	85	450	6500
F45G0608SF	10	3/8"	06	1/2"	14	27	23	58	88	450	6500
F45G0808SF	12	1/2"	08	1/2"	14	27	23	65	98	415	6000

Femmina diritta BSPP SV 60° dado spinato con O-ring

1

BSPP O-ring straight Female 60° cone (thrust-wire nut)

Femelle droite BSPP avec O-ring cône 60° (écrou à jonc) / DKOR 60° Konus mit O-Ring (BSPP-Gewinde) + gestiftete Überwurfmutter / Hembra recta BSPP con O-ring asiento 60° (tuerca con seguro)



* Senza O-RING

Without O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

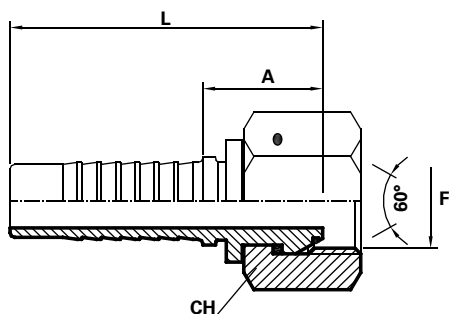
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar	PSI
FDG0302SP*	5	3/16"	03	1/8"	28	14	18	43		415	6000
FDG0304SP*	5	3/16"	03	1/4"	19	19	18	43		415	6000
FDG0402SP*	6	1/4"	04	1/8"	28	14	18	46		415	6000
FDG0404SP*	6	1/4"	04	1/4"	19	19	18	46		450	6500
FDG0406SP*	6	1/4"	04	3/8"	19	22	19	47		450	6500
FDG0408SP*	6	1/4"	04	1/2"	14	27	21	49		450	6500
FDG0504SP*	8	5/16"	05	1/4"	19	19	18	46		350	5000
FDG0506SP*	8	5/16"	05	3/8"	19	22	19	47		350	5000
FDG0508SP*	8	5/16"	05	1/2"	14	27	21	49		350	5000
FDG0604SP*	10	3/8"	06	1/4"	19	19	19	49		450	6500
FDG0606SP*	10	3/8"	06	3/8"	19	22	20	50		450	6500
FDG0608SP*	10	3/8"	06	1/2"	14	27	21	51		450	6500
FDG0806SP*	12	1/2"	08	3/8"	19	19	20	53		415	6000
FDG0808SP*	12	1/2"	08	1/2"	14	27	22	55		415	6000
FDG0812SP	12	1/2"	08	3/4"	14	32	24	57		415	6000
FDG1008SP*	16	5/8"	10	1/2"	14	27	22	58		350	5000
FDG1012SP	16	5/8"	10	3/4"	14	32	24	60		350	5000
FDG1208SP*	20	3/4"	12	1/2"	14	27	22.5	63.5		350	5000
FDG1212SP	20	3/4"	12	3/4"	14	32	25	66		350	5000

Femmina diritta BSPP SV 60° dado spinato con O-ring

2

BSPP O-ring straight Female 60° cone (thrust-wire nut)

Femelle droite BSPP avec O-ring cône 60° (écrou à jonc) / DKOR 60° Konus mit O-Ring (BSPP-Gewinde) + gestiftete Überwurfmutter / Hembra recta BSPP con O-ring asiento 60° (tuerca con seguro)



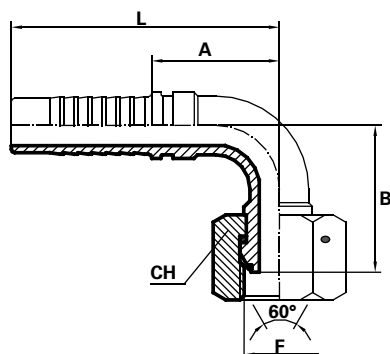
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
FDG1612SP	25	1"	16	3/4"	14	32	26	81	350	5000
FDG1616SP	25	1"	16	1"	11	38	27	82	280	4000
FDG1620SP	25	1"	16	1.1/4"	11	50	30	85	280	4000
FDG2020SP	32	1.1/4"	20	1.1/4"	11	50	30	91	210	3000
FDG2024SP	32	1.1/4"	20	1.1/2"	11	55	32	93	210	3000
FDG2424SP	40	1.1/2"	24	1.1/2"	11	55	32	103	185	2700
FDG2432SP	40	1.1/2"	24	2"	11	70	32.5	103.5	185	2700
FDG3232SP	50	2"	32	2"	11	70	33.5	113.5	165	2400

Femmina 90° BSPP SV 60° dado spinato con O-ring

1

90° BSPP O-ring Female swept elbow 60° cone (thrust-wire nut)

Femelle 90° BSPP avec O-ring cône 60° (écrou à jonc) / DKOR 90° Bogen 60° Konus mit O-Ring (BSPP-Gewinde) + gestiftete Überwurfmutter / Hembra BSPP codo 90° con O-ring asiento 60° (tuerca con seguro)



* Senza O-RING

Without O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

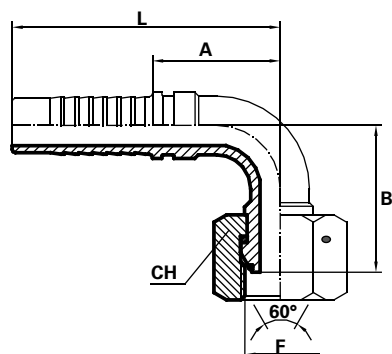
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca			Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B "	A "	L "	PN bar	PSI
F90G0302SP*	5	3/16"	03	1/8"	28	14	29	23	47.5	415	6000
F90G0304SP*	5	3/16"	03	1/4"	19	19	29	23	47.5	415	6000
F90G0402SP*	6	1/4"	04	1/8"	28	14	29	23	51	415	6000
F90G0404SP*	6	1/4"	04	1/4"	19	19	29	23	51	450	6500
F90G0406SP*	6	1/4"	04	3/8"	19	22	32	23	51	450	6500
F90G0408SP*	6	1/4"	04	1/2"	14	27	39	31.5	59.5	450	6500
F90G0504SP*	8	5/16"	05	1/4"	19	19	33.5	31.5	59.5	350	5000
F90G0506SP*	8	5/16"	05	3/8"	19	22	35.5	31.5	59.5	350	5000
F90G0508SP*	8	5/16"	05	1/2"	14	27	39	31.5	59.5	350	5000
F90G0604SP*	10	3/8"	06	1/4"	19	19	37	33	63	450	6500
F90G0606SP*	10	3/8"	06	3/8"	19	22	38	33	63	450	6500
F90G0608SP*	10	3/8"	06	1/2"	14	27	42	33	63	450	6500
F90G0806SP*	12	1/2"	08	3/8"	19	22	43	39	72	415	6000
F90G0808SP*	12	1/2"	08	1/2"	14	27	45	39	72	415	6000
F90G0812SP	12	1/2"	08	3/4"	14	32	51	39	72	415	6000
F90G1008SP*	16	5/8"	10	1/2"	14	27	54	49	85	350	5000
F90G1012SP	16	5/8"	10	3/4"	14	32	56	49	85	350	5000
F90G1208SP*	20	3/4"	12	1/2"	14	27	56	53.5	94.5	350	5000
F90G1212SP	20	3/4"	12	3/4"	14	32	59	53.5	94.5	350	5000
F90G1216SP	20	3/4"	12	1" -	11	38	65	53.5	94.5	350	5000

Femmina 90° BSPP SV 60° dado spinato con O-ring

2

90° BSPP O-ring Female swept elbow 60° cone (thrust-wire nut)

Femelle 90° BSPP avec O-ring cône 60° (écrou à jonc) / DKOR 90° Bogen 60° Konus mit O-Ring (BSPP-Gewinde) + gestiftete Überwurfmutter / Hembra BSPP codo 90° con O-ring asiento 60° (tuerca con seguro)



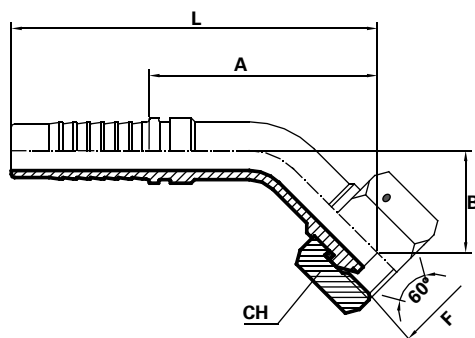
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90G1612SP	25	1"	16	3/4"	14	32	72	68.5	133.5	350	5000
F90G1616SP	25	1"	16	1"	11	38	72	73	128	280	4000
F90G1620SP	25	1"	16	1.1/4"	11	50	80	73	128	280	4000
F90G2020SP	32	1.1/4"	20	1.1/4"	11	50	93	89	150	210	3000
F90G2024SP	32	1.1/4"	20	1.1/2"	11	55	98.5	89	150	210	3000
F90G2424SP	40	1.1/2"	24	1.1/2"	11	55	114	101	172	185	2700
F90G2432SP	40	1.1/2"	24	2"	11	70	118	101	172	185	2700
F90G3232SP	50	2"	32	2"	11	70	136	135	215	165	2400

Femmina 45° BSPP SV 60° dado spinato con O-ring

1

45° BSPP O-ring Female swept elbow 60° cone (thrust-wire nut)

Femelle 45° BSPP avec O-ring cône 60° (écrou à jonc) / DKOR 45° Bogen 60° Konus mit O-Ring (BSPP-Gewinde) + gestiftete Überwurfmutter / Hembra BSPP codo 45° con O-ring asiento 60° (tuerca con seguro)



* Senza O-RING

Without O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

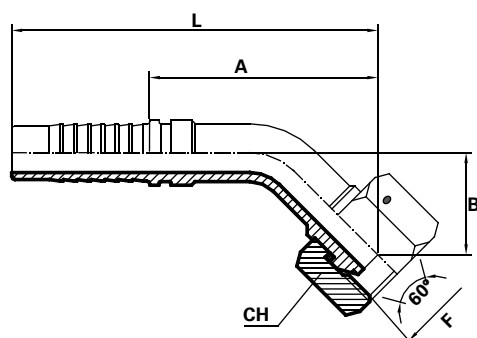
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45G0302SP*	5	3/16"	03	1/8"	28	14	17	40	65	350	5000
F45G0304SP*	5	3/16"	03	1/4"	19	19	17	40	65	415	6000
F45G0402SP*	6	1/4"	04	1/8"	28	14	17	40	68	350	5000
F45G0404SP*	6	1/4"	04	1/4"	19	19	17	40	68	450	6500
F45G0406SP*	6	1/4"	04	3/8"	19	22	20	43	71	450	6500
F45G0408SP*	6	1/4"	04	1/2"	14	27	24	55	83	450	6500
F45G0504SP*	8	5/16"	05	1/4"	19	19	20	51	79	350	5000
F45G0506SP*	8	5/16"	05	3/8"	19	22	21	52	80	350	5000
F45G0508SP*	8	5/16"	05	1/2"	14	27	24	55	83	350	5000
F45G0604SP*	10	3/8"	06	1/4"	19	19	19	54	84	450	6500
F45G0606SP*	10	3/8"	06	3/8"	19	22	20	55	85	450	6500
F45G0608SP*	10	3/8"	06	1/2"	14	27	23	58	88	450	6500
F45G0806SP*	12	1/2"	08	3/8"	19	22	20	63	96	415	6000
F45G0808SP*	12	1/2"	08	1/2"	14	27	23	65	98	415	6000
F45G0812SP	12	1/2"	08	3/4"	14	32	21	66	99	415	6000
F45G1008SP*	16	5/8"	10	1/2"	14	27	25	63	99	350	5000
F45G1012SP	16	5/8"	10	3/4"	14	32	26	64	100	350	5000
F45G1208SP*	20	3/4"	12	1/2"	14	27	28	62	103	350	5000
F45G1212SP	20	3/4"	12	3/4"	14	32	29	63	104	350	5000
F45G1216SP	20	3/4"	12	1"	11	38	31	65	105	350	5000

Femmina 45° BSPP SV 60° dado spinato con O-ring

2

45° BSPP O-ring Female swept elbow 60° cone (thrust-wire nut)

Femelle 45° BSPP avec O-ring cône 60° (écrou à jonc) / DKOR 45° Bogen 60° Konus mit O-Ring (BSPP-Gewinde) + gestiftete Überwurfmutter / Hembra BSPP codo 45° con O-ring asiento 60° (tuerca con seguro)

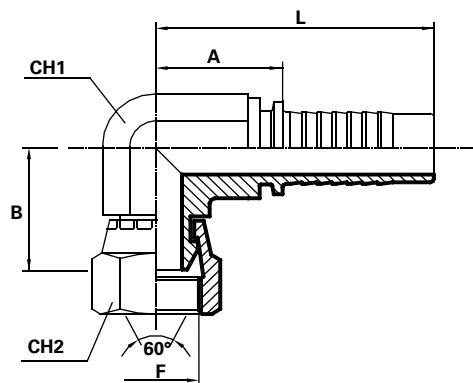


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45G1612SP	25	1"	16	3/4"	14	32	39	88	143	350	5000
F45G1616SP	25	1"	16	1"	11	38	41	90	145	280	4000
F45G1620SP	25	1"	16	1.1/4"	11	50	44	93	148	280	4000
F45G2020SP	32	1.1/4"	20	1.1/4"	11	50	44	102	163	210	3000
F45G2024SP	32	1.1/4"	20	1.1/2"	11	55	45	103	164	210	3000
F45G2424SP	40	1.1/2"	24	1.1/2"	11	55	45	118	189	185	2700
F45G2432SP	40	1.1/2"	24	2"	11	70	118	101	172	185	2700
F45G3232SP	50	2"	32	2"	11	70	136	135	215	165	2400

Femmina 90° BSPP SV 60° compatta

90° BSPP Female compact elbow 60° cone

Femelle 90° BSPP compacte cône 60° / DKR 90° kompakt 60° Konus / Hembra BSPP codo compacto 90° asiento 60°

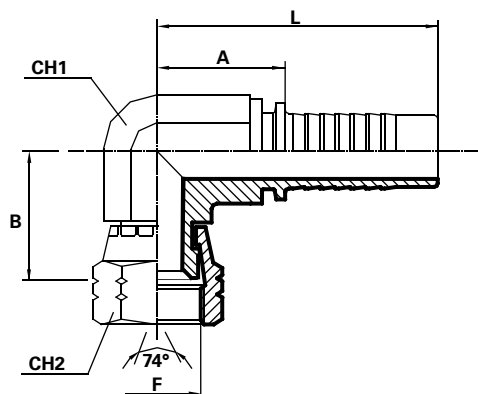


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones								Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH1	CH2	B	A	L	PN bar	PSI
F90G0404K	6	1/4"	04	1/4"	19	14	19	26.7	19	47	450	6500
F90G0406K	6	1/4"	04	3/8"	19	19	22	28	21.5	49.5	450	6500
F90G0506K	8	5/16"	05	3/8"	19	19	22	28	21.5	49.5	350	5000
F90G0606K	10	3/8"	06	3/8"	19	19	22	28	21.5	51.5	450	6500
F90G0608K	10	3/8"	06	1/2"	14	22	27	32.5	24	53.5	450	6500
F90G0808K	12	1/2"	08	1/2"	14	22	27	32.5	24	57	415	6000
F90G1212K	20	3/4"	12	3/4"	14	27	32	39.5	25	66	350	5000
F90G1616K	25	1"	16	1"	11	33	38	43.5	32.5	87.5	280	4000

Femmina 90° JIC SV 74° compatta

90° JIC Female compact elbow 74° cone

Femelle 90° JIC compacte cône 74° / DKJ 90° kompakt 74° Konus
/ Hembra JIC codo compacto 90° cono 74°



* Dado spinato

Thrust - wire nut

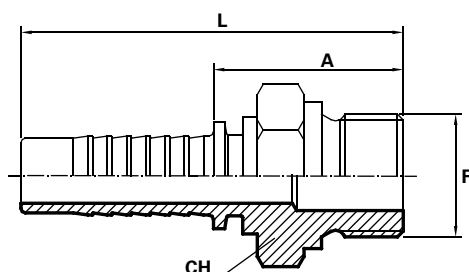
Écrou à jonc / Gestiftete Überwurfmutter /
Tuerca con seguro

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH1	CH2	B	A	L	PN bar	PSI
F90J0404K	6	1/4"	04	7/16"	20	14	15	21.5	19	47	350	5000
F90J0406K	6	1/4"	04	9/16"	18	14	19	23	19	47	250	3600
F90J0606K	10	3/8"	06	9/16"	18	19	19	25	22	52	250	3600
F90J0608K	10	3/8"	06	3/4"	16	19	24	28	22.5	52.5	250	3600
F90J0808K	12	1/2"	08	3/4"	16	22	24	28	24	57	250	3600
F90J1212K *	20	3/4"	12	1.1/16"	12	27	32	36	25	66	200	2900
F90J1616K *	25	1"	16	1.5/16"	12	33	41	41.5	32.5	87.5	160	2320

Maschio BSPP sede piana

BSPP Male flat seat

Mâle BSPP face plate / AGR-F flachdichtend (BSPP-Gewinde) / Macho BSPP cara plana

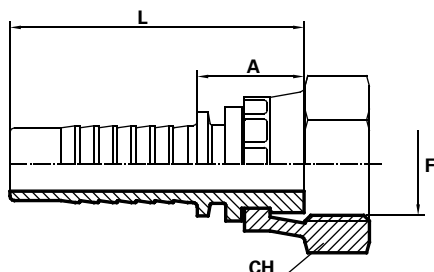


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
MGSP0404	6	1/4"	04	1/4"	19	19	27	55		450 6500
MGSP0406	6	1/4"	04	3/8"	19	22	29	57		450 6500
MGSP0506	8	5/16"	05	3/8"	19	22	29	57		350 5000
MGSP0606	10	3/8"	06	3/8"	19	22	28.5	58.5		450 6500
MGSP0608	10	3/8"	06	1/2"	14	27	32	62		450 6500
MGSP0808	12	1/2"	08	1/2"	14	27	32	65		415 6000
MGSP0810	12	1/2"	08	5/8"	14	30	35	68		415 6000
MGSP0812	12	1/2"	08	3/4"	14	32	36	69		415 6000
MGSP1010	16	5/8"	10	5/8"	14	30	35	71		350 5000
MGSP1012	16	5/8"	10	3/4"	14	32	36	72		350 5000
MGSP1212	20	3/4"	12	3/4"	14	32	37	78		350 5000
MGSP1216	20	3/4"	12	1"	11	38	40	80		350 5000
MGSP1216CH41	20	3/4"	12	1"	11	41	40	80.5		350 5000
MGSP1616	25	1"	16	1"	11	38	39.5	94.5		280 4000
MGSP1616CH41	25	1"	16	1"	11	41	40	95		280 4000
MGSP2020	32	1.1/4"	20	1.1/4"	11	50	46	106		210 3000
MGSP2424	40	1.1/2"	24	1.1/2"	11	55	43	117		184 2670

Femmina diritta BSPP sede piana

BSPP straight Female flat seat

Femelle droit BSPP face plate / DKR-F flachdichtend (BSPP-Gewinde) / Hembra recta BSPP asiento plano

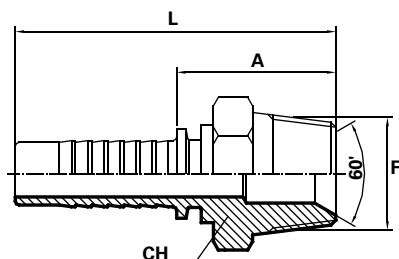


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	N.fxp	CH	A	L		PN bar	PSI
FDGSP0404	6	1/4"	04	1/4"	19	19	14	42		450	6500
FDGSP0406	6	1/4"	04	3/8"	19	22	15	43		450	6500
FDGSP0506	8	5/16"	05	3/8"	19	22	15	43		350	5000
FDGSP0606	10	3/8"	06	3/8"	19	22	16	46		450	6500
FDGSP0608	10	3/8"	06	1/2"	14	27	17	47		450	6500
FDGSP0808	12	1/2"	08	1/2"	14	27	17	50		415	6000
FDGSP0810	12	1/2"	08	5/8"	14	28	17	50		415	6000
FDGSP0812	12	1/2"	08	3/4"	14	32	19	52		415	6000
FDGSP1010	16	5/8"	10	5/8"	14	28	17	53		350	5000
FDGSP1012	16	5/8"	10	3/4"	14	32	20	56		350	5000
FDGSP1212	20	3/4"	12	3/4"	14	32	21	62		350	5000
FDGSP1216	20	3/4"	12	1"	11	38	22	63		350	5000
FDGSP1616	25	1"	16	1"	11	38	23	78		280	4000
FDGSP2020	32	1.1/4"	20	1.1/4"	11	50	26	87		210	3000

Maschio BSPT SV 60°

BSPT Male 60° cone

Mâle BSPT cône 60° / AGR-K konisch (BSPT) / Macho BSPT asiento 60°

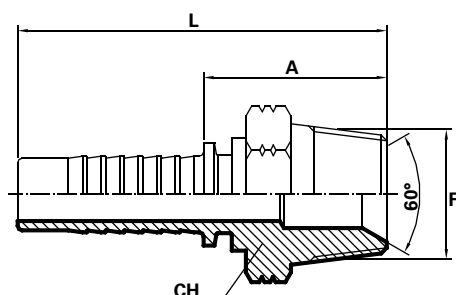


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar	PSI
MGK0302	5	3/16"	03	1/8"	28	12	22	47		415	6000
MGK0304	5	3/16"	03	1/4"	19	15	22	47		415	6000
MGK0402	6	1/4"	04	1/8"	28	12	22.5	50.5		450	6500
MGK0404	6	1/4"	04	1/4"	19	15	27	55		450	6500
MGK0406	6	1/4"	04	3/8"	19	19	28	56		450	6500
MGK0504	8	5/16"	05	1/4"	19	15	27	55		350	5000
MGK0506	8	5/16"	05	3/8"	19	19	28	56		350	5000
MGK0604	10	3/8"	06	1/4"	19	15	28	56		450	6500
MGK0606	10	3/8"	06	3/8"	19	19	28	61		450	6500
MGK0608	10	3/8"	06	1/2"	14	22	34	67.5		415	6000
MGK0806	12	1/2"	08	3/8"	19	19	28	63		415	6000
MGK0808	12	1/2"	08	1/2"	14	22	34.5	67.5		415	6000
MGK1008	16	5/8"	10	1/2"	14	24	34.5	70.5		350	5000
MGK1012	16	5/8"	10	3/4"	14	27	36.5	72.5		350	5000
MGK1212	20	3/4"	12	3/4"	14	27	37	78		350	5000
MGK1216	20	3/4"	12	1"	11	36	45	86		280	4000
MGK1616	25	1"	16	1"	11	36	46	101		280	4000
MGK1620	25	1"	16	1.1/4"	11	46	45.5	100		210	3000
MGK2020	32	1.1/4"	20	1.1/4"	11	46	46	106.3		210	3000
MGK2024	32	1.1/4"	20	1.1/2"	11	50	47	108		185	2700
MGK2424	40	1.1/2"	24	1.1/2"	11	50	47.3	118		185	2700
MGK3232	50	2"	32	2"	11	65	57	137		165	2400

Maschio NPTF SV 60°

NPTF Male 60° cone

Mâle NPTF cône 60° / AGN 60° Innenkonus (NPTF) / Macho NPTF cono 60°



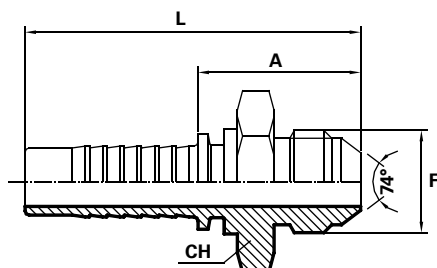
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
MNPT0302	5	3/16"	03	1/8"	27	12	22	47		350 5000
MNPT0304	5	3/16"	03	1/4"	18	15	22	47		415 6000
MNPT0402	6	1/4"	04	1/8"	27	12	22.5	50.5		350 5000
MNPT0404	6	1/4"	04	1/4"	18	15	27	55		450 6500
MNPT0406	6	1/4"	04	3/8"	18	19	28	56		450 6500
MNPT0408	6	1/4"	04	1/2"	14	22	34			350 5000
MNPT0504	8	5/16"	05	1/4"	18	15	27	55		350 5000
MNPT0506	8	5/16"	05	3/8"	18	19	28	56		350 5000
MNPT0508	8	5/16"	05	1/2"	14	22	28	56		415 6000
MNPT0604	10	3/8"	06	1/4"	18	15	28	56		450 6500
MNPT0606	10	3/8"	06	3/8"	18	19	28	58		450 6500
MNPT0608	10	3/8"	06	1/2"	14	22	34	67.5		415 6000
MNPT0806	12	1/2"	08	3/8"	18	19	28	63		415 6000
MNPT0808	12	1/2"	08	1/2"	14	22	34.5	67.5		415 6000
MNPT0812	12	1/2"	08	3/4"	14	27	34.5	67.5		415 6000
MNPT1008	16	5/8"	10	1/2"	14	24	34.5	70.5		350 5000
MNPT1012	16	5/8"	10	3/4"	14	27	36.5	72.5		350 5000
MNPT1212	20	3/4"	12	3/4"	14	27	37	78		350 5000
MNPT1216	20	3/4"	12	1"	11.5	36	45	86		280 4000
MNPT1612	25	1"	16	3/4"	14	32	38	93		280 4000
MNPT1616	25	1"	16	1"	11.5	36	46	101		280 4000
MNPT1620	25	1"	16	1.1/4"	11.5	46	45.5	100		210 3000
MNPT2020	32	1.1/4"	20	1.1/4"	11.5	46	45.5	106.5		210 3000
MNPT2024	32	1.1/4"	20	1.1/2"	11.5	50	47.5	—		185 2700
MNPT2424	40	1.1/2"	24	1.1/2"	11.5	50	47	118		185 2700
MNPT3232	50	2"	32	2"	11.5	65	57	137		165 2400

Maschio JIC SV 74°

JIC Male 74° cone

Mâle JIC cône 74° / AGJ 74° Außenkonus (UNF-Gewinde) / Macho JIC asiento 74°

1



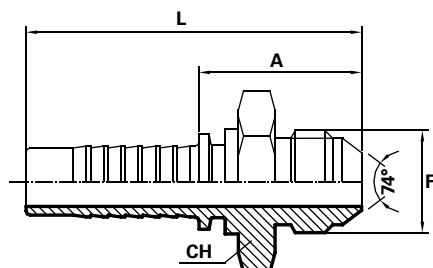
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	N.fxp	CH	A	L		PN bar	PSI
MJ0304	5	3/16"	03	7/16"	20	12	27	51.5		415	6000
MJ0305	5	3/16"	03	1/2"	20	14	27	51.5		415	6000
MJ0404	6	1/4"	04	7/16"	20	12	27	55		450	6500
MJ0405	6	1/4"	04	1/2"	20	14	27	55		450	6500
MJ0406	6	1/4"	04	9/16"	18	15	28	56		450	6500
MJ0505	8	5/16"	05	1/2"	20	14	27	55		350	5000
MJ0506	8	5/16"	05	9/16"	18	15	28	56		350	5000
MJ0507	8	5/16"	05	5/8"	18	17	29.5	57.5		—	—
MJ0508	8	5/16"	05	3/4"	16	19	29.5	57.5		350	5000
MJ0606	10	3/8"	06	9/16"	18	15	28	58		450	6500
MJ0607	10	3/8"	06	5/8"	18	17	29.5	59.5		—	—
MJ0608	10	3/8"	06	3/4"	16	19	30.5	60.5		415	6000
MJ0610	10	3/8"	06	7/8"	14	24	34.5	64.5		350	5000
MJ0808	12	1/2"	08	3/4"	16	19	31	64		415	6000
MJ0810	12	1/2"	08	7/8"	14	24	35	68		350	5000
MJ0812	12	1/2"	08	1.1/16"	12	27	39.5	72.5		350	5000
MJ1010	16	5/8"	10	7/8"	14	24	35	71		350	5000
MJ1012	16	5/8"	10	1.1/16"	12	27	39.5	75.5		350	5000
MJ1210	20	3/4"	12	7/8"	14	27	37	78		350	5000
MJ1212	20	3/4"	12	1.1/16"	12	27	40.5	81.5		350	5000
MJ1214	20	3/4"	12	1.3/16"	12	32	41.5	82.5		280	4000
MJ1216	20	3/4"	12	1.5/16"	12	34	41.5	82.5		280	4000

Maschio JIC SV 74°

JIC Male 74° cone

Mâle JIC cône 74° / AGJ 74° Außenkonus (UNF-Gewinde) / Macho JIC asiento 74°

2



Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
MJ1612	25	1"	16	1.1/16"	12	32	41.5	96.5		280 4000
MJ1616	25	1"	16	1.5/16"	12	34	42.5	97.5		280 4000
MJ1620	25	1"	16	1.5/8"	12	42	45	100		280 4000
MJ2020	32	1.1/4"	20	1.5/8"	12	42	45.5	106		210 3000
MJ2024	32	1.1/4"	20	1.7/8"	12	50	52.5	113		140 2000
MJ2424	40	1.1/2"	24	1.7/8"	12	50	52.5	123.5		140 2000
MJ3232	50	2"	32	2.1/2"	12	65	62	142		105 1500

DIN 2353 24°

BSP SV 60°

ORFS J1453

SAE J514 JIC

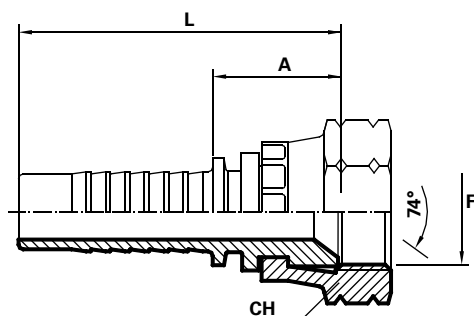
TECHNICAL DATA

Femmina diritta JIC SV 74°

JIC straight Female 74° cone

Femelle droit JIC cône 74° / DKJ 74° Dichtkopf (UNF-Gewinde) / Hembra recta JIC asiento 74°

1



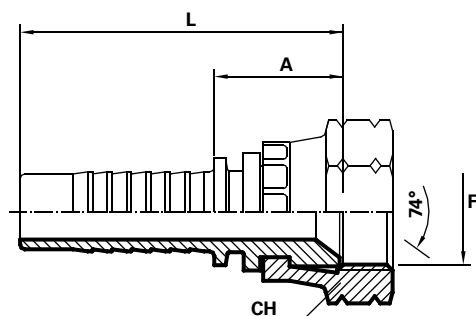
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar	PSI
FDJ0304	5	3/16"	03	7/16"	20	15	15	40		350	5000
FDJ0305	5	3/16"	03	1/2"	20	17	15	40		350	5000
FDJ0404	6	1/4"	04	7/16"	20	15	15	43		350	5000
FDJ0405	6	1/4"	04	1/2"	20	17	16	44		350	5000
FDJ0406	6	1/4"	04	9/16"	18	19	16	44		250	3500
FDJ0505	8	5/16"	05	1/2"	20	17	16	44		350	5000
FDJ0506	8	5/16"	05	9/16"	18	19	16	44		250	3500
FDJ0507	8	5/16"	05	5/8"	18	22	17	45		—	—
FDJ0508	8	5/16"	05	3/4"	16	24	17	45		250	3500
FDJ0606	10	3/8"	06	9/16"	18	19	16.5	46.5		250	3500
FDJ0607	10	3/8"	06	5/8"	18	22	17	47		—	—
FDJ0608	10	3/8"	06	3/4"	16	24	17	47		250	3500
FDJ0610	10	3/8"	06	7/8"	14	27	18.5	48.5		200	2800
FDJ0808	12	1/2"	08	3/4"	16	24	18	51		250	3500
FDJ0810	12	1/2"	08	7/8"	14	27	19	52		200	2800
FDJ0812	12	1/2"	08	1.1/16"	12	32	22	55		200	2800
FDJ1010	16	5/8"	10	7/8"	14	27	19.5	55.5		200	2800
FDJ1012	16	5/8"	10	1.1/16"	12	32	22.5	58.5		200	2800
FDJ1210	20	3/4"	12	7/8"	14	27	20	61		200	2800
FDJ1212	20	3/4"	12	1.1/16"	12	32	23	64		200	2800
FDJ1214	20	3/4"	12	1.3/16"	12	36	23	64		160	2300
FDJ1216	20	3/4"	12	1.5/16"	12	41	23	64		160	2300

Femmina dirita JIC SV 74°

JIC straight Female 74° cone

Femelle droit JIC cône 74° / DKJ 74° Dichtkopf (UNF-Gewinde) / Hembra recta JIC asiento 74°

2



Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
FDJ1612	25	1"	16	1.1/16"	12	32	24	79		200 2800
FDJ1616	25	1"	16	1.5/16"	12	41	24.5	79.5		160 2300
FDJ1620	25	1"	16	1.5/8"	12	50	28.5	83.5		125 1800
FDJ2020	32	1.1/4"	20	1.5/8"	12	50	29	90		125 1800
FDJ2024	32	1.1/4"	20	1.7/8"	12	55	31	92		100 1450
FDJ2424	40	1.1/2"	24	1.7/8"	12	55	31	102		100 1450

ISO 12151 – SAE J516

DIN 2353 24°

BSP SV 60°

ORFS J1453

SAE J514 JIC

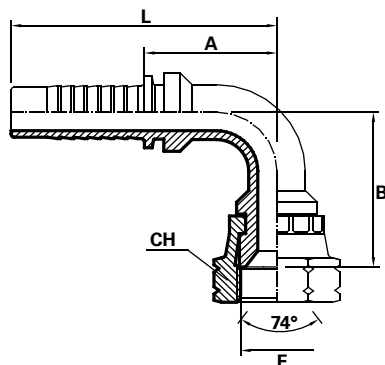
TECHNICAL DATA

Femmina 90° JIC SV 74°

1

90° JIC Female swept elbow 74° cone

Femelle 90° JIC cône 74° / DKJ 90° Bogen 74° JIC Dichtkopf (UNF) / Hembra JIC codo 90° asiento 74°



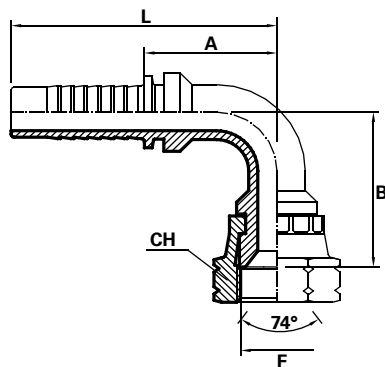
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90J0304	5	3/16"	03	7/16"	20	15	26	23	47.5	350	5000
F90J0305	5	3/16"	03	1/2"	20	17	27	23	47.5	350	5000
F90J0404	6	1/4"	04	7/16"	20	15	26	23	51	350	5000
F90J0405	6	1/4"	04	1/2"	20	17	27	23	51	350	5000
F90J0406	6	1/4"	04	9/16"	18	19	27	23	51	250	3500
F90J0505	8	5/16"	05	1/2"	20	17	32	31.5	59.5	350	5000
F90J0506	8	5/16"	05	9/16"	18	19	32	31.5	59.5	250	3500
F90J0507	8	5/16"	05	5/8"	18	22	32.5	31.5	59.5	—	—
F90J0508	8	5/16"	05	3/4"	16	24	32.5	31.5	59.5	250	3500
F90J0606	10	3/8"	06	9/16"	18	19	35	33	63	250	3500
F90J0607	10	3/8"	06	5/8"	18	22	35.5	33	63	—	—
F90J0608	10	3/8"	06	3/4"	16	24	36.5	33	63	250	3500
F90J0610	10	3/8"	06	7/8"	14	27	39.5	33	63	200	2900
F90J0808	12	1/2"	08	3/4"	16	24	41	39	72	250	3500
F90J0810	12	1/2"	08	7/8"	14	27	42.5	39	72	200	2900
F90J0812	12	1/2"	08	1.1/16"	12	32	50	39	72	200	2900
F90J1010	16	5/8"	10	7/8"	14	27	50	49	85	200	2900
F90J1012	16	5/8"	10	1.1/16"	12	32	55	49	85	200	2900
F90J1210	20	3/4"	12	7/8"	14	27	58	53.5	94.5	200	2900
F90J1212	20	3/4"	12	1.1/16"	12	32	58	53.5	94.5	200	2900
F90J1214	20	3/4"	12	1.3/16"	12	36	61	53.5	94.5	160	2300
F90J1216	20	3/4"	12	1.5/16"	12	41	62.5	53.5	94.5	160	2300

Femmina 90° JIC SV 74°

2

90° JIC Female swept elbow 74° cone

Femelle 90° JIC cône 74° / DKJ 90° Bogen 74° JIC Dichtkopf (UNF) / Hembra JIC codo 90° asiento 74°

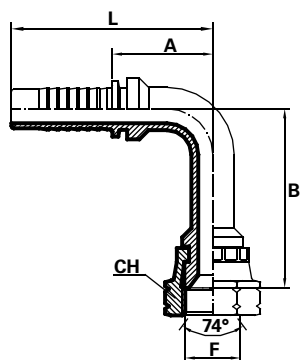


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90J1612	25	1"	16	1.1/16"	12	32	80	69	124	200	2800
F90J1616	25	1"	16	1.5/16"	12	41	69.5	73	128	160	2300
F90J1620	25	1"	16	1.5/8"	12	50	78.5	73	128	125	1800
F90J2020	32	1.1/4"	20	1.5/8"	12	50	91.5	89	150	125	1800
F90J2024	32	1.1/4"	20	1.7/8"	12	55	99	89	150	100	1450
F90J2424	40	1.1/2"	24	1.7/8"	12	55	112.5	101	172	100	1450

Femmina 90° JIC SV 74° long drop

90° JIC Female swept elbow 74° cone

Femelle 90° JIC cône 74° / DKJ 90° Bogen (long drop) 74° JIC Dichtkopf (UNF) / Hembra JIC codo 90° asiento 74°



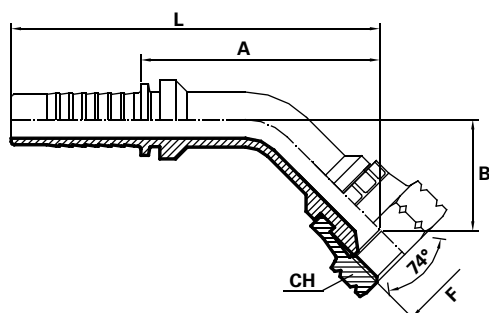
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A ≈	B ≈	L ≈	PN bar	PSI
F90J0404LD	6	1/4"	04	7/16"	20	17	28.5	45	56.5	350	5000
F90J0405LD	6	1/4"	04	1/2"	20	17	28.5	45	56.5	350	5000
F90J0406LD	6	1/4"	04	9/16"	18	19	29.5	55.5	57.5	250	3500
F90J0606LD	10	3/8"	06	9/16"	18	19	35.5	55	65.5	250	3500
F90J0608LD	10	3/8"	06	3/4"	16	22	36.5	61.5	67	250	3500
F90J0808LD	12	1/2"	08	3/4"	16	22	40.5	61.5	73.5	250	3500
F90J0810LD	12	1/2"	08	7/8"	14	27	45	65	78	200	2900
F90J1010LD	16	5/8"	10	7/8"	14	27	53.5	65.5	89.5	200	2900
F90J1212LD	20	3/4"	12	1.1/16"	12	32	62	94.5	103	200	2900
F90J1616LD	25	1"	16	1.5/16"	12	38	77	110	132	160	2300

Femmina 45° JIC SV 74°

1

45° JIC Female swept elbow 74° cone

Femelle 45° JIC cône 74° / DKJ 45° Bogen 74° JIC Dichtkopf (UNF) / Hembra JIC codo 45° asiento 74°



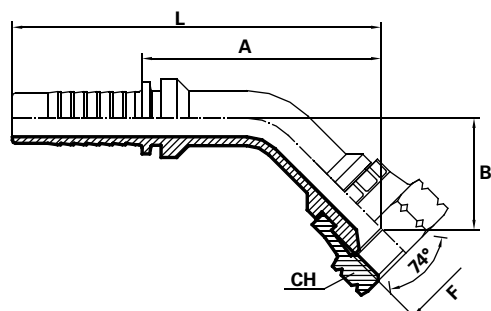
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45J0304	5	3/16"	3/16"	7/16"	20	15	15	38	63	350	5000
F45J0305	5	3/16"	3/16"	1/2"	20	17	17	40	65	350	5000
F45J0404	6	1/4"	1/4"	7/16"	20	15	15	38	66	350	5000
F45J0405	6	1/4"	1/4"	1/2"	20	17	17	40	68	350	5000
F45J0406	6	1/4"	1/4"	9/16"	18	19	16.5	39.5	67.5	250	3500
F45J0505	8	5/16"	5/16"	1/2"	20	17	17	40	68	350	5000
F45J0506	8	5/16"	5/16"	9/16"	18	19	18.5	49.5	77.5	250	3500
F45J0507	8	5/16"	5/16"	5/8"	18	22	19	50	80	—	—
F45J0508	8	5/16"	5/16"	3/4"	16	24	19.5	50.5	78.5	250	3500
F45J0606	10	3/8"	3/8"	9/16"	18	19	18	53	83	250	3500
F45J0607	10	3/8"	3/8"	5/8"	18	22	19	54	84	—	—
F45J0608	10	3/8"	3/8"	3/4"	16	24	19	54	84	250	3500
F45J0610	10	3/8"	3/8"	7/8"	14	27	21	56	86	200	2900
F45J0808	12	1/2"	1/2"	3/4"	16	24	20	62	95	200	2900
F45J0810	12	1/2"	1/2"	7/8"	14	27	21	63	97	200	2900
F45J0812	12	1/2"	1/2"	1.1/16"	12	32	22	64	97	200	2900
F45J1010	16	5/8"	5/8"	7/8"	14	27	22	60	96	200	2900
F45J1012	16	5/8"	5/8"	1.1/16"	12	32	25	63	99	200	2900
F45J1210	20	3/4"	3/4"	7/8"	14	27	29	62	103	200	2900
F45J1212	20	3/4"	3/4"	1.1/16"	12	32	29	62	103	200	2900
F45J1214	20	3/4"	3/4"	1.3/16"	12	36	29	63	103	160	2300
F45J1216	20	3/4"	3/4"	1.5/16"	12	41	29	63	103	160	2300

Femmina 45° JIC SV 74°

2

45° JIC Female swept elbow 74° cone

Femelle 45° JIC cône 74° / DKJ 45° Bogen 74° JIC Dichtkopf (UNF) / Hembra JIC codo 45° asiento 74°



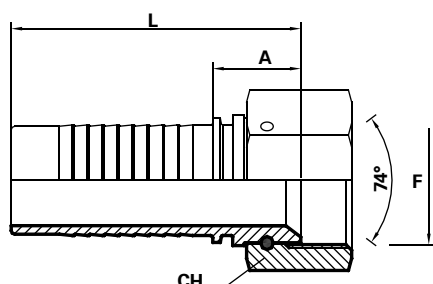
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45J1612	25	1"	16	1.1/16"	12	32	39.5	100	155	200	2800
F45J1616	25	1"	16	1.5/16"	12	41	39.5	88.5	143.5	160	2300
F45J1620	25	1"	16	1.5/8"	12	50	38.5	89.5	147.5	125	1800
F45J2020	32	1.1/4"	20	1.5/8"	12	50	44	101	162	125	1800
F45J2024	32	1.1/4"	20	1.7/8"	12	55	45	103	164	100	1450
F45J2424	40	1.1/2"	24	1.7/8"	12	55	45	118	189	100	1450

Femmina diritta JIC SV 74° dado spinato

1

JIC straight Female 74° cone (thrust-wire nut)

Femelle droit JIC cône 74° (écrou à jonc) / DKJ 74° Dichtkopf (UNF-Gewinde) + gestiftete Überwurfmutter / Hembra recta JIC asiento 74° (tuerca con seguro)



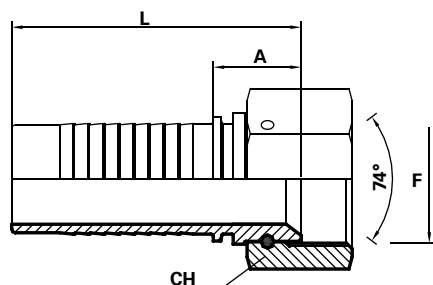
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar	PSI
FDJ0304SP	5	3/16"	03	7/16"	20	17	15	40		350	5000
FDJ0305SP	5	3/16"	03	1/2"	20	17	15	40		350	5000
FDJ0404SP	6	1/4"	04	7/16"	20	17	15	43		350	5000
FDJ0405SP	6	1/4"	04	1/2"	20	17	16	44		350	5000
FDJ0406SP	6	1/4"	04	9/16"	18	19	16	44		250	3500
FDJ0505SP	8	5/16"	05	1/2"	20	17	16	44		350	5000
FDJ0506SP	8	5/16"	05	9/16"	18	19	16	44		250	3500
FDJ0508SP	8	5/16"	05	3/4"	16	24	17	45		250	3500
FDJ0606SP	10	3/8"	06	9/16"	18	19	16.5	46.5		250	3500
FDJ0608SP	10	3/8"	06	3/4"	16	24	17	47		250	3500
FDJ0610SP	10	3/8"	06	7/8"	14	27	18.5	48.5		200	2900
FDJ0808SP	12	1/2"	08	3/4"	16	24	18	51		250	3500
FDJ0810SP	12	1/2"	08	7/8"	14	27	19	52		200	3900
FDJ0812SP	12	1/2"	08	1.1/16"	12	32	22	55		200	2900
FDJ1010SP	16	5/8"	10	7/8"	14	27	19.5	55.5		200	2900
FDJ1012SP	16	5/8"	10	1.1/16"	12	32	22.5	58.5		200	2900
FDJ1210SP	20	3/4"	12	7/8"	14	27	20	61		200	2900
FDJ1212SP	20	3/4"	12	1.1/16"	12	32	23	64		200	2900
FDJ1216SP	20	3/4"	12	1.5/16"	12	41	23	64		160	2300

Femmina diritta JIC SV 74° dado spinato

2

JIC straight Female 74° cone (thrust-wire nut)

Femelle droit JIC cône 74° (écrou à jonc) / DKJ 74° Dichtkopf (UNF-Gewinde) + gestiftete Überwurfmutter / Hembra recta JIC asiento 74° (tuerca con seguro)



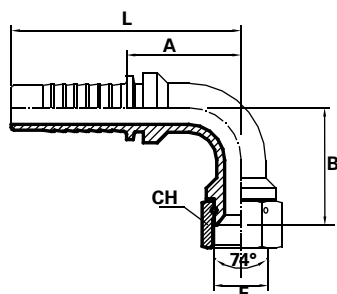
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
FDJ1612SP	25	1"	16	1.1/16"	12	32	24	79		200 2900
FDJ1616SP	25	1"	16	1.5/16"	12	41	24.5	79.5		160 2300
FDJ1620SP	25	1"	16	1.5/8"	12	50	28.5	83.5		125 1800
FDJ2020SP	32	1.1/4"	20	1.5/8"	12	50	29	90		125 1800
FDJ2024SP	32	1.1/4"	20	1.7/8"	12	55	31	92		100 1450
FDJ2424SP	40	1.1/2"	24	1.7/8"	12	55	31	102		100 1450
FDJ2432SP	40	1.1/2"	24	2.1/2"	12	70	31.5	103		80 1160
FDJ3232SP	50	2"	32	2.1/2"	12	70	33	104		80 1160

Femmina 90° JIC SV 74° con dado spinato

1

90° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 90° JIC cône 74° (écrou à jonc) / DKJ 90° Bogen 74° JIC Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 90° asiento 74° (tuerca con seguro)



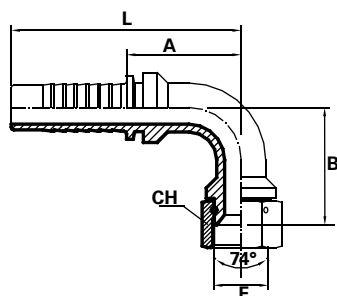
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90J0304SP	5	3/16"	03	7/16"	20	17	26	23	47.5	350	5000
F90J0305SP	5	3/16"	03	1/2"	20	17	27	23	47.5	350	5000
F90J0404SP	6	1/4"	04	7/16"	20	17	26	23	51	350	5000
F90J0405SP	6	1/4"	04	1/2"	20	17	27	23	51	350	5000
F90J0406SP	6	1/4"	04	9/16"	18	19	27	23	51	250	3500
F90J0505SP	8	5/16"	05	1/2"	20	17	32	31.5	59.5	350	5000
F90J0506SP	8	5/16"	05	9/16"	18	19	32	31.5	59.5	250	3500
F90J0508SP	8	5/16"	05	3/4"	16	24	32.5	31.5	59.5	250	3500
F90J0606SP	10	3/8"	06	9/16"	18	19	35	33	63	250	3500
F90J0608SP	10	3/8"	06	3/4"	16	24	36.5	33	63	250	3500
F90J0610SP	10	3/8"	06	7/8"	14	27	39.5	33	63	200	2900
F90J0808SP	12	1/2"	08	3/4"	16	24	41	39	72	250	3500
F90J0810SP	12	1/2"	08	7/8"	14	27	42.5	39	72	200	2900
F90J0812SP	12	1/2"	08	1.1/16"	12	32	50	39	72	200	2900
F90J1010SP	16	5/8"	10	7/8"	14	27	50	49	85	200	2900
F90J1012SP	16	5/8"	10	1.1/16"	12	32	55	49	85	200	2900
F90J1210SP	20	3/4"	12	7/8"	14	27	58	53.5	94.5	200	2900
F90J1212SP	20	3/4"	12	1.1/16"	12	32	58	53.5	94.5	200	2900
F90J1216SP	20	3/4"	12	1.5/16"	12	41	62.5	53.5	94.5	160	2300

Femmina 90° JIC SV 74° con dado spinato

2

90° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 90° JIC cône 74° (écrou à jonc) / DKJ 90° Bogen 74° JIC Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 90° asiento 74° (tuerca con seguro)

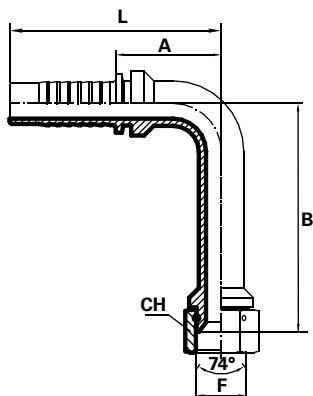


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90J1612SP	25	1"	16	1.1/16"	12	32	80	69	124	200	2900
F90J1616SP	25	1"	16	1.5/16"	12	41	69.5	73	128	160	2300
F90J1620SP	25	1"	16	1.5/8"	12	50	78.5	73	128	125	1800
F90J2020SP	32	1.1/4"	20	1.5/8"	12	50	91.5	89	150	125	1800
F90J2024SP	32	1.1/4"	20	1.7/8"	12	55	99	89	150	100	1450
F90J2424SP	40	1.1/2"	24	1.7/8"	12	55	112.5	101	172	100	1450
F90J2432SP	40	1.1/2"	24	2.1/2"	12	70	115.5	101	172	80	1160
F90J3232SP	50	2"	32	2.1/2"	12	70	136	135	215	80	1160

Femmina 90° JIC SV 74° dado spinato long drop

90° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 90° JIC cône 74° (écrou à jonc) / DKJ 90° Bogen (long drop) 74° JIC Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 90° asiento 74° (tuerca con seguro)



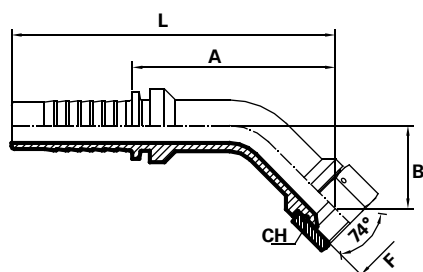
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A ≈	B ≈	L ≈	PN bar	PSI
F90J0404SPLD	6	1/4"	04	7/16"	20	17	28.5	45	56.5	350	5000
F90J0405SPLD	6	1/4"	04	1/2"	20	17	28.5	45	56.5	350	5000
F90J0406SPLD	6	1/4"	04	9/16"	18	19	29.5	55.5	57.5	250	3500
F90J0606SPLD	10	3/8"	06	9/16"	18	19	35.5	55	65.5	250	3500
F90J0608SPLD	10	3/8"	06	3/4"	16	24	36.5	61.5	67	250	3500
F90J0808SPLD	12	1/2"	08	3/4"	16	24	40.5	61.5	73.5	250	3500
F90J0810SPLD	12	1/2"	08	7/8"	14	27	45	65	78	200	2900
F90J1010SPLD	16	5/8"	10	7/8"	14	27	53.5	65.5	89.5	200	2900
F90J1212SPLD	20	3/4"	12	1.1/16"	12	32	62	94.5	103	200	2900
F90J1616SPLD	25	1"	16	1.5/16"	12	38	77	132	132	160	2300

Femmina 45° JIC SV 74° con dado spinato

1

45° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 45° JIC cône 74° (écrou à jonc) / DKJ 45° Bogen 74° JIC Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 45° asiento 74° (tuerca con seguro)



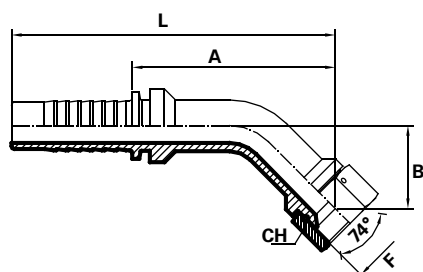
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión							
	DN	Pollici Inches	Diam. Size	F	N.fxp	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45J0304SP	5	3/16"	3/16"	7/16"	20	17	15	38	63	350	5000
F45J0305SP	5	3/16"	3/16"	1/2"	20	17	17	40	65	350	5000
F45J0404SP	6	1/4"	1/4"	7/16"	20	17	15	38	66	350	5000
F45J0405SP	6	1/4"	1/4"	1/2"	20	17	17	40	68	350	5000
F45J0406SP	6	1/4"	1/4"	9/16"	18	19	16.5	39.5	67.5	250	3500
F45J0505SP	8	5/16"	5/16"	1/2"	20	17	17	40	68	350	5000
F45J0506SP	8	5/16"	5/16"	9/16"	18	19	18.5	49.5	77.5	250	3500
F45J0508SP	8	5/16"	5/16"	3/4"	16	24	19.5	50.5	78.5	250	3500
F45J0606SP	10	3/8"	3/8"	9/16"	18	19	18	53	83	250	3500
F45J0608SP	10	3/8"	3/8"	3/4"	16	24	19	54	84	250	3500
F45J0610SP	10	3/8"	3/8"	7/8"	14	27	21	56	86	200	2900
F45J0808SP	12	1/2"	1/2"	3/4"	16	24	20	62	95	200	2900
F45J0810SP	12	1/2"	1/2"	7/8"	14	27	21	63	97	200	2900
F45J0812SP	12	1/2"	1/2"	1.1/16"	12	32	22	64	97	200	2900
F45J1010SP	16	5/8"	5/8"	7/8"	14	27	22	60	96	200	2900
F45J1012SP	16	5/8"	5/8"	1.1/16"	12	32	25	63	99	200	2900
F45J1210SP	20	3/4"	3/4"	7/8"	14	27	29	62	103	200	2900
F45J1212SP	20	3/4"	3/4"	1.1/16"	12	32	29	62	103	200	2900
F45J1216SP	20	3/4"	3/4"	1.5/16"	12	41	29	63	103	160	2600

Femmina 45° JIC SV 74° con dado spinato

2

45° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 45° JIC cône 74° (écrou à jonc) / DKJ 45° Bogen 74° JIC Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 45° asiento 74° (tuerca con seguro)

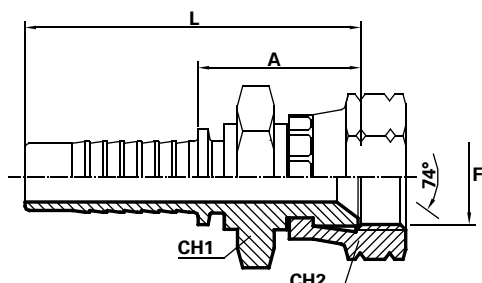


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45J1612SP	25	1"	16	1.1/16"	12	32	39.5	100	155	200	2800
F45J1616SP	25	1"	16	1.5/16"	12	41	39.5	88.5	143.5	160	2300
F45J1620SP	25	1"	16	1.5/8"	12	50	38.5	89.5	147.5	125	1800
F45J2020SP	32	1.1/4"	20	1.5/8"	12	50	44	101	162	125	1800
F45J2024SP	32	1.1/4"	20	1.7/8"	12	55	45	103	164	100	1450
F45J2424SP	40	1.1/2"	24	1.7/8"	12	55	45	118	189	100	1450
F45J2432SP	40	1.1/2"	32	2.1/2"	12	70	45.5	121	192	80	1160
F45J3232SP	50	2"	32	2.1/2"	12	70	65.5	156	236	80	1160

Femmina diritta JIC SV 74° – doppio esagono

JIC straight Female 74° cone – double exagon

Femelle droit JIC cône 74° – double hexagon / DKJ 74° Konus mit Kontersechskant / Hembra recta JIC asiento 74° – doble tuerca

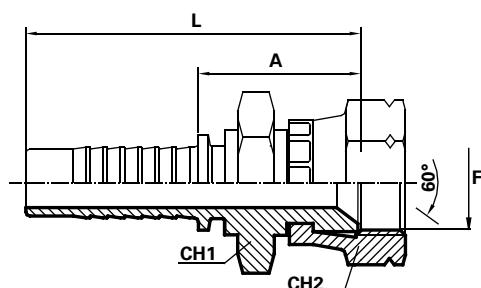


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH1	CH2	A	L	PN bar	PSI
FDJ0404GIR	6	1/4"	04	7/16"	20	14	15	23.5	51.5	350	5000
FDJ0405GIR	6	1/4"	04	1/2"	20	14	17	24	52	350	5000
FDJ0406GIR	6	1/4"	04	9/16"	18	17	19	25.7	53.7	250	3500
FDJ0506GIR	8	5/16"	05	9/16"	18	17	19	25.2	53.2	250	3500
FDJ0606GIR	10	3/8"	06	9/16"	18	17	19	25.2	55.2	250	3500
FDJ0608GIR	10	3/8"	06	3/4"	16	19	24	27.3	57.3	250	2500
FDJ0808GIR	12	1/2"	08	3/4"	16	22	24	27.8	60.8	250	2500
FDJ0810GIR	12	1/2"	08	7/8"	14	22	27	29.5	62.5	200	2900
FDJ1010GIR	16	5/8"	10	7/8"	14	24	27	29.5	65.5	200	2900
FDJ1012GIR	16	5/8"	10	1.1/16"	12	27	32	32.5	68.5	200	2900
FDJ1212GIR	20	3/4"	12	1.1/16"	12	27	32	35	76	200	2900
FDJ1616GIR	25	1"	16	1.5/16"	12	32	41	36	91	160	2300

Femmina diritta metrica "KOMATSU" SV 60°

"KOMATSU" straight metric Female 60° cone

Femelle métrique droit "KOMATSU" cône 60° / DK (KOMATSU) 60° Konus metrisch / Hembra métrica recta "KOMATSU" asiento 60°

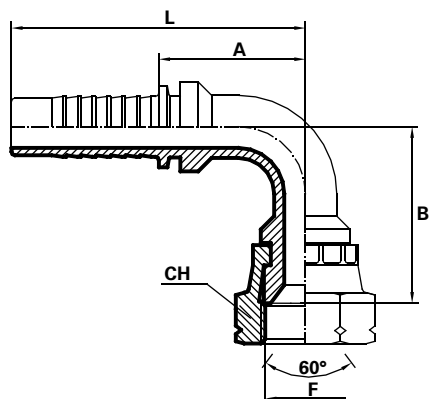


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		CH1	CH2	A	L
FDK0414	6	1/4"	04	M14x1.5		17	19	24.2	52.2
FDK0416	6	1/4"	04	M16x1.5		19	22	24.2	52.2
FDK0516	8	5/16"	05	M16x1.5		19	22	24.2	52.2
FDK0614	10	3/8"	06	M14x1.5		17	19	24.2	54.2
FDK0616	10	3/8"	06	M16x1.5		19	22	24.2	54.2
FDK0618	10	3/8"	06	M18x1.5		24	24	25.8	55.8
FDK0818	12	1/2"	08	M18x1.5		24	24	26.3	59.3
FDK0820	12	1/2"	08	M20x1.5		27	27	29	62
FDK0822	12	1/2"	08	M22x1.5		27	27	29	62
FDK0824	12	1/2"	08	M24x1.5		32	32	32	65
FDK1022	16	5/8"	10	M22x1.5		27	27	29	65
FDK1024	16	5/8"	10	M24x1.5		32	32	32.5	68.5
FDK1230	20	3/4"	12	M30x1.5		36	36	32.5	73.1
FDK1633	25	1"	16	M33x1.5		41	41	34.6	89.6
FDK2036	32	1.1/4"	20	M36x1.5		46	46	37.5	96.6
FDK2442	40	1.1/2"	24	M42x1.5		50	50	36.1	107.1

Femmina 90° metrica "KOMATSU" SV 60°

90° "KOMATSU" metric Female 60° cone

Femelle 90° métrique "KOMATSU" cône 60° / DKM 90° (KOMATSU) 60° Konus metrisch /
Hembra métrica "KOMATSU" codo 90° asiento 60°

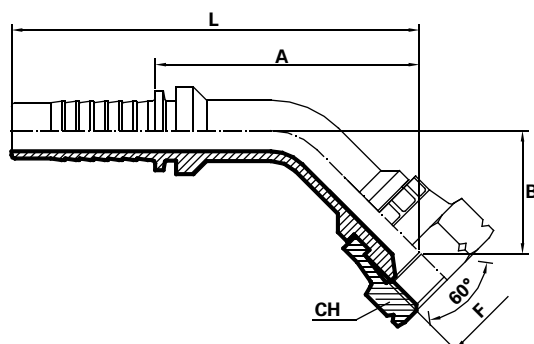


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	CH	B ≈	A ≈	L ≈
F90K0414	6	1/4"	04	M14x1.5	19	27	23	51
F90K0416	6	1/4"	04	M16x1.5	22	27	23	51
F90K0516	8	5/16"	05	M16x1.5	22	32	31.5	59.5
F90K0614	10	3/8"	06	M14x1.5	19	35	33	63
F90K0616	10	3/8"	06	M16x1.5	22	35	33	63
F90K0618	10	3/8"	06	M18x1.5	24	36.5	33	63
F90K0818	12	1/2"	08	M18x1.5	24	41	39	72
F90K0820	12	1/2"	08	M20x1.5	27	43.5	39	72
F90K0822	12	1/2"	08	M22x1.5	27	43.5	39	72
F90K0824	12	1/2"	08	M24x1.5	32	50	39	72
F90K1022	16	5/8"	10	M22x1.5	27	50	49	85
F90K1024	16	5/8"	10	M24x1.5	32	55	49	85
F90K1230	20	3/4"	12	M30x1.5	36	62.5	53.5	94.5
F90K1633	25	1"	16	M33x1.5	41	69.5	73	128
F90K2036	32	1.1/4"	20	M36x1.5	46	88	89	150
F90K2442	40	1.1/2"	24	M42x1.5	50	106.5	101	172

Femmina 45° metrica "KOMATSU" SV 60°

45° "KOMATSU" metric Female 60° cone

Femelle 45° métrique "KOMATSU" cône 60° / DKM 45° (KOMATSU) 60° Konus metrisch /
Hembra métrica "KOMATSU" codo 45° asiento 60°

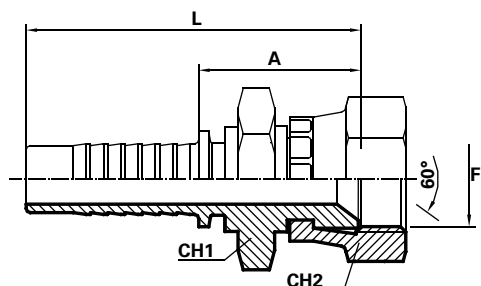


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	CH	B ≈	A ≈	L ≈
F45K0414	6	1/4"	04	M14x1.5	19	17	40	68
F45K0416	6	1/4"	04	M16x1.5	22	17	40	68
F45K0516	8	5/16"	05	M16x1.5	22	18.5	49.5	77.5
F45K0614	10	3/8"	06	M14x1.5	19	18	53	83
F45K0616	10	3/8"	06	M16x1.5	22	18	53	83
F45K0618	10	3/8"	06	M18x1.5	24	19	54	84
F45K0818	12	1/2"	08	M18x1.5	24	20	62	95
F45K0820	12	1/2"	08	M20x1.5	27	22	63	97
F45K0822	12	1/2"	08	M22x1.5	27	22	63	97
F45K0824	12	1/2"	08	M24x1.5	32	22	64	97
F45K1022	16	5/8"	10	M22x1.5	27	22	60	96
F45K1024	16	5/8"	10	M24x1.5	32	25	63	99
F45K1230	20	3/4"	12	M30x1.5	36	29	63	103
F45K1633	25	1"	16	M33x1.5	41	39.5	88.5	143.5
F45K2036	32	1.1/4"	20	M36x1.5	46	40	101	162
F45K2442	40	1.1/2"	24	M42x1.5	50	39	118	189

Femmina diritta TOYOTA SV 60

TOYOTA straight Female 60° cone

Femelle droit TOYOTA cône 60° / DK (TOYOTA) 60° Konus / Hembra recta TOYOTA cono 60°

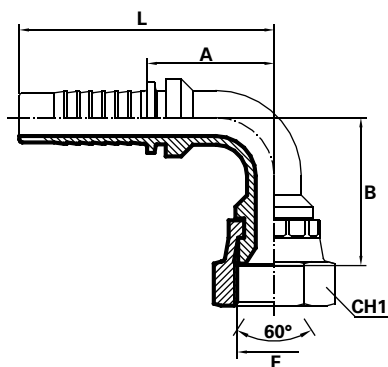


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH1	CH2	L	A	PN bar	PSI
FDT0404	6	1/4"	04	1/4"	19	17	19	51	23	350	5075
FDT0606	10	3/8"	06	3/8"	19	19	22	54	24	280	4060
FDT0808	12	1/2"	08	1/2"	14	22	27	60.5	27.5	200	2900
FDT1212	20	3/4"	12	3/4"	14	27	32	70.5	30.5	200	2900
FDT1616	25	1"	16	1"	11	32	38	88	33	160	2320
FDT2020	32	1.1/4"	20	1.1/4"	11	41	50	97.5	37	125	1813
FDT2424	40	1.1/2"	24	1.1/2"	11	50	55	110.5	39.5	100	1450

Femmina 90° TOYOTA SV 60°

90° TOYOTA Female 60° cone

Femelle 90° TOYOTA cône 60° / DK 90° TOYOTA 60° Konus / Hembra TOYOTA codo 90° cono 60°

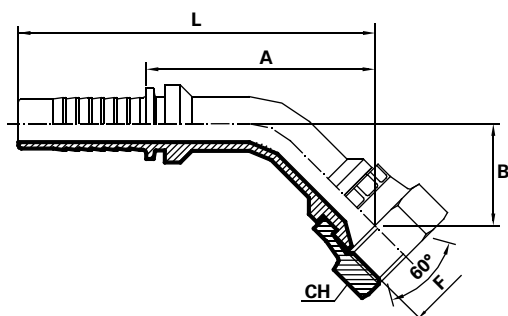


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH1	B ≈	A ≈	L ≈	PN bar	PSI
F90T0404	6	1/4"	04	1/4"	19	19	26	23	51	350	5075
F90T0606	10	3/8"	06	3/8"	19	22	34.5	33	63	280	4060
F90T0808	12	1/2"	08	1/2"	14	27	41	39	72	200	2900
F90T1212	20	3/4"	12	3/4"	14	32	54.5	53.5	94.5	200	2900
F90T1616	25	1"	16	1"	11	38	68	73	128	160	2320
F90T2020	32	1.1/4"	20	1.1/2"	11	50	88.5	89	150	125	1813
F90T2424	40	1.1/2"	24	1.1/2"	11	55	109.5	101	172	100	1450

Femmina 45° TOYOTA SV 60°

45° TOYOTA Female 60° cone

Femelle 45° TOYOTA cône 60° / DK 45° (TOYOTA) 60° Konus / Hembra TOYOTA codo 45° asiento 60°

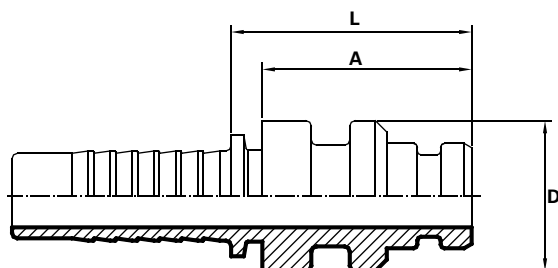


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH1	B ≈	A ≈	L ≈	
F45T0404	6	1/4"	04	1/4"	19	19	14	40	68	
F45T0606	10	3/8"	06	3/8"	19	22	16.5	55	85	
F45T0808	12	1/2"	08	1/2"	14	27	19	65	98	
F45T1212	20	3/4"	12	3/4"	14	32	24.5	63	104	
F45T1616	25	1"	16	1"	11	38	37	90	145	
F45T2020	32	1.1/4"	20	1.1/4"	11	50	39.5	102	163	
F45T2424	40	1.1/2"	24	1.1/2"	11	55	40.5	118	189	

Maschio miniera

Staple-Lock Male (Mine)

Mâle Staple-Lock (Mine) / Steck-Pressnippel (für Bergbau) / Macho Staple-Lock (Minería)



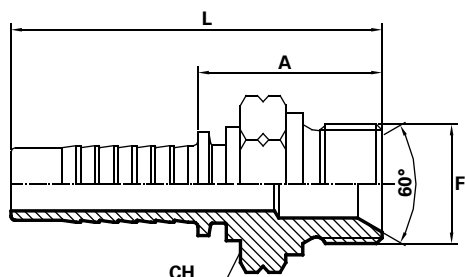
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión				
	DN	Pollici Inches	Diam. Size	L	A	D		
MINE0404	6	1/4"	04		33.2	28.7	15	
MINE0606	10	3/8"	06		33.3	28.8	20	
MINE0808	12	1/2"	08		33.7	28.7	24	
MINE1212	20	3/4"	12		34.4	28.9	29	
MINE1616	25	1"	16		41.6	35.1	39	
MINE2020	32	1.1/4"	20		42	35	46	
MINE2424	40	1.1/2"	24		47	40	55	
MINE3232	50	2"	32		48	40	64	

Maschio metrico SV 60°

1

Metric male 60° cone

Mâle métrique cône 60° / AGM 60° Innenkonus / Macho métrico cono 60°



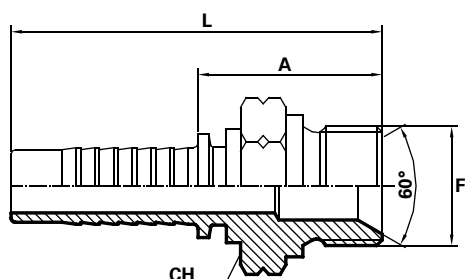
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		CH	A	L	PN bar	PSI
MM0310	5	3/16"	03	M10x1		14	21	45	400	5800
MM0312	5	3/16"	03	M12x1.5		17	24.5	49	400	5800
MM0410	6	1/4"	04	M10x1		14	21	49	400	5800
MM0412	6	1/4"	04	M12x1.5		17	25.5	54	400	5800
MM0414	6	1/4"	04	M14x1.5		19	27	55	400	5800
MM0416	6	1/4"	04	M16x1.5		22	29	57	400	5800
MM0418	6	1/4"	04	M18x1.5		24	29	57	400	5800
MM0514	8	5/16"	05	M14x1.5		19	27	55	350	5000
MM0516	8	5/16"	05	M16x1.5		22	29	57	350	5000
MM0518	8	5/16"	05	M18x1.5		24	29	57	350	5000
MM0614	10	3/8"	06	M14x1.5		19	27	57	400	5800
MM0616	10	3/8"	06	M16x1.5		22	29	59	400	5800
MM0618	10	3/8"	06	M18x1.5		24	29	59	400	5800
MM0620	10	3/8"	06	M20x1.5		27	32	62	350	5000
MM0622	10	3/8"	06	M22x1.5		27	32	62	350	5000
MM0818	12	1/2"	08	M18x1.5		24	29	62	400	5800
MM0820	12	1/2"	08	M20x1.5		27	33	66	350	5000
MM0822	12	1/2"	08	M22x1.5		27	33	66	350	5000
MM0824	12	1/2"	08	M24x1.5		30	36	69	315	4570
MM0826	12	1/2"	08	M26x1.5		32	36	69	315	4570
MM1026	16	5/8"	10	M26x1.5		32	36	72	315	4570
MM1226	20	3/4"	12	M26x1.5		32	37	78	315	4570
MM1230	20	3/4"	12	M30x1.5		36	36	78	250	3500

Maschio metrico SV 60°

Metric male 60° cone

Mâle métrique cône 60° / AGM 60° Innenkonus / Macho métrico cono 60°

2



Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	CH	A	L	PN bar	PSI
MM1638	25	1"	16	M38x1.5	46	37	92	200	2900
MM2045	32	1.1/4"	20	M45x1.5	50	43.5	104	160	2300
MM2452	40	1.1/2"	24	M52x1.5	55	46	117	125	1810

ISO 12151 – SAE J516

DIN 2353 24°

BSP SV 60°

ORFS J1453

SAE J514 JIC

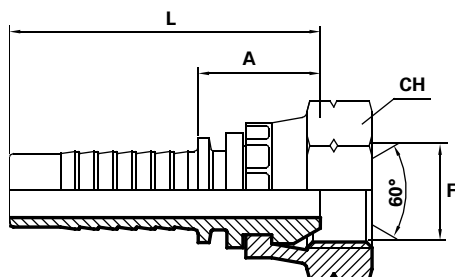
TECHNICAL DATA

Femmina diritta metrica SV 60°

1

Metric Female 60° cone

Femelle droit métrique cône 60° / DKM 60° Konus / Hembra métrica cono 60°



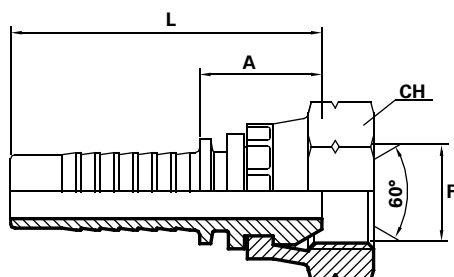
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		CH	A	L	PN bar	PSI
FDM0310	5	3/16"	03	M10x1		15	18	43	350	5000
FDM0312	5	3/16"	03	M12x1.5		17	18	43	350	5000
FDM0410	6	1/4"	04	M10x1		15	18	46	350	5000
FDM0412	6	1/4"	04	M12x1.5		17	18	46	350	5000
FDM0414	6	1/4"	04	M14x1.5		19	18	46	350	5000
FDM0416	6	1/4"	04	M16x1.5		22	19	47	350	5000
FDM0418	6	1/4"	04	M18x1.5		22	19	47	350	5000
FDM0514	8	5/16"	05	M14x1.5		19	18	46	350	5000
FDM0516	8	5/16"	05	M16x1.5		22	19	47	350	5000
FDM0518	8	5/16"	05	M18x1.5		22	19	47	350	5000
FDM0614	10	3/8"	06	M14x1.5		19	19	49	350	5000
FDM0616	10	3/8"	06	M16x1.5		22	20	50	350	5000
FDM0618	10	3/8"	06	M18x1.5		22	20	50	350	5000
FDM0620	10	3/8"	06	M20x1.5		27	21	51	315	4570
FDM0622	10	3/8"	06	M22x1.5		27	21	51	315	4570
FDM0816	12	1/2"	08	M16x1.5		22	20	53	315	4570
FDM0818	12	1/2"	08	M18x1.5		24	20	53	315	4570
FDM0820	12	1/2"	08	M20x1.5		27	22	55	315	4570
FDM0822	12	1/2"	08	M22x1.5		27	22	55	315	4570
FDM0824	12	1/2"	08	M24x1.5		30	23	56	250	3500
FDM0826	12	1/2"	08	M26x1.5		32	24	57	250	3500
FDM1022	16	5/8"	10	M22x1.5		27	22	58	250	3500
FDM1026	16	5/8"	10	M26x1.5		32	24	60	250	3500
FDM1027	16	5.8	10	M27x1.5		32	24	60	250	3500

Femmina diritta metrica SV 60°

Metric Female 60° cone

Femelle droit métrique cône 60° / DKM 60° Konus / Hembra métrica cono 60°

2



* Dado sfilabile + ogiva sferica
Removable nut + spherical seating
Mutter entfernbar + Kugelsitz

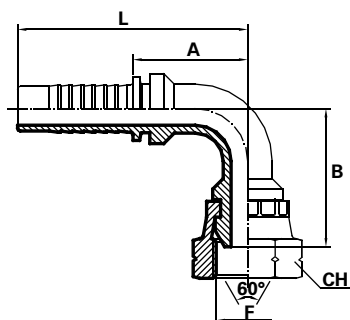
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		CH	D	L	
FDM1226	20	3/4"	12	M26x1.5		32	25	66	
FDM1227	20	3/4"	12	M27x1.5		32	25	66	
FDM1227X2	20	3/4"	12	M27x2		32	25	66	
FDM1230 *	20	3/4"	12	M30x1.5		36	26	67	
FDM1233	20	3/4"	12	M33x1.5		38	27.5	68.5	
FDM1638 *	25	1"	16	M38x1.5		46	37	92	
FDM2045 *	32	1.1/4"	20	M45x1.5		50	32	92.5	
FDM2452 *	40	1.1/2"	24	M52x1.5		60	38.5	109.5	

Femmina 90° metrica SV 60°

1

90° Metric Female swept elbow 60° cone

Femelle 90° métrique cône 60° / DKM 90° Bogen 60° Konus / Hembra métrica 90° - cono 60°



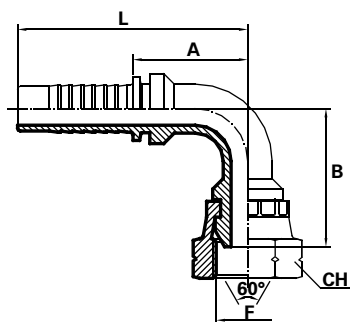
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		CH	B ≈	A ≈	L ≈	PN bar	PSI
F90M0310	5	3/16"	03	M10x1		15	29	23	47.5	350	5000
F90M0312	5	3/16"	03	M12x1.5		17	29	23	47.5	350	5000
F90M0410	6	1/4"	04	M10x1		15	29	23	51	350	5000
F90M0412	6	1/4"	04	M12x1.5		17	29	23	51	350	5000
F90M0414	6	1/4"	04	M14x1.5		19	29	23	51	350	5000
F90M0416	6	1/4"	04	M16x1.5		22	32	23	51	350	5000
F90M0418	6	1/4"	04	M18x1.5		22	32	23	51	350	5000
F90M0514	8	5/16"	05	M14x1.5		19	33.5	31.5	59.5	350	5000
F90M0516	8	5/16"	05	M16x1.5		22	35.5	31.5	59.5	350	5000
F90M0518	8	5/16"	05	M18x1.5		22	35.5	31.5	59.5	350	5000
F90M0520	8	5/16"	05	M20x1.5		27	42	31.5	59.5	350	5000
F90M0614	10	3/8"	06	M14x1.5		19	37	33	63	350	5000
F90M0616	10	3/8"	06	M16x1.5		22	38	33	63	350	5000
F90M0618	10	3/8"	06	M18x1.5		22	38	33	63	350	5000
F90M0620	10	3/8"	06	M20x1.5		27	42	33	63	315	4570
F90M0622	10	3/8"	06	M22x1.5		27	42	33	63	315	4570
F90M0818	12	1/2"	08	M18x1.5		24	43	39	72	315	4570
F90M0820	12	1/2"	08	M20x1.5		27	45	39	72	315	4570
F90M0822	12	1/2"	08	M22x1.5		27	45	39	72	315	4570
F90M0824	12	1/2"	08	M24x1.5		30	47	39	72	250	3500
F90M0826	12	1/2"	08	M26x1.5		32	51	39	72	250	3500
F90M1026	16	5/8"	10	M26x1.5		32	56	49	85	250	3500

Femmina 90° metrica SV 60°

2

90° Metric Female swept elbow 60° cone

Femelle 90° métrique cône 60° / DKM 90° Bogen 60° Konus / Hembra métrica 90° - cono 60°



* Dado sfilabile + ogiva sferica
Removable nut + spherical seating
Mutter entfernbar + Kugelsitz

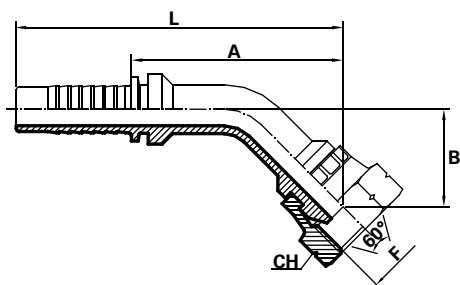
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90M1027	16	5/8"	10	M27x1.5	32	56	49	85	250	3500
F90M1226	20	3/4"	12	M26x1.5	32	59	53.5	94.5	250	3500
F90M1227	20	3/4"	12	M27x1.5	32	59	53.5	94.5	250	3500
F90M1230 *	20	3/4"	12	M30x1.5	36	63	53.5	94.5	—	—
F90M1638 *	25	1"	16	M38x1.5	46	72	73	128	—	—
F90M2045 *	32	1.1/4"	20	M45x1.5	50	89	93	150	—	—
F90M2452 *	40	1.1/2"	24	M52x1.5	55	110	99	170	—	—

Femmina 45° metrica SV 60°

1

45° Metric Female swept elbow 60° cone

Femelle 45° métrique cône 60° / DKM 45° Bogen 60° Konus / Hembra métrica codo 45° asiento 60°



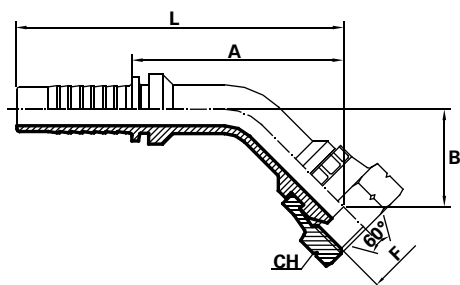
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		CH	B ≈	A ≈	L ≈	PN bar	PSI
F45M0310	5	3/16"	03	M10x1		15	17	40	65	350	5000
F45M0312	5	3/16"	03	M12x1.5		17	17	40	65	350	5000
F45M0410	6	1/4"	04	M10x1		15	17	40	68	350	5000
F45M0412	6	1/4"	04	M12x1.5		17	17	40	68	350	5000
F45M0414	6	1/4"	04	M14x1.5		19	17	40	68	350	5000
F45M0416	6	1/4"	04	M16x1.5		22	20	43	71	350	5000
F45M0418	6	1/4"	04	M18x1.5		22	20	43	71	350	5000
F45M0514	8	5/16"	05	M14x1.5		19	17	40	68	350	5000
F45M0516	8	5/16"	05	M16x1.5		22	20	43	71	350	5000
F45M0518	8	5/16"	05	M18x1.5		22	20	43	71	350	5000
F45M0520	8	5/16"	05	M20x1.5		27	23	43	71	350	5000
F45M0614	10	3/8"	06	M14x1.5		19	20	55	85	350	5000
F45M0616	10	3/8"	06	M16x1.5		22	20	55	85	350	5000
F45M0618	10	3/8"	06	M18x1.5		22	20	55	85	350	5000
F45M0620	10	3/8"	06	M20x1.5		27	23	58	88	315	4570
F45M0622	10	3/8"	06	M22x1.5		27	23	58	88	315	4570
F45M0818	12	1/2"	08	M18x1.5		24	23	65	98	315	4570
F45M0820	12	1/2"	08	M20x1.5		27	23	65	98	315	4570
F45M0822	12	1/2"	08	M22x1.5		27	23	65	98	315	4570
F45M0824	12	1/2"	08	M24x1.5		30	21	66	99	315	3500
F45M0826	12	1/2"	08	M26x1.5		32	21	66	99	250	3500
F45M1026	16	5/8"	10	M26x1.5		32	26	64	100	250	3500

Femmina 45° metrica SV 60

2

45° Metric Female swept elbow 60° cone

Femelle 45° métrique cône 60° / DKM 45° Bogen 60° Konus / Hembra métrica codo 45° asiento 60°



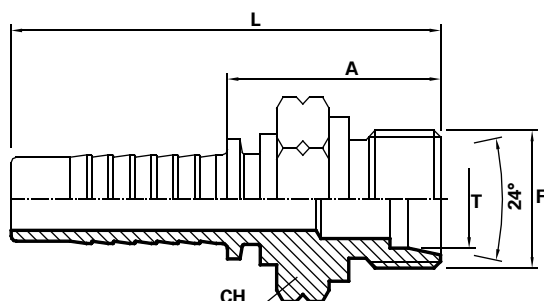
* Dado sfilabile + ogiva sferica
Removable nut + spherical seating
Mutter entfernbar + Kugelsitz

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F		CH	B ≈	A ≈	L ≈	PN bar PSI
F45M1027	16	5/8"	10	M27x1.5		32	26	64	100	250 3500
F45M1226	20	3/4"	12	M26x1.5		32	29	63	104	250 3500
F45M1227	20	3/4"	12	M27x1.5		32	29	63	104	250 3500
F45M1230 *	20	3/4"	12	M30x1.5		36	31	65	105	— —
F45M1638 *	25	1"	16	M38x1.5		46	41	90	145	— —
F45M2045 *	32	1.1/4"	20	M45x1.5		50	45	103	164	— —
F45M2452 *	40	1.1/2"	24	M52x1.5		55	53	119	189	— —

Maschio metrico 24° CEL

Metric Male 24° cone – L type

Mâle métrique cône 24° – série L / CEL 24° Konus metrisch / Macho métrico asiento 24° – serie L

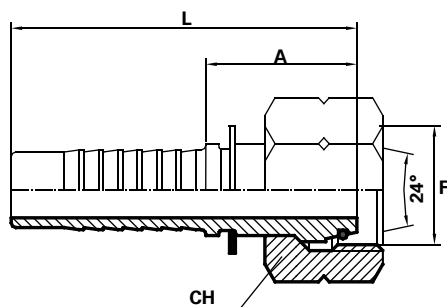


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	A	L		PN bar	PSI
ME0312L6	5	3/16"	03	M12x1.5	6	14	22.5	50		250	3600
ME0314L8	5	3/16"	03	M14x1.5	8	15	23	51		250	3600
ME0412L6	6	1/4"	04	M12x1.5	6	14	23	51		250	3600
ME0414L8	6	1/4"	04	M14x1.5	8	15	23	51		250	3600
ME0416L10	6	1/4"	04	M16x1.5	10	17	25	53		250	3600
ME0418L12	6	1/4"	04	M18x1.5	12	19	26	54		250	3600
ME0514L8	8	5/16"	05	M14x1.5	8	15	23	51		250	3600
ME0516L10	8	5/16"	05	M16x1.5	10	17	25	53		250	3600
ME0518L12	8	5/16"	05	M18x1.5	12	19	26	54		250	3600
ME0616L10	10	3/8"	06	M16x1.5	10	17	25	55		250	3600
ME0618L12	10	3/8"	06	M18x1.5	12	19	25	55.5		250	3600
ME0622L15	10	3/8"	06	M22x1.5	15	24	27	57		250	3600
ME0818L12	12	1/2"	08	M18x1.5	12	22	26	59		250	3600
ME0822L15	12	1/2"	08	M22x1.5	15	24	27.5	60.5		250	3600
ME0826L18	12	1/2"	08	M26x1.5	18	27	27.5	60.5		160	2300
ME1026L18	16	5/8"	10	M26x1.5	18	27	27.5	63.5		160	2300
ME1030L22	16	5/8"	10	M30x2	22	32	31.5	67		160	2300
ME1226L18	20	3/4"	12	M26x1.5	18	27	29	68.5		160	2300
ME1230L22	20	3/4"	12	M30x2	22	32	32	73		160	2300
ME1636L28	25	1"	16	M36x2	28	38	40	92.5		100	1450
ME2045L35	32	1.1/4"	20	M45x2	35	46	41.5	101.5		100	1450
ME2452L42	40	1.1/2"	24	M52x2	42	55	40	107		100	1450

Femmina diritta metrica O-ring 24° DKOL

O-ring straight metric female 24° cone – L type

Femelle droit métrique cône 24° avec O-ring – série L / DKO-L Innengewinde mit O-Ring 24°
Konus / Hembra métrica con O-ring asiento 24° – serie L

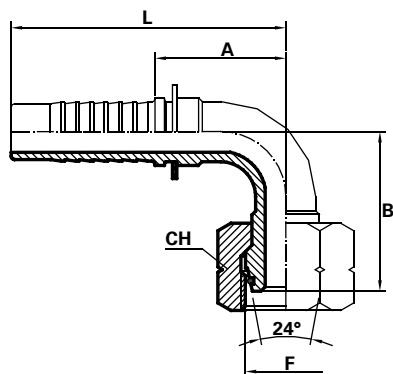


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nennndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	A	L	PN bar	PSI
FE0312L6	5	3/16"	03	M12x1.5	6	14	25.5	50	280	4000
FE0314L8	5	3/16"	03	M14x1.5	8	17	25.5	50	280	4000
FE0412L6 *	6	1/4"	04	M12x1.5	6	17	21	48.5	280	4000
FE0414L8	6	1/4"	04	M14x1.5	8	17	23.5	53	280	4000
FE0416L10	6	1/4"	04	M16x1.5	10	19	26	54	280	4000
FE0418L12	6	1/4"	04	M18x1.5	12	22	26	54	280	4000
FE0514L08 *	8	5/16"	05	M14x1.5	8	19	21.5	49.5	280	4000
FE0516L10	8	5/16"	05	M16x1.5	10	19	26	54	280	4000
FE0518L12	8	5/16"	05	M18x1.5	12	22	26	54	280	4000
FE0616L10 *	10	3/8"	06	M16x1.5	10	19	23.5	53.5	280	4000
FE0618L12	10	3/8"	06	M18x1.5	12	22	26.5	56.5	280	4000
FE0622L15	10	3/8"	06	M22x1.5	15	27	27	57	280	4000
FE0818L12*	12	1/2"	08	M18x1.5	12	22	25.5	58.5	280	4000
FE0822L15	12	1/2"	08	M22x1.5	15	27	27.5	60.5	280	4000
FE0826L18	12	1/2"	08	M26x1.5	18	32	28	61	210	3000
FE1026L18	16	5/8"	10	M26x1.5	18	32	30	64	210	3000
FE1030L22	16	5/8"	10	M30x2	22	36	31	66.5	210	3000
FE1226L18*	20	3/4"	12	M26x1.5	18	32	29	70	210	3000
FE1230L22	20	3/4"	12	M30x2	22	36	31	72	210	3000
FE1636L28	25	1"	16	M36x2	28	41	33.5	88.5	165	2350
FE2045L35	32	1.1/4"	20	M45x2	35	50	38.5	99	125	1800
FE2452L42	40	1.1/2"	24	M52x2	42	60	39	109.5	100	1450

Femmina 90° metrica O-ring 24° DKOL

90° O-ring metric female swept elbow 24° cone – L type

Femelle 90° métrique cône 24° avec O-ring – série L / DKO-L 90° Bogen Innengewinde mit O-Ring 24° Konus / Hembra métrica codo 90° con O-ring asiento 24° – serie L



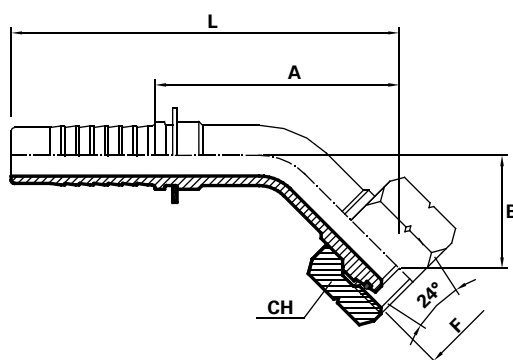
* Dado pinzato
Crimped nut
Mutter gepresst

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca			Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90E0312L6	5	3/16"	03	M12x1.5	6	14	31.5	29.5	53.5	280	4000
F90E0314L8	5	3/16"	03	M14x1.5	8	17	31.5	29.5	53.5	280	4000
F90E0412L6 *	6	1/4"	04	M12x1.5	6	17	31.5	29.5	57	280	4000
F90E0414L8	6	1/4"	04	M14x1.5	8	17	31.5	29.5	57	280	4000
F90E0416L10	6	1/4"	04	M16x1.5	10	19	32.5	29	56.5	280	4000
F90E0418L12	6	1/4"	04	M18x1.5	12	22	30.5	27	55	280	4000
F90E0514L08 *	8	5/16"	05	M14x1.5	8	19	36.7	31.5	59.5	280	4000
F90E0516L10	8	5/16"	05	M16x1.5	10	19	32.5	31	59	280	4000
F90E0518L12	8	5/16"	05	M18x1.5	12	22	37	29	57	280	4000
F90E0616L10 *	10	3/8"	06	M16x1.5	10	19	38	33	63	280	4000
F90E0618L12	10	3/8"	06	M18x1.5	12	22	37.5	35.5	65	280	4000
F90E0622L15	10	3/8"	06	M22x1.5	15	27	42	34	64	280	4000
F90E0818L12	12	1/2"	08	M18x1.5	12	22	49	39	72	280	4000
F90E0822L15	12	1/2"	08	M22x1.5	15	27	44	39.5	72	280	4000
F90E0826L18	12	1/2"	08	M26x1.5	18	32	46.5	39.5	72	210	4000
F90E1026L18	16	5/8"	10	M26x1.5	18	32	50.5	48.5	84	210	4000
F90E1030L22	16	5/8"	10	M30x2	22	36	53	48.5	84	210	4000
F90E1226L18 *	20	3/4"	12	M26x1.5	18	32	63.5	53.5	94.5	210	4000
F90E1230L22	20	3/4"	12	M30x2	22	36	55.5	56.5	97	210	4000
F90E1636L28	25	1"	16	M36x2	28	41	72.5	73	127	165	2350
F90E2045L35	32	1.1/4"	20	M45x2	35	50	86.5	92	152	125	1800
F90E2452L42	40	1.1/2"	24	M52x2	42	60	94	99	170	100	1450

Femmina 45° metrica O-ring 24° DKOL

45° O-ring metric female swept elbow 24° cone – L type

Femelle 45° métrique cône 24° avec O-ring – série L / DKO-L 45° Bogen Innengewinde mit O-Ring 24° Konus / Hembra métrica codo 45° con O-ring asiento 24° – serie L



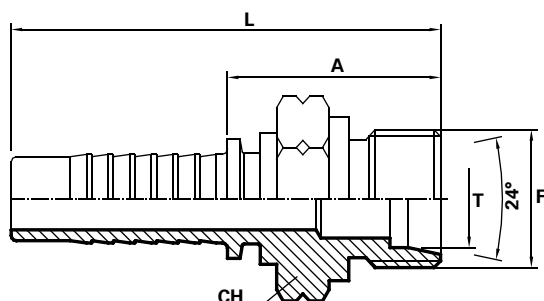
* Dado pinzato
Crimped nut
Mutter gepresst

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45E0312L6	5	3/16"	03	M12x1.5	6	14	15	37	65	280	4000
F45E0314L8	5	3/16"	03	M14x1.5	8	17	15	37	65	280	4000
F45E0412L6 *	6	1/4"	04	M12x1.5	6	17	17	40	68	280	4000
F45E0414L8	6	1/4"	04	M14x1.5	8	17	17	50	78	280	4000
F45E0416L10	6	1/4"	04	M16x1.5	10	19	17	48.5	76	280	4000
F45E0418L12	6	1/4"	04	M18x1.5	12	22	17	48.5	76	280	4000
F45E0514L08	8	5/16"	05	M14x1.5	8	19	23.2	51	79	280	4000
F45E0516L10	8	5/16"	05	M16x1.5	10	19	17	52.5	80	280	4000
F45E0518L12	8	5/16"	05	M18x1.5	12	22	20	50	78	280	4000
F45E0616L10 *	10	3/8"	06	M16x1.5	10	19	20	55	85	280	4000
F45E0618L12	10	3/8"	06	M18x1.5	12	22	17	57	86.5	280	4000
F45E0622L15	10	3/8"	06	M22x1.5	15	27	19	59	88.5	280	4000
F45E0818L12	12	1/2"	08	M18x1.5	12	22	27	65	98	280	4000
F45E0822L15	12	1/2"	08	M22x1.5	15	27	22	64	97	280	4000
F45E0826L18	12	1/2"	08	M26x1.5	18	32	26	65	98	210	3000
F45E1026L18	16	5/8"	10	M26x1.5	18	32	28	61.5	97	210	3000
F45E1030L22	16	5/8"	10	M30x2	22	36	30	63.5	99	210	3000
F45E1226L18	20	3/4"	12	M26x1.5	18	32	33.5	63	104	210	3000
F45E1230L22	20	3/4"	12	M30x2	22	36	27	63	103.5	210	3000
F45E1636L28	25	1"	16	M36x2	28	41	38.5	85.5	140	165	2350
F45E2045L35	32	1.1/4"	20	M45x2	35	50	35	104.5	164.5	125	1800
F45E2452L42	40	1.1/2"	24	M52x2	42	60	45	119	189	100	1450

Maschio metrico 24° CES

Metric male 24° cone – S type

Mâle métrique cône 24° – série S / CES 24° Konus metrisch / Macho métrico asiento 24° – serie S

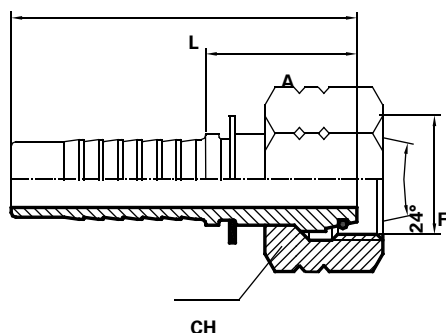


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	A	L		PN bar	PSI
ME0314S6	5	3/16"	03	M14x1.5	6	15	24	50		420	6000
ME0316S8	5	3/16"	03	M16x1.5	8	17	25	50		420	6000
ME0414S6	6	1/4"	04	M14x1.5	6	15	24	53		450	6500
ME0416S8	6	1/4"	04	M16x1.5	8	17	25	53		450	6500
ME0418S10	6	1/4"	04	M18x1.5	10	19	25	53		450	6500
ME0420S12	6	1/4"	04	M20x1.5	12	22	27	55		450	6500
ME0518S10	8	5/16"	05	M18x1.5	10	19	25	53		350	5000
ME0520S12	8	5/16"	05	M20x1.5	12	22	26.5	55		350	5000
ME0618S10	10	3/8"	06	M18x1.5	10	19	26	55		450	6500
ME0620S12	10	3/8"	06	M20x1.5	12	22	27	57		450	6500
ME0622S14	10	3/8"	06	M22x1.5	14	24	29	59.5		450	6500
ME0822S14	12	1/2"	08	M22x1.5	14	24	30	63		420	6000
ME0824S16	12	1/2"	08	M24x1.5	16	27	31	64		420	6000
ME1030S20	16	5/8"	10	M30x2	20	32	33	69		350	5000
ME1230S20	20	3/4"	12	M30x2	20	32	34	75		350	5000
ME1236S25	20	3/4"	12	M36x2	25	38	36	76.5		350	5000
ME1636S25	25	1"	16	M36x2	25	38	38.5	93.5		280	4000
ME1642S30	25	1"	16	M42x2	30	46	42	96		280	4000
ME2042S30	32	1.1/4"	20	M42x2	30	46	42	103		210	3000
ME2052S38	32	1.1/4"	20	M52x2	38	55	46	105		210	3000
ME2452S38	40	1.1/2"	24	M52x2	38	55	46	117		185	2600

Femmina diritta metrica O-ring 24° DKOS

O-ring straight metric Female 24° cone – S type

Femelle droit métrique cône 24° avec O-ring – série S / DKO-S Innengewinde mit O-Ring 24°
Konus / Hembra métrica asiento 24° con O-ring – serie S

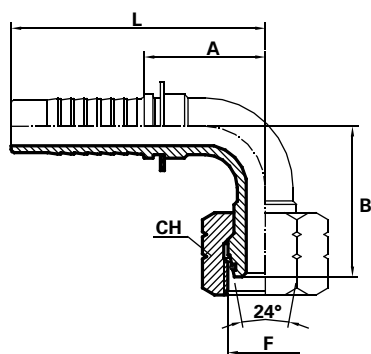


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	A	L		PN bar	PSI
FE0314S6	5	3/16"	03	M14x1.5	6	17	25.5	50		420	6000
FE0316S8	5	3/16"	03	M16x1.5	8	19	25.5	50		420	6000
FE0414S6 *	6	1/4"	04	M14x1.5	6	17	25.5	53		450	6500
FE0416S8	6	1/4"	04	M16x1.5	8	19	26	54		450	6500
FE0418S10	6	1/4"	04	M18x1.5	10	22	26	54		450	6500
FE0420S12	6	1/4"	04	M20x1.5	12	24	26	54		450	6500
FE0518S10	8	5/16"	05	M18x1.5	10	22	26.5	54.5		350	5000
FE0520S12	8	5/16"	05	M20x1.5	12	24	26	54		350	5000
FE0618S10 *	10	3/8"	06	M18x1.5	10	22	26.5	56.5		450	6500
FE0620S12	10	3/8"	06	M20x1.5	12	24	26.5	54.5		450	6500
FE0622S14	10	3/8"	06	M22x1.5	14	27	27	57		450	6500
FE0822S14	12	1/2"	08	M22x1.5	14	27	27.5	60.5		420	6000
FE0824S16	12	1/2"	08	M24x1.5	16	30	32	65		420	6000
FE1030S20	16	5/8"	10	M30x2	20	36	37	73		350	5000
FE1230S20	10	3/4"	12	M30x2	20	36	37.5	78.5		350	5000
FE1236S25	20	3/4"	12	M36x2	25	46	38.5	79.5		350	5000
FE1636S25	25	1"	16	M36x2	25	46	39.5	94.5		280	4000
FE1642S30	25	1"	16	M42x2	30	50	40.5	95.5		280	4000
FE2042S30	32	1.1/4"	20	M42x2	30	50	41.5	102		210	3000
FE2052S38	32	1.1/4"	20	M52x2	38	60	47	107.5		210	3000
FE2452S38	40	1.1/2"	24	M52x2	38	60	47	118		185	2600

Femmina 90° metrica O-ring 24° DKOS

90° O-ring metric Female swept elbow 24° cone – S type

Femelle 90° métrique cône 24° avec O-ring – série S / DKO-S 90° Bogen Innengewinde mit O-Ring 24° Konus / Hembra métrica codo 90° con O-ring asiento 24° – serie S



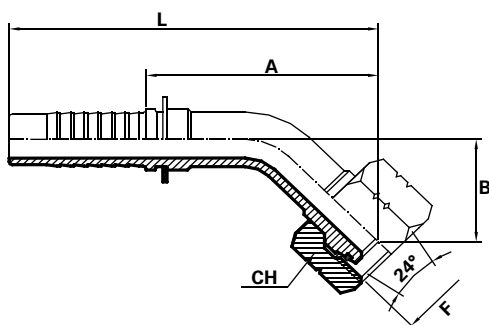
* Dado pinzato
Crimped nut
Mutter gepresst

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90E0314S6	5	3/16"	03	M14x1.5	6	17	31.5	29.5	53.5	420	6000
F90E0316S8	5	3/16"	03	M16x1.5	8	19	31.5	29.5	53.5	420	6000
F90E0414S6*	6	1/4"	04	M14x1.5	6	17	31.5	29.5	57	450	6500
F90E0416S8	6	1/4"	04	M16x1.5	8	19	31.5	29.5	57	450	6500
F90E0418S10	6	1/4"	04	M18x1.5	10	22	32.5	29	56.5	450	6500
F90E0420S12	6	1/4"	04	M20x1.5	12	24	30.5	27	55	450	6500
F90E0518S10	8	5/16"	05	M18x1.5	10	22	32.5	31	59	350	5000
F90E0520S12	8	5/16"	05	M20x1.5	12	24	37	29	57	350	5000
F90E0618S10*	10	3/8"	06	M18x1.5	10	22	38	33	63	450	6500
F90E0620S12	10	3/8"	06	M20x1.5	12	24	37.5	35.5	65	450	6500
F90E0622S14	10	3/8"	06	M22x1.5	14	27	42	34	64	450	6500
F90E0822S14	12	1/2"	08	M22x1.5	14	27	44	39.5	72	420	6000
F90E0824S16	12	1/2"	08	M24x1.5	16	30	45	39.5	72	420	6000
F90E1030S20	16	5/8"	10	M30x2	20	36	56	48.5	84	350	5000
F90E1230S20	20	3/4"	12	M30x2	20	36	59	56.5	97	350	5000
F90E1236S25	20	3/4"	12	M36x2	25	46	59	56.5	97	350	5000
F90E1636S25	25	1"	16	M36x2	25	46	75	73	127	280	4000
F90E1642S30	25	1"	16	M42x2	30	50	75	73	127	280	4000
F90E2042S30	32	1.1/4"	20	M42x2	30	50	86	92	152	210	3000
F90E2052S38	32	1.1/4"	20	M52x2	38	60	86	92	152	210	3000
F90E2452S38	40	1.1/2"	24	M52x2	38	60	94	99	170	185	2600

Femmina 45° metrica O-ring 24° DKOS

45° O-ring metric Female swept elbow 24° cone – S type

Femelle 45° métrique cône 24° avec O-ring – série S / DKO-S 45° Bogen Innengewinde mit O-Ring 24° Konus / Hembra métrica codo 45° con O-ring asiento 24° – serie S



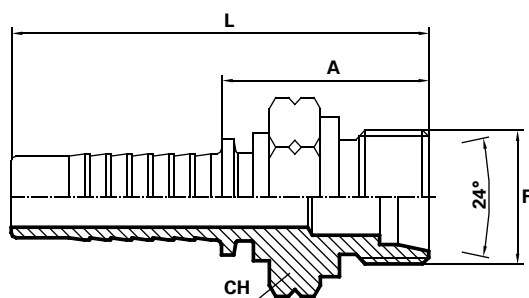
* Dado pinzato
Crimped nut
Mutter gepresst

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45E0314S6	5	3/16"	03	M14x1.5	6	17	15	37	65	420	6000
F45E0316S8	5	3/16"	03	M16x1.5	8	19	15	37	65	420	6000
F45E0414S6*	6	1/4"	04	M14x1.5	6	17	17	40	68	450	6500
F45E0416S8	6	1/4"	04	M16x1.5	8	19	17	50	78	450	6500
F45E0418S10	6	1/4"	04	M18x1.5	10	22	17	48.5	76	450	6500
F45E0420S12	6	1/4"	04	M20x1.5	12	24	17	48.5	76	450	6500
F45E0518S10	8	5/16"	05	M18x1.5	10	22	17	52.5	80	350	5000
F45E0520S12	8	5/16"	05	M20x1.5	12	24	20	50	78	350	5000
F45E0618S10 *	10	3/8"	06	M18x1.5	10	22	20	55	85	450	6500
F45E0620S12	10	3/8"	06	M20x1.5	12	24	17	57	86.5	450	6500
F45E0622S14	10	3/8"	06	M22x1.5	14	27	19	59	88.5	450	6500
F45E0822S14	12	1/2"	08	M22x1.5	14	27	22	65	98	420	6000
F45E0824S16	12	1/2"	08	M24x1.5	16	30	22	66.5	99	420	6000
F45E1030S20	16	5/8"	10	M30x2	20	36	26	64.5	100	350	5000
F45E1230S20	20	3/4"	12	M30x2	20	36	27	64	104.5	350	5000
F45E1236S25	20	3/4"	12	M36x2	25	46	28	70	110	350	5000
F45E1636S25	25	1"	16	M36x2	25	46	38	88.5	143	280	4000
F45E1642S30	25	1"	16	M42x2	30	50	38	89	144	280	4000
F45E2042S30	32	1.1/4"	20	M42x2	30	50	35	104.5	164.5	210	3000
F45E2052S38	32	1.1/4"	20	M52x2	38	60	35	104.5	164.5	210	3000
F45E2452S38	40	1.1/2"	24	M52x2	38	60	45	119	189	185	2600

Maschio metrico SV 24° – serie francese

Metric Male 24° cone – French type

Mâle métrique cône 24° – série français / AGF 24° Innenkonus (französische Serie) / Macho métrico asiento 24° – serie francesa

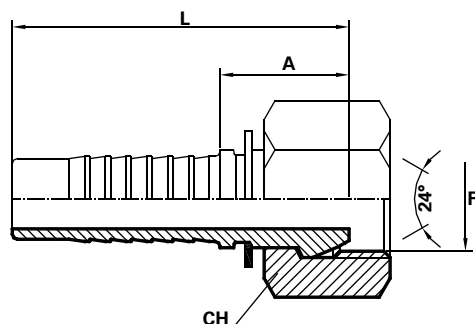


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión			
	DN	Pollici Inches	Diam. Size	F	T	CH	A	L		
ME0413F	6	1/4"	04	M20x1.5	13	22	26.7	55.2		
ME0513F	8	5/16"	05	M20x1.5	13	22	26.7	55.2		
ME0613F	10	3/8"	06	M20x1.5	13	22	26.7	57.2		
ME0617F	10	3/8"	06	M24x1.5	17	27	30.2	60.7		
ME0817F	12	1/2"	08	M24x1.5	17	27	30.7	63.7		
ME0821F	12	1/2"	08	M30x1.5	21	32	31.2	64.2		
ME1021F	16	5/8"	10	M30x1.5	21	32	31.2	67.2		
ME1221F	20	3/4"	12	M30x1.5	21	32	31.7	73.2		
ME1227F	20	3/4"	12	M36x1.5	27	38	31.7	73.2		
ME1633F	25	1"	16	M45x1.5	33	46	37.2	92.2		
ME2033F	32	1.1/4"	20	M45x1.5	33	46	38.2	99.2		

Femmina diritta metrica SV 24° – serie francese

Straight Metric Female 24° cone – French type

Femelle droit métrique cône 24° – série français / DKM mit 24° Konus (französische Serie) /
Hembra métrica recta asiento 24° – serie francesa

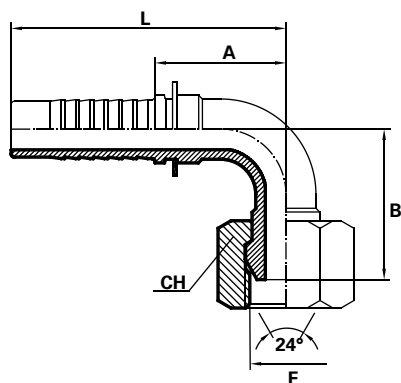


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	CH	A	L	
FE0413F	6	1/4"	04	M20x1.5	24	23.5	51.5	
FE0513F	8	5/16"	05	M20x1.5	24	23.5	51.5	
FE0613F	10	3/8"	06	M20x1.5	24	23.5	53.5	
FE0617F	10	3/8"	06	M24x1.5	30	27	57	
FE0817F	12	1/2"	08	M24x1.5	30	27.5	60.5	
FE0821F	12	1/2"	08	M30x1.5	36	31	64	
FE1021F	16	5/8"	10	M30x1.5	36	31	67	
FE1221F	20	3/4"	12	M30x1.5	36	31.5	72.5	
FE1227F	20	3/4"	12	M36x1.5	41	34	75	
FE1633F	25	1"	16	M45x1.5	50	34	89	
FE2033F	32	1.1/4"	20	M45x1.5	50	34	95	

Femmina 90° metrica SV 24° – serie francese

90° metric Female swept elbow 24° cone – French type

Femelle 90° métrique cône 24° – série français / DKF 90° Bogen (französische Serie) / Hembra métrica codo 90° asiento 24° – serie francesa

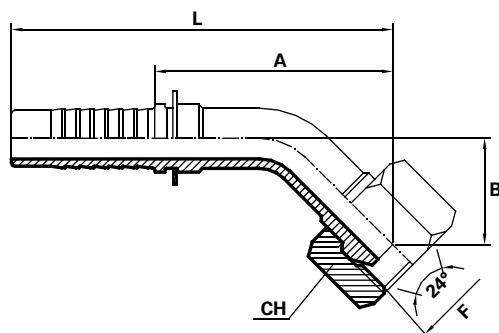


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión					
	DN	Pollici Inches	Diam. Size	F	CH	B ≈	A ≈	L ≈	
F90E0413F	6	1/4"	04	M20x1.5	24	32.5	27	55	
F90E0513F	8	5/16"	05	M20x1.5	24	39	29	57	
F90E0613F	10	3/8"	06	M20x1.5	24	39.5	35.5	65	
F90E0617F	10	3/8"	06	M24x1.5	30	48	36	69	
F90E0817F	12	1/2"	08	M24x1.5	30	48	39.5	72	
F90E0821F	12	1/2"	08	M30x1.5	36	61	45.5	81	
F90E1021F	16	5/8"	10	M30x1.5	36	61	48.5	84	
F90E1221F	20	3/4"	12	M30x1.5	36	64	56.5	97	
F90E1227F	20	3/4"	12	M36x1.5	41	64	56.5	97	
F90E1633F	25	1"	16	M45x1.5	50	91	86	146	
F90E2033F	32	1.1/4"	20	M45x1.5	50	91	92	152	

Femmina 45° metrica SV 24° – serie francese

45° metric Female swept elbow 24° cone – French type

Femelle 45° métrique cône 24° – série français / DKF 45° Bogen (französische Serie) / Hembra métrica codo 45° asiento 24° – serie francesa

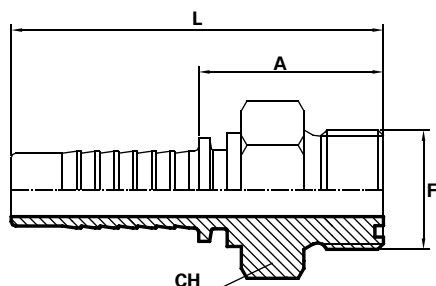


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	CH	B ≈	A ≈	L ≈
F45E0413F	6	1/4"	04	M20x1.5	24	18.5	50	77.5
F45E0513F	8	5/16"	05	M20x1.5	24	21	52	79
F45E0613F	10	3/8"	06	M20x1.5	24	18.5	58.5	88
F45E0617F	10	3/8"	06	M24x1.5	30	24	65.5	98
F45E0817F	12	1/2"	08	M24x1.5	30	24	68.5	101
F45E0821F	12	1/2"	08	M30x1.5	36	29	68	102
F45E1021F	16	5/8"	10	M30x1.5	36	29	68	103.5
F45E1221F	20	3/4"	12	M30x1.5	36	30	69	108
F45E1227F	20	3/4"	12	M36x1.5	41	31	73	113
F45E1633F	25	1"	16	M45x1.5	50	36	101	161
F45E2033F	32	1.1/4"	20	M45x1.5	50	38	107	167

Maschio ORFS

ORFS Male

Mâle ORFS / AG-ORFS stirndichtend / Macho ORFS

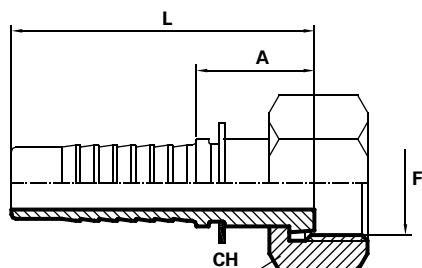


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
MORFS0406	6	1/4"	04	9/16"	18	17	24	52		450 6500
MORFS0409	6	1/4"	04	11/16"	16	19	27.5	55.5		450 6500
MORFS0509	8	5/16"	05	11/16"	16	19	27.5	55.5		350 5000
MORFS0609	10	3/8"	06	11/16"	16	19	27.5	57.5		445 6450
MORFS0611	10	3/8"	06	13/16"	16	22	30.5	60.5		445 6450
MORFS0613	10	3/8"	06	1"	14	27	33.5	63.5		445 6450
MORFS0811	12	1/2"	08	13/16"	16	27	34	67		415 6000
MORFS0813	12	1/2"	08	1"	14	27	31.5	67		415 6000
MORFS0814	12	1/2"	08	1.3/16"	16	32	36	68.5		415 6000
MORFS1013	16	5/8"	10	1"	14	27	34	70		350 5000
MORFS1014	16	5/8"	10	1.3/16"	12	32	37	73		350 5000
MORFS1214	20	3/4"	12	1.3/16"	12	32	38	79		350 5000
MORFS1215	20	3/4"	12	1.7/16"	12	41	38.5	79.5		350 5000
MORFS1615	25	1"	16	1.7/16"	12	41	39.5	94		280 4000
MORFS2021	32	1.1/4"	20	1.11/16"	12	46	40	101		210 3000
MORFS2432	40	1.1/2"	24	2"	12	55	43	114		185 2700

Femmina diritta ORFS

Straight ORFS female

Femelle droit ORFS / DK-ORFS (UNF-Gewinde) / Hembra recta ORFS

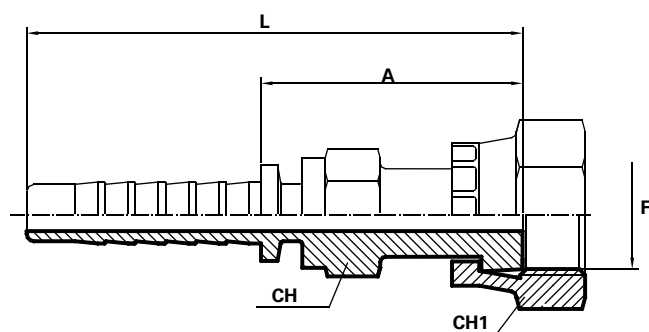


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size	F	Nfxp	CH	A	L	PN bar	PSI
FORFS0406	6	1/4"	04	9/16"	18	17	20.5	48.5	450	6500
FORFS0409	6	1/4"	04	11/16"	16	22	23	51	450	6500
FORFS0509	8	5/16"	05	11/16"	16	22	23	51	350	5000
FORFS0609	10	3/8"	06	11/16"	16	22	23.5	53.5	445	6450
FORFS0611	10	3/8"	06	13/16"	16	24	26	56	445	6450
FORFS0811	12	1/2"	08	13/16"	16	24	26.5	59.5	415	6450
FORFS0813	12	1/2"	08	1"	14	30	30	63	415	6000
FORFS0814	12	1/2"	08	1.3/16"	12	36	32.5	65	415	6000
FORFS1013	16	5/8"	10	1"	14	30	30	66	350	5000
FORFS1014	16	5/8"	10	1.3/16"	12	36	32	68.5	350	5000
FORFS1214	20	3/4"	12	1.3/16"	12	36	33	74	350	5000
FORFS1215	20	3/4"	12	1.7/16"	12	41	34	75	350	5000
FORFS1615	25	1"	16	1.7/16"	12	41	35	90	280	4000
FORFS1621	25	1"	20	1.11/16"	12	50	35	90	210	3000
FORFS2021	32	1.1/4"	20	1.11/16"	12	50	35.5	96	210	3000
FORFS2432	40	1.1/2"	24	2"	12	60	37	108	185	2700

Femmina diritta ORFS – doppio esagono

ORFS straight Female – double exagon

Femelle droit ORFS – double hexagon / DK-ORFS mit Kontersechskant / Hembra recta ORFS – doble tuerca

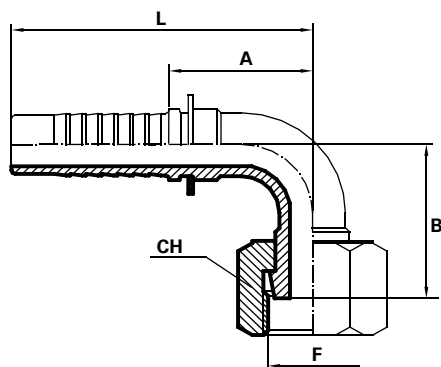


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	Nfxp	CH	CH1	A	L	PN bar	PSI
FORFS0406GIR	6	1/4"	04	9/16"	18	19	19	30	58	–	–
FORFS0609GIR	10	3/8"	06	11/16"	16	22	22	34	64	–	–
FORFS0811GIR	12	1/2"	08	13/16"	16	24	24	41	74	–	–

Femmina 90° ORFS

90° ORFS female

Femelle 90° ORFS / DK 90° Bogen ORFS (UNF) stirndichtend / Hembra ORFS codo 90°

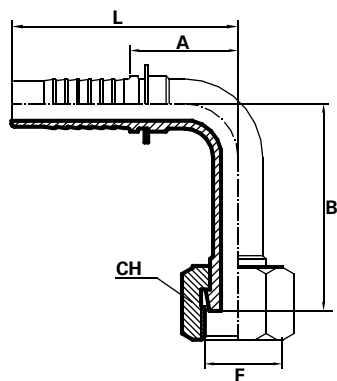


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F90ORFS0406	6	1/4"	04	9/16"	18	17	29.5	28	56	450	6500
F90ORFS0409	6	1/4"	04	11/16"	16	22	30	28	56	450	6500
F90ORFS0509	8	5/16"	05	11/16"	16	22	29	29	56.5	350	5000
F90ORFS0609	10	3/8"	06	11/16"	16	22	29	36	66	445	6450
F90ORFS0611	10	3/8"	06	13/16"	16	24	32	34	64	445	6450
F90ORFS0811	12	1/2"	08	13/16"	16	24	36	37.5	70.5	415	6450
F90ORFS0813	12	1/2"	08	1"	14	30	39	39	72	415	6000
F90ORFS0814	12	1/2"	08	1.3/16"	12	36	41	38	71	415	6000
F90ORFS1013	16	5/8"	10	1"	14	30	43.5	51.5	87.5	350	5000
F90ORFS1014	16	5/8"	10	1.3/16"	12	36	48	46.5	82.5	350	5000
F90ORFS1214	20	3/4"	12	1.3/16"	12	36	49	56	96.5	350	5000
F90ORFS1215	20	3/4"	12	1.7/16"	12	41	54	56.5	97	350	5000
F90ORFS1615	25	1"	16	1.7/16"	12	41	59.5	74	129	280	4000
F90ORFS2021	32	1.1/4"	20	1.11/16"	12	50	75.5	90	150.5	210	3000
F90ORFS2432	40	1.1/2"	24	2"	12	60	84	99	170	185	2700

Femmina 90° ORFS long drop

90° ORFS female (long drop)

Femelle 90° ORFS (long drop) / DK 90° Bogen (long drop) ORFS (UNF) stirndichtend / Hembra ORFS codo 90°

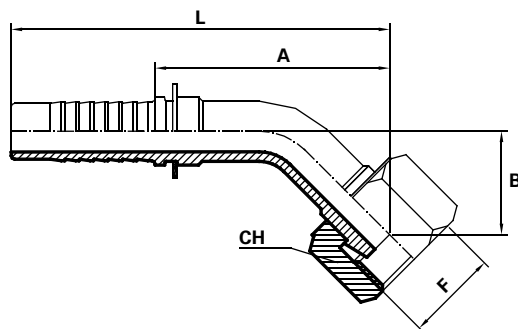


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión							
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A ≈	B ≈	L ≈	PN bar	PSI
F90ORFS0406LD	6	1/4"	04	9/16"	18	17	24.5	45.5	52.5	450	6500
F90ORFS0609LD	10	3/8"	06	11/16"	16	22	32.5	53.5	61.5	445	6450
F90ORFS0611LD	10	3/8"	06	13/16"	16	24	32	53.5	62	445	6450
F90ORFS0811LD	12	1/2"	08	13/16"	16	24	37	63.5	70	415	6450
F90ORFS0813LD	12	1/2"	08	1"	14	30	37	64	70	415	6000
F90ORFS1013LD	16	5/8"	10	1"	14	30	41	69	77	350	5000
F90ORFS1014LD	16	5/8"	10	1.3/16"	12	36	41	73	77	350	5000
F90ORFS1214LD	20	3/4"	12	1.3/16"	12	36	45.5	96	86.5	350	5000
F90ORFS1615LD	25	1"	16	1.7/16"	12	41	58.5	113.5	113.5	280	4000

Femmina 45° ORFS

45° ORFS female

Femelle 45° ORFS / DK 45° Bogen ORFS (UNF) stirndichtend / Hembra ORFS codo 45°

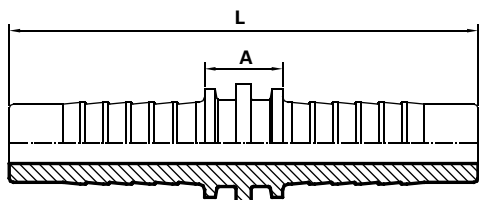


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nennndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
F45ORFS0406	6	1/4"	04	9/16"	18	17	15	45	73	450	6500
F45ORFS0409	6	1/4"	04	11/16"	16	22	15.5	45.5	73.5	450	6500
F45ORFS0509	8	5/16"	05	11/16"	16	22	15.5	46	74	350	5000
F45ORFS0609	10	3/8"	06	11/16"	16	22	13	51	81	445	6450
F45ORFS0611	10	3/8"	06	13/16"	16	24	17	52	82	445	6450
F45ORFS0811	12	1/2"	08	13/16"	16	24	18	58	91	415	6450
F45ORFS0813	12	1/2"	08	1"	14	30	20	61	94	415	6000
F45ORFS0814	12	1/2"	08	1.3/16"	12	36	24	62	95	415	6000
F45ORFS1013	16	5/8"	10	1"	14	30	20	55	91	350	5000
F45ORFS1014	16	5/8"	10	1.3/16"	12	36	21	57	93	350	5000
F45ORFS1214	20	3/4"	12	1.3/16"	12	36	23	58	98	350	5000
F45ORFS1215	20	3/4"	12	1.7/16"	12	41	27	62.5	103	350	5000
F45ORFS1615	25	1"	16	1.7/16"	12	41	26	81	136	280	4000
F45ORFS2021	32	1.1/4"	20	1.11/16"	12	50	34	93	152.5	210	3000
F45ORFS2432	40	1.1/2"	24	2"	12	60	45	112	182	185	2700

Giunzione tubo diritta

Double connector

Jonction tuyaux droit / Verbindungsnippel / Conector doble

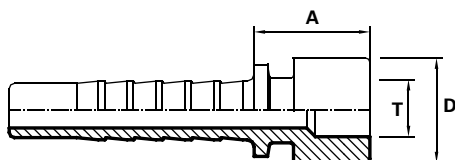


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size			A	L		PN bar PSI
GD04	6	1/4"	04			14	70		450 6500
GD05	8	5/16"	05			14	70		350 5000
GD06	10	3/8"	06			15	75		445 6450
GD08	12	1/2"	08			20	86		415 6000
GD10	16	5/8"	10			16	88		350 5000
GD12	20	3/4"	12			18	100		350 5000
GD16	25	1"	16			20	130		280 4000
GD20	32	1.1/4"	20			21	143		210 3000

Codolo a saldare

Brazing tail

Queue à souder / Schweißnippel / Espiga soldable

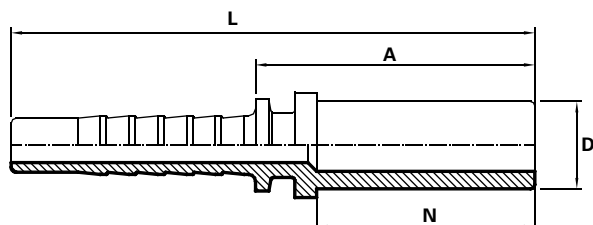


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	T	A	D
CS03	5	3/16 "	03	—	14.5	12
CS04	6	1/4"	04	—	12.5	12
CS04T8	6	1/4"	04	8	12.5	12
CS05	8	5/16"	05	—	13.5	14
CS05T10	8	5/16"	05	10	15	32
CS06	10	3/8"	05	—	14.5	16
CS06T10	10	3/8"	06	10	14.5	16
CS06T12	10	3/8"	06	12	14.5	16
CS08	12	1/2"	08	—	16	20
CS08T14	12	1/2"	08	14	16	20
CS08T15	12	1/2"	08	15	16	20
CS08T16	12	1/2"	08	16	16	20
CS10	16	5/8"	10	—	18	24
CS12	20	3/4"	12	—	15.5	26
CS16	25	1"	16	—	22	32
CS20	32	1.1/4"	20	—	21.5	40
CS24	40	1.1/2"	24	—	21.5	46
CS32	50	2"	32	—	23	60

Ermeto diritto francese

Straight Standpipe – French type

Embout lisse droit – série français / Französischer Rohrstutzen / Espiga lisa recta – serie francesa



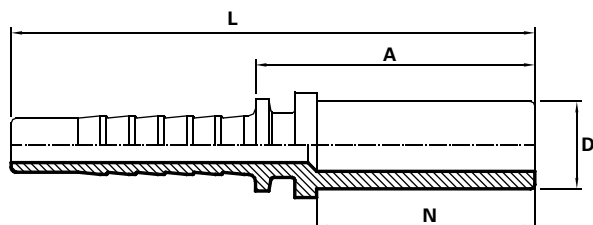
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión					
	DN	Pollici Inches	Diam. Size		D	N	A	L	
PDL0413F	6	1/4"	04		13	22	29.5	58	
PDL0513F	8	5/16"	05		13	22	29.5	58	
PDL0613F	10	3/8"	06		13	22	29.5	60	
PDL0617F	10	3/8"	06		17	24	31.5	62	
PDL0817F	12	1/2"	08		17	24	32.5	65.5	
PDL0821F	12	1/2"	08		21	26	34.5	67.5	
PDL1021F	16	5/8"	10		21	26	34.5	70.5	
PDL1221F	20	3/4"	12		21	26	35.3	76.3	
PDL1227F	20	3/4"	12		26	25	34.3	75.3	
PDL1633F	25	1"	16		33	27	37.3	92.3	
PDL2033F	32	1.1/4"	20		33	27	38	99	

Ermeto diritto

Straight Standpipe

Embout lisse droit / Rohrstutzen (BEL/BES) / Espiga lisa recta

1



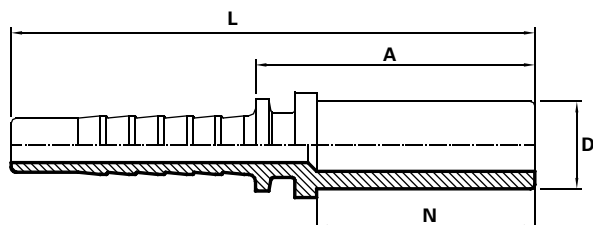
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size		D	N	A	L	PN bar	PSI
PDL0306	5	3/16"	03		6	24	30	55	415	6000
PDL0308	5	3/16"	03		8	24	30	55	415	6000
PDL0406	6	1/4"	04		6	22.5	30.5	58.5	320	4640
PDL0408	6	1/4"	04		8	23	30.5	58.5	450	6500
PDL0410	6	1/4"	04		10	25	32	59.5	450	6500
PDL0412	6	1/4"	04		12	25	32	60	450	6500
PDL0508	8	5/16"	05		8	23	30	58	—	—
PDL0510	8	5/16"	05		10	25	32	60	350	5000
PDL0512	8	5/16"	05		12	25	32	60	350	5000
PDL0610	10	3/8"	06		10	25.5	33	63	330	4790
PDL0612	10	3/8"	06		12	25	32.5	62	445	6450
PDL0614	10	3/8"	06		14	28	35.5	65.5	445	6450
PDL0615	10	3/8"	06		15	25.5	33	63	250	3500
PDL0812	12	1/2"	08		12	25	33	66	—	—
PDL0814	12	1/2"	08		14	28	36	69	275	4000
PDL0815	12	1/2"	08		15	25.5	33.5	66.5	250	3500
PDL0816	12	1/2"	08		16	31	39	72	415	6000
PDL0818	12	1/2"	08		18	27	35.5	68.5	160	2300
PDL1018	16	5/8"	10		18	28	36	71.5	160	2300
PDL1020	16	5/8"	10		20	35	43.5	79.5	350	5000
PDL1022	16	5/8"	10		22	29	38	74	160	2300
PDL1218	20	3/4"	12		18	26	34.5	75	160	2300

Ermeto diritto

Straight Standpipe

Embout lisse droit / Rohrstutzen (BEL/BES) / Espiga lisa recta

2

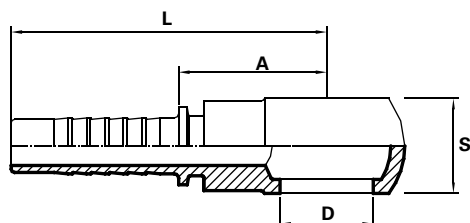


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size		D	N	A	L	PN bar	PSI
PDL1220	20	3/4"	12		20	35	44	84.5	215	3120
PDL1222	20	3/4"	12		22	29.5	38	80	160	2300
PDL1225	20	3/4"	12		25	41	51	91.5	350	5000
PDL1625	25	1"	16		25	39.5	50	105	165	2400
PDL1628	25	1"	16		28	30.5	41	96	100	1450
PDL1630	25	1"	16		30	43.5	54	109	250	3500
PDL2030	32	1.1/4"	20		30	43	54.5	115	210	3000
PDL2035	32	1.1/4"	20		35	35.5	46.5	106.5	100	1450
PDL2038	32	1.1/4"	20		38	48	60	120	210	3000
PDL2438	40	1.1/2"	24		38	48	60	131	170	2475
PDL2442	40	1.1/2"	24		42	36	47	118	100	1450

Occhio BSPP

BSPP Banjo

Banjo vis BSPP / Ringnippel für Hohlschraube zöllig (BSP/RNR) / Esferico BSPP



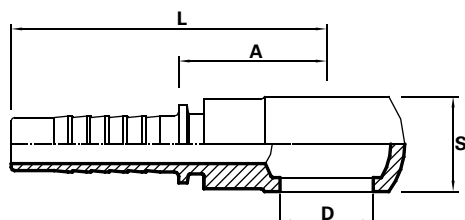
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		D	S	A	L
OG0302	5	3/16"	03	1/8"		10	10	19.5	45
OG0304	5	3/16"	03	1/4"		13.2	14	22.5	47.5
OG0402	6	1/4"	04	1/8"		10	10	24	52
OG0404	6	1/4"	04	1/4"		13.2	14	23	51
OG0406	6	1/4"	04	3/8"		16.7	17	26.5	54.5
OG0408	6	1/4"	04	1/2"		21	22	32.5	58.5
OG0504	8	5/16"	05	1/4"		13.2	14	24	54
OG0506	8	5/16"	05	3/8"		16.7	17	26.5	54.5
OG0508	8	5/16"	05	1/2"		21	22	27.5	58.5
OG0604	10	3/8"	06	1/4"		13.2	14	31.5	56.5
OG0606	10	3/8"	06	3/8"		16.7	17	26.5	56.5
OG0608	10	3/8"	06	1/2"		21	22	27.5	57.5
OG0806	12	1/2"	08	3/8"		16.7	17	31	64
OG0808	12	1/2"	08	1/2"		21	22	33	66
OG0810	12	1/2"	08	5/8"		23.3	25	32.5	59.5
OG0812	12	1/2"	08	3/4"		26.5	30	34.5	66.5
OG1008	16	5/8"	10	1/2"		23.3	25	32.5	64
OG1010	16	5/8"	10	5/8"		21	22	31.5	63.5
OG1012	16	5/8"	10	3/4"		26.5	30	34.5	70.5
OG1212	20	3/4"	12	3/4"		26.5	30	35	76
OG1216	20	3/4"	12	1"		33.4	38	48	89
OG1612	25	1"	16	3/4"		-	-	-	-
OG1616	25	1"	16	1"		33.4	38	43	98
OG2020	32	1.1/4"	20	1.1/4"		42.1	47	57.7	118.2

Occhio metrico

Metric Banjo

Banjo vis métrique / Ringnippel für Hohlschraube metrisch (RNM) / Esferico métrico

1



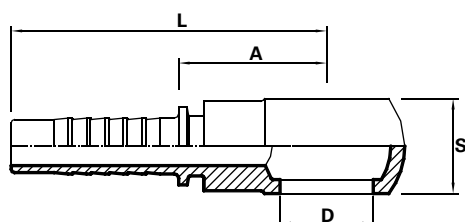
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	D	S	A	L
OM0310	5	3/16"	03	M10x1	10.1	10	19.5	45
OM0312	5	3/16"	03	M12x1.5	12.1	12	21	46
OM0314	5	3/16"	03	M14x1.5	14.1	14	23	47.5
OM0410	6	1/4"	04	M10x1	10.1	10	24	52
OM0412	6	1/4"	04	M12x1.5	12.1	11	23	51
OM0414	6	1/4"	04	M14x1.5	14.1	14	23	51
OM0416	6	1/4"	04	M16x1.5	16.1	17	25	53
OM0418	6	1/4"	04	M18x1.5	18.1	20	29	56
OM0512	8	5/16"	05	M12x1.5	12.1	12	23	52
OM0514	8	5/16"	05	M14x1.5	14.1	14	24.5	52.5
OM0516	8	5/16"	05	M16x1.5	16.1	17	27	55
OM0518	8	5/16"	05	M18x1.5	18.1	20	29	56
OM0520	8	5/16"	05	M20x1.5	20.1	22	28	58.5
OM0522	8	5/16"	05	M22x1.5	22.1	22	28	56
OM0614	10	3/8"	06	M14x1.5	14.1	14	27	58.5
OM0616	10	3/8"	06	M16x1.5	16.1	17	27	57
OM0618	10	3/8"	06	M18x1.5	18.1	20	28	58
OM0620	10	3/8"	06	M20x1.5	20.1	22	28.5	57.5
OM0622	10	1/2"	06	M22x1.5	22.1	22	28.5	57.5
OM0816	12	1/2"	08	M16x1.5	16.1	17	27	61.5
OM0818	12	1/2"	08	M18x1.5	18.1	20	30	66
OM0820	12	1/2"	08	M20x1.5	20.1	22	34	66
OM0822	12	1/2"	08	M22x1.5	22.1	22	34	65
OM0826	12	1/2"	08	M26x1.5	26.5	30	34.5	65.5

Occhio metrico

Metric Banjo

Banjo vis métrique / Ringnippel für Hohlschraube metrisch (RNM) / Esferico métrico

2



Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F		D	S	A	L
OM1022	16	5/8"	10	M22x1.5		22.1	22	34	67.5
OM1026	16	5/8"	10	M26x1.5		26.5	30	34.5	70.5
OM1226	20	3/4"	12	M26x1.5		26.5	30	35	76
OM1230	20	3/4"	12	M30x1.5		30.1	36	41.5	82.5
OM1630	25	1"	16	M30x1.5		30.1	36	41.5	96.5

DIN 2353 24°

BSP SV 60°

ORFS J1453

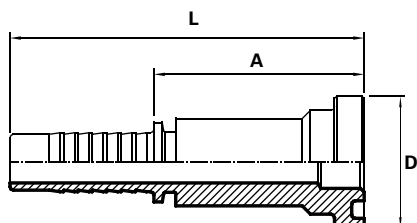
SAE J514 JIC

TECHNICAL DATA

Flangia diritta SAE J518 - 3000 PSI intera

Straight Flange 3000 PSI (one-piece)

Bride droit 3000 PSI (pièce entier) / SFL Flanschanschluss 3000 PSI (einteilig) / Brida recta 3000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

*** Flangia diritta KOMATSU**

Straight KOMATSU Flange

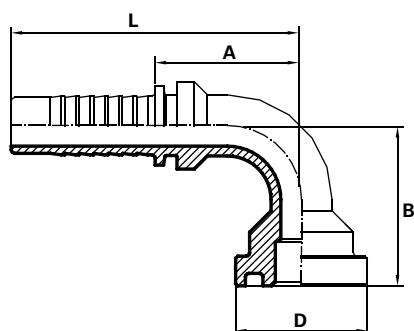
Bride KOMATSU / KOMATSU Flanschanschluss /
Brida KOMATSU

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		D	A	L	PN bar	PSI
FDL0808I	12	1/2"	08	1/2"		30.2	49	82	350	5000
FDL0810I *	12	1/2"	08	5/8"		34	48	81	350	5000
FDL0812I	12	1/2"	08	3/4"		38.1	52	84	350	5000
FDL1008I	16	5/8"	10	1/2"		30.2	49	85	350	5000
FDL1010I *	16	5/8"	10	5/8"		34	49	85	350	5000
FDL1012I	16	5/8"	10	3/4"		38.1	48	84	350	5000
FDL1208I	20	3/4"	12	1/2"		30.2	47	88	350	5000
FDL1212I	20	3/4"	12	3/4"		38.1	47	88	350	5000
FDL1216I	20	3/4"	12	1"		44.5	50	91	350	5000
FDL1612I	25	1"	16	3/4"		38.1	50	103	280	4000
FDL1616I	25	1"	16	1"		44.5	50	105	280	4000
FDL1620I	25	1"	16	1.1/4"		50.8	67	120	280	4000
FDL2016I	32	1.1/4"	20	1"		44.5	57	117	210	3000
FDL2020I	32	1.1/4"	20	1.1/4"		50.8	65	125	210	3000
FDL2024I	32	1.1/4"	20	1.1/2"		60.3	70	130	210	3000
FDL2420I	40	1.1/2"	24	1.1/4"		50.8	70	141	185	2700
FDL2424I	40	1.1/2"	24	1.1/2"		60.3	70	141	185	2700
FDL2432I	40	1.1/2"	24	2"		71.4	72	143	185	2700
FDL3232I	50	2"	32	2"		71.4	73	153	170	2465

Flangia 90° SAE J518 - 3000 PSI intera

90° Flange SAE 3000 PSI (one-piece)

Bride 90° 3000 PSI (pièce entier) / SFL 90° Flanschanschluss 3000 PSI (einteilig) / Brida 90° 3000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

* Flangia diritta KOMATSU

Straight KOMATSU Flange

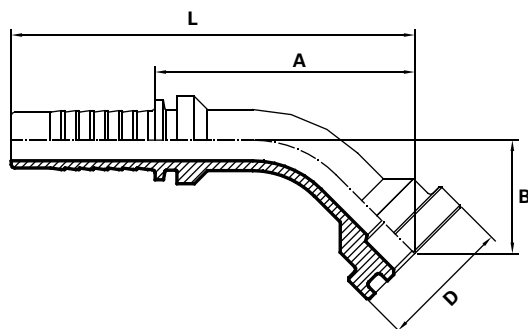
Bride KOMATSU / KOMATSU Flanschanschluss /
Brida KOMATSU

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nennndruck Presión		
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
F90L0808I	12	1/2"	08	1/2"		30.2	43	39	72	350	5000
F90L0810I *	12	1/2"	08	5/8"		34	47	39	72	350	5000
F90L0812I	12	1/2"	08	3/4"		38.1	50	39	72	350	5000
F90L1008I	16	5/8"	10	1/2"		30.2	49	49	85	350	5000
F90L1010I *	16	5/8"	10	5/8"		34	52	49	85	350	5000
F90L1012I	16	5/8"	10	3/4"		38.1	55	49	85	350	5000
F90L1208I	20	3/4"	12	1/2"		30.2	52	57	98	350	5000
F90L1212I	20	3/4"	12	3/4"		38.1	58	57	98	350	5000
F90L1216I	25	3/4"	12	1"		44.5	62	57	98	350	5000
F90L1612I	25	1"	16	3/4"		38.1	60	77	132	280	4000
F90L1616I	25	1"	16	1"		44.5	64	77	132	280	4000
F90L1620I	25	1"	16	1.1/4"		50.8	70	77	132	280	4000
F90L2016I	32	1.1/4"	16	1"		44.5	82	89	150	210	3000
F90L2020I	32	1.1/4"	20	1.1/4"		50.8	87	89	150	210	3000
F90L2024I	32	1.1/4"	20	1.1/2"		60.3	88	89	150	210	3000
F90L2424I	40	1.1/2"	24	1.1/2"		60.3	102	101	172	185	2700
F90L2432I	40	1.1/2"	24	2"		71.4	118	101	172	185	2700
F90L3232I	50	2"	32	2"		71.4	120	144	224	170	2475

Flangia 45° SAE J518 - 3000 PSI intera

45° Flange 3000 PSI (one-piece)

Bride 45° 3000 PSI (pièce entier) / SFL 45° Flanschanschluss 3000 PSI einteilig / Brida 45° 3000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

*** Flangia 45° KOMATSU**

45° KOMATSU Flange

Bride 45° KOMATSU / 45° KOMATSU Flanschanschluss /
Brida 45° KOMATSU

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size	F	D	B ≈	A ≈	L ≈	PN bar	PSI
F45L0808I	12	1/2"	08	1/2"	30.2	23	63	96	350	5000
F45L0810I *	12	1/2"	08	5/8"	34	25	68	101	350	5000
F45L0812I	12	1/2"	08	3/4"	38.1	28	68	101	350	5000
F45L1008I	16	5/8"	10	1/2"	30.2	26	59	95	350	5000
F45L1010I *	16	5/8"	10	5/8 "	34	30	63	99	350	5000
F45L1012I	16	5/8"	10	3/4"	38.1	30	63	99	350	5000
F45L1208I	20	3/4"	12	1/2"	30.2	28	63	104	350	5000
F45L1212I	20	3/4"	12	3/4"	38.1	32	67	108	350	5000
F45L1216I	25	3/4"	12	1"	44.5	35	70	111	350	5000
F45L1612I	25	1"	16	3/4"	38.1	35	83	138	280	4000
F45L1616I	25	1"	16	1"	44.5	32	86	141	280	4000
F45L1620I	25	1"	16	1.1/4"	50.8	36	90	145	280	4000
F45L2016I	32	1.1/4"	16	1"	44.5	36	96	157	210	3000
F45L2020I	32	1.1/4"	20	1.1/4"	50.8	43	100	161	210	3000
F45L2024I	32	1.1/4"	20	1.1/2"	60.3	44	101	162	210	3000
F45L2424I	40	1.1/2"	24	1.1/2"	60.3	41	112	183	185	2700
F45L2432I	40	1.1/2"	24	2"	71.4	52	123	194	185	2700
F45L3232I	50	2"	32	2"	71.4	59	148	228	170	2475

Flangia diritta SAE J518 - 6000 PSI intera

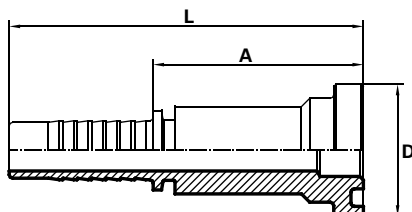
Straight Flange 6000 PSI (one-piece)

Bride droit 6000 PSI (pièce entier) / SFS Flanschanschluss 6000 PSI einteilig / Brida recta 6000 PSI (Pieza unica)

O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

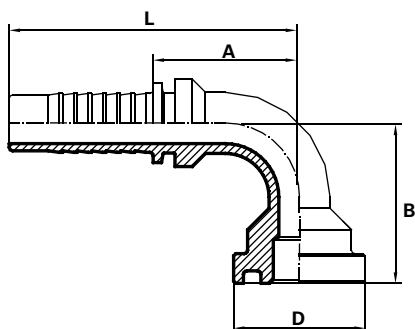


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión					
	DN	Pollici Inches	Diam. Size	F	D	A	L	PN bar	PSI
FDP0808I	12	1/2"	08	1/2"	31.7	50	83	415	6000
FDP0812I	12	1/2"	08	3/4"	41.3	55	87	415	6000
FDP1008I	16	5/8"	10	1/2"	31.7	50	86	350	5000
FDP1012I	16	5/8"	10	3/4"	41.3	51	87	350	5000
FDP1208I	20	3/4"	12	1/2"	31.7	53	94	350	5000
FDP1212I	20	3/4"	12	3/4"	41.3	53	94	350	5000
FDP1216I	20	3/4"	12	1"	47.6	64	105	350	5000
FDP1612I	25	1"	16	3/4"	41.3	64	105	280	4000
FDP1616I	25	1"	16	1"	47.6	66	121	280	4000
FDP1620I	25	1"	16	1.1/4"	54	71	126	280	4000
FDP2016I	32	1.1/4"	20	1"	47.6	66	126	210	3000
FDP2020I	32	1.1/4"	20	1.1/4"	54	67	127	210	3000
FDP2024I	32	1.1/4"	20	1.1/2"	63.5	78	139	210	3000
FDP2424I	40	1.1/2"	24	1.1/2"	63.5	78	149	185	2700
FDP2432I	40	1.1/2"	24	2"	79.4	73	143	185	2700
FDP3232I	50	2"	32	2"	79.4	73	153	172	2480

Flangia 90° SAE J518 – 6000 PSI intera

90° Flange 6000 PSI (one-piece)

Bride 90° 6000 PSI (pièce entier) / SFS 90° Flanschanschluss 6000 PSI einteilig / Brida 90° 6000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

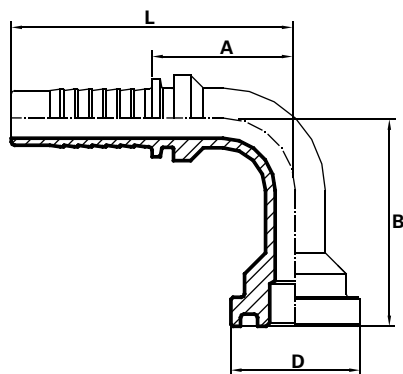
Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size	F	D	B ≈	A ≈	L ≈	PN bar	PSI
F90P0808I	12	1/2"	08	1/2"	31.7	44	39	72	415	6000
F90P0812I	12	1/2"	08	3/4"	41.3	51	39	72	415	6000
F90P1008I	16	5/8"	10	1/2"	31.7	50	49	85	350	5000
F90P1012I	16	5/8"	10	3/4"	41.3	59	49	85	350	5000
F90P1208I	20	3/4"	12	1/2"	31.7	53	57	98	350	5000
F90P1212I	20	3/4"	12	3/4"	41.3	62	57	98	350	5000
F90P1216I	20	3/4"	12	1"	47.6	67	57	98	350	5000
F90P1612I	25	1"	16	3/4"	41.3	64	77	132	280	4000
F90P1616I	25	1"	16	1"	47.6	69	77	132	280	4000
F90P1620I	25	1"	16	1.1/4"	54	76	77	132	280	4000
F90P2016I	32	1.1/4"	20	1"	47.6	87	89	150	210	3000
F90P2020I	32	1.1/4"	20	1.1/4"	54	93	89	150	210	3000
F90P2024I	32	1.1/4"	20	1.1/2"	63.5	97	89	150	210	3000
F90P2424I	40	1.1/2"	24	1.1/2"	63.5	111	101	172	185	2700
F90P2432I	40	1.1/2"	24	2"	79.4	126	101	172	185	2700
F90P3232I	50	2"	32	2"	79.4	128	144	224	172	2480

Flangia 90° intera SAE J518 – 6000 long drop

90° Flange 6000 PSI (one-piece)

Bride 90° 6000 PSI (pièce entier) / SFS 90° Flanschanschluss 6000 PSI (long drop) einteilig /
Brida 90° 6000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

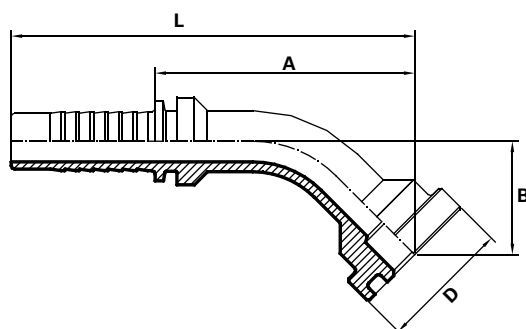
Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size	F	D	B ≈	A ≈	L ≈	PN bar	PSI
F90P1212I LD	20	3/4"	12	3/4"	41.3	100	57	98	350	5000
F90P1216I LD	20	3/4"	12	1"	47.6	140	57	98	350	5000
F90P1616I LD	25	1"	16	1"	47.6	120	77	132	280	4000
F90P2020I LD	32	1.1/4"	20	1.1/4"	54	120	89	150	210	3000
F90P2424I LD	40	1.1/2"	24	1.1/2"	63.5	140	101	172	185	2700

Flangia 45° SAE J518 – 6000 PSI intera

45° Flange 6000 PSI (one-piece)

Bride 45° 6000 PSI (pièce entier) / SFS 45° Flanschanschluss 6000 PSI einteilig / Brida 45° 6000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

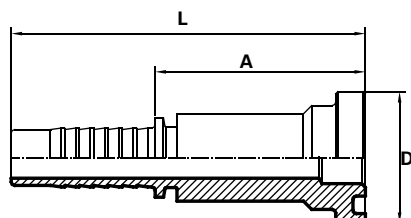
Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión						
	DN	Pollici Inches	Diam. Size	F	D	B ≈	A ≈	L ≈	PN bar	PSI
F45P0808I	12	1/2"	08	1/2"	31.7	23	64	97	415	6000
F45P0812I	12	1/2"	08	3/4"	41.3	28	69	102	415	6000
F45P1008I	16	5/8"	10	1/2"	31.7	26	60	96	350	5000
F45P1012I	16	5/8"	10	3/4"	41.3	30	66	102	350	5000
F45P1208I	20	3/4"	12	1/2"	31.7	28	64	105	350	5000
F45P1212I	20	3/4"	12	3/4"	41.3	32	70	111	350	5000
F45P1216I	20	3/4"	12	1"	47.6	35	74	115	350	5000
F45P1612I	25	1"	16	3/4"	41.3	35	86	141	280	4000
F45P1616I	25	1"	16	1"	47.6	32	89	144	280	4000
F45P1620I	25	1"	16	1.1/4"	54	36	94	149	280	4000
F45P2016I	32	1.1/4"	20	1"	47.6	36	100	161	210	3000
F45P2020I	32	1.1/4"	20	1.1/4"	54	43	104	165	210	3000
F45P2024I	32	1.1/4"	20	1.1/2"	63.5	44	107	168	210	3000
F45P2424I	40	1.1/2"	24	1.1/2"	63.5	41	118	189	185	2700
F45P2432I	40	1.1/2"	24	2"	79.4	52	119	190	185	2700
F45P3232I	50	2"	32	2"	79.4	59	153	233	172	2490

Flangia diritta SUPERCAT intera

Straight flange SUPERCAT (one-piece)

Embout à bride SUPERCAT droite (pièce entier) / SFS Flanschanschluss SUPERCAT einteilig /
Brida recta SUPERCAT (Pieza unica)



O-RING non compreso

Do not include O-RING

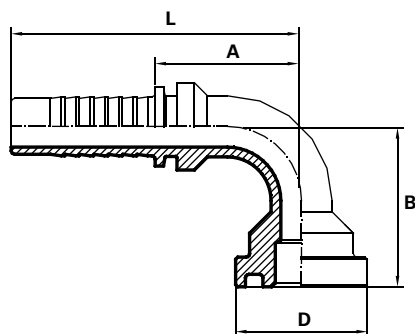
Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
FDS1212I	20	3/4"	12	3/4"		41.3	58	99		350	5000
FDS1216I	20	3/4"	12	1"		47.6	70	111		350	5000
FDS1616I	25	1"	16	1"		47.6	72	127		280	4000
FDS1620I	25	1"	16	1.1/4"		54	75	130		280	4000
FDS2020I	32	1.1/4"	20	1.1/4"		54	71	131		210	3000
FDS2024I	32	1.1/4"	20	1.1/2"		63.5	80	141		210	3000
FDS2424I	40	1.1/2"	24	1.1/2"		63.5	80	151		185	2700

Flangia 90° SUPERCAT intera

90° SUPERCAT Flange (one-piece)

Bride 90° SUPERCAT (pièce entier) / SFS 90° Flanschanschluss SUPERCAT einteilig / Brida 90° SUPERCAT (Pieza unica)



O-RING non compreso

Do not include O-RING

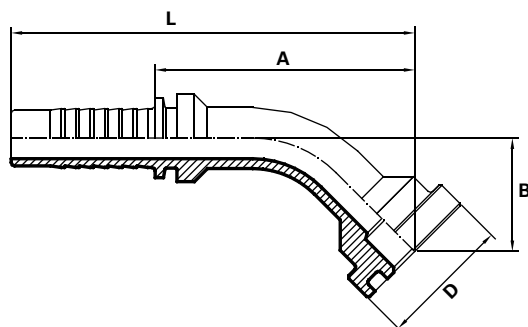
Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar PSI
F90S1212I	20	3/4"	12	3/4"		41.3	67	57	98	350 5000
F90S1216I	20	3/4"	12	1"		47.6	73	57	98	350 5000
F90S1616I	25	1"	16	1"		47.6	75	77	132	280 4000
F90S1620I	25	1"	16	1.1/4"		54	80	77	132	280 4000
F90S2020I	32	1.1/4"	20	1.1/4"		54	97	89	150	210 3000
F90S2024I	32	1.1/4"	20	1.1/2"		63.5	99	89	150	210 3000
F90S2424I	40	1.1/2"	24	1.1/2"		63.5	113	101	172	185 2700

Flangia 45° SUPERCAT intera

45° SUPERCAT Flange (one-piece)

Bride 45° SUPERCAT (pièce entier) / SFS 45° Flanschanschluss SUPERCAT einteilig / Brida 45° SUPERCAT (Pieza unica)



O-RING non compreso

Do not include O-RING

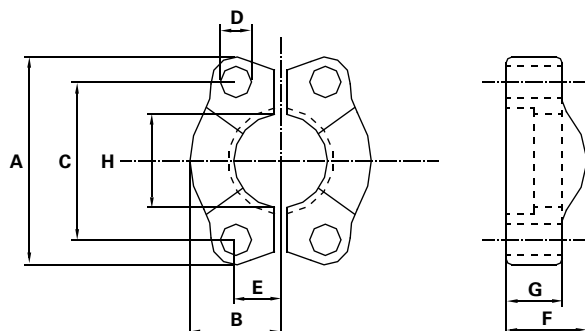
Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
F45S1212I	20	3/4"	12	3/4"		41.3	39	74	115	350	5000
F45S1216I	20	3/4"	12	1"		47.6	43	78	119	350	5000
F45S1616I	25	1"	16	1"		47.6	40	94	149	280	4000
F45S1620I	25	1"	16	1.1/4"		54	43	97	152	280	4000
F45S2020I	32	1.1/4"	20	1.1/4"		54	50	107	168	210	3000
F45S2024I	32	1.1/4"	20	1.1/2"		63.5	51	108	169	210	3000
F45S2424I	40	1.1/2"	24	1.1/2"		63.5	49	120	191	185	2700

Coppia di semi flange SAE J518 – 3000 PSI

Slip Flange clamps 3000

Brides Monobloc 3000 PSI / PSI Halbflansch 3000 PSI / Semibrida 3000 PSI

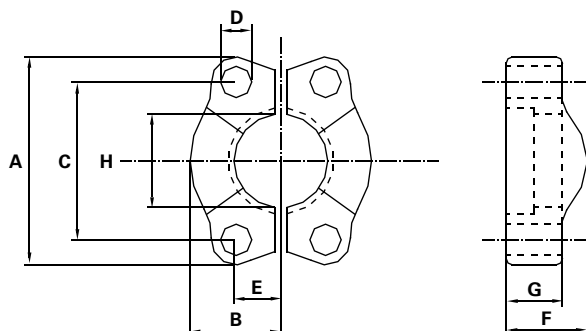


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones								
	DN	Pollici Inches	Diam. Size	F	A	B	C	D	E	F	G	H	
SFL08	12	1/2"	08	1/2"	54	23	38.1	8.75	8.7	20	13	30.96	
SFL12	20	3/4"	12	3/4"	65	26	47.6	10.5	11.1	22	14	38.89	
SFL16	25	1"	16	1"	70	29.2	52.4	10.5	13.1	22	16	45.24	
SFL20	32	1.1/4"	20	1.1/4"	79	36.3	58.7	12	15.1	22	14	51.59	
SFL24	40	1.1/2"	24	1.1/2"	94	41.1	69.9	13.5	17.9	24	16	61.09	
SFL32	50	2"	32	2"	102	48.2	77.8	13.5	21.4	26	16	72.24	

Coppia di semi flange SAE J518 – 6000 PSI

Slip Flange clamps 6000

Brides Monobloc 6000 PSI / PSI Halbflansch 6000 PSI / Semibrida 6000 PSI

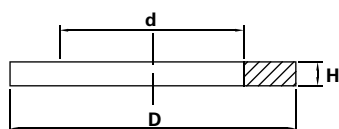


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones										
	DN	Pollici Inches	Diam. Size	F	A	B	C	D	E	F	G	H	
SFP08	12	1/2"	08	1/2"	56	23.6	40.5	8.75	9.1	22	16	32.54	
SFP12	20	3/4"	12	3/4"	71	30	50.8	10.8	11.9	28	19	42.06	
SFP16	25	1"	16	1"	81	35	57.1	13	13.9	32	24	48.41	
SFP20	32	1.1/4"	20	1.1/4"	95	38.6	66.7	15	15.8	38	27	54.76	
SFP24	40	1.1/2"	24	1.1/2"	113	47.5	79.4	17	18.3	42	30	64.29	
SFP32	50	2"	32	2"	134	57	96.8	21	22.2	52	37	80.16	

Rondelle di rame

Copper washer

Rondelle en cuivre / Kupferscheibe / Rondana en cobre

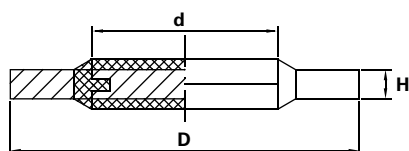


Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
		F	d	D	H
RR1.5 10-14		1/8" BSPP	10	15	1.5
RR1.5 13.5-19		1/4" BSPP	13.5	19	1.5
RR1.5 17-23		3/8" BSPP	17	23	1.5
RR1.5 21.5-27		1/2" BSPP	21.5	27	1.5
RR1.5 24-30		5/8" BSPP	24	30	1.5
RR1.5 27-33		3/4" BSPP	27	33	1.5
RR1.5 33.5-40		1" BSPP	33.5	40	1.5
RR1.5 42-50		1,1/4" BSPP	42	50	1.5
RR1.5 48-55		1,1/2" BSPP	48	55	1.5
RR1.5 60-68		2" BSPP	60	68	1.5
RR1.5 10-16		M.10x1	10	16	1.5
RR1.5 12-18		M.12x1,5	12	18	1.5
RR1.5 14-20		M.14x1,5	14	20	1.5
RR1.5 16-22		M.16x1,5	16	22	1.5
RR1.5 18-24		M.18x1,5	18	24	1.5
RR1.5 20-26		M.20x1,5	20	26	1.5
RR1.5 22-28		M.22x1,5	22	28	1.5
RR1.5 26.5-32		M.26x1,5	26.5	32	1.5
RR1.5 30-36		M.30x1,5	30	36	1.5

Rondelle bonded

Bonded washer

Rondelle Bonded / Verbund Scheibe / Rondana Bonded



Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
		F	d	D	H
RT02		1/8" BSPP-M.10x1	10.4	16	2
RT04		1/4" BSPP-M12x1,5	13.7	20.5	2
RT06		3/8" BSPP	17.3	24	2
RT08		1/2" BSPP-M20x1,5	21.5	28.5	2.5
RT10		5/8" BSPP-M22x1,5	23.5	31.5	2.5
RT12		3/4" BSPP-M26x1.5	27	35	2.5
RT16		1" BSPP	33.9	43	3.4
RT20		1,1/4" BSPP	42.9	52.5	3.4
RT24		1,1/2" BSPP-M45x1,5	48.4	58.5	3.4
RT32		2" BSPP	60.5	73	3.4
RTM14		M.14x1,5	14.9	22	2
RTM16		M.16x1,5	16.5	25.5	2
RTM18		M.18x1,5	19.7	27	2.5
RTM20		M.20x1,5	21.5	28.5	2.5
RTM22		M.22x1,5	23.5	31.5	2.5

HIDRAX
HYDRAULIC CONNEXION

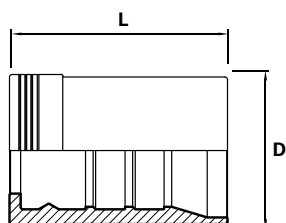
SERIE-INTERLOCK

SERIE-INTERLOCK

Boccola per tubo 4SH

Ferrule for 4SH

Jupe pour 4SH / Presshülse 4SH / Casquillo para 4SH



Doppia pelatura

Double skive

Double dénudage intérieur/extérieur / Innen- und Außenschälung / Doble peladura

* Applicazione valida anche per R13/R15

Application also working on R13/R15

Emploi également valable pour R13/R15 /
Verwendbar auch für R13/R15

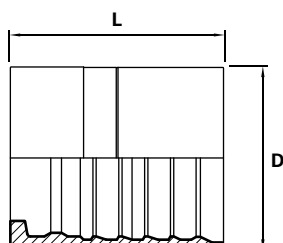
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	D	L
KB4SH10	16	5/8"	10	36	52
KB4SH12 *	20	3/4"	12	38	60
KB4SH16 *	25	1"	16	46	74.5
KB4SH20	32	1.1/4"	20	56	87.8
KB4SH24	40	1.1/2"	24	62	94.4
KB4SH32	50	2"	32	79.5	99

SERIE-INTERLOCK

Boccola per tubo R13/R15

Ferrule for R13/R15

Jupe pour R13/R15 / Presshülse R13/R15 / Casquillo para R13/R15



Doppia pelatura

Double skive

Double dénudage intérieur/extérieur / Innen- und Außenschälung / Doble peladura

* Applicazione valida anche per R15

Application also working on R15

Emploi également valable pour R15 / NW 20-40
verwendbar auch für R15

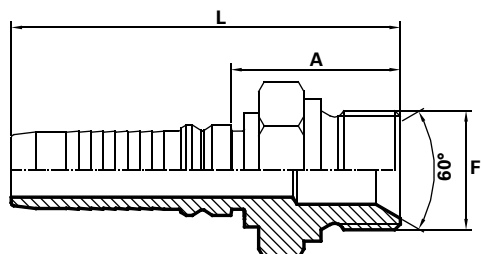
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	D	L	
KBH1320 *	32	1.1/4"	20	60	87.8	
KBH1324 *	40	1.1/2"	24	67	94.4	
KBH1332	50	2"	32	84.5	99	

SERIE-INTERLOCK

Maschio BSPP SV 60°

BSPP male parallel 60° cone

Embout mâle BSPP cône 60° / AGR 60° Innenkonus (BSPP-Gewinde) / Macho BSPP asiento 60°



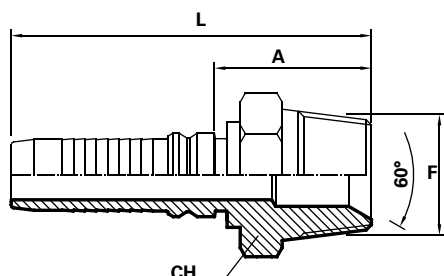
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
KMG1212	20	3/4"	12	3/4"	14	32	34.7	96.5		420 6100
KMG1616	25	1"	16	1"	11	38	37.4	109		414 6090
KMG1620	25	1"	16	1.1/4"	11	50	42.6	114.7		414 6090
KMG2020	32	1.1/4"	20	1.1/4"	11	50	44.2	132.5		414 6090
KMG2424	40	1.1/2"	24	1.1/2"	11	55	44.5	138		345 5000
KMG3232	50	2"	32	2"	11	70	54	152		345 5000

SERIE-INTERLOCK

Maschio BSPT SV 60°

BSPT Male 60° cone

Mâle BSPT cône 60° / AGR konisch (BSPT) / Macho BSPT asiento 60°



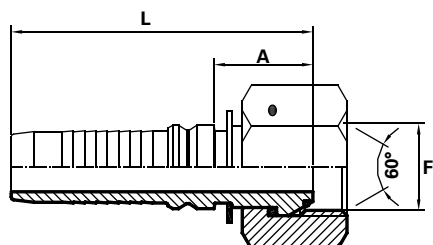
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca			Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
KMGK1212	20	3/4"	12	3/4"	14	27	34.7	96.5	420	6100
KMGK1616	25	1"	16	1"	11	36	43.5	115.5	414	6000
KMGK2020	32	1.1/4"	20	1.1/4"	11	46	44.2	132.5	414	6000
KMGK2424	40	1.1/2"	24	1.1/2"	11	50	46	139.5	345	5000
KMGK3232	50	2	32	2"	11	65	57	155	345	5000

SERIE-INTERLOCK

Femmina diritta BSPP SV 60° dado spinato con O-ring

BSPP O-ring straight Female 60° cone (thrust-wire nut)

Femelle droit avec O-ring cône 60° (écrou à jonc) / DKOR mit O-Ring + gestiftete Überwurfmutter (BSPP-Gewinde) / Hembra recta BSPP con O-ring asiento 60° (tuerca con seguro)



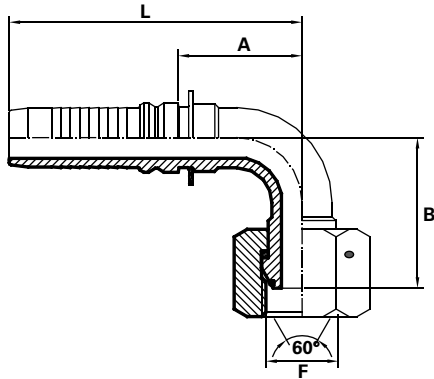
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar PSI
KFDG1212	20	3/4"	12	3/4"	14	32	22.7	84.5		420 6100
KFDG1616	25	1"	16	1"	11	38	24.7	96.5		414 6000
KFDG1620	25	1"	16	1.1/4"	11	50	27.5	99.5		414 6000
KFDG2020	32	1.1/4"	20	1.1/4"	11	50	28.2	116.5		414 6000
KFDG2424	40	1.1/2"	24	1.1/2"	11	55	30.5	124		345 5000
KFDG3232	50	2"	32	2"	11	70	34	132		345 5000

SERIE-INTERLOCK

Femmina 90° BSPP SV 60° dado spinato con O-ring

90° BSPP O-ring Female swept elbow 60° cone (thrust-wire nut)

Femelle 90° avec O-ring cône 60° (écrou à jonc) / DKOR 90° Bogen mit O-Ring + gestiftete Überwurfmutter (BSPP-Gewinde) / Hembra BSPP codo 90° con O-ring asiento 60° (tuerca con seguro)



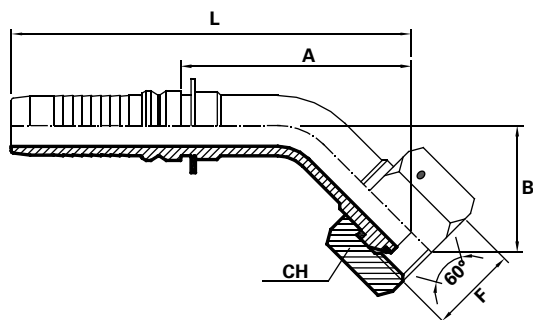
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones							Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
KF90G1212	20	3/4"	12	3/4"	14	32	59	54	113	420	6100
KF90G1616	25	1"	16	1"	11	38	72	70.5	142.5	414	6000
KF90G1620	25	1"	16	1.1/4"	11	50	80	70.5	142.5	414	6000
KF90G2020	32	1.1/4"	20	1.1/4"	11	50	93	87.7	176	414	6000
KF90G2424	40	1.1/2"	24	1.1/2"	11	55	114	99.5	193	345	5000
KF90G3232	50	2"	32	2"	11	70	136	135	233	345	5000

SERIE-INTERLOCK

Femmina 45° BSPP SV 60° dado spinato con O-ring

45° BSPP O-ring Female swept elbow 60° cone (thrust-wire nut)

Femelle 45° avec O-ring cône 60° (écrou à jonc) / DKOR 45° Bogen mit O-Ring + gestiftete Überwurfmutter (BSPP-Gewinde) / Hembra BSPP codo 45° con O-ring asiento 60° (tuerca con seguro)



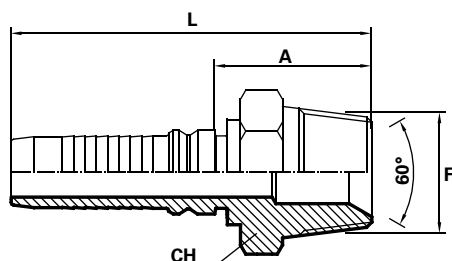
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI
KF45G1212	20	3/4"	12	3/4"	14	32	29	60.7	122.5	420	6100
KF45G1616	25	1"	16	1"	11	38	41	87.5	159.5	410	6000
KF45G1620	25	1"	16	1.1/4"	11	50	44	90.5	162.5	410	6000
KF45G2020	32	1.1/4"	20	1.1/4"	11	50	44	100.5	189	410	6000
KF45G2424	40	1.1/2"	24	1.1/2"	11	55	45	116.5	210	345	5000
KF45G3232	50	2"	32	2"	11	70	68	156	254	345	5000

SERIE-INTERLOCK

Maschio NPTF SV 60°

NPTF Male 60° cone

Mâle NPTF cône 60° / AGN 60° Innenkonus (NPTF) / Macho NPTF asiento 60°



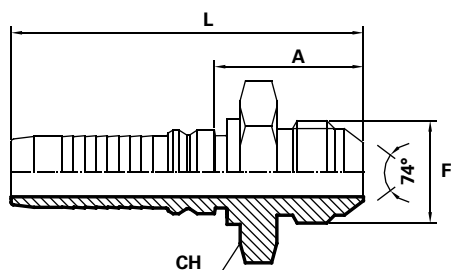
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
KMNPTF1212	20	3/4"	12	3/4"	14	27	34.5	96.5	420	6090
KMNPTF1216	20	3/4"	12	1"	11.5	36	42.5	104.5	420	6090
KMNPTF1616	25	1"	16	1"	11.5	36	43	115	420	6090
KMNPTF1620	25	1"	16	1.1/4"	11.5	46	43	115	420	6090
KMNPTF2020	32	1.1/4"	20	1.1/4"	11.5	46	44	137.5	420	6090
KMNPTF2024	32	1.1/4"	20	1.1/2"	11.5	50	44	137.5	420	6090
KMNPTF2424	40	1.1/2"	24	1.1/2"	11.5	50	45.5	139	345	5000
KMNPTF3232	50	2"	32	2"	11.5	65	5	155	345	5000

SERIE-INTERLOCK

Maschio JIC SV 74°

JIC Male 74° cone

Mâle JIC cône 74° / AGJ 74° JIC Außenkonus (UNF-Gewinde) / Macho JIC asiento 74°



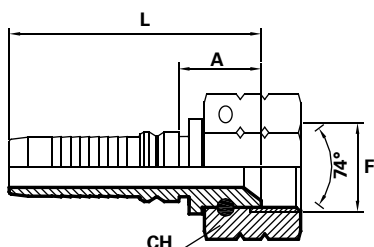
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
KMJ1212	20	3/4"	12	1.1/16"	12	27	38	100	420	6090
KMJ1214	20	3/4"	12	1.3/16"	12	32	39	101	420	6090
KMJ1216	20	3/4"	12	1.5/16"	12	34	39	101	420	6090
KMJ1616	25	1"	16	1.5/16"	12	34	40	112	414	6000
KMJ1620	25	1"	16	1.5/8"	12	42	42.5	114.5	414	6000
KMJ2020	32	1.1/4"	20	1.5/8"	12	42	44	132.5	414	6000
KMJ2024	32	1.1/4"	20	1.7/8"	12	50	51	139.5	414	6000
KMJ2424	40	1.1/2"	24	1.7/8"	12	50	51	144.5	345	5000
KMJ3232	50	2"	32	2.1/2"	12	65	61.5	159.5	345	5000

SERIE-INTERLOCK

Femmina diritta JIC SV 74° dado spinato

JIC straight Female 74° cone (thrust-wire nut)

Femelle droit JIC cône 74° (écrou à jonc) / DKJ 74° (UNF) + gestiftete Überwurfmutter / Hembra recta JIC asiento 74° (tuerca con seguro)



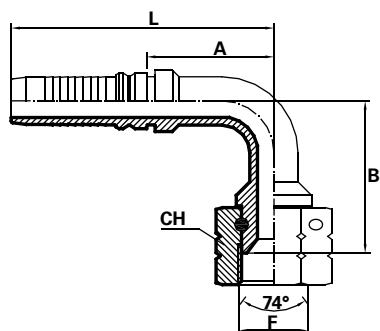
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar	PSI
KFDJ1212	20	3/4"	12	1.1/16"	12	32	20.5	82.5		420	6090
KFDJ1214	20	3/4"	12	1.3/16"	12	36	20.5	82.5		420	6090
KFDJ1216	20	3/4"	12	1.5/16"	12	41	20-5	82.5		420	6090
KFDJ1616	25	1"	16	1.5/16"	12	41	22	94		414	6000
KFDJ1620	25	1"	16	1.5/8"	12	50	26	98		414	6000
KFDJ2020	32	1.1/4"	20	1.5/8"	12	50	27.5	116		414	6000
KFDJ2024	32	1.1/4"	20	1.7/8"	12	55	29.5	118		414	6000
KFDJ2424	40	1.1/2"	24	1.7/8"	12	55	29.5	123		345	5000
KFDJ3232	50	2"	32	2.1/2"	12	70	33	131		345	5000

SERIE-INTERLOCK

Femmina 90° JIC SV 74° dado spinato

90° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 90° JIC cône 74° (écrou à jonc) / DKJ 90° Bogen 74° Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 90° asiento 74° (tuerca con seguro)



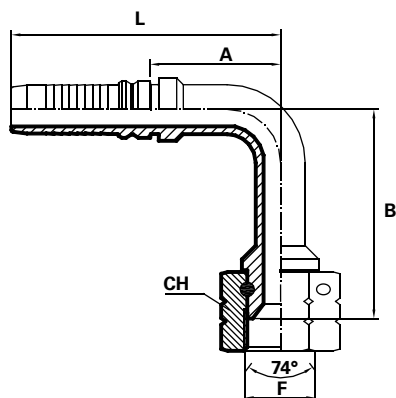
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A ≈	B ≈	L ≈	PN bar	PSI
KF90J1212	20	3/4"	12	1.1/16"	12	32	58	51	113	420	6090
KF90J1214	20	3/4"	12	1.3/16"	12	36	61	51	113	420	6090
KF90J1216	20	3/4"	12	1.5/16"	12	41	62.5	51	113	420	6090
KF90J1616	25	1"	16	1.5/16"	12	41	69.5	70.5	142.5	414	6000
KF90J1620	25	1"	16	1.5/8"	12	50	78.5	70.5	142.5	414	6000
KF90J2020	32	1.1/4"	20	1.5/8"	12	50	91.5	87.5	176	414	6000
KF90J2024	32	1.1/4"	20	1.7/8"	12	55	99	87.5	176	414	6000
KF90J2424	40	1.1/2"	24	1.7/8"	12	55	112.5	99.5	193	345	5000
KF90J3232	50	2"	32	2.1/2"	12	70	101	110	199	345	5000

SERIE-INTERLOCK

Femmina 90° JIC SV 74° dado spinato long drop

90° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 90° JIC cône 74° (écrou à jonc) / DKJ 90° Bogen (long drop) 74° Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 90° asiento 74° (tuerca con seguro)



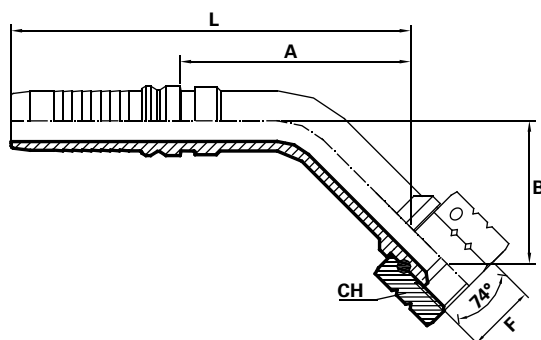
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A ≈	B ≈	L ≈	PN bar	PSI
KF90J1212LD	20	3/4"	12	1.1/16"	12	32	62	94.5	124	420	6000
KF90J1616LD	25	1"	16	1.5/16"	12	41	77	110	149	380	5400
KF90J1620LD	25	1"	16	1.5/8"	12	50	77	116	149	325	4600
KF90J2020LD	32	1.1/4"	20	1.5/8"	12	50	89	136	177.5	325	4600
KF90J2424LD	40	1.1/2"	24	1.7/8"	12	55	101	162	194.5	290	4100
KF90J3232LD	50	2"	32	2.1/2"	12	70	135	220	233	250	3500

SERIE-INTERLOCK

Femmina 45° JIC SV 74° dado spinato

45° JIC Female swept elbow 74° cone (thrust-wire nut)

Femelle 45° JIC cône 74° (écrou à jonc) / DKJ 45° Bogen 74° Dichtkopf (UNF) + gestiftete Überwurfmutter / Hembra JIC codo 45° asiento 74° (tuerca con seguro)



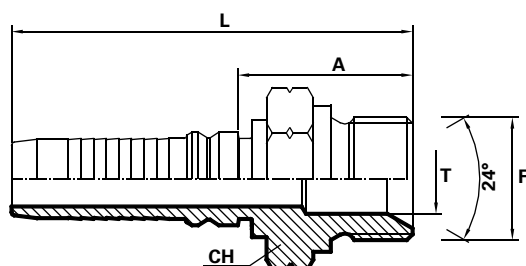
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	Nfxp	CH	B ≈	A ≈	L ≈	PN bar	PSI
KF45J1212	20	3/4"	12	1.1/16"	12	32	29	59.5	121.5	420	6090
KF45J1214	20	3/4"	12	1.3/16"	12	36	29	60.5	122.5	420	6090
KF45J1216	20	3/4"	12	1.5/16"	12	41	29	60.5	122.5	420	6090
KF45J1616	25	1"	16	1.5/16"	12	41	39.5	86	158	414	6000
KF45J1620	25	1"	16	1.5/8"	12	50	38.5	87	159	414	6000
KF45J2020	32	1.1/4"	20	1.5/8"	12	50	44	99.5	188	414	6000
KF45J2024	32	1.1/4"	20	1.7/8"	12	55	45	101.5	190	414	6000
KF45J2424	40	1.1/2"	24	1.7/8"	12	55	45	116.5	210	345	5000
KF45J3232	50	2"	32	2.1/2"	12	70	65.8	156	254	345	5000

SERIE-INTERLOCK

Maschio metrico 24° CES

Metric Male 24° cone – S type

Mâle métrique cône 24° – série S / CES 24° Konus metrisch / Macho métrico asiento 24° – serie S



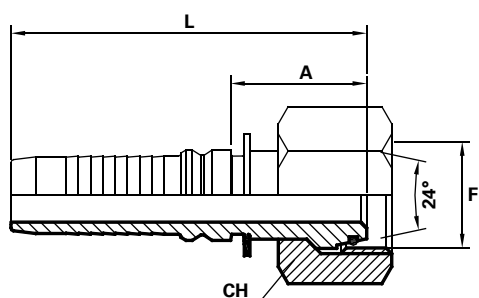
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		T	CH	A	L	PN bar	PSI
KME1230S20	20	3/4"	12	M30x2		20	32	31.5	93.5	420	6090
KME1236S25	20	3/4"	12	M36x2		25	38	33.5	95.5	420	6090
KME1636S25	25	1"	16	M36x2		25	38	36	108	414	6000
KME1642S30	25	1"	16	M42x2		30	46	39.5	111.5	280	4000
KME2042S30	32	1.1/4"	20	M42x2		30	46	40.5	129	250	3500
KME2052S38	32	1.1/4"	20	M52x2		38	55	44.5	133	250	3500
KME2452S38	40	1.1/2"	24	M52x2		38	55	44.5	138	250	3500

SERIE-INTERLOCK

Femmina diritta metrica 24° DKOS con O-ring

O-ring straight Female 24° cone – S type

emelle droit métrique avec O-ring cône 24° – série S / DKO-S Innengewinde mit O-Ring 24°
Konus / FHembra recta métrica con O-ring asiento 24° – serie S



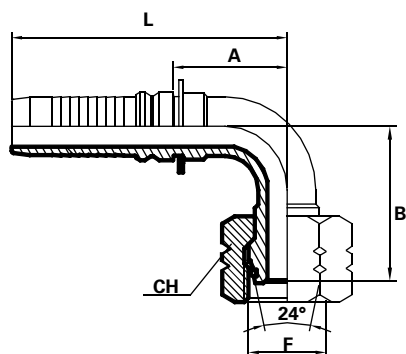
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	A	L		PN bar	PSI
KFE1230S20	20	3/4"	12	M30x2	20	36	35	97		420	6090
KFE1236S25	20	3/4"	12	M36x2	25	46	36	98		420	6090
KFE1636S25	25	1"	16	M36x2	25	46	37	109		414	6000
KFE1642S30	25	1"	16	M42x2	30	50	38	110		280	4000
KFE2042S30	32	1.1/4"	20	M42x2	30	50	40	128.5		250	3500
KFE2052S38	32	1.1/4"	20	M52x2	38	60	45.5	134		250	3500
KFE2452S38	40	1.1/2"	24	M52x2	38	60	45.5	139		250	3500

SERIE-INTERLOCK

Femmina 90° metrica O-ring 24° DKOS

90° O-ring Female swept elbow 24° cone – S type

Femelle 90° métrique avec O-ring cône 24° – série S / DKO-S 90° Bogen Innengewinde mit O-Ring 24° Konus / Hembra métrica codo 90° con O-ring asiento 24° – serie S



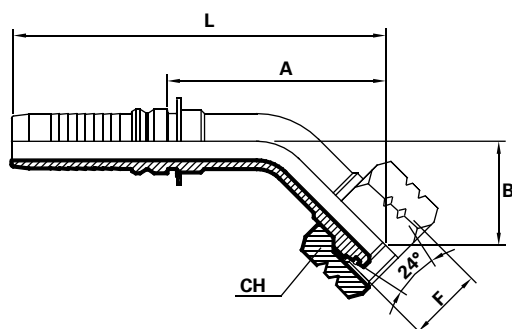
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión				
	DN	Pollici Inches	Diam. Size	F	T	CH	B ≈	A ≈	L ≈	PN bar	PSI
KF90E1230S20	20	3/4"	12	M30x2	20	36	59	54	116	420	6090
KF90E1236S25	20	3/4"	12	M36x2	25	46	59	54	116	420	6090
KF90E1636S25	25	1"	16	M36x2	25	46	75	70.5	142.5	414	6000
KF90E1642S30	25	1"	16	M42x2	30	50	75	70.5	142.5	280	4000
KF90E2042S30	32	1.1/4"	20	M42x2	30	50	86	90.5	179	250	3500
KF90E2052S38	32	1.1/4"	20	M52x2	38	60	86	90.5	179	250	3500
KF90E2452S38	40	1.1/2"	24	M52x2	38	60	94	97.5	191	250	3500

SERIE-INTERLOCK

Femmina 45° metrica O-ring 24° DKOS

45° O-ring Female swept elbow 24° cone – S type

Femelle 45° métrique avec O-ring cône 24° – série S / DKO-S 45° Bogen Innengewinde mit O-Ring 24° Konus / Hembra métrica codo 45° con O-ring asiento 24° – serie S



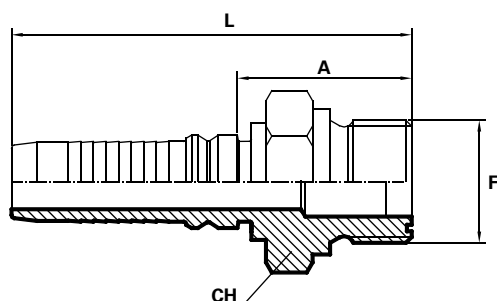
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	T	CH	B ≈	A ≈	L ≈	PN bar	PSI
KF45E1230S20	20	3/4"	12	M30x2	20	36	27	61.5	123.5	420	6090
KF45E1236S25	20	3/4"	12	M36x2	25	46	28	67.5	129.5	420	6090
KF45E1636S25	25	1"	16	M36x2	25	46	38	86	158	414	6000
KF45E1642S30	25	1"	16	M42x2	30	50	38	86.5	158.5	280	4000
KF45E2042S30	32	1.1/4"	20	M42x2	30	50	35	103	191.5	250	3500
KF45E2052S38	32	1.1/4"	20	M52x2	38	60	35	103	191.5	250	3500
KF45E2452S38	40	1.1/2"	24	M52x2	38	60	45	117.5	211	250	3500

SERIE-INTERLOCK

Maschio ORFS

ORFS Male

Mâle ORFS / AG-ORFS stirndichtend / Macho ORFS



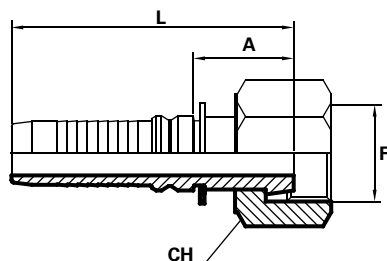
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	
KMORFS1215	20	3/4"	12	1.7/16"	12	41	35.7	97.5	
KMORFS1615	25	1"	16	1.7/16"	12	41	36.6	108.5	
KMORFS1621	25	1"	16	1.11/16"	12	46	36.6	108.5	
KMORFS2021	32	1.1/4"	20	1.11/16"	12	46	37.7	126	

SERIE-INTERLOCK

Femmina diritta ORFS

ORFS straight Female

Femelle droit ORFS / DK-ORFS (UNF-Gewinde) / Hembra recta ORFS



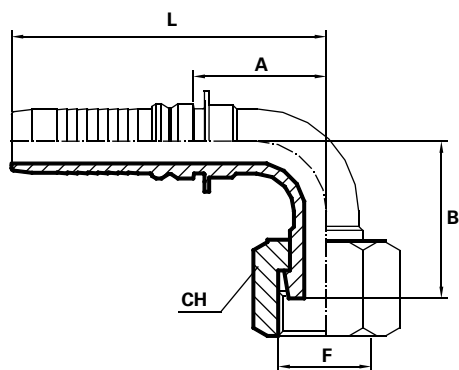
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L	PN bar	PSI
KFORFS1214	20	3/4"	12	1.3/16"	12	36	30.5	92.5	420	6090
KFORFS1215	20	3/4"	12	1.7/16"	12	41	31.5	93.5	414	6000
KFORFS1615	25	1"	16	1.7/16"	12	41	32.5	104.5	414	6000
KFORFS2021	32	1.1/4"	20	1.11/16"	12	50	34	122.5	250	3500

SERIE-INTERLOCK

Femmina 90° ORFS

90° ORFS Female DK

Femelle 90° ORFS / 90° Bogen ORFS (UNF) stirndichtend / Hembra ORFS codo 90°



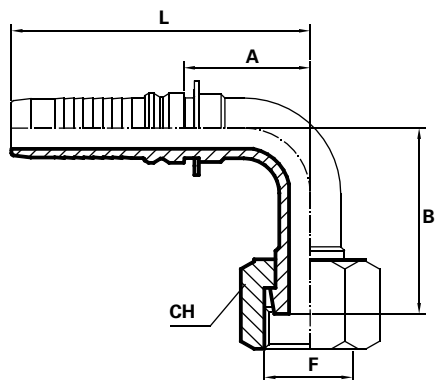
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo					Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI	
KF90ORFS1214	20	3/4"	12	1.3/16"	12	36	49	53.5	115.5	420	6090	
KF90ORFS1215	20	3/4"	12	1.7/16"	12	41	54	54	116	414	6000	
KF90ORFS1615	25	1"	16	1.7/16"	12	41	59.5	71.5	143.5	414	6000	
KF90ORFS2021	32	1.1/4"	20	1.11/16"	12	50	75.5	88.5	177	250	3500	

SERIE-INTERLOCK

Femmina 90° ORFS long drop

90° ORFS Female

Femelle 90° ORFS / DK 90° Bogen (long drop) ORFS (UNF) stirndichtend / Hembra ORFS codo 90°



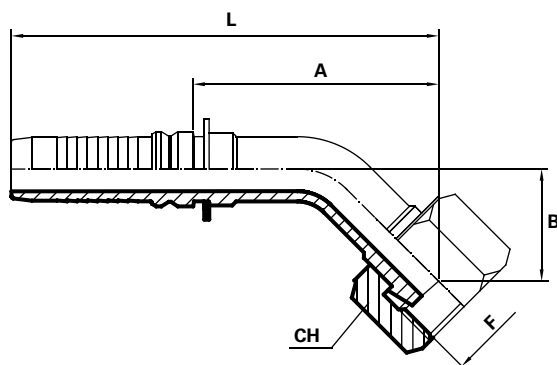
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	A	L		PN bar	PSI
KF90ORFS1214LD	20	3/4"	12	1.3/16"	12	36	96	45.5	107.5	420	6090
KF90ORFS1615LD	25	1"	16	1.7/16"	12	41	113.5	58.5	130.5	414	6000
KF90ORFS2021LD	32	1.1/4"	20	1.11/16"	12	50	130	87	175	250	3500

SERIE-INTERLOCK

Femmina 45° ORFS

45° ORFS Female

Femelle 45° ORFS / DK 45° Bogen ORFS (UNF) stirndichtend / Hembra ORFS codo 45°



Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo					Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	B ≈	A ≈	L ≈	PN bar	PSI	
KF45ORFS1214	20	3/4"	12	1.3/16"	12	36	23	55.5	117.5	420	6090	
KF45ORFS1215	20	3/4"	12	1.7/16"	12	41	27	60	122	414	6000	
KF45ORFS1615	25	1"	16	1.7/16"	12	41	26	78.5	150.5	410	6000	
KF45ORFS2021	32	1.1/4"	20	1.11/16"	12	50	34	91.5	180	250	3500	

SERIE-INTERLOCK

Flangia diritta SAE J518 – 3000 PSI intera

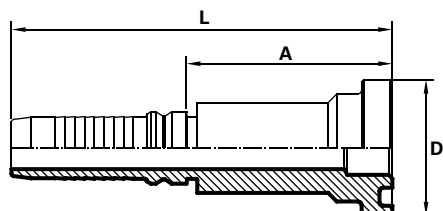
Straight Flange 3000 PSI (one-piece)

Bride droit 3000 PSI (pièce entier) / SFL-I Flanschanschluss 3000 PSI einteilig / Brida recta 3000 PSI (Pieza unica)

O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring



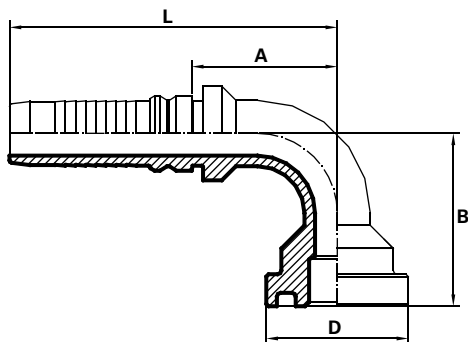
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		D	A	L	PN bar	PSI
KFDL1212I	20	3/4"	12	3/4"		38.1	56.7	118.5	350	5000
KFDL1216I	20	3/4"	12	1"		44.5	48.7	119.5	350	5000
KFDL1612I	25	1"	16	3/4"		38.1	47.6	119.7	280	4000
KFDL1616I	25	1"	16	1"		44.5	47.6	119.7	280	4000
KFDL1620I	25	1"	16	1.1/4"		50.8	64.6	136.7	280	4000
KFDL2020I	32	1.1/4"	20	1.1/4"		50.8	68.7	155	210	3000
KFDL2024I	32	1.1/4"	20	1.1/2"		60.3	78.7	167	210	3000
KFDL2424I	40	1.1/2"	24	1.1/2"		60.3	68.5	162	185	2700
KFDL2432I	40	1.1/2"	24	2"		71.4	70.5	164	185	2700
KFDL3232I	50	2"	32	2"		71.4	70.5	171	170	2475

SERIE-INTERLOCK

Flangia 90° SAE J518 – 3000 PSI intera

90° Flange 3000 PSI (one-piece)

Bride 90° 3000 PSI (pièce entier) / SFL-I 90° Flanschanschluss 3000 PSI einteilig / Brida 90° 3000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

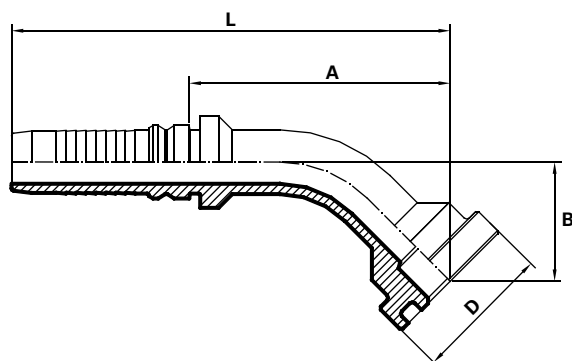
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
KF90L1212I	20	3/4"	12	3/4"		38.1	58	54.7	116.5	350	5000
KF90L1216I	20	3/4"	12	1"		44.5	62	54.7	116.5	350	5000
KF90L1612I	25	1"	16	3/4"		38.1	60	74.6	146.7	280	4000
KF90L1616I	25	1"	16	1"		44.5	68	70.6	146.7	280	4000
KF90L1620I	25	1"	16	1.1/4"		50.8	70	74.6	146.7	280	4000
KF90L2020I	32	1.1/4"	20	1.1/4"		50.8	87	87.7	176	210	3000
KF90L2024I	32	1.1/4"	20	1.1/2"		60.3	88	87.7	176	210	3000
KF90L2424I	40	1.1/2"	24	1.1/2"		60.3	102	99.5	193	185	2700
KF90L2432I	40	1.1/2"	24	2"		71.4	118	99.5	193	185	2700
KF90L3232I	50	2"	32	2"		71.4	12	144	242	170	2475

SERIE-INTERLOCK

Flangia 45° SAE J518 – 3000 PSI intera

45° Flange 3000 PSI (one-piece)

Bride 45° 3000 PSI (pièce entier) / SFL-I 45° Flanschanschluss 3000 PSI einteilig / Brida 45° 3000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
KF45L1212I	20	3/4"	12	3/4"		38.1	32	64.7	126.5	350	5000
KF45L1216I	20	3/4"	12	1"		44.5	35	67.7	129.5	350	5000
KF45L1612I	25	1"	16	3/4"		38.1	35	80.6	152.7	350	5000
KF45L1616I	25	1"	16	1"		44.5	32	83.6	155.7	350	5000
KF45L1620I	25	1"	16	1.1/4"		50.8	36	87.6	159.7	250	3500
KF45L2020I	32	1.1/4"	20	1.1/4"		50.8	43	98.7	187	250	3500
KF45L2024I	32	1.1/4"	20	1.1/2"		60.3	44	99.7	188	200	2900
KF45L2424I	40	1.1/2"	24	1.1/2"		60.3	41	110.5	204	200	2900
KF45L2432I	40	1.1/2"	24	2"		71.4	52	121.5	215	200	2900
KF45L3232I	50	2"	32	2"		71.4	59	148	246	200	2900

SERIE-INTERLOCK

Flangia diritta SAE J518 – 6000 PSI intera

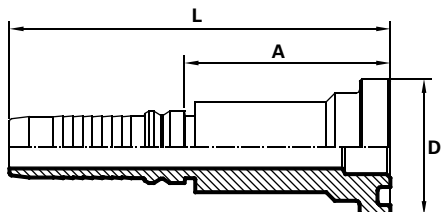
Straight Flange 6000 PSI (one-piece)

Bride droit 6000 PSI (pièce entier) / SFS-I Flanschanschluss 6000 PSI einteilig / Brida recta 6000 PSI (Pieza unica)

O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring



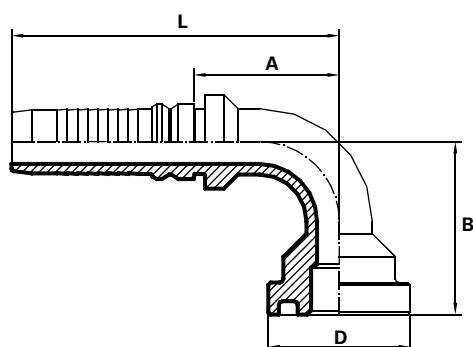
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		D	A	L	PN bar	PSI
KFDP1212I	20	3/4"	12	3/4"		41.3	50	112	420	6090
KFDP1216I	20	3/4"	12	1"		47.6	61.7	123.5	420	6090
KFDP1612I	25	1"	16	3/4"		41.3	61.6	133.7	415	6000
KFDP1616I	25	1"	16	1"		47.6	63.6	135.7	415	6000
KFDP1620I	25	1"	16	1.1/4"		54	68.6	140.7	415	6000
KFDP2020I	32	1.1/4"	20	1.1/4"		54	68.7	157	415	6000
KFDP2024I	32	1.1/4"	20	1.1/2"		63.5	76.7	165	415	6000
KFDP2424I	40	1.1/2"	24	1.1/2"		63.5	76.5	170	345	5000
KFDP2432I	40	1.1/2"	32	2"		79.4	70.5	164	345	5000
KFDP3232I	50	2"	32	2"		79.4	73	171	345	5000

SERIE-INTERLOCK

Flangia 90° SAE J518 – 6000 PSI intera

90° Flange 6000 PSI (one-piece)

Bride 90° 6000 PSI (pièce entier) / SFS-I 90° Flanschanschluss 6000 PSI einteilig / Brida 90° 6000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

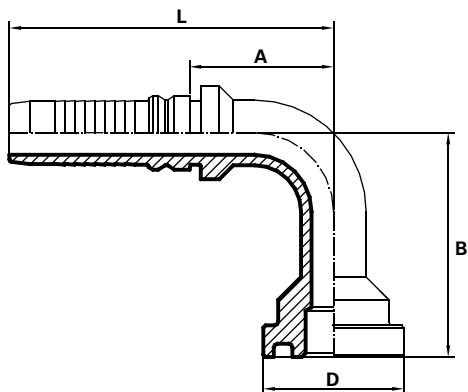
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
KF90P1212I	20	3/4"	12	3/4"		41.3	62	54.7	116.5	420	6090
KF90P1216I	20	3/4"	12	1"		47.6	67	54.7	116.5	420	6090
KF90P1612I	25	1"	16	3/4"		41.3	64	74.6	146.7	415	6000
KF90P1616I	25	1"	16	1"		47.6	69	74.6	146.7	415	6000
KF90P1620I	25	1"	16	1.1/4"		54	76	74.6	146.7	415	6000
KF90P2020I	32	1.1/4"	20	1.1/4"		54	93	87.7	176	415	6000
KF90P2024I	32	1.1/4"	20	1.1/2"		63.5	97	87.7	176	415	6000
KF90P2424I	40	1.1/2"	24	1.1/2"		63.5	111	99.5	193	345	5000
KF90P2432I	40	1.1/2"	32	2"		79.4	128	110	209	345	5000
KF90P3232I	50	2"	32	2"		79.4	128	144	242	345	5000

SERIE-INTERLOCK

Flangia 90° SAE J518 – 6000 PSI long drop

90° Flange 6000 PSI (one-piece)

Bride 90° 6000 PSI (pièce entier) / SFS-I 90° Flanschanschluss (long drop) 6000 PSI einteilig /
Brida 90° 6000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

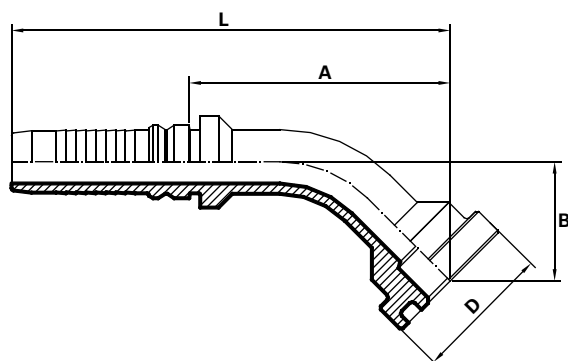
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones					Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	D	B ≈	A ≈	L ≈	PN bar	PSI
KF90P1212ILD	20	3/4"	12	3/4"	41.3	100	57	119	420	6090
KF90P1216ILD	20	3/4"	12	1"	47.6	140	57	119	420	6090
KF90P1616ILD	25	1"	16	1"	47.6	120	77	149	415	6000
KF90P2020ILD	32	1.1/4"	20	1.1/4"	54	120	89	177	415	6000
KF90P2024ILD	32	1.1/4"	20	1.1/2"	63.5	140	101	194.5	415	6000

SERIE-INTERLOCK

Flangia 45° SAE J518 – 6000 PSI intera

45° Flange 6000 PSI (one-piece)

Bride 45° 6000 PSI (pièce entier) / SFS-I 45° Flanschanschluss 6000 PSI einteilig / Brida 45° 6000 PSI (Pieza unica)



O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring

Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión		
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
KF45P1212I	20	3/4"	12	3/4"		41.3	35	67.7	129.5	420	6090
KF45P1216I	20	3/4"	12	1"		47.6	39	71.7	133.5	420	6090
KF45P1612I	25	1"	16	3/4"		41.3	32	83.6	155.7	415	6000
KF45P1616I	25	1"	16	1"		47.6	35	86.6	158.7	415	6000
KF45P1620I	25	1"	16	1.1/4"		54	40	91.6	163.7	415	6000
KF45P2020I	32	1.1/4"	20	1.1/4"		54	47	102.7	191	415	6000
KF45P2024I	32	1.1/4"	20	1.1/2"		63.5	50	105.7	194	415	6000
KF45P2424I	40	1.1/2"	24	1.1/2"		63.5	47	116.5	210	345	5000
KF45P2432I	40	1.1/2"	32	2"		79.4	64	145	235	345	5000
KF45P3232I	50	2"	32	2"		79.4	64	153	251	345	5000

SERIE-INTERLOCK

Flangia diritta SUPERCAT

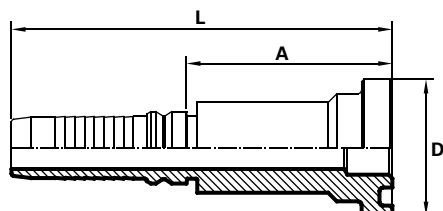
Straight SUPERCAT Flange (one-piece)

Bride droit SUPERCAT (pièce entier) / SFS-I Flanschanschluss SUPERCAT einteilig / Brida recta SUPERCAT (Pieza unica)

O-RING non compreso

Do not include O-RING

Sans O-Ring / O-Ring nicht inklusive / Sin O-Ring



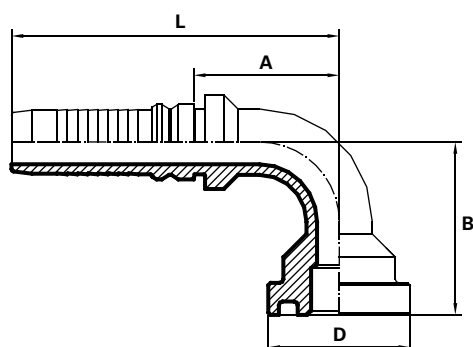
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones			Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	B	A	L	PN bar	PSI
KFDS1212I	20	3/4"	12	3/4"	41.3	55.7	117.5	420	6090
KFDS1216I	20	3/4"	12	1"	47.6	67.7	129.5	420	6090
KFDS1616I	25	1"	16	1"	47.6	69.6	141.7	415	6000
KFDS1620I	25	1"	16	1.1/4"	54	72.6	144.7	415	6000
KFDS2020I	32	1.1/4"	20	1.1/4"	54	69.7	158	415	6000
KFDS2024I	32	1.1/4"	20	1.1/2"	63.5	78.7	167	415	6000
KFDS2424I	40	1.1/2"	24	1.1/2"	63.5	78.5	172	345	5000

SERIE-INTERLOCK

Flangia 90° SUPERCAT

90° SUPERCAT Flange (one-piece)

Bride 90° SUPERCAT (pièce entier) / SFS-I 90° Flanschanschluss SUPERCAT einteilig / Brida 90° SUPERCAT (Pieza unica)



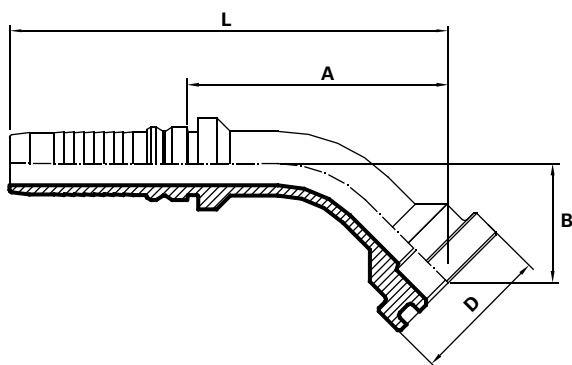
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F		D	B ≈	A ≈	L ≈	PN bar	PSI
KF90S1212I	20	3/4"	12	3/4"		41.3	67	54.7	116.5	420	6090
KF90S1216I	20	3/4"	12	1"		47.6	73	54.7	116.5	420	6090
KF90S1616I	25	1"	16	1"		47.6	75	74.6	146.7	415	6000
KF90S1620I	25	1"	16	1.1/4"		54	80	74.6	146.7	415	6000
KF90S2020I	32	1.1/4"	20	1.1/4"		54	97	87.7	176	415	6000
KF90S2024I	32	1.1/4"	20	1.1/2"		63.5	99	87.7	176	415	6000
KF90S2424I	40	1.1/2"	24	1.1/2"		63.5	113	99.5	193	345	5000

SERIE-INTERLOCK

Flangia 45° SUPERCAT

45° SUPERCAT Flange (one-piece)

Bride 45° SUPERCAT (pièce entier) / SFS-I 45° Flanschanschluss SUPERCAT einteilig / Brida 45° SUPERCAT (Pieza unica)



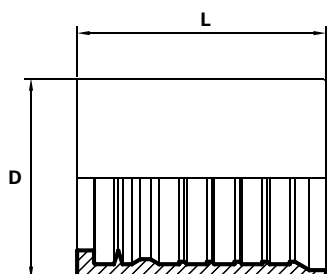
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo		Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	F	D	B ≈	A ≈	L ≈	PN bar	PSI
KF45S1212I	20	3/4"	12	3/4"	41.3	39	71.7	133.5	420	6090
KF45S1216I	20	3/4"	12	1"	47.6	43	75.7	137.5	420	6090
KF45S1616I	25	1"	16	1"	47.6	40	91.6	163.7	415	6000
KF45S1620I	25	1"	16	1.1/4"	54	43	94.6	166.7	415	6000
KF45S2020I	32	1.1/4"	20	1.1/4"	54	50	105.7	194	415	6000
KF45S2024I	32	1.1/4"	20	1.1/2"	63.5	51	106.7	195	415	6000
KF45S2424I	40	1.1/2"	24	1.1/2"	63.5	49	118.5	212	345	5000

SERIE-INTERLOCK

Boccola per tubo WATERBLAST a 4 spirali pelatura interna/esterna (double skive)

Ferrule for WATERBLAST (4 spirals)

Jupe pour WATERBLAST (4 spirales) / Presshülse WB-4 WATERBLAST 4 Spiralen (schälen) /
Casquillo para WATERBLAST (4 espirales)



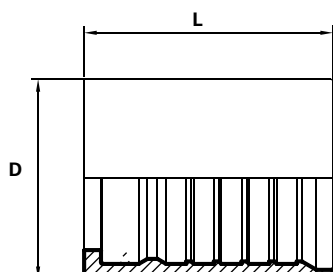
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones		Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size		D	L		
WB4-06	10	3/8"	06		30	57.5		
WB4-08	12	1/2"	08		34	65		
WB4-12	19	3/4"	12		45	69		

SERIE-INTERLOCK

Boccola per tubo WATERBLAST a 6 spirali pelatura interna/esterna (double skive)

Ferrule for WATERBLAST (6 spirals)

Jupe pour WATERBLAST (6 spirales) / Presshülse WB-6 WATERBLAST 6 Spiralen (schälen) /
Casquillo para WATERBLAST (6 espirales)



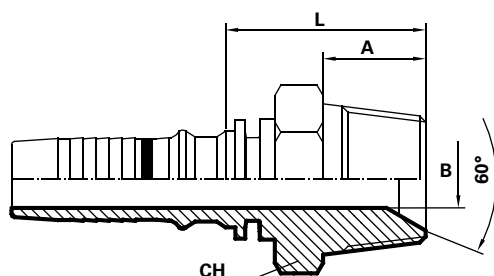
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo	Filetto Thread Filet Gewinde Rosca	Dimensioni Dimensions Dimensions Maßzahlen Dimensiones	Pressione Pressure Pression Nenndruck Presión	
	DN	Pollici Inches	Diam. Size	D	L
WB6-08	12	1/2"	08	38	64.5
WB6-12	19	3/4"	12	48	69

SERIE-INTERLOCK

Maschio NPTF SV 60° SAE J516 per tubo WATERBLAST

NPTF Male 60° cone for WATERBLAST

Mâle NPTF cône 60° pour WATERBLAST / AGN-W 60° Innenkonus für WATERBLAST (NPTF) /
Macho NPTF asiento 60° para WATERBLAST



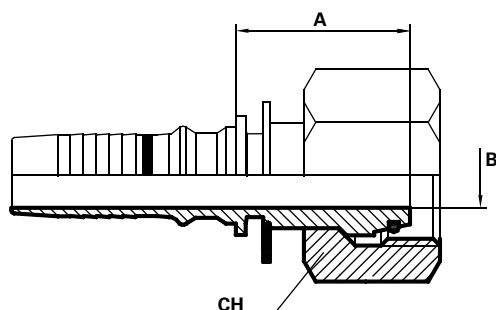
Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	fx1"	CH	L	B	A	
KMNPTF0606WB	10	3/8"	06	3/8"	18	22	38	8.5	15.5	
KMNPTF0808WB	12	1/2"	08	1/2"	10	27	44.6	10	21	
KMNPTF1212WB	20	3/4"	12	3/4"	15	32	49.4	15	21	

SERIE-INTERLOCK

Femmina diritta metrica serie pesante DIN 3865 per tubo WATERBLAST

Straight metric Female S type for WATERBLAST

Femelle droit métrique série S pour WATERBLAST / DKM-W 60° Konus für WATERBLAST (S-Serie) / Hembra métrica asiento 60° serie S para WATERBLAST



Codice Code Référence Bestell-Nr. Código	Tubo Hose Tube Rohr Tubo			Filetto Thread Filet Gewinde Rosca		Dimensioni Dimensions Dimensions Maßzahlen Dimensiones				Pressione Pressure Pression Nenndruck Presión
	DN	Pollici Inches	Diam. Size	F	T	CH	A	B		
KFE0622S14WB	10	3/8"	06	M22x1.5	14	27	32	4.8		
KFE0624S16WB	10	3/8"	06	M24x1.5	16	32	34.2	6.3		
KFE0824S16WB	12	1/2"	08	M24x1.5	16	32	35.4	7.5		
KFE1236S25WB	20	3/4"	12	M36x2	25	46	44.7	12		

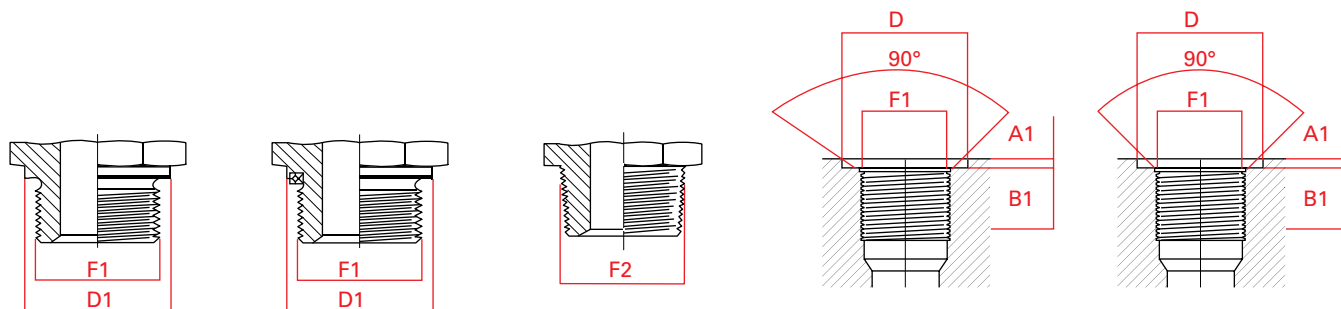
HIDRAX
HYDRAULIC CONNEXION

TECHNICAL DATA

Sedi e filettature BSP

Thread coupling – BSP Thread

Unions filetees – Filet Gaz / Einschraubgewinde Feingewinde – Gasgewinde / Rosca – Gas



Filettatura di estremità
Tipo B
Tenuta meccanica
Thread coupling Form B
Mechanical seal
Unions filetees Forme B
Joint mécanique
Einschraubgewinde
Feingewinde Form B
Abdichtung durch
Dichtkante
Rosca Forma B
Junta mecánica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-4

Filettatura di estremità Tipo E
Tenuta con guarnizione
Thread coupling Form E
Packing-ensured tightness
Unions filetees Forme E
Étanchéité par garniture
Einschraubgewinde
Feingewinde Form E
Dichtheit durch Dichtung
Rosca Forma E
Junta con guarnición

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-2

Filettatura di estremità Tipo C
Tenuta con filettatura conica
Thread coupling Form C
Taper thread
Unions filetees Forme C
Étanchéité par filetage conique
Einschraubgewinde
Feingewinde Form C
Abdichtung durch
Kegelgewinde
Rosca Forma C
Junta con rosca cónica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2

Sede filettata Tipo X
Per filettatura cilindrica
Port Form X
For parallel stud thread
Trou taraudé Forme X
Pour filetage gaz cylindrique
Einschraubloch Form X
Für zylindrische
Einschraubzapfen
Rosca Forma X
Para rosca cilíndrica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-1

Sede filettata Tipo Z
Per filettatura conica
Port Form Z
For tapered stud thread
Trou taraudé Forme Z
Pour filetage conique
Einschraubloch Form Z
Für kegelige
Einschraubzapfen
Rosca Forma Z
Para rosca cónica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2

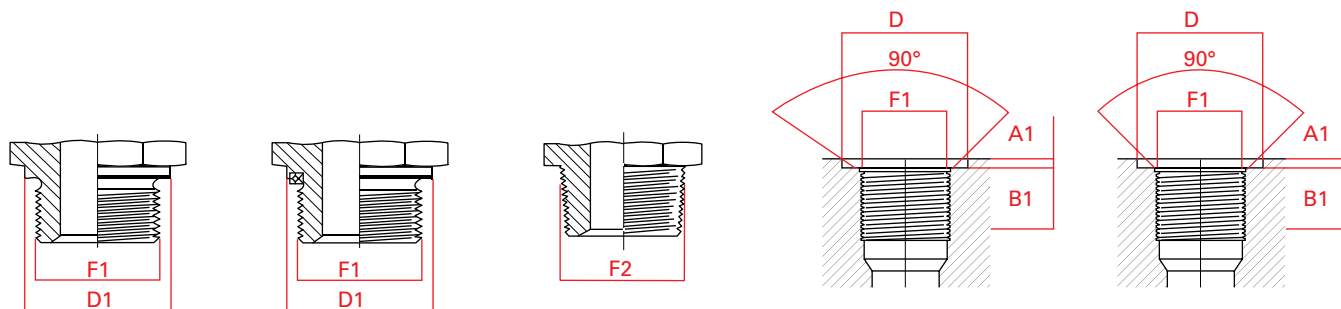
F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilíndrica
F2 Gas conico, BSPT, Gaz conique, Kegeliges Gasgewinde, Rosca cónica

F1	F2	A1	B1	D	D1	D2	B2	Tubo Hose Tube Rohr Tubo	Serie Series Série Reihe Serie
		Max	Min				Min		
1/8"	1/8"	1	8	15	14	14	5,5	6	L
1/4"	1/4"	1,5	12	19	18	18,9	8,5	8	L
1/4"	1/4"	1,5	12	19	18	18,9	8,5	10	L
3/8"	3/8"	1,5	12	23	22	22	8,5	12	L
1/2"	1/2"	2	12	27	26	26,9	10,5	15	L
1/2"	1/2"	2,5	14	27	26	26,9	10,5	18	L
3/4"	3/4"	2,5	16	33	32	32	13	22	L
1"	1"	2,5	18	40	39	39,9	16	28	L
1.1/4"	1.1/4"	2,5	20	50	49	49,9	17	35	L
1.1/2"	1.1/2"	2,5	22	56	55	55	17	42	L
1/4"	1/4"	1,5	12	19	18	18,9	8,5	6	S
1/4"	1/4"	1,5	12	19	18	18,9	8,5	8	S
3/8"	3/8"	1,5	12	23	22	22	8,5	10	S
3/8"	3/8"	2	12	23	22	22	8,5	12	S
1/2"	1/2"	2	14	27	26	26,9	10,5	14	S
1/2"	1/2"	2,5	14	27	26	26,9	10,5	16	S
3/4"	3/4"	2,5	16	33	32	32	13	20	S
1"	1"	2,5	18	40	39	39,9	16	25	S
1.1/4"	1.1/4"	2,5	20	50	49	49,9	17	30	S
1.1/2"	1.1/2"	2,5	22	56	55	55	17	38	S

Sedi e filettature Metriche

Thread coupling – Metric Thread

Unions filetees – Filet Métrique / Einschraubgewinde Feingewinde – metrisch / Rosca – Métrica



Filettatura di estremità
Tipo B

Tenuta meccanica

Thread coupling Form B

Mechanical seal

Unions filetees Forme B

Joint mécanique

Einschraubgewinde

Feingewinde Form B

Abdichtung durch

Dichtkante

Rosca Forma B

Junta mecánica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-4

Filettatura di estremità Tipo E

Tenuta con guarnizione

Thread coupling Form E

Packing-ensured tightness

Unions filetees Forme E

Étanchéité par garniture

Einschraubgewinde

Feingewinde Form E

Dichtheit durch Dichtung

Rosca Forma E

Junta con guarnición

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-2

Filettatura di estremità Tipo C

Tenuta con filettatura

Thread coupling Form C

Taper thread

Unions filetees Forme C

Étanchéité par filetage

conique

Einschraubgewinde

Feingewinde Form C

Abdichtung durch

Kegelgewinde

Rosca Forma C

Junta con rosca cónica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2

Sede filettata Tipo X

Per filettatura cilindrica

Port Form X

For parallel stud thread

Trou taraudé Forme X

Pour filetage gaz cylin-

drique

Einschraubloch Form X

Für zylindrische

Einschraubzapfen

Rosca Forma X

Para rosca cilíndrica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-1

Sede filettata Tipo Z

Per filettatura conica

Port Form Z

For tapered stud thread

Trou taraudé Forme Z

Pour filetage conique

Einschraubloch Form Z

Für kegelige

Einschraubzapfen

Rosca Forma Z

Para rosca cónica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2

F1 Metrico, Metric, Métrique, Metrisch, Métrico

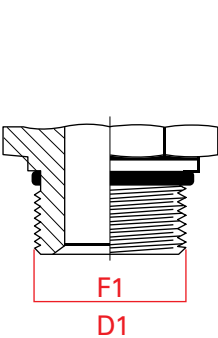
F2 Metrico conico, Metric taper, Métrique conique, Kegeliges metrisches Gewinde, Métrico Cónico

F1	F2	A1	B1	D	D1	D2	B2	Tubo Hose Tube Rohr Tubo	Serie Series Série Reihe Serie
		Max	Min				Min		
10x1	10x1	1	8	15	14	14	5,5	6	L
12x1,5	12x1,5	1,5	12	18	17	17	8,5	8	L
14x1,5	14x1,5	1,5	12	20	19	19	8,5	10	L
16x1,5	16x1,5	1,5	12	22	21	21,9	8,5	12	L
18x1,5	18x1,5	2	12	24	23	23,9	8,5	15	L
22x1,5	22x1,5	2,5	14	28	27	27	10,5	18	L
26x1,5		2,5	16	32	31	31,9		22	L
33x2		2,5	18	40	39	39,9		28	L
42x2		2,5	20	50	49	49,9		35	L
48x2		2,5	22	56	55	55		42	L
12x1,5	12x1,5	1,5	12	18	17	17	8,5	6	S
14x1,5	14x1,5	1,5	12	20	19	19	8,5	8	S
16x1,5	16x1,5	1,5	12	22	21	21,9	8,5	10	S
18x1,5	18x1,5	2	12	24	23	23,9	8,5	12	S
20x1,5	20x1,5	2	14	26	25	25,9	10,5	14	S
22x1,5	22x 1,5	2,5	14	28	27	27	10,5	16	S
27x2		2,5	16	33	32	32		20	S
33x2		2,5	18	40	39	39,9		25	S
42x2		2,5	20	50	49	49,9		30	S
48x2		2,5	22	56	55	55		38	S

Sedi e filettature UNF

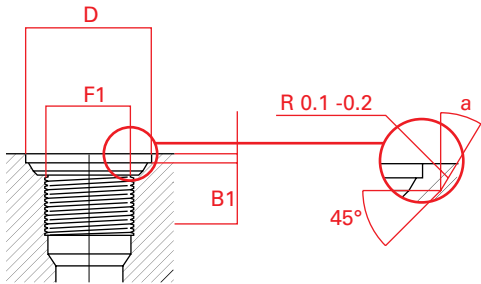
Thread coupling – UNF

Unions filetees – UNF / Einschraubgewinde Feingewinde – UNF / Rosca – UNF



UNF/UN-2A

Filettatura
Tenuta con O-ring
Male stud
O-ring sealing
Implantation
Étanchéité par joint torique
Einschraubzapfen
O-Ring Dichtung
Filete
Junta O-ring



UNF/UN-2A

Sede Filettata
Tenuta con O-ring
Port
O-ring sealing
Trou taraudé
Étanchéité par joint torique
Einschraubloch
O-Ring Dichtung
Rosca
Junta O-ring

F1 UNF

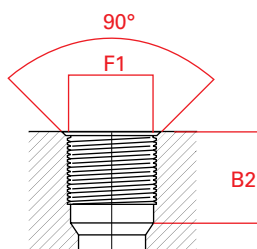
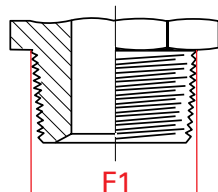
F1	A1	B1	D	D1	a
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	Max	Min			
7/16"	1,6	11,5	21	15,8	12°
1/2"	1,6	11,5	23	16,2	12°
9/16"	1,6	12,7	25	17,7	12°
3/4"	2,4	14,3	30	23	15°
7/8"	2,4	16,7	34	27	15°
1.1/16"	2,4	19	41	32	15°
1.5/16"	3,2	19	49	38,1	15°
1.5/8"	3,2	19	58	48	15°

Sedi e filettature NPT

Thread coupling – NPT

Unions filetees – NPT / Einschraubgewinde Feingewinde – NPT / Rosca – NPT



NPT

Filettatura
Tenuta con filettatura conica
 Male stud
Taper thread
 Implantation
Étanchéité par filetage conique
 Einschraubzapfen
Abdichtung durch Kegelgewinde
 Filete
Junta con rosca cónica

NPT

Sede Filettata
Per filettatura conica
 Port
For tapered stud thread
 Trou taraudé
Pour filetage conique
 Einschraubloch
Für kegelige Einschraubzapfen
 Rosca
Para rosca cónica

F1 NPT

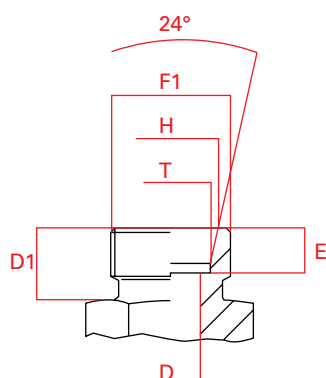
F1 B2

	Min
1/8"	1,6
1/4"	1,6
3/8"	1,6
1/2"	2,4
3/4"	2,4
1"	2,4
1.1/4"	3,2
1.1/2"	3,2

Estremità filettate DIN

Thread coupling DIN

Unions filetees DIN / Einschraubgewinde Feingewinde DIN / Rosca DIN



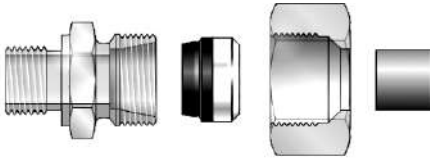
F1 Metrico, Metric, Métrique, Metrisch, Métrico

F1	T	C	E	H	D	D1	Serie Series Série Reihe Serie
12x1,5	6	10	7	8,1	4	10	L
14x1,5	8	10	7	10,1	6	10	L
16x1,5	10	11	7	12,3	8	11	L
18x1,5	12	11	7	14,3	10	11	L
22x1,5	15	12	7	17,3	12	12	L
26x1,5	18	12	7,5	20,3	15	12	L
30x2	22	14	7,5	24,3	19	14	L
36x2	28	14	7,5	30,3	24	14	L
45x2	35	16	10,5	38	30	16	L
52x2	42	16	11	45	36	16	L
14x1,5	6	12	7	8,1	4	12	S
16x1,5	8	12	7	10,1	5	12	S
18x1,5	10	12	7,5	12,3	7	12	S
20x1,5	12	12	7,5	14,3	8	12	S
22x1,5	14	14	8	16,3	10	14	S
24x1,5	16	14	8,5	18,3	12	14	S
30x2	20	16	10,5	22,9	16	16	S
36x2	25	18	12	27,9	20	18	S
42x2	30	20	13,5	33	25	20	S
52x2	38	22	16	41	32	22	S

Istruzioni di montaggio DIN 3859-2

Assembly instructions DIN 3859-2

Montageanleitung DIN 3859-2 / Instructions de montage DIN 3859-2 / Instrucciones de montaje DIN 3859-2



I raccordi VG ad anello tagliente sono costituiti dai seguenti componenti:

- 1) **Corpo raccordo**
- 2) **Dado**
- 3) **Anello tagliente**

La tenuta tra il corpo del raccordo ed il tubo si ottiene serrando il dado in modo che l'anello tagliente scorrendo sulla sede conica incida il tubo uniformemente e contemporaneamente si ancori ad esso.

VG fittings with cutting ring include the following parts:

- 1) **Union body**
- 2) **Double edge cutting ring**
- 3) **Nut**

The seal between the union and the tube is obtained by tightening the nut, so that the double edge cutting ring, sliding along the bevel housing of the union will uniformly cut into the tube and, at the same time, anchors between the tube and the bevel wall.

Les raccords VG avec bague coupante et sont formés par les parties composant:

- 1) **Corps du raccord**
- 2) **Ecrou**
- 3) **Bague coupante**

La tenue entre le corps du raccord et du tube est obtenue avec le serrage de l'écrou à la mesure que la bague coupante glissant sur le siège conique coupe le tube uniformément en même temps elle s'accroche au tube même.

Eine VG Rohrverschraubung besteht aus:

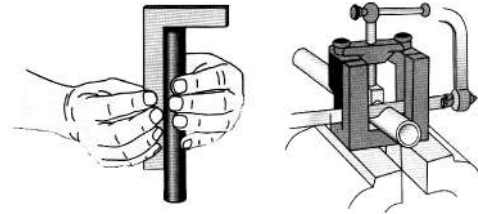
- 1) **Rohrverschraubungskörper**
- 2) **Zweikantenschneidring**
- 3) **Überwurfmutter**

Beim Anzug der Überwurfmutter schneiden die beiden Schneidkanten nacheinander bis zu einer definierten Grenze in die Rohroberfläche ein.

Los racores VG con anillo se componen de los siguientes componentes:

- 1) **Cuerpo del racor**
- 2) **Tuerca**
- 3) **Anillo**

El cierre entre el cuerpo del racor y el tubo se consigue apretando la tuerca de manera que el anillo cortante deslizándose sobre la cavidad cónica incide el tubo de manera uniforme y contemporaneamente se fije con el.



Il corretto montaggio del raccordo è determinante per un perfetto funzionamento.

Seguire le seguenti istruzioni di montaggio:

Tagliare il tubo ad angolo retto. E' ammesso 1/2° di tolleranza rispetto all'asse del tubo.

Non utilizzare attrezzi tagliatubo in quanto provocano forti sbavature e taglio obliquo. Tagliare mediante seghetto.

A proper assembly of the fitting is a basic condition to obtain a good performance.

Please, follow our assembly instructions:

Rectangular saw off the pipe. An angular offset of 1/2° is permissible. Do not use a tube cutter because this would leave a considerable burr and an angular cut at the tube ends. Use a sawing machine.

Le correcte assemblage du raccord est déterminant pour un fonctionnement parfait.

Suivre les instructions suivantes:

Couper le tube à angle droit. Un écart maximum de 1/2° est autorisé par rapport à l'axe du tube. Ne pas utiliser de coupe-tubes présentant une coupe imprécise ou un manque d'équerre. Couper en utilisant une scie.

Die sachgerechte Montage der Schneidringverschraubung ist Voraussetzung für eine einwandfreie Funktion.

Bitte beachten Sie unsere Montageanleitung. Das Rohr rechtwinklig absägen. Eine Winkelabweichung von 1/2° ist zulässig. Keinen Rohrabsteiner verwenden, da sonst das Rohr eingeschnürt werden kann. Benutzen Sie eine Sägemaschine.

Un correcto montaje del racor es determinante para un perfecto funcionamiento.

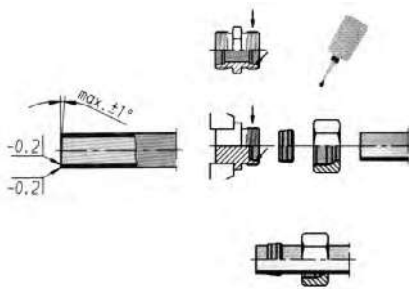
Atente a las instrucciones de montaje:

Cortar el tubo a escuadra. Se admite 1/2° de tolerancia respecto al eje del tubo. No se utilicen utensilios corta-tubo porque producen rebabas y corte obliquo. Utilizar una següeta.

Istruzioni di montaggio DIN 3859-2

Assembly instructions DIN 3859-2

Instructions de montage DIN 3859-2 / Montageanleitung DIN 3859-2 / Instrucciones de montaje DIN 3859-2



Sbavare leggermente il tubo all'interno ed all'esterno mantenendo il piano di appoggio (smusso max 0,2x45°) e assicurandosi che non rimangano residui metallici.

Oliare le filettature, la sede e l'anello tagliente. Non utilizzare grassi.

Slightly debur the inside and outside of the pipe, without damaging the mating surface (max. bevel 0.2x45°), making sure to remove all the metal particles.

Lubricate with oil seat, threads and double edge cutting ring. Avoid grease.

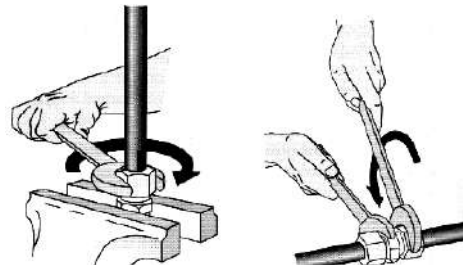
Ébavurer légèrement le tube à l'intérieur et à l'extérieur en maintenant le plan d'appui (chanfrein maxi 0,2x45°).

Huiler la bague, le filetage de l'écrou, le cône et le filetage du raccord. Ne pas utiliser des graisses.

Das Rohr innen und außen leicht entgraten, wobei die Auflagefläche erhalten bleiben muss (max. Abschrägung 0,2x45°). Stellen Sie sicher, dass keine Metallrückstände zurückbleiben. **Den Ring, das Gewinde der Mutter, den Konus und das Verschraubungsgewinde einölen. Verwenden Sie keine Fette.**

Rebabar apenas el tubo internamente y exteriormente manteniendo el plano de apoyo (bisel max 0,2x45°) y asegurándose que no quedan residuos metálicos.

Lubricar las roscas, la cavidad y el anillo. No utilizar grasas.



Infilare il dado e l'anello tagliente sulla parte finale del tubo. **Attenzione: gli spigoli dell'anello doppio tagliente devono trovarsi in direzione dell'estremità del tubo.** In caso contrario, il montaggio sarebbe errato. Inserire il tubo fino al suo arresto nel raccordo e serrare manualmente il dado fino al totale avvvitamento. Stringere con la chiave fino ad ottenere il bloccaggio del tubo, per circa 1 giro e 1/4" o 1 giro e 1/2", ponendo, se necessario, dei punti di riferimento sul tubo e sul dado. Il tubo non deve ruotare assieme al dado.

Place nut and cutting ring on the endside of the pipe.

Attention: to avoid a faulty assembly, be careful that the cutting edges of the ring face towards the tube end. Insert the pipe into the union until it reaches the stop and fully tighten the nut by hand. Tighten the nut with a spanner about 1 and 1/4 or 1 and 1/2 turns, putting reference marks on nut and tube if needed. The pipe must no longer turn within the union.

Introduire l'écrou et la bague coupante sur la partie finale du tube. **Attention: les coins de la bague coupante doit se placer à la direction de l'extrémité du tube.** En cas contraire l'assemblage ne serait pas correcte. Introduire le tube dans le raccord jusqu'à butée et serrer manuellement l'écrou jusqu'au serrage complet. Serrer l'écrou d'environ 1 tour et 1/4, 1 tour 1/2, en posant, si nécessaire, des points de signalisation sur le tube et l'écrou. Contrôler que le tube ne tourne pas avec l'écrou.

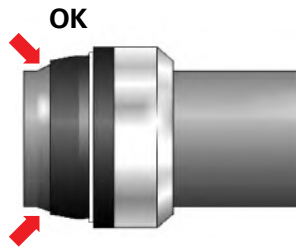
Die Mutter und den Ring bis zum Rohrende schieben dabei auf die richtige Lage des Schneidrings achten, sonst kommt es zur Fehlmontage. **Die Schulter des Schneidrings muss der Überwurfmutter zugekehrt sein.** Das Rohr bis zum Anschlag in die Verschraubung einführen und die Mutter von Hand vollständig anziehen. Die Überwurfmutter bis zu einem deutlichen Kraftanstieg um ca. 1 - 1/4 oder 1 - 1/2 Umdrehungen anziehen. Ein vorher angebrachter Markierungsstrich erleichtert das Beachten der Anzahl der Umdrehungen. Das Rohr darf sich nicht mehr in der Verschraubung drehen lassen.

Introducir la tuerca y el anillo hasta el extremo del tubo. **Atención: las aristas del anillo tienen que estar hacia el extremo del tubo.** De otra manera, el montaje no será correcto. Insertar el tubo a tope en el racor y apretar manualmente la tuerca hasta el fondo. Apretar la tuerca con la llave, hasta que el tubo se bloquee, aproximadamente 1 vuelta y 1/4" o 1 vuelta y 1/2", poniendo, si necesario, puntos de referencia sobre el tubo y la tuerca. Verificar que el tubo no gire con la tuerca.

Istruzioni di controllo e rimontaggio

Checking and reassembly

Contrôle et remontage / Kontrolle und erneute Montage / Control y montaje posterior



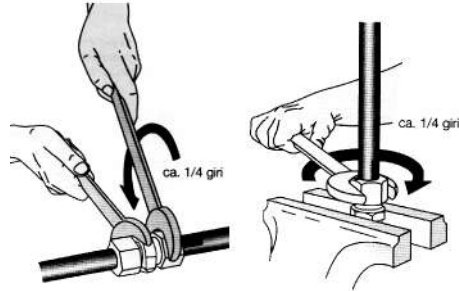
Svitare il dado e controllare l'uniformità dell'incisione dell'anello tagliente sul tubo. Non c'è nessun problema se l'anello gira sul tubo. In caso l'incisione non fosse uniforme ripetere l'operazione con un ulteriore serraggio.

Loosen nut end inspect cut, checking the penetration of the cutting edge. The ring may rotate now. If the cut is not uniform, repeat the operation, tightening further.

Desserrer l'écrou et contrôler l'uniformité du sertissage de la bague coupante sur le tube. La bague coupante peut tourner sur le tube. Si le sertissage n'est pas uniforme, répéter l'opération en serrant à nouveau.

Überwurfmutter lösen und kontrollieren: das aufgeworfene Rohrmaterial muss die Stirnfläche der Schneide gut ausfüllen. Der Schneidring darf sich auf dem Rohr noch drehen lassen. Sollte der Schnitt nicht gleichmäßig sein, muss der Vorgang durch erneutes Anziehen wiederholt werden.

Desenroscar la tuerca y controlar que la incisión sea uniforme en el tubo. No hay problema si el anillo gira. De no ser así, repetir la operación anterior.



Ogni volta che il raccordo viene smontato e successivamente rimontato, il dado dovrà essere serrato senza forzare eccessivamente. Le estremità dei tubi smontate vanno rimontate sullo stesso raccordo usato per il serraggio.

Every time the fitting is disassembled and subsequently reassembled, the nut must be re-tightened with the same force as used for the initial installation. The ends of dismantled pipes must be refitted to the same unions used for the tightening procedure.

Après chaque démontage du raccordement du tube, resserrer l'écrou sur le raccord. Ne forcer pas excessivement. Remonter les extrémités de tube démontées sur le même raccord utilisé pour le serrage.

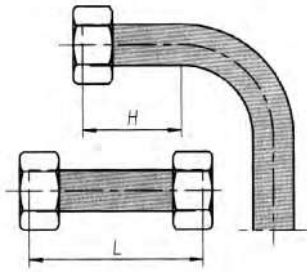
Jedes Mal wenn die Verschraubung ab und wieder aufmontiert wird, muss die Überwurfmutter ohne erhöhten Kraftaufwand fest gezogen werden. Die abmontierten Rohrenden müssen wieder auf dieselbe Verschraubung montiert werden, die bei der ersten Montage verwendet wurde.

Tras cada desmontaje, se debe volver a apretar la tuerca en el racor sin forzar excesivamente. Volver a montar las extremidades desmontadas de los tubos en el mismo racor utilizado por el apriete.

Istruzioni di controllo e rimontaggio

Checking and reassembly

Contrôle et remontage / Kontrolle und erneute Montage / Control y montaje posterior



Lunghezza minima del tubo dritto nelle curve: almeno 2 volte l'altezza del dado.
Lunghezza minima del tubo tra due raccordi: almeno 2,5-3 volte l'altezza del dado.

Minimum length of straight pipe in elbows: at least twice the thickness of the nut.
Minimum length of the pipe between two unions: at least 2.5-3 times the thickness of the nut.

Longuer minimale du tube droit dans les coudes: au moins deux fois la hauteur de l'écrou.
Longuer minimale du tube entre les deux raccords: au moins 2,5-3 fois la hauteur de l'écrou.

Mindestrohrlänge des geraden Rohrendes bei Kurven: mindestens 2x die Höhe der Mutter.
Mindestrohrlänge zwischen zwei Verschraubungen: 2,5-3 mal die Höhe der Mutter.

Longitud mínima del tubo recto en las curvas: por lo menos dos veces la altura de la tuerca.
Longitud mínima del tubo entre dos racores: por lo menos 2,5-3 veces la altura de la tuerca.



Il montaggio finale di tutti i raccordi premontati si ottiene, dopo opportuna lubrificazione, avvitando a mano il dado (premontato) sul corpo di un altro raccordo fino a verificare il punto di resistenza, quindi serrare di circa 1/2 giro.

For final assembly of all the prefitted unions, after appropriate lubrication screw the prefitted nut by hand onto the body of another union until the point of resistance is met, then tighten by a further 1/2 turn.

Le montage final de tous les raccords prémontés s'obtient, après la lubrification, en serrant manuellement l'écrou (prémonté) sur le corps d'un autre raccord jusqu'à butée. Serrer ensuite d'1/2 tour.

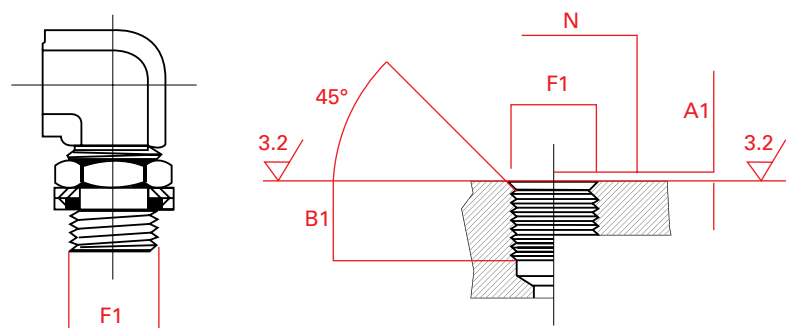
Die Endmontage aller vormontierten Verschraubungen erfolgt nach geeigneter Schmierung durch Abziehen der (vormontierten) Mutter auf dem Stutzen einer anderen verschraubung, bis Widerstand festgestellt wird. Nun ca eine 1/2 Drehung anziehen.

El montaje final de todos los racores premontados se obtiene lubricando todas las partes; después enroscar manualmente la tuerca en el cuerpo del otro racor hasta verificar el punto de resistencia. Apretar 1/2 vuelta.

Raccordi orientabili – Filettatura Gas cilindrica

Angular rotary fitting – BSPP Thread

Coude orientable – Filetage Gaz cylindrique / Einstellbare Winkelverschraubung – Zylinder Gasgewinde / Racor orientable – Rosca Gas cilíndrica



F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilíndrica

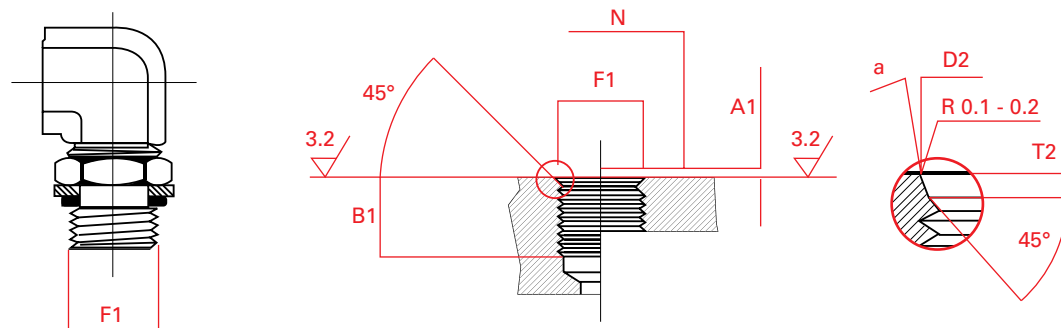
F1 B1 A1 N O-Ring

	Min	Max	Min	
1/8"	8	1,0	16,5	7,97x1,88
1/4"	11	1,5	21,5	10,77x2,62
3/8"	11	1,5	25,5	13,94x2,62
1/2"	14	1,5	30,0	17,86x2,62
3/4"	16	1,5	36,5	23,47x2,62
1"	19	2,0	46,0	29,74x3,53
1.1/4"	21	2,0	57,0	37,69x3,53
1.1/2"	21	2,0	63,5	44,04x3,53

Raccordi orientabili – Filettatura UNF

Angular rotary fitting – UNF Thread

Coude orientable – Filetage UNF / Einstellbare Winkelverschraubung – Gewinde UNF / Racor orientable – Rosca UNF



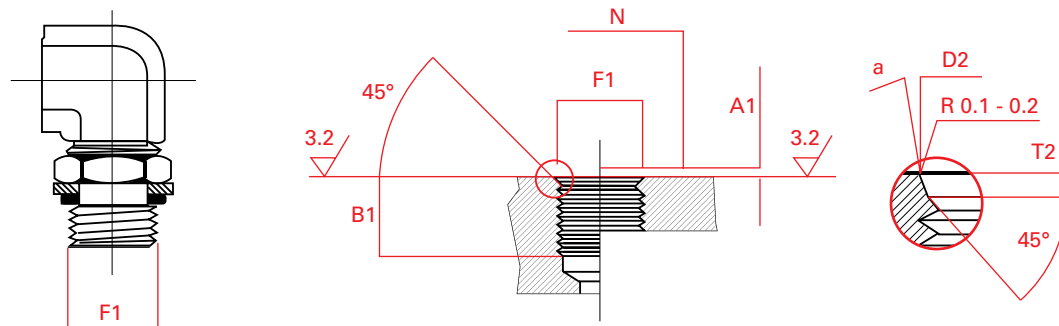
F1 UNF

F1	a	B1	A1	N	O-Ring	D2	T1	T2
		Min	Max	Min				
7/16"	12°	12	1,0	21	8,92x1,83	12,4	14	2,4
9/16"	12°	13	1,0	26	11,89x1,98	15,6	16	2,5
3/4"	12°	15	1,5	32	16,36x2,21	20,6	18	2,6
7/8"	12°	17	1,5	35	19,18x2,46	23,9	20	2,6
1.1/16"	12°	20	1,5	42	23,47x2,95	29,2	24	3,3
1.5/16"	12°	20	2,0	50	29,74x2,95	35,5	24	3,3
1.5/8"	12°	20	2,5	60	37,47x3,00	43,5	24	3,4
1.7/8"	1"	20	2,5	65	43,69x3,00	49,8	24	3,4

Raccordi orientabili - Filettatura Metrica

Angular rotary fitting – Metric Thread

Coude orientable – Filetage Métrique / Einstellbare Winkelverschraubung – metrisch / Racor orientable – Rosca Métrica



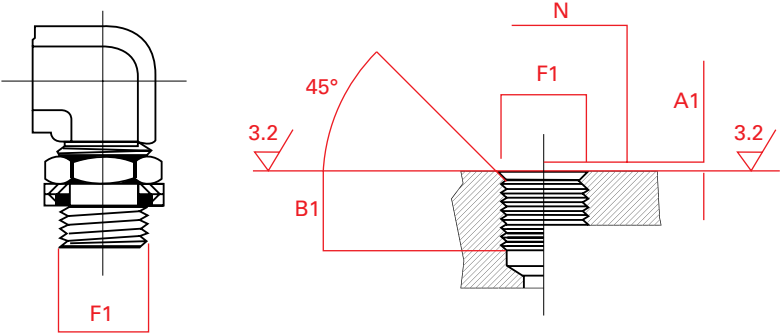
F1 Metrico, Metric, Métrique, Metrisch, Métrico

F1		B1	A1	N	O-Ring	D2	T1	T2
		Min	Max	Min				
10x1	12°	10,0	1,0	20	8,1x1,6	11,1	11,5	1,6
12x1,5	15°	11,5	1,5	23	9,3x2,2	13,8	14,0	2,4
14x1,5	15°	11,5	1,5	25	11,3x2,2	15,8	14,0	2,4
16x1,5	15°	13,0	1,5	28	13,3x2,2	17,8	15,5	2,4
18x1,5	15°	14,5	2,0	30	15,3x2,2	19,8	17,0	2,4
22x1,5	15°	15,5	2,0	34	19,3x2,2	23,8	18,0	2,4
27x2	15°	19,0	2,0	40	23,6x2,9	29,4	22,0	3,1
33x2	15°	19,0	2,5	49	29,6x2,9	35,4	22,0	3,1
42x2	15°	19,5	2,5	60	38,6x2,9	44,4	22,5	3,1
48x2	15°	22,0	2,5	66	44,6x2,9	50,4	25,0	3,1

Raccordi orientabili - Filettatura Metrica

Angular rotary fitting – Metric Thread

Coude orientable – Filetage Métrique / Einstellbare Winkelverschraubung – metrisch / Racor orientable – Rosca Métrica



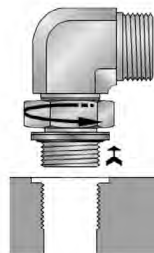
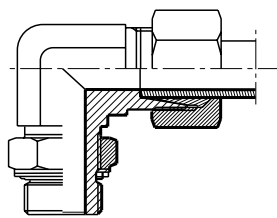
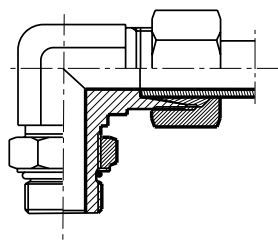
F1 Metrico, Metric, Métrique, Metrisch, Métrico

F1	B1	A1	N	O-Ring
	Min	Max	Min	
10x1	8	1,0	15	8,1x1,6
12x1,5	12	1,5	18	9,3x2,2
14x1,5	12	1,5	20	11,3x2,2
16x1,5	12	1,5	23	13,3x2,2
18x1,5	12	2,0	25	15,3x2,2
22x1,5	14	2,0	28	19,3x2,2
27x2	16	2,0	33	23,6x2,9
33x2	18	2,5	41	29,6x2,9
42x2	20	2,5	51	38,6x2,9
48x2	22	2,5	56	44,6x2,9

Istruzioni di montaggio per raccordi orientabili

Assembly instructions – Angular rotary fitting

Instructions de montage – Coude orientable / Montageanleitung – Einstellbare Winkelverschraubung / Instrucciones de montaje – Racor orientable



Versione con filetto UNF/UN e Metrico cilindrico

Versione con filetto Gas cilindrico (BSPP) Metrico cilindrico

Svitare il più possibile il controdado.
La guarnizione O-ring e la rondella fissa antiestrusione devono trovarsi alla estremità superiore della gola di scarico filetto. Oleare la guarnizione O-ring.
Nella versione con filetto Gas e Metrico cilindrico infilare la rondella mobile sulla guarnizione O-ring.

Version with UNF/UN-thread Metric parallel-thread

Version with BSP parallel Cylindrical thread

Screw back bulkhead nut as far as it goes.
O-ring and fixed anti-extrusion should be at the upper end of the notch. Oil the O-ring.
In the versions with BSPP, Metric cylindrical thread slip mobile ring over O-ring.

Version avec filetage UNF/UN et Métrique cylindrique

Version avec filetage Gaz cylindrique (BSPP) Métrique cylindrique

Dévisser le contre-écrou le plus possible.
Jointe torique et rondelle fixe anti-extrusion doivent se trouver tout au bout haut de l'entaille. Huiler la Jointe torique. Dans le version avec filet GAZ, Métrique cylindrique mettre la rondelle mobile d'étanchéité sur la Jointe torique.

Ausführungen UNF/UN-Gewinde metrisch – zylindrisch

Ausführungen Gewinde BSPP metrisch – zylindrisch

Die Kontermutter so weit wie möglich zurück-schrauben. Den O-Ring und die feste Druckscheibe müssen sich am oberen Ende des Freistichs befinden. Den O-Ring ölen.
Bei den Ausführungen mit Withworth-Rohrgewinde und metrischem Zylindrischgewinde die bewegliche Unterlegscheibe über den O-Ring schieben.

Versiones con rosca UNF/UN y Metrica cilíndrica

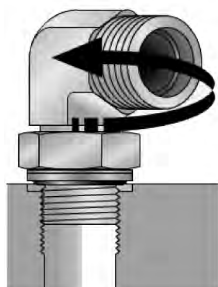
Versiones con rosca Gas cilíndrico (BSPP) Metrico cilíndrico

Desenroscar la contratuercia lo más posible.
Junta tórica y arandela fija a prueba de extrusión debe encontrarse en la extremidad superior de la muesca. Lubricar la junta tórica. En las versiones con rosca GAS Metrico cilíndrico poner la arandela móvil sobre la junta tórica.

Istruzioni di montaggio per raccordi orientabili

Assembly instructions – Angular rotary fitting

Instructions de montage – Coude orientable / Montageanleitung – Einstellbare Winkelverschraubung / Instrucciones de montaje – Racor orientable



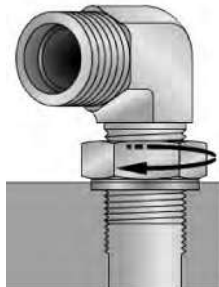
Avvitare manualmente il raccordo nella sede filettata fino a quando la rondella mobile o la rondella fissa anti-estrusione non appoggia sulla superficie lavorata. Per regolare il raccordo nella posizione desiderata farlo girare in senso antiorario di un giro al massimo.

Manually screw the fitting into the screwing hole until mobile ring or fixed anti-extrusion comes to rest. To adjust in the wanted position turn back by maximum one turn.

Visser manuellement le raccord dans le trou de vissage jusqu'à ce que la rondelle mobile ou la rondelle fixe anti-extrusion appuie. Pour le régler dans la position voulue, le tourner à l'envers d'un tour au maximum.

Verschraubung in das Einschraubloch von Hand eindrehen, bis feste Druckscheibe oder bewegliche Unterlegscheibe aufliegt. Einteilung in die gewünschte Richtung durch Zurückdrehen um höchstens eine Umdrehung.

Atornillar manualmente el racor en el agujero de atornillamiento hasta que la arandela móvil o la arandela fija a prueba de extrusión, apoye. Para ajustarlo en la posición deseada, hacer girar hacia atrás una vuelta al máximo.



Serrare completamente il controdado tenendo il corpo del raccordo, con una chiave fissa, nella posizione desiderata.

Tighten bulkhead nut completely while keeping the fitting body in the wanted position.

Serrer complètement le contre-écrou tout en tenant le corps du raccord dans la position voulue.

Kontermutter festziehen und dabei den Verschraubungskörper in der gewünschten Richtung halten.

Apretar completamente la contratuercas teniendo el cuerpo del racor en la posición deseada.

O-Ring

O-Ring

O-ring / O-Ring / O-ring



CONO 24° ISO 8434-4

24° CONE ISO 8434-4

Cône 24° ISO 8434-4 / 24° ISO 8434-4 Kegel

Codice	Tubo	Dimensioni
Code	Hose	Dimensions
Référence	Tube	Dimensions
Bestell-Nr.	Rohr	Maßzahlen
Código	Tubo	Dimensiones

		D	H
7202506000	6L	4	1,5
7202508000	8L/S	6	1,5
7202510000	10L/S	7,5	1,5
7202512000	12L/S	9	1,5
7202514000	14S	10	2
7202515000	15L/16S	12	2
7202518000	18L	15	2
7202520000	20S	16,3	2,4
7202522000	22L	20	2
7202525000	25S	20,3	2,4
7202528000	28L	25,3	2,4
7202530000	30S	26	2
7202535000	35L	32	2,5
7202538000	38S	33,3	2,4
7202542000	42L	38	2,5

ORFS - ISO 8434-3

ORFS - ISO 8434-3

ORFS - ISO 8434-3 / ORFS - ISO 8434-3

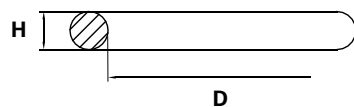
Codice	Filetto	Dimensioni
Code	Thread	Dimensions
Référence	Filet	Dimensions
Bestell-Nr.	Gewinde	Maßzahlen
Código	Rosca	Dimensiones

			D	H	OR
7202906000	9/16"	6	7,65	1,78	2031
7202909000	11/16"	8-10	9,25	1,78	2037
7202911000	13/16"	12	12,42	1,78	2050
7202913000	1 "	14-15-16	15,6	1,78	2062
7202914000	1"3/16	18-20	18,77	1,78	2075
7202915000	1"7/16	22-25	23,52	1,78	2093
7202921000	1" 11/16	28-30-32	29,87	1,78	2118
7202932000	2"	35-38	37,82	1,78	2150

O-Ring

O-Ring

O-ring / O-Ring / O-ring



FILETTO UNF/UN ISO 11926-2-3

UNF/UN thread - ISO 11926-2-3

Filetage UNF/UN - ISO 11926-2-3 / UNF/UN - ISO 11926-2-3 Gewinde

Codice	Tubo	Dimensioni
Code	Hose	Dimensions
Référence	Tube	Dimensions
Bestell-Nr.	Rohr	Maßzahlen
Código	Tubo	Dimensiones

		D	H
7202804000	7/16-20	8,9	1,83
7202805000	1/2-20	10,52	1,83
7202806000	9/16-18	11,9	1,98
7202808000	3/4-16	16,36	2,2
7202810000	7/8-14	19,18	2,46
7202812000	1.1/16-12	23,47	2,95
7202816000	1.5/16-12	29,74	2,95
7202820000	1.5/8-12	37,46	3
7202824000	1.7/8-12	43,69	3

FLANGE SAE J 518 SERIE 3000/6000 PSI

Flange SAE J 518 3000/6000 PSI series

Bride SAE J 518 série 3000/6000 PSI / SAE J 518 Flansch 3000/6000 PSI Series

Codice	Diametro	Dimensioni
Code	Diameter	Dimensions
Référence	Diamètre	Dimensions
Bestell-Nr.	Durchmesser	Maßzahlen
Código	Diámetro	Dimensiones

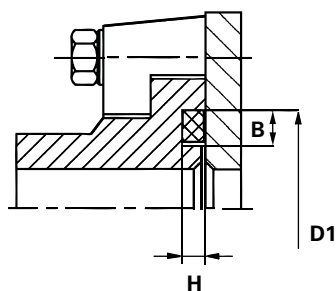
		D	H	OR
7202008000	1/2"	18,64	3,53	4075
7202012000	3/4"	24,99	3,53	4100
7202016000	1"	32,92	3,53	4131
7202020000	1"1/4	37,69	3,53	4150
7202024000	1"1/2	47,22	3,53	4187
7202032000	2"	56,74	3,53	4225
7202040000 *	2"1/2	69,44	3,53	4275
7202048000 *	3"	85,32	3,53	4337

* Solo per SAE 3000 - Nur für SAE 3000 - Only for SAE 3000 - Uniquement pour SAE 3000

Guarnizioni quadre O-Ring

O-Ring square seals

Joints carrés O-ring / O-Ring quadratische Dichtungen / Sellos cuadrados O-ring



FLANGE SAE J 518 SERIE 3000/6000 PSI

Flange SAE J 518 3000/6000 PSI series

Bride SAE J 518 3000/6000 PSI série / SAE J 518 Flansch 3000/6000 PSI Series

Codice Code Référence Bestell-Nr. Código	Diametro tubazione Hose diameter Diamètre du tube Rohrdurchmesser Diámetro del tubo	Dimensioni flangia Flange size Taille de la bride Flanschgröße Dimensiones de la brida	Dimensioni flangia Flange size Taille de la bride Flanschgröße Dimensiones de la brida			
	inch	DN	D1	B	H	
7202108000	1/2"	13 (12)	25,40 - 25,83	3,94 - 4,45	2,79 - 2,92	17,00 x 25,40 x 2,85
7202112000	3/4"	19 (20)	31,75 - 31,88	3,94 - 4,45	2,79 - 2,92	23,40 x 31,80 x 2,85
7202116000	1"	25	39,62 - 39,75	3,94 - 4,45	2,79 - 2,92	31,30 x 39,70 x 2,85
7202120000	1"1/4	32	44,45 - 44,58	3,94 - 4,45	2,79 - 2,92	36,10 x 44,50 x 2,85
7202124000	1"1/2	38	53,72 - 53,98	3,94 - 4,45	2,79 - 2,92	45,40 x 53,80 x 2,85
7202132000	2"	51 (50)	63,25 - 63,50	3,94 - 4,45	2,79 - 2,92	55,00 x 63,40 x 2,85

Temperature di esercizio

Operating temperatures

Températures d'utilisation / Betriebstemperatur / Temperatura de utilización

Le temperature indicative di esercizio ammesse per i singoli materiali (influenzabili dal tipo di fluido):

Raccordi in acciaio al carbonio

da -40°C a +200°C

Guarnizioni di tenuta NBR

da -35°C a +100°C

The working temperatures depend on the materials (also influenced by the operating medium):

For fittings in carbon steel

-40°C up to +200°C

For seal materials NBR

-35°C up to +100°C

Les températures indicatives d'exercice admis pour chacun de matériels (influencés par typologies de fluides):

Raccords en acier en carbone

entre -40° C et + 200° C

Joint NBR

entre -35°C et +100°C

Die zulässigen Betriebstemperaturen sind vom verwendeten Werkstoff abhängig (auch durch das Medium beeinflussbar):

Für Verschraubungswerkstoffe

Stahl -40°C bis +200°C

Für Dichtungswerkstoffe

NBR -35°C bis +100°C

Temperaturas según los tipos de material (influyentes del tipo fluido):

racores en acero carbono

de -40°C a +200°C

material de ajuste NBR

de -35°C a +100°C

Per le temperature elevate è necessario ridurre le pressioni di utilizzo. Se il materiale dei tubi impiegati è differente da quello dei raccordi occorre verificare separatamente il campo delle temperature ammesse e le necessarie riduzioni di pressione.

Per i raccordi con i filetti maschi si deve eventualmente tener conto di riduzioni supplementari considerando il materiale del gruppo dove si avvita il raccordo e la tipologia di tenuta dello stesso.

When working at high temperatures, the operating pressure must be reduced.

Temperatures and pressure reductions in a hydraulic system must be referred to the tube material, in addition to the fitting material.

Male stud couplings may require extra pressure reductions, related to the material where the fitting is screwed in and to the sealing system.

Pour les hautes températures est nécessaire réduire les pressions d'exercice.

Si le matériel des tubes utilisés est différent de celui des raccords il faut vérifier séparément les champs des températures admis et les nécessaires réductions de pressions.

Pour les raccords avec les filets mâles on doit éventuellement tendre compte des réductions supplémentaires en considérant le matériel du groupe où on visse les raccords et la typologie de tenue du même.

Bei Erhöhung der zulässigen Betriebstemperaturen müssen die Betriebsdrücke reduziert werden. Weichen die verwendeten Rohrwerkstoffe von denen der Verschraubungen ab, sind die Rohre hinsichtlich des zulässigen Temperaturbereiches und der eventuell erforderlichen Druckabschläge getrennt zu überprüfen. Bei Verschraubungskomponenten mit Einschraubzapfen können zusätzliche Druckabschläge erforderlich sein, das der Gegenwerkstoff des Aggregates, in das die Teile eingeschraubt werden sowie, das verwendete Dichtsystem berücksichtigt werden müssen.

Por las altas temperaturas se necesita reducir la presión. Si el material de los tubos utilizados es diferente del material de los racores hay que verificar separadamente las temperaturas admitidas y las necesarias reducciones de presión. Para los racores macho se tienen posiblemente que considerar suplementarios reducciones considerando el material del grupo donde se enrosca el racor y el tipo de ajuste del mismo.

Temperature di esercizio

Operating temperatures

Températures d'utilisation / Betriebstemperatur / Temperatura de utilización

Acciaio

Riduzione di pressione per temperature di esercizio TB in °C

Steel

Pressure reduction for working temperatures TB in °C

Acier

Réduction de pression pour les températures de utilisation TB en °C

Stahl

Druckabschläge für Betriebstemperatur TB in °C

Acero

Reducción de presión por temperaturas de utilización TB en °C

-60° C — +120° C	0%
+150° C	11%
+175° C — +200° C	19%
+250° C	25%

La pressione nominale (PN) è il valore della pressione di utilizzo per applicazioni dinamiche a ciclo continuo secondo la norma DIN 2401 parte 1 ISO 2944. Il fattore di sicurezza con pressioni statiche è almeno 2,5 volte il valore della pressione nominale.

Nominal pressure (PN). The nominal value of the operating pressure for dynamic applications according to DIN 2401 Part 1 ISO 2944. The safety factor for static pressures is at least 2,5 times the PN value.

La pression nominale (PN) est la valeur de la pression d'exercice pour les applications dynamiques à cycle continué selon la règle DIN 2401 part 1 ISO 2944. Le facteur de sûreté, avec des pressions statiques, est au moins 2,5 fois la valeur de la pression nominale.

Nenndruck (PN): Die gebräuchliche, auf den Druck bezogene Kennzahl für dynamische Verwendungen nach DIN 2401 Teil 1 ISO 2944. Der Sicherheitsfaktor bei statischen Drucken ist mindestens das 2,5-fache des PN Wertes.

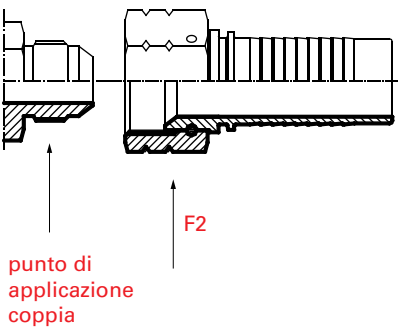
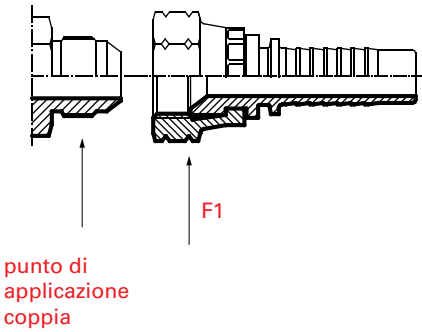
La presión nominal (PN) es el valor de la presión de utilización para aplicaciones dinámicas a ciclo continuo según la norma DIN 2401 parte 1 ISO 2944. El factor de seguridad con presiones estáticas es por lo menos 2,5 veces el valor de la presión nominal.

Coppie di serraggio (Nm)

Torque wrench

Couples de serrage / Anzugsmoment ISO 12151 – SAE J516 / Tuerca de ajuste

Raccordi JIC SAEJ514



F1 JIC

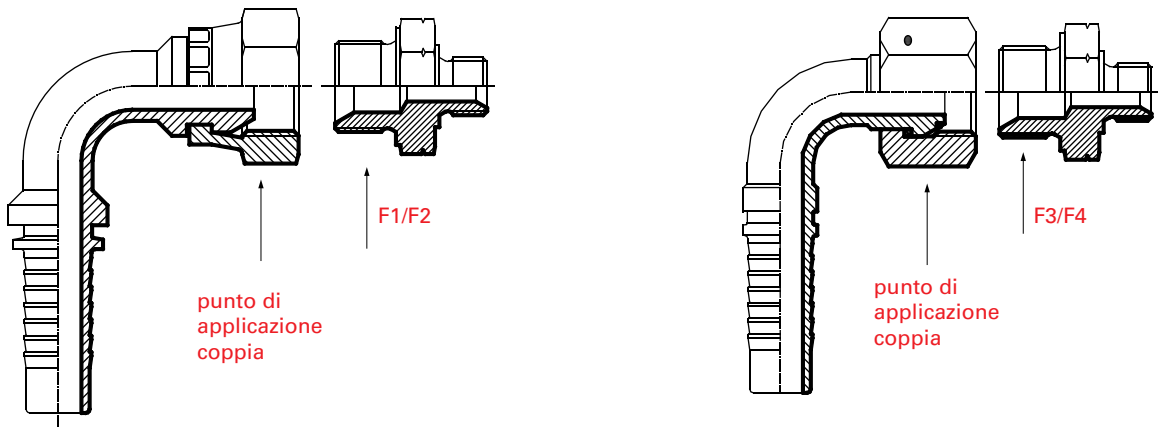
F1	N min/max (Nm)	F2	N max (Nm)
7/16"	15/16	7/16"	20
1/2"	19/21	1/2"	25
9/16"	24/28	9/16"	35
3/4"	49/50	3/4"	60
7/8"	77/85	7/8"	85
1.1/16"	107/119	1.1/16"	115
1. 5/16"	147/154	1. 5/16"	230
1.5/8"	172/181	1.1/5"	380
1.7/8"	215/226	1.7/8"	460

Coppie di serraggio (Nm)

Torque wrench

Couples de serrage / Anzugsmoment ISO 12151 – SAE J516 / Tuerca de ajuste

Raccordi METRICO / BSP SV60°



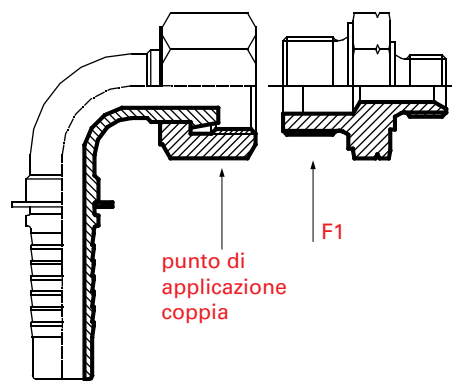
F1 / F3				F2 / F4			
F1	N max (Nm)	F2	N max (Nm)	F3	N max (Nm)	F4	N max (Nm)
1/8"	10	10x1	10	1/8"	14	10x1	14
1/4"	20	12x1.5	20	1/4"	20	12x1.5	20
3/8"	35	14x1.5	35	3/8"	35	14x1.5	35
1/2"	60	16x1.5	60	1/2"	60	16x1.5	60
5/8"	70	18x1.5	70	5/8"	70	18x1.5	70
3/4"	115	20x1.5	70	3/4"	110	20x1.5	80
1"	140	22x1.5	115	1"	170	22x1.5	100
1.1/4"	210	26x1.5	130	1.1/4"	290	26x1.5	170
		27x1.5	140			27x1.5	170
		28x1.5	150			28x1.5	170
		30x1.5	190			30x1.5	250
		33x2	210			33x2	290

Coppie di serraggio (Nm)

Torque wrench

Couples de serrage / Anzugsmoment ISO 12151 – SAE J516 / Tuerca de ajuste

Raccordi ORFS



F1 ORFS

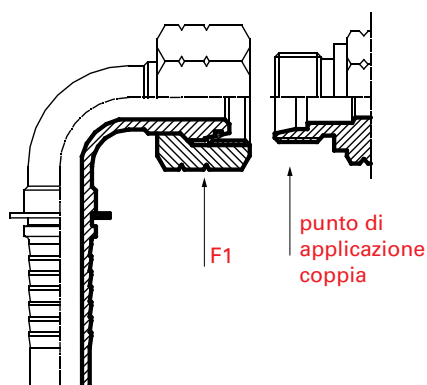
F1	N min (Nm)	N max (Nm)
9/16"-18	14	16
11/16"-16	24	27
13/16"-16	43	47
1"-14	60	68
1 3/16"-12	90	95
1.7/16"-12	125	135
1. 11/16"-12	170	190
2"-12	200	225

Coppie di serraggio (Nm)

Torque wrench

Couples de serrage / Anzugsmoment ISO 12151 – SAE J516 / Tuerca de ajuste

Raccordi DKOL / DKOS



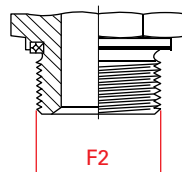
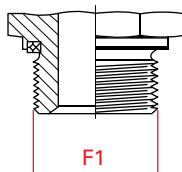
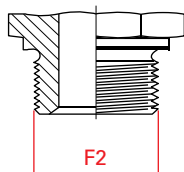
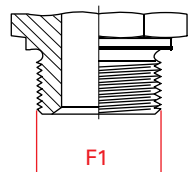
F1 DKOL/DKOS

F1	Serie	N min (Nm)	N max (Nm)	F1	Serie	N min (Nm)	N max (Nm)
12x1.5	6L	15	25	14x1.5	6S	30	45
14x1.5	8L	30	45	16x1.5	8S	38	52
16x1.5	10L	38	52	18x1.5	10S	43	58
18x1.5	12L	43	58	20x1.5	12S	50	65
22x1.5	15L	60	88	22x1.5	14S	60	88
26x1.5	18L	85	125	24x1.5	16S	60	88
30x2	22L	115	155	30x2	20S	115	155
36x2	28L	140	192	36x2	25S	140	192
45x2	35L	255	325	42x2	30S	210	270
52x2	42L	280	380	52x2	38S	280	380

Coppie di serraggio (Nm) DIN 2353 24°

Torque wrench DIN 2353 24°

Couples de serrage DIN 2353 24° / Anzugsmoment DIN 2353 24° / Tuerca de ajuste DIN 2353 24°



Filettatura di estremità Tipo B

Tenuta meccanica

Thread coupling Form B

Mechanical seal

Unions filetees Forme B

Joint mécanique

Einschraubgewinde

Feingewinde Form B

Abdichtung durch

Dichtkante

Rosca Forma B

Junta mecánica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-4

Filettatura di estremità Tipo B

Tenuta meccanica

Thread coupling Form B

Mechanical seal

Unions filetees Forme B

Joint mécanique

Einschraubgewinde

Feingewinde Form B

Abdichtung durch

Dichtkante

Rosca Forma B

Junta mecánica

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 9974-3

Filettatura di estremità Tipo E

Tenuta con guarnizione

Thread coupling Form E

Packing-ensured tightness

Unions filetees Forme E

Étanchéité par garniture

Einschraubgewinde

Feingewinde Form E

Dichtheit durch Dichtung

Rosca Forma E

Junta con guarnición

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 1179-2

Filettatura di estremità Tipo E

Tenuta con guarnizione

Thread coupling Form E

Packing-ensured tightness

Unions filetees Forme E

Étanchéité par garniture

Einschraubgewinde

Feingewinde Form E

Dichtheit durch Dichtung

Rosca Forma E

Junta con guarnición

DIN 3852 Foglio, Part,
Patie, Teil, Hoja 2
ISO 9974-2

F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilndrica

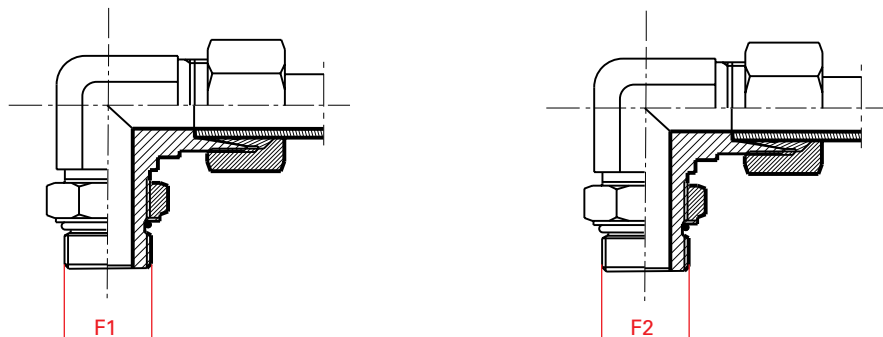
F2 Metrico, Metric, Métrique, Metrisch, Métrico

F1	Forma Form Forme Form Forma	F2	Forma Form Forme Form Forma	Tubo Hose Tube Rohr Tubo	Serie Series Série Reihe Serie		
	B (Nm)	E (Nm)	B (Nm)	E (Nm)			
1/8"	25	20	10x1	25	20	6	L
1/4"	45	40	12x1,5	30	30	8	L
1/4"	45	40	14x1,5	50	50	10	L
3/8"	85	80	16x1,5	80	60	12	L
1/2"	160	100	18x1,5	90	80	15	L
1/2"	105	100	22x1,5	150	140	18	L
3/4"	230	200	26x1,5	240	200	22	L
1"	390	380	33x2	400	380	28	L
1.1/4"	600	500	42x2	600	500	35	L
1.1/2"	800	600	48x2	800	600	42	L
1/4"	60	60	12x1,5	45	45	6	S
1/4"	60	60	14x1,5	60	60	8	S
3/8"	110	90	16x1,5	95	80	10	S
3/8"	110	90	18x1,5	120	100	12	S
1/2"	170	130	20x1,5	170	140	14	S
1/2"	140	130	22x1,5	190	150	16	S
3/4"	320	200	27x2	320	200	20	S
1"	390	380	33x2	450	380	25	S
1.1/4"	600	500	42x2	600	500	30	S
1.1/2"	800	600	48x2	800	600	38	S

Coppie di serraggio (Nm) DIN 2353 24°

Torque wrench DIN 2353 24°

Couples de serrage DIN 2353 24° / Anzugsmoment DIN 2353 24° / Tuerca de ajuste DIN 2353 24°



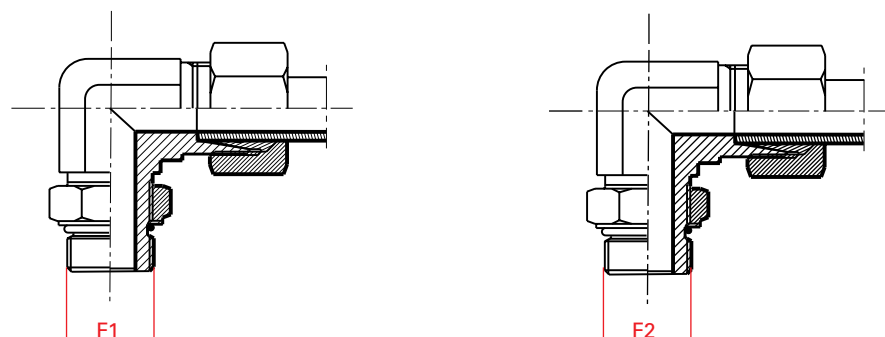
F1 Metrico, Metric, Métrique, Metrisch, Métrico
F2 UNF

F1	Nm	F2	Nm	Tubo Hose Tube Rohr Tubo	Serie Series Série Reihe Serie
1/8"	20	10x1	20	6	L
1/4"	40	12x1,5	30	8	L
1/4"	40	14x1,5	50	10	L
3/8"	80	16x1,5	60	12	L
1/2"	100	18x1,5	80	15	L
1/2"	100	22x1,5	140	18	L
3/4"	200	26x1,5	200	22	L
1"	380	33x2	380	28	L
1.1/4"	500	42x2	500	35	L
1.1/2"	600	48x2	600	42	L
1/4"	60	12x1,5	45	6	S
1/4"	60	14x1,5	60	8	S
3/8"	90	16x1,5	80	10	S
3/8"	90	18x1,5	100	12	S
1/2"	130	20x1,5	140	14	S
1/2"	130	22x1,5	150	16	S
3/4"	200	27x2	200	20	S
1"	380	33x2	380	25	S
1.1/4"	500	42x2	500	30	S
1.1/2"	600	48x2	600	38	S

Coppie di serraggio (Nm) DIN 2353 24°

Torque wrench DIN 2353 24°

Couples de serrage DIN 2353 24° / Anzugsmoment DIN 2353 24° / Tuerca de ajuste DIN 2353 24°



F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilíndrica
F2 Metrico, Metric, Métrique, Metrisch, Métrico

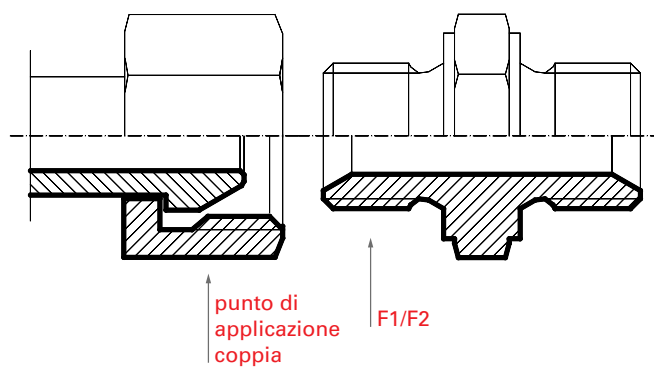
F1	Forma Form Forme Form Forma	F2	Forma Form Forme Form Forma	Tubo Hose Tube Rohr Tubo	Serie Series Série Reihe Serie
	(Nm)		(Nm)		
1/8"	20	10x1	20	6	L
1/4"	45	12x1,5	30	8	L
1/4"	45	14x1,5	50	10	L
3/8"	70	16x1,5	55	12	L
1/2"	85	18x1,5	70	15	L
1/2"	85	22x1,5	120	18	L
3/4"	85	26x1,5	170	22	L
-	-	27x2	170	22	L
1"	380	33x2	380	28	L
1.1/4"	500	42x2	430	35	L
1.1/2"	600	48x2	510	42	L
1/4"	60	12x1,5	40	6	S
1/4"	60	14x1,5	55	8	S
3/8"	90	16x1,5	70	10	S
3/8"	90	18x1,5	85	12	S
1/2"	130	20x1,5	120	14	S
1/2"	130	22x1,5	130	16	S
3/4"	200	27x2	170	20	S
1"	380	33x2	380	25	S
1.1/4"	500	42x2	430	30	S
1.1/2"	600	48x2	510	38	S

Coppie di serraggio (Nm)

Torque wrench

Couples de serrage / Anzugsmoment BSP SV60° / Tuerca de ajuste

Raccordi su tubazioni / Nut on tube



F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilindrica
F2 Metrico, Metric, Métrique, Metrisch, Métrico

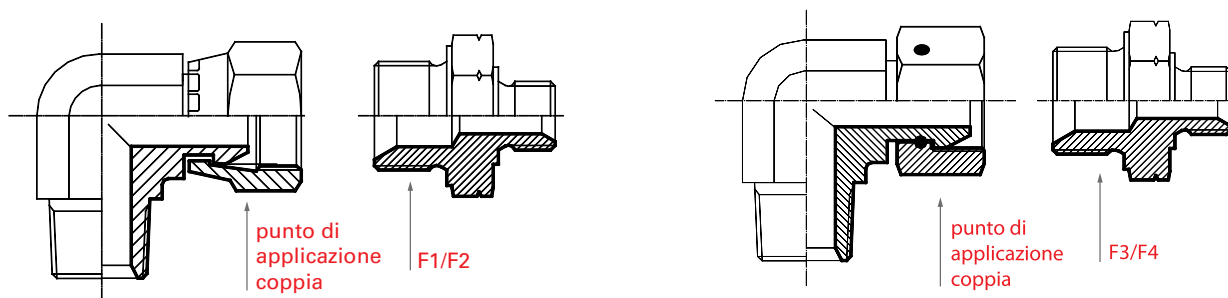
F1	N max (Nm)	F2	N max (Nm)	Tubo Hose Tube Rohr Tubo
1/8"	14	10x1	14	6
1/4"	20	12x1,5	20	8
3/8"	35	14x1,5	35	10
1/2"	60	16x1,5	60	12
5/8"	70	18x1,5	70	16
3/4"	110	22x1,5	110	18
1"	140	27x1,5	170	25
1.1/4"	190	33x2	290	32
1.1/2"	290	42x2	310	38

Coppie di serraggio (Nm) BSP SV60°

Torque wrench BSP SV60°

Couples de serrage BSP SV60° / Anzugsmoment BSP SV60° / Tuerca de ajuste BSP SV60°

Raccordi girevoli / Swivel fittings



F1 / F3 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilíndrica
F2 / F4 Metrico, Metric, Métrique, Metrisch, Métrico

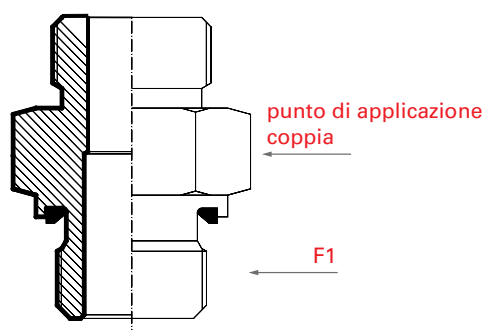
F1	N max (Nm)	F2	N max (Nm)	F3	N max (Nm)	F4	N max (Nm)
1/8"	10	10x1	10	1/8"	14	10x1	14
1/4"	20	12x1.5	20	1/4"	20	12x1.5	20
3/8"	35	14x1.5	35	3/8"	35	14x1.5	35
1/2"	60	16x1.5	60	1/2"	60	16x1.5	60
5/8"	70	18x1.5	70	5/8"	70	18x1.5	70
3/4"	115	20x1.5	70	3/4"	110	20x1.5	80
1"	140	22x1.5	115	1"	170	22x1.5	100
1.1/4"	210	26x1.5	130	1.1/4"	290	26x1.5	170
		27x1.5	140			27x1.5	170
		28x1.5	150			28x1.5	170
		30x1.5	190			30x1.5	250
		33x2	210			33x2	290

Coppie di serraggio (Nm) BSP SV60°

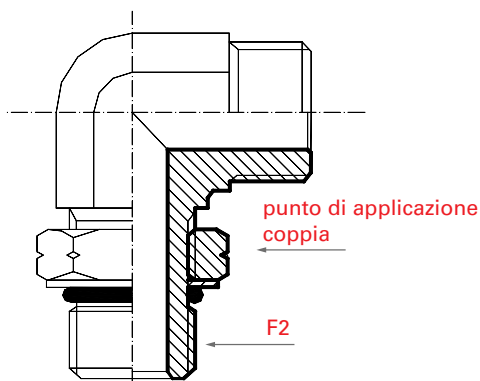
Torque wrench BSP SV60°

Couples de serrage BSP SV60° / Anzugsmoment BSP SV60° / Tuerca de ajuste BSP SV60°

FILETTO GAS CILINDRICO forma E



FILETTO UNF



F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilndrica
F2 UNF

F1 **N max**
(Nm)

F2 **N max**
(Nm)

1/8"	20
1/4"	45
3/8"	70
1/2"	85
3/4"	170
1"	330
1.1/4"	430
1.1/2"	510

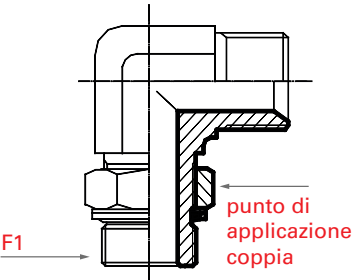
7/16"	20
1/2"	25
9/16"	30
3/4"	45
7/8"	55
1.1/16"	85
1.5/16"	130
1.5/8"	170

Coppie di serraggio (Nm) BSP SV60°

Torque wrench BSP SV60°

Couples de serrage BSP SV60° / Anzugsmoment BSP SV60° / Tuerca de ajuste BSP SV60°

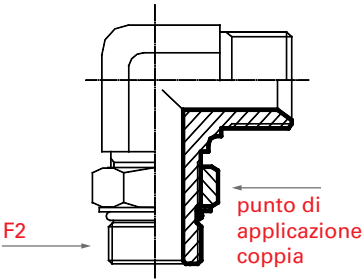
FILETTO METRICO forma G



F1 Metrico, Metric, Métrique, Metrisch, Métrico

F2 Metrico, Metric, Métrique, Metrisch, Métrico

FILETTO METRICO ISO 6149-3



F2 N max (Nm)

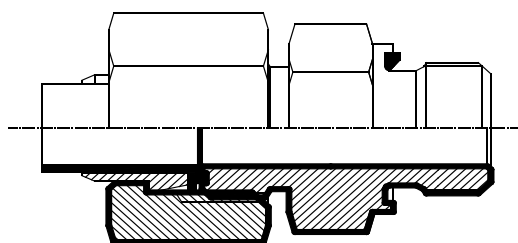
F1	N max (Nm)	F2	N max (Nm)
10x1	20	10x1	15
12x1.5	30	12x1.5	25
14x1.5	45	14x1.5	30
16x1.5	55	16x1.5	35
18x1.5	70	18x1.5	40
20x1.5	105	20x1.5	50
22x1.5	120	22x1.5	55
27x1.5	170	27x1.5	85
33x3	330	33x3	140
42x2	430	42x2	180

Coppie di serraggio (Nm) ORFS J1453

Torque wrench ORFS J1453

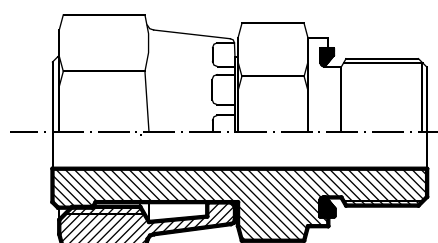
Couples de serrage ORFS J1453 / Anzugsmoment ORFS J1453 / Tuerca de ajuste ORFS J1453

Raccordi su tubazioni / Nut on tube



punto di applicazione coppia
torque wrench application

F1



punto di applicazione coppia
torque wrench application

F2

F1 ORFS
F2 ORFS

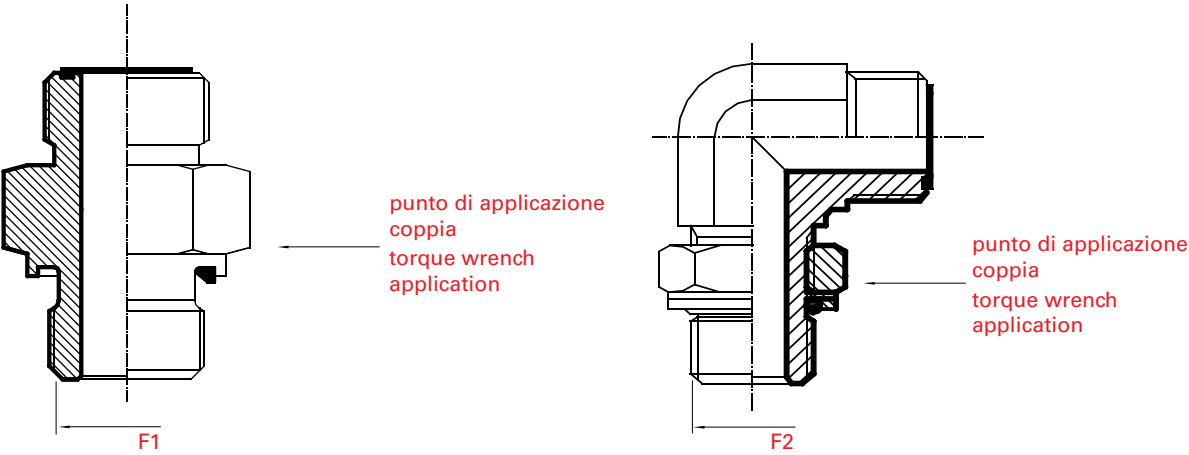
F1	N max (Nm)	F2	N max (Nm)	Tubo Hose Tube Rohr Tubo
9/16"	25	9/16"	25	6 - 1/4
11/16"	40	11/16"	40	8 - 10 - 5/16 - 3/8
13/16"	55	13/16"	55	12 - 1/2
1"	60	1"	60	14 - 15 - 16 - 5/8
1.3/16"	90	1.3/16"	90	18 - 20 - 3/4
1.7/16"	125	1.7/16"	125	22 - 25 - 7/8 - 1
1.11/16"	170	1.11/16"	170	28 - 30 - 32 - 1.1/4
2"	200	2"	200	35 - 38 - 1.1/2

Coppie di serraggio (Nm) ORFS J1453

Torque wrench ORFS J1453

Couples de serrage ORFS J1453 / Anzugsmoment ORFS J1453 / Tuerca de ajuste ORFS J1453

Raccordi SAE J1453 con filetto GAS Cilindrico / SAE J1453 fitting with BSPP thread



F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilindrica
F2 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilindrica

F1 Forma Form Forme Form Forma		F2 Forma Form Forme Form Forma	
E (Nm)*		G (Nm)*	
G1/8"	20		20
G 1/4"	45		45
G 3/8"	70		70
G 1/2"	85		85
G 3/4"	170		170
G 1"	330		330
G 1.1/4"	430		430
G 1.1/2"	510		510

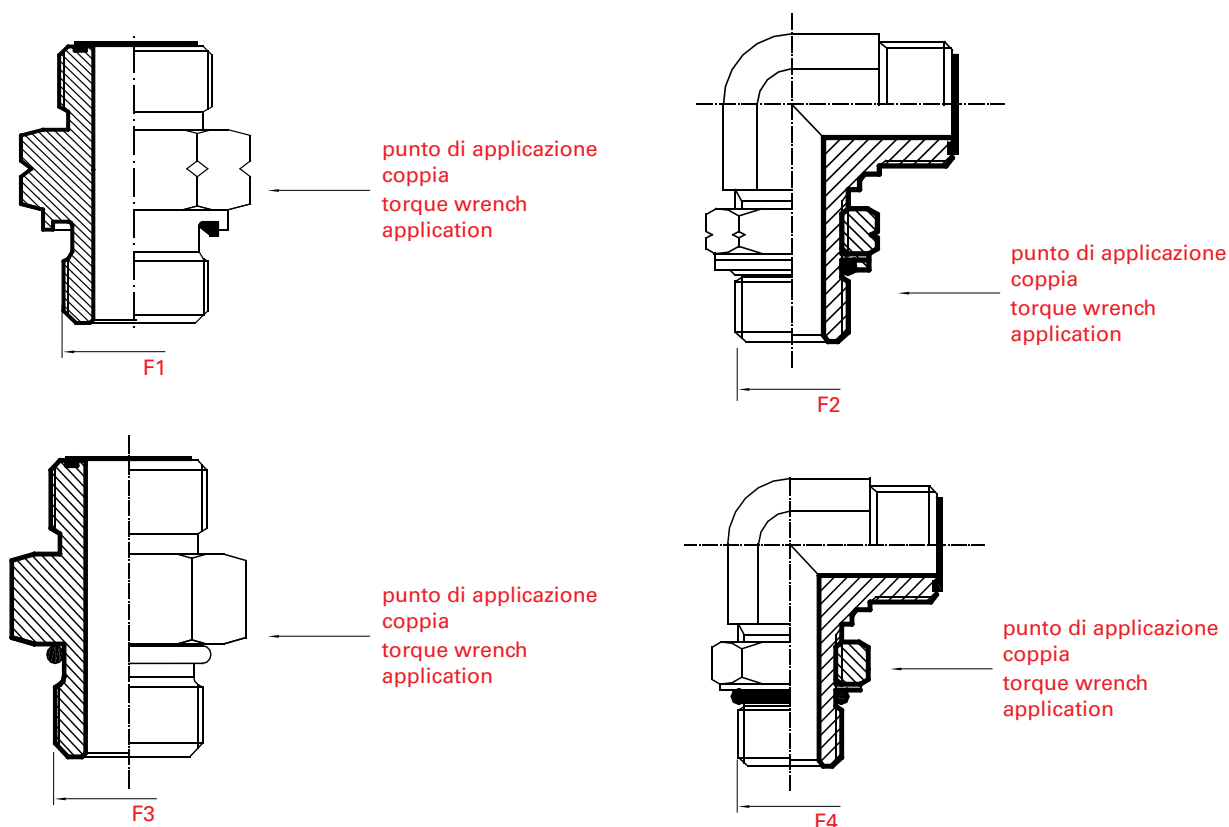
* N max

Coppie di serraggio (Nm) ORFS J1453

Torque wrench ORFS J1453

Couples de serrage ORFS J1453 / Anzugsmoment ORFS J1453 / Tuerca de ajuste ORFS J1453

Raccordi SAE J1453 con filetto METRICO Cilindrico/ SAE J1453 fitting with metric thread



	F1 Forma Form Forme Form Forma	F2 Forma Form Forme Form Forma	F3 Forma Form Forme Form Forma	F4 Forma Form Forme Form Forma
	E (Nm)*	G (Nm)*	ISO 1649-3 (Nm)*	ISO 6149-3 (Nm)*
10x1	20	20	15	15
12x1.5	30	30	25	25
14x1.5	45	45	30	30
16x1.5	55	55	35	35
18x1.5	70	70	40	40
20x1.5	105	105	50	50
22x1.5	120	120	55	55
27x2	170	170	85	85
33x2	330	330	140	140
42x2	430	430	180	180

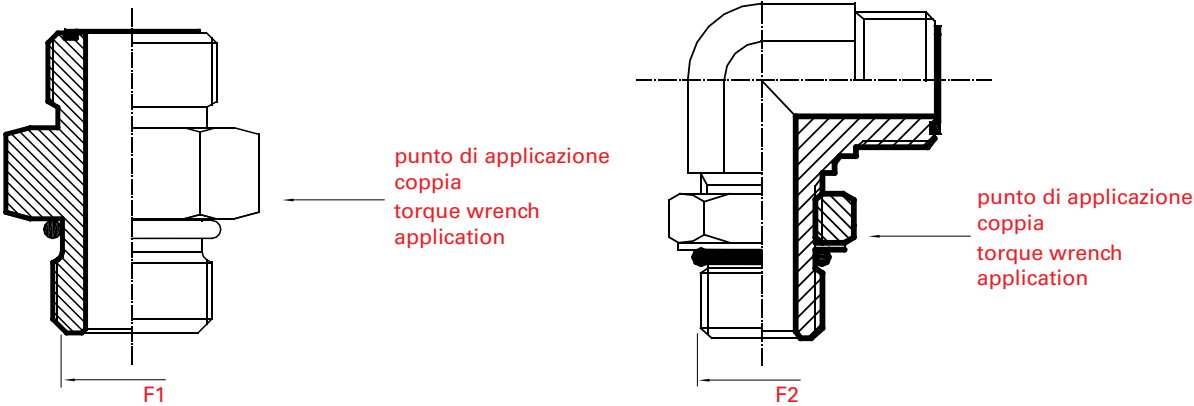
* N max

Coppie di serraggio (Nm) ORFS J1453

Torque wrench ORFS J1453

Couples de serrage ORFS J1453 / Anzugsmoment ORFS J1453 / Tuerca de ajuste ORFS J1453

Raccordi SAE J1453 con filetto UNF/ SAE J 1453 with UNF thread



F1	F2
----	----

	ISO 11926-3 (Nm)*	ISO 11926-3 (Nm)*
7/16"	20	20
1/2"	25	25
9/16"	30	30
3/4"	45	45
7/8"	55	55
1.1/16"	85	85
1.5/16"	130	130
1.5/8"	170	170

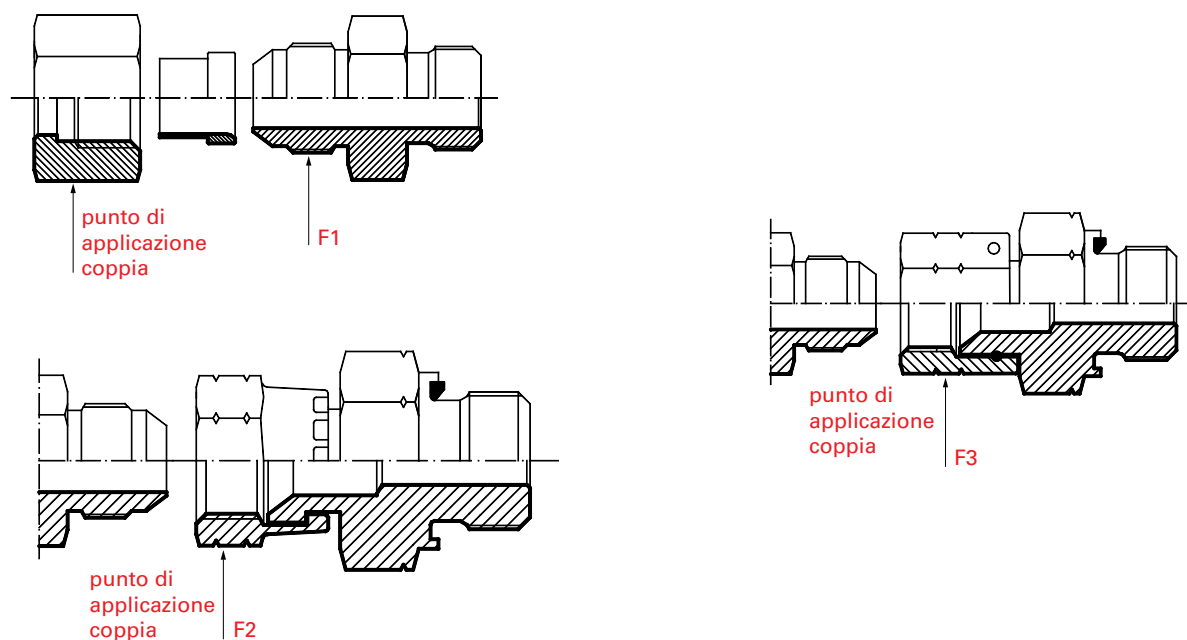
* N max

Coppie di serraggio (Nm) SAE J514

Torque wrench SAE J514

Couples de serrage SAE J514 / Anzugsmoment SAE J514 / Tuerca de ajuste SAE J514

Raccordi su tubazioni / Nut on tube



F1 JIC

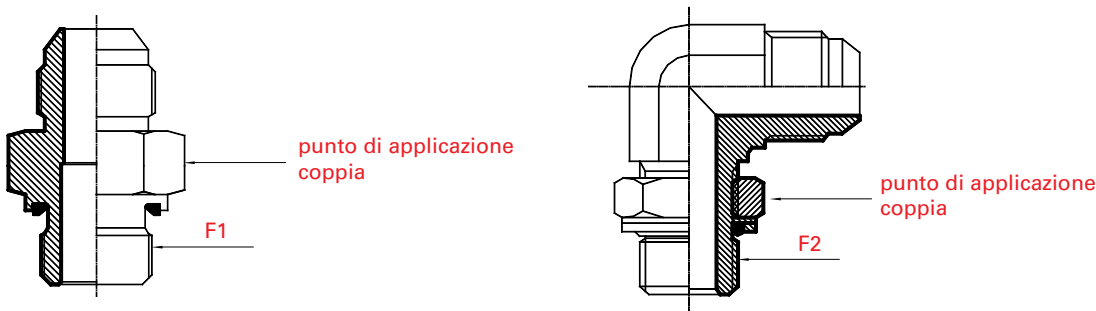
F1/F2	N min/max (Nm)	F3	N max (Nm)	Tubo Hose Tube Rohr Tubo
7/16"	15/16	7/16"	20	6 - 1/4"
1/2"	19/21	1/2"	25	8 - 5/16"
9/16"	24/28	9/16"	35	10 - 3/8"
3/4"	49/50	3/4"	60	12 - 1/2"
7/8"	77/85	7/8"	85	14 - 15 - 16 - 5/8"
1.1/16"	107/119	1.1/16"	115	18 - 20 - 3/4"
1.5/16"	147/154	1.5/16"	230	25 - 1"
1.5/8"	172/181	1.1/5"	380	30 - 32 - 1.1/4"
1.7/8"	215/226	1.7/8"	460	38 - 1.1/2"

Coppie di serraggio (Nm) SAE J514

Torque wrench SAE J514

Couples de serrage SAE J514 / Anzugsmoment SAE J514 / Tuerca de ajuste SAE J514

Raccordi SAE J514 con filetto GAS Cilindrico



F1 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilindrica
F2 Gas cilindrico, BSPP, Gaz cylindrique, Zylinder Gasgewinde, Gas cilindrica

	F1 Forma Form Forme Form Forma	F2 Forma Form Forme Form Forma
	E (Nm)*	G (Nm)*
G1/8"	20	20
G 1/4"	45	45
G 3/8"	70	70
G 1/2'	85	85
G 3/4''	170	170
G 1''	330	330
G 1.1/4"	430	430
G 1.1/2"	510	510

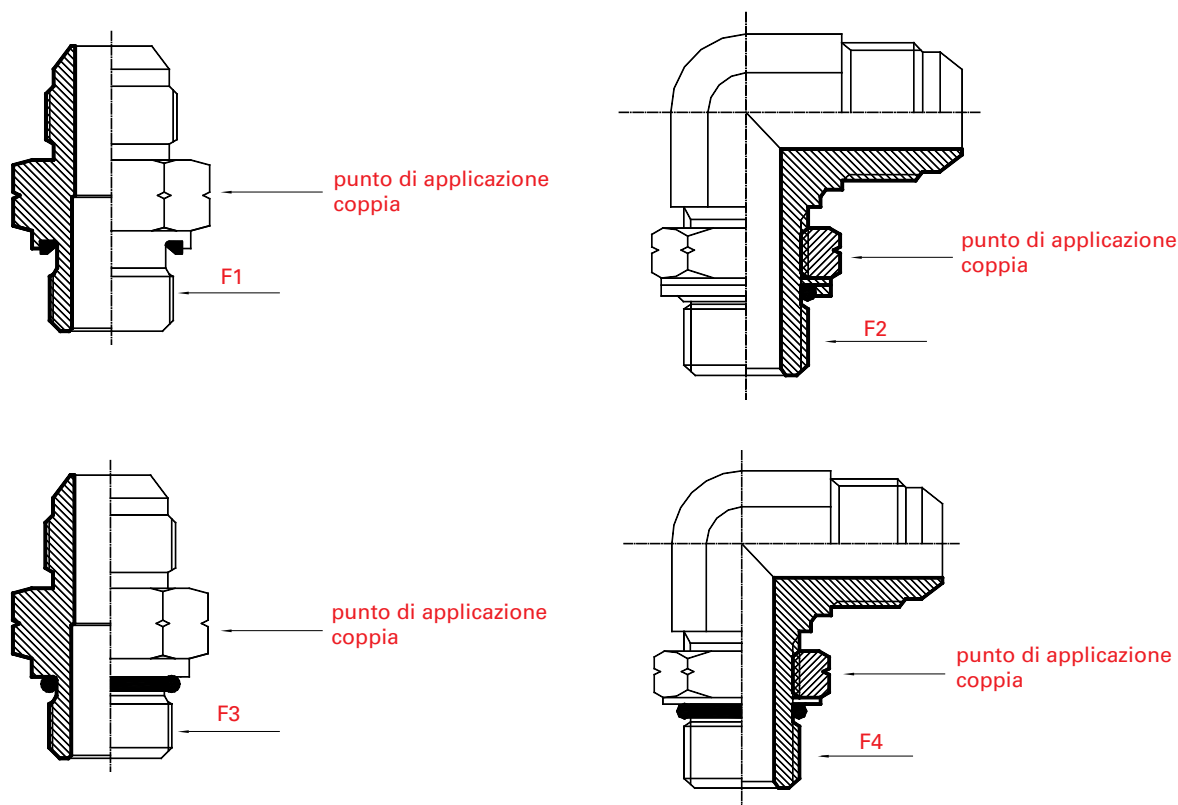
* N max

Coppie di serraggio (Nm) SAE J514

Torque wrench SAE J514

Couples de serrage SAE J514 / Anzugsmoment SAE J514 / Tuerca de ajuste SAE J514

Raccordi SAE J514 con filetto METRICO Cilindrico



	F1 Forma Form Forme Form Forma	F2 Forma Form Forme Form Forma	F3 Forma Form Forme Form Forma	F4 Forma Form Forme Form Forma
	E (Nm)*	G (Nm)*	ISO 1649-3 (Nm)*	ISO 6149-3 (Nm)*
10x1	20	20	15	15
12x1.5	30	30	25	25
14x1.5	45	45	30	30
16x1.5	55	55	35	35
18x1.5	70	70	40	40
20x1.5	105	105	50	50
22x1.5	120	120	55	55
27x2	170	170	85	85
33x2	330	330	140	140
42x2	430	430	180	180

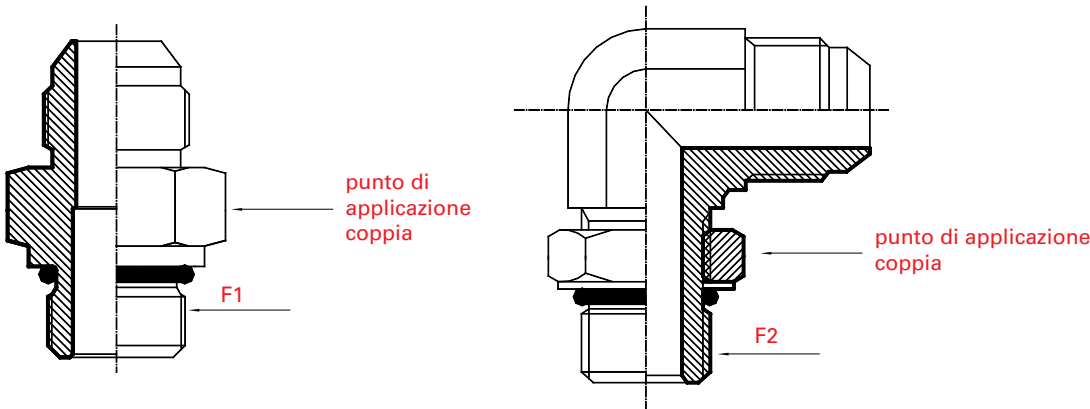
* N max

Coppie di serraggio (Nm) SAE J514

Torque wrench SAE J514

Couples de serrage SAE J514 / Anzugsmoment SAE J514 / Tuerca de ajuste SAE J514

Raccordi SAE J514 con filetto UNF



F1

F2

ISO 11926-3 (Nm)* ISO 11926-3 (Nm)*

7/16"	20	20
1/2"	25	25
9/16"	30	30
3/4"	45	45
7/8"	55	55
1.1/16"	85	85
1.5/16"	130	130
1.5/8"	170	170

* N max

Nota

Note

Note / Anmerkung / Nota

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