




FB
Hydraulic

Master Catalogue
Catalogo Principale



website: www.fb-channel.net

Edition: **2017**



The future follows Us

F.B. Hydraulic is a leading company in the production of hydraulic fittings, assembled hoses and rigid pipes.

F.B. , azienda leader nella produzione di raccorderia per oleodinamica, nell'assemblaggio di tubi flessibili raccordati e tubi rigidi sagomati.

**DRY-FIT FITTINGS
RACCORDI DRY-FIT**



**DRY-FIT ONE PIECE FITTINGS
WIRE BRAIDED HOSES
RACCORDI DRY-FIT ONE PIECE
PER TUBI TRECCIATI**



**DRY-SPIRAL FITTINGS
RACCORDI DRY-SPIRAL**



**DRY-LOCK FITTINGS
RACCORDI DRY-LOCK**



**WATERBLAST FITTINGS
ACCORDI WATERBLAST**



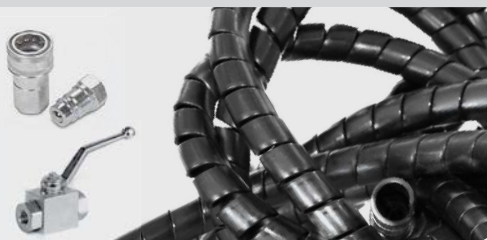
LOW PRESSURE FITTINGS RACCORDI BASSA PRESSIONE



ADAPTORS ADATTATORI



COMPONENTS COMPONENTI



HYDRAULIC HOSES TUBI IDRAULICI



YOKOHAMA HYDRAULIC HOSES TUBI IDRAULICI YOKOHAMA



TECHNICAL SHEETS

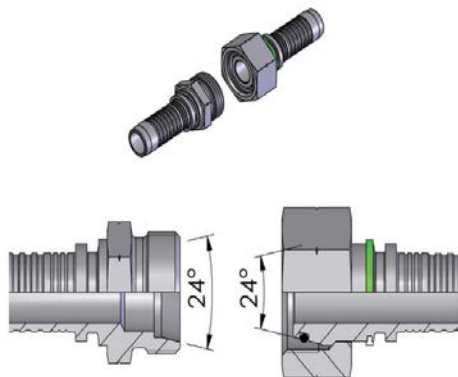


TECHINICAL SHEETS
SCHEDE TECNICHE



METRIC - METRICO 24°

LIGHT - SERIE LEGGERA



Thread
Filettatura



Nm



Working pressure
Pressione di esercizio
DIN2353

Thread Filettatura	Nm	Working pressure Pressione di esercizio DIN2353
12 x 1,5	20	250
14 x 1,5	25	250
16 x 1,5	35	250
18 x 1,5	40	250
22 x 1,5	50	250
26 x 1,5	60	160
30 x 2	80	160
36 x 2	140	100
45 x 2	175	100
52 x 2	190	100

HEAVY - SERIE PESANTE



Thread
Filettatura



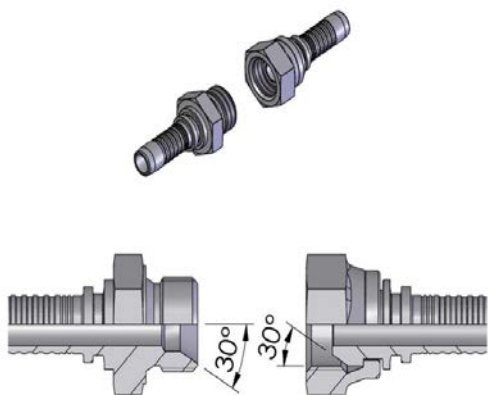
Nm



Working pressure
Pressione di esercizio
DIN2353

Thread Filettatura	Nm	Working pressure Pressione di esercizio DIN2353
14 x 1,5	30	630
16 x 1,5	30	630
18 x 1,5	40	630
20 x 1,5	50	630
22 x 1,5	60	630
24 x 1,5	80	400
30 x 2	100	400
36 x 2	160	400
42 x 2	165	250
52 x 2	180	250

BSP 60°



Thread
Filettatura



Nm

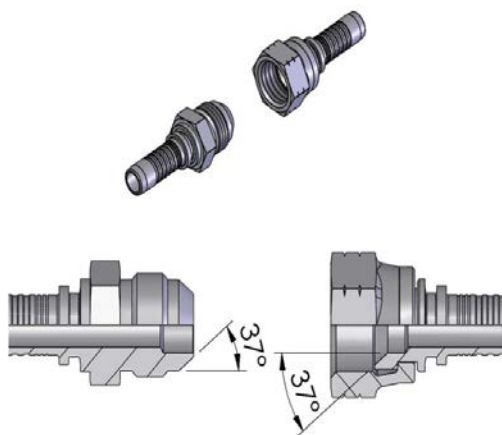


Working pressure
Pressione di esercizio
ISO 8434

Thread Filettatura	Nm	Working pressure Pressione di esercizio ISO 8434
1/8-28	15	350
1/4-19	40	350
3/8-19	50	350
1/2-14	60	315
5/8-14	65	315
3/4-14	80	250
1"-11	140	200
1 1/4-11	165	160
1 1/2-11	180	125



JIC 37°



Thread
Filettatura



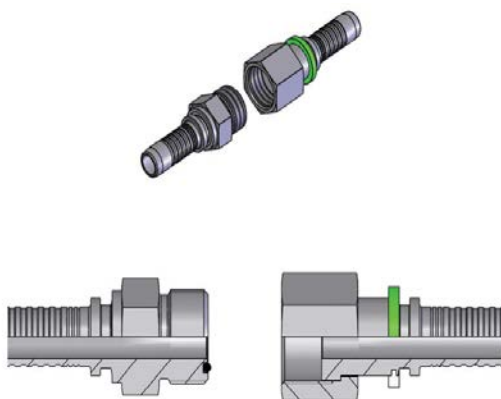
Nm



Working pressure
Pressione di esercizio
SAEJ 514

7/16-20	20	310
1/2-20	32	276
9/16-18	40	276
3/4-16	50	276
7/8-14	65	210
1"1/16-12	70	210
1"3/16-12	90	210
1"5/16-12	160	170
1"5/8-12	170	140
1"7/8-12	180	105

ORFS



Thread
Filettatura



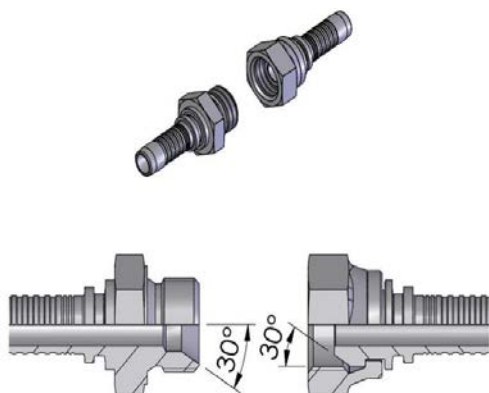
Nm



Working pressure
Pressione di esercizio
SAEJ 1453

9/16-18	40	413
11/16-16	70	413
13/16-16	80	413
1"-14	100	413
1"3/16-12	130	413
1"7/16-12	170	345
1"11/16-12	200	345
2"-12	260	275

METRIC - METRICO 60°



Thread
Filettatura



Nm

M10X1	10
M12X1,5	20
M14X1,5	45
M16X1,5	55
M18X1,5	70
M20X1,5	80
M22X1,5	80
M26X1,5	80
M30X1,5	100

Inside ø ø interno	Hose type Tubo	1SNK EXCEEDS EN 857 1SC - SAE 100 R17	2SNK EXCEEDS EN 857 2SC - SAE 100 R16-S	EN 853 1SN - SAE 100 R1S	EN 853 2SN - SAE 100 R2S	SPC 3	DIN EN 853 1 SNEHT HIGH TEMPERATURE	DIN EN 857 2 SC ANTIABRASION	DIN EN 856 4SP - SAE 100 R9R	DIN EN 856 4 SH	SAE 100 R 13	SAE 100 R 15
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Working pressure - Pressione di esercizio (bar)

Inch Pollici	DN (mm)	FB Code	TUBO.. FO	TUBO.. MA	TUBO.. 1T	TUBO.. 2T	TUBO.. BI	TUBO.. E1	TUBO.. A2	TUBO.. SP	TUBO.. SH	TUBO.. 13	TUBO.. 15
3/16	5	03											
1/4	6	04	290	450	225	400		225	400				
5/16	8	05	250	420	215	350		215	350				
3/8	10	06	230	385	180	330	500	180	330	445			
1/2	12	08	200	345	160	275	470	160	275	425			
5/8	16	10	150	290	130	250	410	130	250	350			
3/4	19	12	125	280	105	215	375	105	215	350	430	350	420
1"	25	16	110	200	88	165	310	88	165	320	400	350	420
1"1/4	31	20	100	175	63	125		63		210	360	350	420
1"1/2	38	24			50	90		50		185	290	350	420
2"	51	32			40	80		40		165	250	350	

Bend radius - Raggio di curvatura minimo (mm)

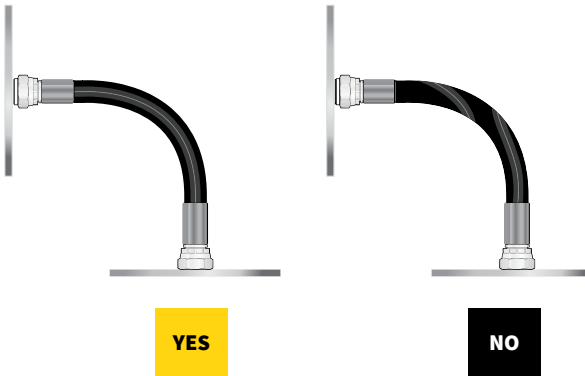
Inch Pollici	DN (mm)	FB Code	TUBO.. FO	TUBO.. MA	TUBO.. 1T	TUBO.. 2T	TUBO.. BI	TUBO.. E1	TUBO.. A2	TUBO.. SP	TUBO.. SH	TUBO.. 13	TUBO.. 15
3/16	5	03											
1/4	6	04	40	45	100	100		100	75				
5/16	8	05	55	60	115	115		115	85				
3/8	10	06	65	70	125	125	120	125	90	180			
1/2	12	08	80	90	180	180	160	180	130	230			
5/8	16	10	105	130	200	200	210	200	170	250			
3/4	19	12	120	160	240	140	260	240	200	300	210	240	265
1"	25	16	160	210	300	300	310	300	250	340	220	300	330
1"1/4	31	20	300	300	420	420		420		460	240	420	445
1"1/2	38	24			500	500		500		560	560	500	530
2"	51	32			630	630		630		660	700	630	



DIN EN 855 - SAE 100 R7	DIN EN 855 - SAE 100 R7 TWIN / BINATO	SAE 100 R8	SAE 100 R8 TWIN / BINATO	THERMOPLASTIC HOSE 1 WIRE STEEL BRAID TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO	THERMOPLASTIC HOSE 1 WIRE STEEL BRAID TWIN TUBO TERMOPLASTICO 1 TRECCIA TESSILE BINATO	THERMOPLASTIC HOSE 1 WIRE FIBER BRAID TUBO TERMOPLASTICO 1 TRECCIA TESSILE	DIN EN 854 - SAE 100 R6	HOSE 1 WIRE FIBER BRAID FOR HYDROCARBONS TUBO 1 TRECCIA TESSILE PER IDROCARBURI	SAE J 517 - SAE 100 R4	DIN EN 853 1SN JET WASH / IDROPULITRICE	DIN EN 853 2SN JET WASH / IDROPULITRICE	DIN EN 853 1SN JET WASH BLUE / IDROPULITRICE BLU	DIN EN 853 2SN JET WASH BLUE IDROPULITRICE BLU
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TUBO.. R7	TUBO.. 7B	TUBO.. R8	TUBO.. 8B	TUBO.. 7T	TUBO.. BT	TUBO.. L5	TUBO.. R6	TUBO.. AN	SP.. R4	TUBO.. 1H	TUBO.. 2H	TUBO.. 1M	TUBO.. 2M
210	210	350	350	325	325	200	34			250	400	250	400
200	200	350	350	300	300	145	28	10		220	400	220	400
190	190	325	325	240	240	120	28	10		220	400	220	400
175	175	280	280	225	225	115	28	10		220	400	220	400
140	140	245	245	190	190	80	28	10		220	400	220	400
105	105	195	195	150	150		24	10		130		130	
90	90	162	162	130	130		21	10	27				
70	70	145	145	105	105		9	10	17				
									14				
									10				
									7				

35	35	35	35	30	30	45	50						
50	50	50	50	40	40	60	65			100	100	100	100
55	55	60	60	50	50	75	80			115	115	115	115
75	75	80	80	60	60	90	80			125	125	125	125
95	95	95	95	75	75	120	100			180	180	180	180
125	125	125	125	110	110		125			200		200	
150	150	150	150	150	150		150		95				
200	200	200	200	185	185		170		125				
									160				
									200				
									255				

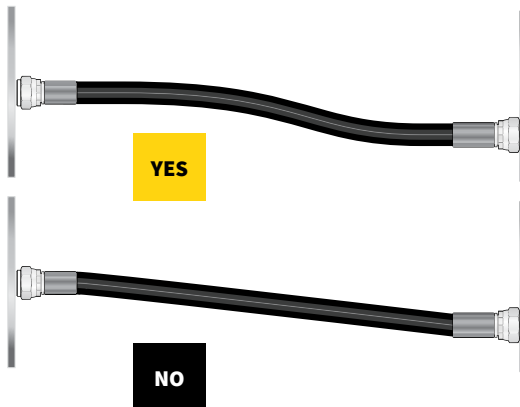


TORSION

Avoid twisting the hose. Hoses must be installed in such a way that there are no harsh conditions that may reduce the normal life of the hose.

TORSIONE

Evitare qualsiasi tipo di torsione. È importante accertarsi che non si verifichino situazioni gravose che possano compromettere e ridurre la normale durata del flessibile.

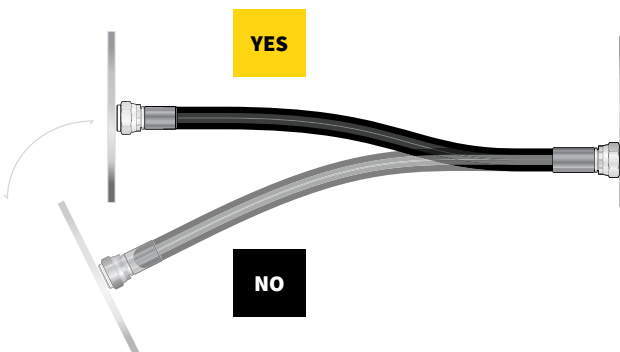


LENGTH VARIATIONS

Do not install the hose too tightly. During the aging process and various movements there can occur length variations. It is appropriate to calculate a length slightly bigger than requested. We remind you that the DIN and SAE provide that the hose under pressure can get longer (max 2%) or even shorter (max 4%).

VARIAZIONE DI LUNGHEZZA

Evitare montaggi in tensione. Nel tempo e durante i vari movimenti si possono verificare delle variazioni di lunghezza. È opportuno calcolare una lunghezza leggermente superiore a quella teorica. Le norme DIN e SAE prevedono che il tubo sottoposto alla pressione di esercizio possa subire un allungamento (max +2%) o un accorciamento (max -4%).

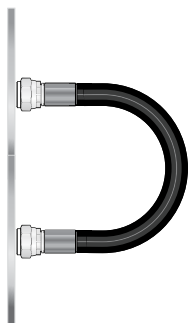


ASSEMBLED HOSE IN MOTION

In the case of motion, take particularly care to avoid any twisting, tensions or abrasions which are dangerous for the normal operation.

FLESSIBILE IN MOVIMENTO

Nel caso di flessibili in movimento, fare particolare attenzione ad evitare eventuali torsioni, tensioni o abrasioni dannose per il normale funzionamento.



YES



NO

BENDING RADIUS

Check that the hose, when installed, has not a smaller bending radius than reported in the respective data sheet.

RAGGIO DI CURVATURA

Controllare che il flessibile, non operi ad un raggio di curvatura minore rispetto a quello riportato nella rispettiva scheda tecnica.



YES



NO

CHOICE OF FITTINGS

We recommend to choose the most appropriate type of fitting in order to eliminate any incorrect positions.

SCELTA DEL RACCORDO

Nella scelta del tipo di raccordo è opportuno considerare la tipologia più indicata al fine si eliminare eventuali posizionamenti non corretti.

Surface treatment

FB Hydraulic, inside its own R&D department, has installed a test bench to realize salt spray test according to the normative UNI EN ISO 9227 (NNS, neutral salt spray).

FB develops and verifies new types of treatments looking for the continuous improvement of the coefficient of friction, of the distribution, of the thickness of layers and the visual quality of its products.

Zinc coating

The galvanizing process deposits on the steel layers of material which increase the corrosion resistance:

- **Zinc deposit**
- **Passivation CrIII**
- **Sealer**

The total thickness of these deposits is:

- **Fittings 8-10 μm**
- **Ferrules 10-12 μm**

Performances

The zinc coating on the surface has the following corrosion resistance, according to **UNI ISO 9227**:

- **MIN 100 h** before the appearance of the outbreaks of white corrosion
- **MIN 350 h** before the appearance of the outbreaks of red corrosion

Trattamento superficiale

FB Hydraulic, all'interno del proprio centro R&D, ha installato un banco prova per realizzare test in nebbia salina in accordo alla normativa **UNI EN ISO 9227** (NNS, nebbia salina neutra).

FB sviluppa e verifica nuovi tipi di trattamenti ricercando il miglioramento continuo del coefficiente di attrito, della distribuzione, dello spessore e della qualità visiva dei propri prodotti.

Zincatura

Il processo di zincatura deposita sull'acciaio strati di materiale che aumentano la resistenza alla corrosione:

- **Deposito di zinco**
- **Passivazione cromo trivalente**
- **Sigillatura**

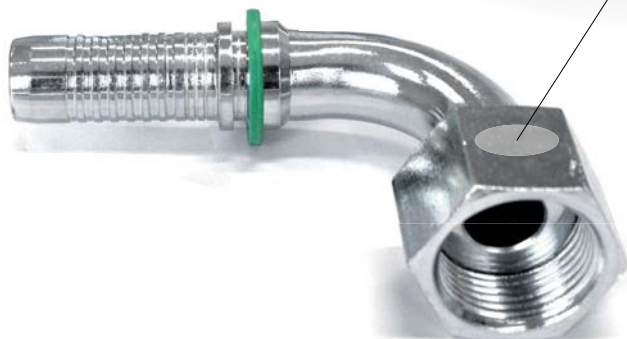
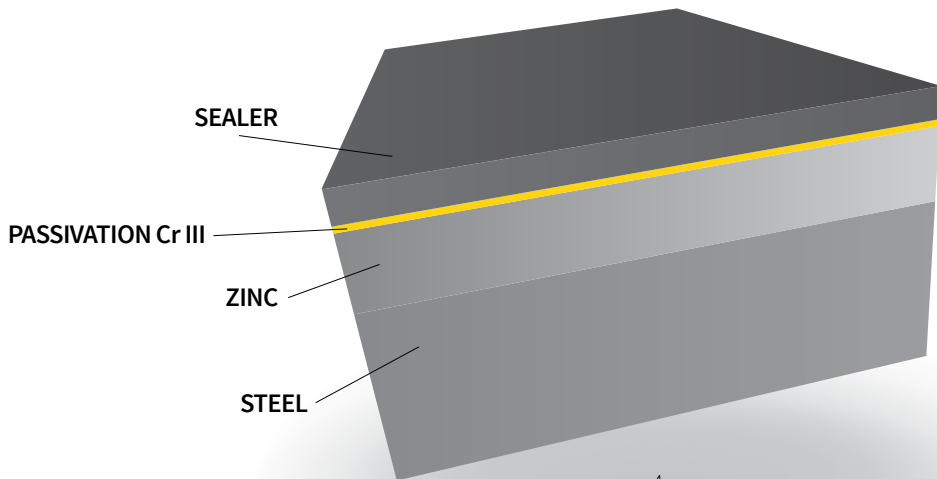
Lo spessore totale di questi depositi è:

- **Raccordi 8-10 μm**
- **Boccole 10-12 μm**

Prestazioni

La zincatura superficiale ha la seguente resistenza alla corrosione, secondo UNI ISO 9227:

- MIN 100 h prima della comparsa dei focolai di corrosione bianca
- MIN 350 h prima della comparsa dei focolai di corrosione rossa



CATALOGUE

PRODUCTS CATALOGUE
CATALOGO PRODOTTI





Catalogue website: www.fb-channel.net/catalogo.html

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**5a YOKOHAMA EXCEED HOSES
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**5b YOKOHAMA HYDRAULIC HOSES
YOKOHAMA TUBO IDRAULICO**



425



DRY-FIT

DRY-FIT FITTINGS RACCORDI DRY-FIT

1a

DRY-FIT is a fitting of recent development, ideal for compact and thermoplastic hoses. In challenging applications and extreme temperature fluctuations it ensures a perfect seal.

The inherent advantages of the DRY-FIT:

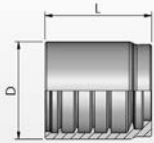
- Slows down the aging process and hardening of the inner lining.
- Increases the resistance of the bent hose.
- Eliminates leakage of a cooled hose.
- Easy to crimp.

DRY-FIT è un raccordo di nuova generazione particolarmente adatto per tubi compatti e termoplastici. In applicazioni gravose ed in presenza di variazioni termiche elevate garantisce la perfetta tenuta.

I principali vantaggi del DRY-FIT:

- Rallenta il processo di invecchiamento e indurimento del sottostrato
- Aumenta la resistenza del tubo in flessione
- Elimina i trafiletti a freddo
- Semplifica di pressatura

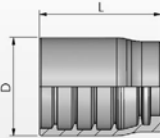
BUN



12

NO SKIVE FERRULE UNIFICATED
1/2 SN - 2 SC - 2 SNK
BOCCOLA A PRESSARE UNIFICATA
1/2 SN - 2 SC - 2 SNK

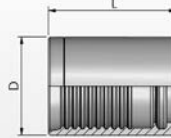
BUK



13

NO SKIVE FERRULE UNIFICATED
1/2 SC - 1/2 SNK - 1 SN
BOCCOLA A PRESSARE UNIFICATA
1/2 SC - 1/2 SNK - 1 SN

B1C



14

NO SKIVE FERRULE 1 SC - 1 SN K
- R7 - R8 - 7T
BOCCOLA A PRESSARE 1 SC - 1 SN K
- R7 - R8 - 7T

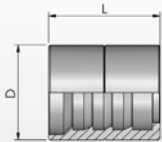
BUS



15

SKIVE FERRULE UNIFICATED
1/2 ST - R1/2 A - 1/2 SN - 1/2 SC
BOCCOLA A PRESSARE UNIFICATA A PELARE
1/2 ST - R1/2 A - 1/2 SN - 1/2 SC

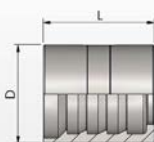
B1A



16

SKIVE FERRULE 1 ST - R1A
BOCCOLA A PRESSARE A PELARE 1 ST - R1A

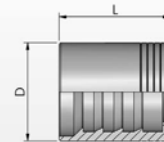
B2A



17

SKIVE FERRULE 2 ST - R2A
BOCCOLA A PRESSARE A PELARE 2 ST - R2A

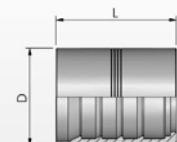
B4P



18

SKIVE FERRULE 4SP - R9R - R10 - R12
BOCCOLA A PRESSARE A PELARE
4SP - R9R - R10 - R12

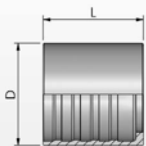
B4H



19

SKIVE FERRULE 4SH
BOCCOLA A PRESSARE A PELARE 4SH

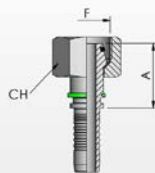
BR4



20

NO SKIVE FERRULE R4
BOCCOLA A PRESSARE R4

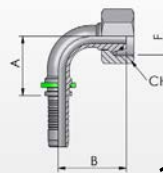
FEL



21

DKOL - METRIC O-RING FEMALE,
24° CONE, LIGHT
DKOL - FEMMINA METRICA O-RING,
CONO 24°, SERIE LEGGERA

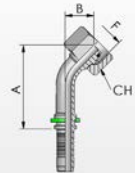
C90EL



22

DKOL 90° - METRIC O-RING FEMALE 90°,
24° CONE, LIGHT
DKOL 90° - FEMMINA 90° METRICA O-RING,
CONO 24°, SERIE LEGGERA

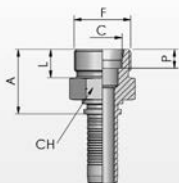
C45EL



23

DKOL 45° - METRIC O-RING FEMALE 45°,
24° CONE, LIGHT
DKOL 45° - FEMMINA 45° METRICA O-RING,
CONO 24°, SERIE LEGGERA

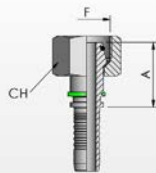
MEL



24

CEL - METRIC MALE, 24° CONE, LIGHT
CEL - MASCHIO METRICO, CONO 24°,
SERIE LEGGERA

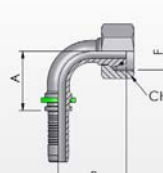
FES



25

DKOS - METRIC O-RING FEMALE,
24° CONE, HEAVY
DKOS - FEMMINA METRICA O-RING,
CONO 24°, SERIE PESANTE

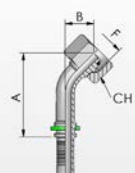
C90ES



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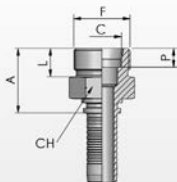
DKOS 90° - METRIC O-RING FEMALE 90°,
24° CONE, HEAVY
DKOS 90° - FEMMINA 90° METRICA O-RING,
CONO 24°, SERIE PESANTE

C45ES

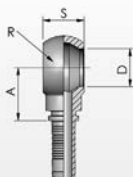


27

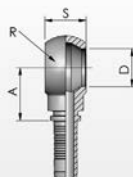
DKOS 45° - METRIC O-RING FEMALE 45°,
24° CONE, HEAVY
DKOS 45° - FEMMINA 45° METRICA O-RING,
CONO 24°, SERIE PESANTE

MES**28**

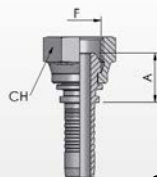
CES - METRIC MALE, 24° CONE, HEAVY
 CES - MASCHIO METRICO, CONO 24°,
 SERIE PESANTE

OM**29**

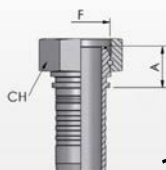
RNM - METRIC BANJO
 RNM - OCCHIO METRICO

OG**30**

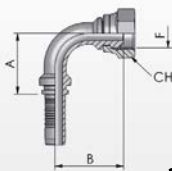
RNR - BSP BANJO
 RNR - OCCHIO BSP

FG**31**

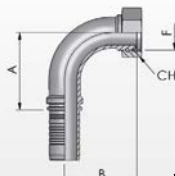
DKR - BSP FEMALE, 60° CONE
 DKR - FEMMINA BSP, CONO 60°

PFPG**32**

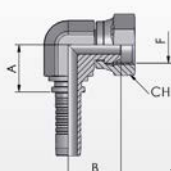
DKR - BSP FEMALE THRUST WIRE NUT
 O-RING, 60° CONE
 DKR - FEMMINA BSP DADO SPINATO
 O-RING, CONO 60°

C90G**33**

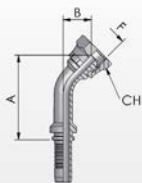
DKR 90° - BSP FEMALE 90°, 60° CONE
 DKR 90° - FEMMINA 90° BSP, CONO 60°

PC90G**34**

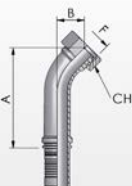
DKOR 90° - BSP FEMALE 90° THRUST WIRE
 NUT O-RING, 60° CONE
 DKOR 90° - FEMMINA 90° BSP DADO SPINA-
 TO O-RING, CONO 60°

C90COMPG**35**

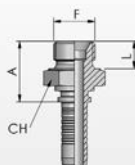
DKR 90° K - BSP FEMALE 90° COMPACT,
 60° CONE
 DKR 90° K - FEMMINA 90° COMPATTA BSP,
 CONO 60°

C45G**36**

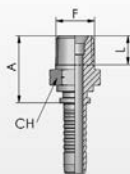
DKR 45° - BSP FEMALE 45°, 60° CONE
 DKR 45° - FEMMINA 45° BSP, CONO 60°

PC45G**37**

DKOR 45° - BSP FEMALE 45° THRUST WIRE
 NUT O-RING, 60° CONE
 DKOR 45° - FEMMINA 45° BSP DADO SPINA-
 TO O-RING, CONO 60°

MG**38**

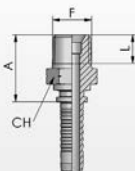
AGR - BSPP MALE, 60° CONE
 AGR - MASCHIO BSPP, CONO 60°

MC**40**

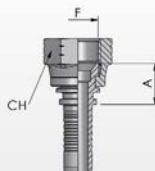
AGR K - BSPT MALE, 60° CONE
 AGR K - MASCHIO BSPT, CONO 60°

FSPG**41**

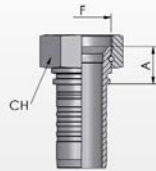
DKR F - BSP FEMALE FLAT FACE
 DKR F - FEMMINA BSP, SEDE PIANA

MNPT**42**

AGN - NPTF MALE
 AGN - MASCHIO NPTF

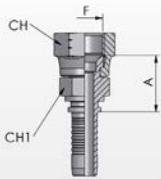
FJ**43**

DKJ - JIC FEMALE, 37° CONE
 DKJ - FEMMINA JIC, CONO 37°

PFJ**44**

DKJ - JIC FEMALE THRUST WIRE NUT,
 37° CONE
 DKJ - FEMMINA JIC DADO SPINATO,
 CONO 37°

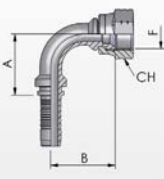
FJDE



45

DKJ - JIC FEMALE DOUBLE HEXAGON,
37° CONE
DKJ - FEMMINA DOPPIO ESAGONO,
CONO 37°

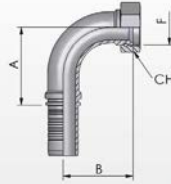
C90J



46

DKJ 90° - JIC FEMALE 90°, 37° CONE
DKJ 90° - FEMMINA 90° JIC, CONO 37°

PC90J



47

DKJ 90° - JIC FEMALE 90° THRUST WIRE
NUT, 37° CONE
DKJ 90° - FEMMINA 90° JIC DADO SPINATO,
CONO 37°

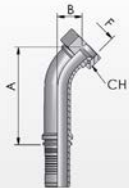
C45J



48

DKJ 45° - JIC FEMALE 45°, 37° CONE
DKJ 45° - FEMMINA 45° JIC, CONO 37°

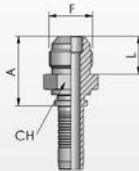
PC45J



49

DKJ 45° - JIC FEMALE 45° THRUST WIRE
NUT, 37° CONE
DKJ 45° - FEMMINA 45° JIC DADO SPINATO,
CONO 37°

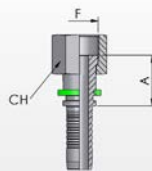
MJ



50

AGJ - JIC MALE, 37° CONE
AGJ - MASCHIO JIC, CONO 37°

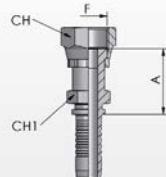
FORFS



51

DKO - ORFS FEMALE
DKO - FEMMINA ORFS

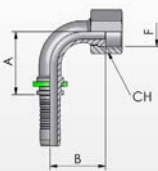
FORFSDE



52

DKO - ORFS FEMALE DOUBLE HEXAGON
DKO - FEMMINA DOPPIO ESAGONO ORFS

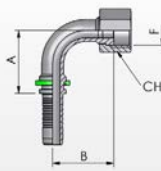
C90ORFS



53

DKO 90° - ORFS FEMALE 90°
DKO 90° - FEMMINA 90° ORFS

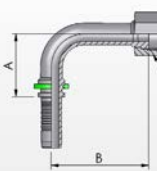
CM90ORFS



54

DKO 90° - ORFS MEDIUM DROP FEMALE 90°
DKO 90° - FEMMINA 90° ORFS MEDIA

CL90ORFS



55

DKO 90° - ORFS LONG DROP FEMALE 90°
DKO 90° - FEMMINA 90° ORFS LUNGA

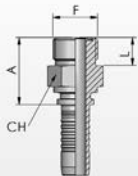
C45ORFS



56

DKO 45° - ORFS FEMALE 45°
DKO 45° - FEMMINA 45° ORFS

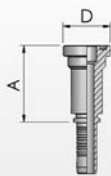
MORFS



57

AGO - ORFS MALE
AGO - MASCHIO ORFS

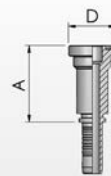
FLPI3



58

SFL - SAE FLANGE 3000 PSI
SFL - FLANGIA SAE 3000 PSI

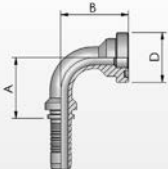
FLPI6



59

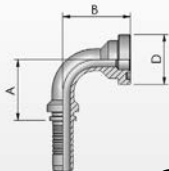
SFS - SAE FLANGE 6000 PSI
SFS - FLANGIA SAE 6000 PSI

FLPI390

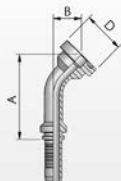


60

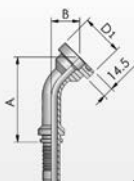
SFL 90° - SAE FLANGE 90° 3000 PSI
SFL 90° - FLANGIA 90° SAE 3000 PSI

FLPI690**61**

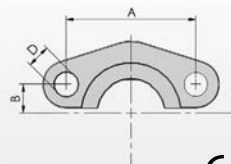
SFS 90° - SAE FLANGE 90° 6000 PSI
SFS 90° - FLANGIA 90° SAE 6000 PSI

FLPI345**62**

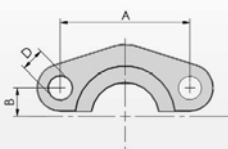
SFL 45° - SAE FLANGE 45° 3000 PSI
SFL 45° - FLANGIA 45° SAE 3000 PSI

FLPI645**63**

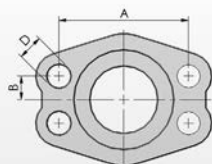
SFS 45° - SAE FLANGE 45° 6000 PSI
SFS 45° - FLANGIA 45° SAE 6000 PSI

SEM3**64**

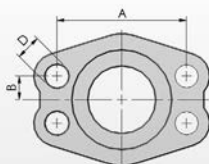
SAE SPLIT FLANGE 3000 PSI
SEMIFLANGIA SAE 3000 PSI

SEM6**65**

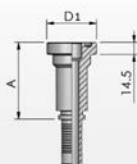
SAE SPLIT FLANGE 6000 PSI
SEMIFLANGIA SAE 6000 PSI

SEMI3**66**

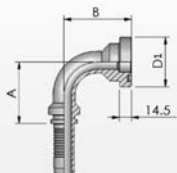
SAE UNCUT FLANGE 3000 PSI
SEMIFLANGIA INTERA SAE 3000 PSI

SEMI6**67**

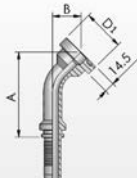
SAE UNCUT FLANGE 6000 PSI
SEMIFLANGIA INTERA SAE 6000 PSI

FLPIR6**68**

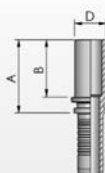
SFC - SUPERCAT FLANGE
SFC - FLANGIA SUPERCAT

FLPIR690**69**

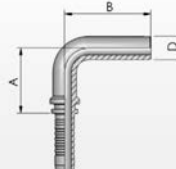
SFC 90° - SUPERCAT FLANGE 90°
SFC 90° - FLANGIA 90° SUPERCAT

FLPIR645**70**

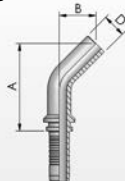
SFC 45° - SUPERCAT FLANGE 45°
SFC 45° - FLANGIA 45° SUPERCAT

COD**71**

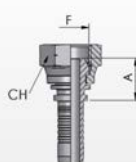
BEL/BES - METRIC STANDPIPE
BEL/BES - CODOLO METRICO DIRITTO

COD90**73**

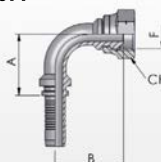
BEL/BES 90° - METRIC STANDPIPE 90°
BEL/BES 90° - CODOLO METRICO 90°

COD45**75**

BEL/BES 45° - METRIC STANDPIPE 45°
BEL/BES 45° - CODOLO METRICO 45°

FM**77**

DKM - METRIC FEMALE, 60° CONE
DKM - FEMMINA METRICA, CONO 60°

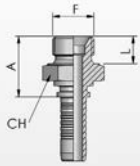
C90M**78**

DKM 90° - METRIC FEMALE 90°, 60° CONE
DKM 90° - FEMMINA 90° METRICA, CONO 60°

C45M**79**

DKM 45° - METRIC FEMALE 45°, 60° CONE
DKM 45° - FEMMINA 45° METRICA, CONO 60°

MM



80

AGM - METRIC MALE, 60° CONE
AGM - MASCHIO METRICO, CONO 60°

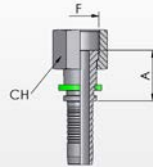
GPG



81

HOSE JUNCTION
GIUNZIONE PER TUBI FLESSIBILI

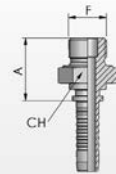
FW



82

CO² FEMALE WHITWORTH
FEMMINA CO² WITHWORTH

MW



83

CO² MALE WHITWORTH
MASCHIO CO² WITHWORTH

FMK



84

JET WASH FITTING K
FEMMINA IDROPULTRICE K

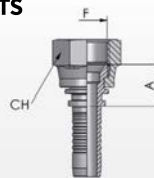
RS



85

WELDING INSERT
INSERTO A SALDARE

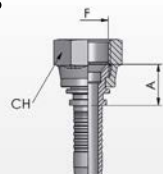
FKTS



86

JISK - JIS KOMATSU FEMALE
JISK - FEMMINA JIS KOMATSU

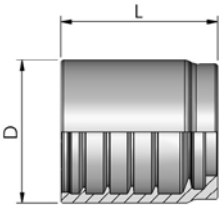
FJS



87

JIST - JIS TOYOTA FEMALE
JIST - FEMMINA JIS TOYOTA





FERRULES
BOCCOLE

BUN

NO SKIVE FERRULE UNIFICATED 1/2 SN - 2 SC - 2 SNK
BOCCOLA A PRESSARE UNIFICATA 1/2 SN - 2 SC - 2 SNK

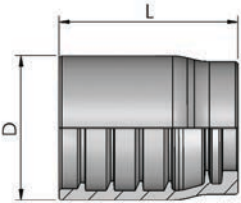
Notes

FERRULE FOR HOSE:
DIN EN 853 1/2SN
SAE 100 R1/2T
DIN EN 857 2SC
2SNK PREMIUM

Note

BOCCOLA PER TUBO:
DIN EN 853 1/2SN
SAE 100 R1/2T
DIN EN 857 2SC
2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L	
BUN03	3/16	5	20	26	1/2SN-2SC-2SNK
BUN04	1/4	6	23	26	1/2SN-2SC-2SNK
BUN05	5/16	8	24	26	1/2SN-2SC-2SNK
BUN06	3/8	10	26	31	1/2SN-2SC-2SNK
BUN08	1/2	12	29	33	1/2SN-2SC-2SNK
BUN10	5/8	16	33	36	1/2SN-2SC-2SNK
BUN12	3/4	19	37	39	1/2SN-2SC-2SNK
BUN16	1"	25	46	44	1/2SN-2SC-2SNK
BUN20	1"1/4	32	59	59	1/2SN-2SC-2SNK
BUN24	1"1/2	38	67	67	1/2SN-2SC-2SNK
BUN32	2"	51	80	72	1/2SN-2SC-2SNK



FERRULES
BOCCOLE

BUK

NO SKIVE FERRULE UNIFICATED 1/2 SC - 1/2 SNK - 1 SN
BOCCOLA A PRESSARE UNIFICATA 1/2 SC - 1/2 SNK - 1 SN

Notes

FERRULE FOR HOSE:
DIN EN 857 1/2SC
1/2SNK PREMIUM
DIN EN 853 1SN

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L	
BUK04	1/4	6	20	26	1/2SC-1/2SNK-1SN
BUK05	5/16	8	22	26	1/2SC-1/2SNK-1SN
BUK06	3/8	10	25	31	1/2SC-1/2SNK-1SN
BUK08	1/2	12	29	33	1/2SC-1/2SNK-1SN
BUK10	5/8	16	32	36	1/2SC-1/2SNK-1SN
BUK12	3/4	19	36	39	1/2SC-1/2SNK-1SN
BUK16	1"	25	45	44	1/2SC-1/2SNK-1SN

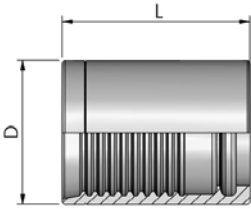
Note

BOCCOLA PER TUBO:
DIN EN 857 1/2SC
1/2SNK PREMIUM
DIN EN 853 1SN

FERRULES
BOCCOLE

B1C

NO SKIVE FERRULE 1 SC - 1 SN K - R7 - R8 - 7T
BOCCOLA A PRESSARE 1 SC - 1 SN K - R7 - R8 - 7T



Notes

FERRULE FOR HOSE:
DIN EN 857 1SC
1SNK PREMIUM
SAE 100 R7
SAE 100 R8
R7 - 1 STEEL BRAID (7T)

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L	
B1C03	3/16	5	16	24	1SC-1SNK-R7/8-7T
B1C04	1/4	6	18	27	1SC-1SNK-R7/8-7T
B1C05	5/16	8	20	27	1SC-1SNK-R7/8-7T
B1C06	3/8	10	22	31	1SC-1SNK-R7/8-7T
B1C08	1/2	12	25	33	1SC-1SNK-R7/8-7T
B1C10	5/8	16	29	36	1SC-1SNK-R7/8-7T

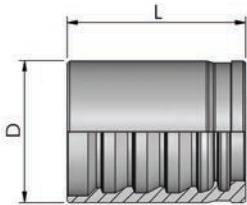
Note

BOCCOLA PER TUBO:
DIN EN 857 1SC
1SNK PREMIUM
SAE 100 R7
SAE 100 R8
R7 - 1 TRECCIA ACCIAIO (7T)

FERRULES
BOCCOLE

BUS

SKIVE FERRULE UNIFICATED 1 / 2 ST - R 1 / 2 A - 1 / 2 SN - 1 / 2 SC
BOCCOLA A PRESSARE UNIFICATA A PELARE 1 / 2 ST - R 1 / 2 A - 1 / 2 SN
- 1 / 2 SC



Notes

FERRULE FOR HOSE:
DIN EN 853 1/2ST - 1/2 SN
SAE 100 R1/2A
DIN EN 857 1/2SC

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est. mm	Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L		
BUS04	1/4	6	19	29	21	1/2ST-R1/2A
BUS05	5/16	8	21	29	21	1/2ST-R1/2A
BUS06	3/8	10	23	32	24	1/2ST-R1/2A
BUS08	1/2	12	27	34	24	1/2ST-R1/2A
BUS10	5/8	16	32	37	27	1/2ST-R1/2A
BUS12	3/4	19	36	43	32	1/2ST-R1/2A
BUS16	1"	25	44	49	35	1/2ST-R1/2A

Note

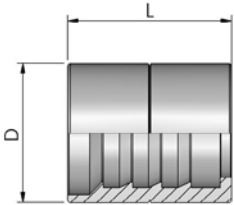
BOCCOLA PER TUBO:
DIN EN 853 1/2ST - 1/2 SN
SAE 100 R1/2A
DIN EN 857 1/2SC

FERRULES
BOCCOLE

B1A

SKIVE FERRULE 1 ST - R1A

BOCCOLA A PRESSARE A PELARE 1 ST - R1A



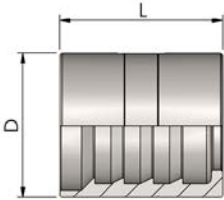
Notes

FERRULE FOR HOSE:
DIN EN 853 1ST
SAE 100 R1A

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est. mm	Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L		
B1A03	3/16	5	18	30	16	1ST-R1A
B1A04	1/4	6	20	29	18.5	1ST-R1A
B1A05	5/16	8	22	30	18.5	1ST-R1A
B1A06	3/8	10	24	32	20	1ST-R1A
B1A08	1/2	12	29	34	22	1ST-R1A
B1A10	5/8	16	32	37	25	1ST-R1A
B1A12	3/4	19	36	43	30	1ST-R1A
B1A16	1"	25	43	50	36	1ST-R1A
B1A20	1"1/4	32	52	57	41	1ST-R1A
B1A24	1"1/2	38	57	63	43	1ST-R1A
B1A32	2"	51	70	78	60	1ST-R1A

Note

BOCCOLA PER TUBO:
DIN EN 853 1ST
SAE 100 R1A



FERRULES
BOCCOLE

B2A

SKIVE FERRULE 2 ST - R2A

BOCCOLA A PRESSARE A PELARE 2 ST - R2A

Notes

FERRULE FOR HOSE:
DIN EN 853 2ST
SAE 100 R2A

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est. mm	Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L		
B2A03	3/16	5	20	27	16.5	2ST-R2A
B2A04	1/4	6	21	30	18.5	2ST-R2A
B2A05	5/16	8	24	30	18.5	2ST-R2A
B2A06	3/8	10	26	32	20	2ST-R2A
B2A08	1/2	12	30	34	22	2ST-R2A
B2A10	5/8	16	34	37	25	2ST-R2A
B2A12	3/4	19	38	43	30	2ST-R2A
B2A16	1"	25	46	50	36	2ST-R2A
B2A20	1"1/4	32	56	59	41	2ST-R2A
B2A24	1"1/2	38	62	63	46	2ST-R2A
B2A32	2"	51	75	79	60	2ST-R2A

Note

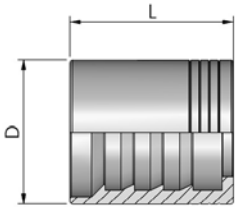
BOCCOLA PER TUBO:
DIN EN 853 2ST
SAE 100 R2A

FERRULES
BOCCOLE

B4P

SKIVE FERRULE 4SP - R9R - R10 - R12

BOCCOLA A PRESSARE A PELARE 4SP - R9R - R10 - R12



Notes

FERRULE FOR HOSE:
DIN EN 856 4SP
SAE 100 R9R
SAE 100 R10
SAE 100 R12

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est. mm	Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L		
B4P04	1/4	6	21	30	19	R9R-4SP
B4P06	3/8	10	26	32	23	R9R-4SP
B4P08	1/2	12	30	34	23	R9R-4SP
B4P10	5/8	16	34	37	32	R9R-4SP
B4P12	3/4	19	38	52	37	R9R-4SP-4SH
B4P16	1"	25	46	60	43	R9R-4SP-4SH
B4P20	1"1/4	32	56	66	49	R10-4SP
B4P24	1"1/2	38	65	77	55.5	R10-4SP
B4P32	2"	51	80	80	58.5	R10-4SP

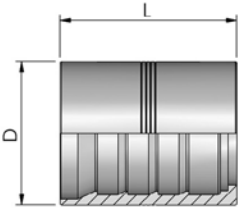
Note

BOCCOLA PER TUBO:
DIN EN 856 4SP
SAE 100 R9R
SAE 100 R10
SAE 100 R12

FERRULES
BOCCOLE

B4H

SKIVE FERRULE 4SH
BOCCOLA A PRESSARE A PELARE 4SH



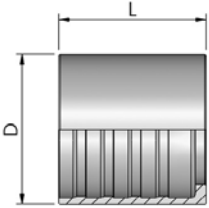
Notes

FERRULE FOR HOSE:
DIN EN 856 4SH

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est. mm	Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L		
B4H20	1"1/4	32	52	66	51	4SH
B4H24	1"1/2	38	62	77	58	4SH
B4H32	2"	51	75	80	60	4SH

Note

BOCCOLA PER TUBO:
DIN EN 856 4SH



FERRULES
BOCCOLE

BR4

NO SKIVE FERRULE R4
BOCCOLA A PRESSARE R4

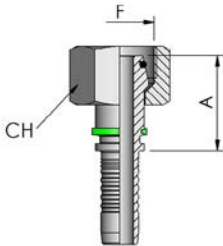
Notes

FERRULE FOR HOSE:
SAE 100 R4

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L	
BR420	1"1/4	32	52	51	SAE 100 R4
BR424	1"1/2	38	60	57	SAE 100 R4
BR432	2"	51	70	63	SAE 100 R4

Note

BOCCOLA PER TUBO:
SAE 100 R4



METRIC FITTINGS 24°
INSERTI METRICI 24°

FEL

DKOL - METRIC O-RING FEMALE, 24° CONE, LIGHT
DKOL - FEMMINA METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRIC
Norme - Norma: DIN 3865

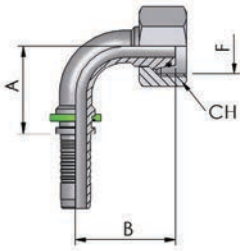
Notes

* CRIMPED NUT

Note

* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
FEL0603	M12x1,5	3/16	5	6	14	22,2
FEL0604*	M12x1,5	1/4	6	6	14	26,5
FEL0803	M14x1,5	3/16	5	8	17	22,2
FEL0804	M14x1,5	1/4	6	8	17	22,4
FEL1004	M16x1,5	1/4	6	10	19	24,6
FEL1005	M16x1,5	5/16	8	10	19	24,6
FEL1006*	M16x1,5	3/8	10	10	19	28,5
FEL1204	M18x1,5	1/4	6	12	22	23,9
FEL1205	M18x1,5	5/16	8	12	22	23,9
FEL1206	M18x1,5	3/8	10	12	22	24,0
FEL1506	M22x1,5	3/8	10	15	27	25,2
FEL1508	M22x1,5	1/2	12	15	27	25,8
FEL1808	M26x1,5	1/2	12	18	32	26,8
FEL1810	M26x1,5	5/8	16	18	32	26,8
FEL2210	M30x2	5/8	16	22	36	28,8
FEL2212	M30x2	3/4	19	22	36	29,8
FEL2816	M36x2	1"	25	28	41	31,3
FEL3520	M45x2	1"1/4	32	35	50	36,4
FEL4224	M52x2	1"1/2	38	42	60	38,4



METRIC FITTINGS 24°
 INSERTI METRICI 24°

C90EL

DKOL 90° - METRIC O-RING FEMALE 90°, 24° CONE, LIGHT
 DKOL 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRIC
 Norme - Norma: DIN 3865

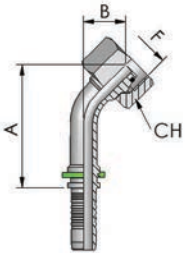
Notes

* CRIMPED NUT

Note

* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
C90EL0603	M12x1,5	3/16	5	6	14	26	28
C90EL0604*	M12x1,5	1/4	6	6	14	23	38
C90EL0803	M14x1,5	3/16	5	8	17	26	29
C90EL0804	M14x1,5	1/4	6	8	17	29	35
C90EL1004	M16x1,5	1/4	6	10	19	29	37
C90EL1005	M16x1,5	5/16	8	10	19	36	32
C90EL1006*	M16x1,5	3/8	10	10	19	35	45
C90EL1204	M18x1,5	1/4	6	12	22	33	31
C90EL1205	M18x1,5	5/16	8	12	22	36	33
C90EL1206	M18x1,5	3/8	10	12	22	38	35
C90EL1506	M22x1,5	3/8	10	15	27	38	37
C90EL1508	M22x1,5	1/2	12	15	27	40	41
C90EL1808	M26x1,5	1/2	12	18	32	38	45
C90EL1810	M26x1,5	5/8	16	18	32	46	48
C90EL2212	M30x2	3/4	19	22	36	52	50
C90EL2816	M36x2	1"	25	28	41	72	65
C90EL3520	M45x2	1"1/4	32	35	50	98	77
C90EL4224	M52x2	1"1/2	38	42	60	105	96



METRIC FITTINGS 24°
 INSERTI METRICI 24°

C45EL

DKOL 45° - METRIC O-RING FEMALE 45°, 24° CONE, LIGHT
 DKOL 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRIC
 Norme - Norma: DIN 3865

Notes

- * CRIMPED NUT
- ** WHILE STOCKS LAST

Note

- * DADO PINZATO
- ** ARTICOLO IN ESAURIMENTO

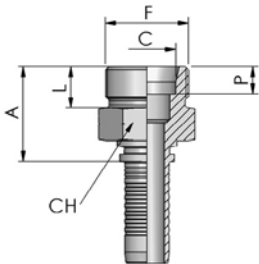
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
C45EL0603	M12x1,5	3/16	5	6	14	36	15
C45EL0604*	M12x1,5	1/4	6	6	14	47	22
C45EL0803	M14x1,5	3/16	5	8	17	38	18
C45EL0804	M14x1,5	1/4	6	8	17	50	17
C45EL1004	M16x1,5	1/4	6	10	19	52	18
C45EL1005	M16x1,5	5/16	8	10	19	56	17
C45EL1006*	M16x1,5	3/8	10	10	19	63	25
C45EL1204	M18x1,5	1/4	6	12	22	52	17
C45EL1205	M18x1,5	5/16	8	12	22	56	17
C45EL1206	M18x1,5	3/8	10	12	22	58	18
C45EL1506	M22x1,5	3/8	10	15	27	60	19
C45EL1508	M22x1,5	1/2	12	15	27	65	21
C45EL1808	M26x1,5	1/2	12	18	32	65	23
C45EL1810	M26x1,5	5/8	16	18	32	74	23
C45EL2212	M30x2	3/4	19	22	36	80	24
C45EL2812**	M36x2	3/4"	19	28	41	102	35
C45EL2816	M36x2	1"	25	28	41	109	30
C45EL3520	M45x2	1"1/4	32	35	50	142	34
C45EL4224	M52x2	1"1/2	38	42	60	160	43

METRIC FITTINGS 24°
INSERTI METRICI 24°

MEL

CEL - METRIC MALE, 24° CONE, LIGHT
CEL - MASCHIO METRICO, CONO 24°, SERIE LEGGERA

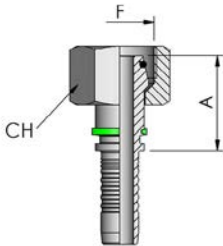
Thread - Filetto: METRIC
Norme - Norma: DIN 3861



Notes

Note

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
MEL0603	M12X1,5	3/16	5	6	12	20,7	7	10
MEL0604	M12x1,5	1/4	6	6	12	20,9	7	10
MEL0803	M14x1,5	3/16	5	8	14	21,7	7	10
MEL0804	M14x1,5	1/4	6	8	14	21,9	7	10
MEL1004	M16x1,5	1/4	6	10	17	22,9	7	11
MEL1005	M16x1,5	5/16	8	10	17	22,9	7	11
MEL1006	M16x1,5	3/8	10	10	17	23,5	7	11
MEL1204	M18x1,5	1/4	6	12	19	23,9	7	11
MEL1205	M18x1,5	5/16	8	12	19	23,9	7	11
MEL1206	M18x1,5	3/8	10	12	19	24,5	7	11
MEL1506	M22x1,5	3/8	10	15	22	25,5	7	12
MEL1508	M22x1,5	1/2	12	15	22	26,1	7	12
MEL1808	M26x1,5	1/2	12	18	27	27,1	7,5	12
MEL1810	M26x1,5	5/8	16	18	27	27,1	7,5	12
MEL2210	M30x2	5/8	16	22	30	29	7,5	14
MEL2212	M30x2	3/4	19	22	30	30,1	7,5	14
MEL2816	M36x2	1"	25	28	36	32,1	7,5	14
MEL3520	M45x2	1"1/4	32	35	46	36,5	10,5	16
MEL4224	M52x2	1"1/2	38	42	55	39	11	16



METRIC FITTINGS 24°
INSERTI METRICI 24°

FES

DKOS - METRIC O-RING FEMALE, 24° CONE, HEAVY
DKOS - FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRIC
Norme - Norma: DIN 3865

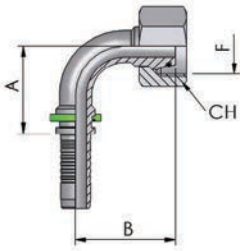
Notes

- * CRIMPED NUT
- ** WHILE STOCKS LAST

Note

- * DADO PINZATO
- ** ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
FES0603	M14X1,5	3/16	5	6	17	22,2
FES0604*	M14X1,5	1/4	6	6	17	26,5
FES0803	M16x1,5	3/16	5	8	19	22
FES0804	M16x1,5	1/4	6	8	19	22,4
FES1004	M18x1,5	1/4	6	10	22	24,6
FES1005	M18x1,5	5/16	8	10	22	24,6
FES1006*	M18x1,5	3/8	10	10	22	28,5
FES1204	M20x1,5	1/4	6	12	24	23,9
FES1205	M20x1,5	5/16	8	12	24	23,9
FES1206	M20x1,5	3/8	10	12	24	24
FES1406	M22x1,5	3/8	10	14	27	28,7
FES1608	M24x1,5	1/2	12	16	30	28,9
FES1610**	M24x1,5	5/8	16	16	30	30
FES2010	M30x2	5/8	16	20	36	31,5
FES2012	M30x2	3/4	19	20	36	32,5
FES2512	M36x2	3/4	19	25	46	37,5
FES2516	M36x2	1"	25	25	46	36,9
FES3016	M42x2	1"	25	30	50	40,1
FES3020**	M42x2	1"1/4	32	30	50	41
FES3820	M52x2	1"1/4	32	38	60	44,2



METRIC FITTINGS 24°
INSERTI METRICI 24°

C90ES

DKOS 90° - METRIC O-RING FEMALE 90°, 24° CONE, HEAVY
DKOS 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRIC
Norme - Norma: DIN 3865

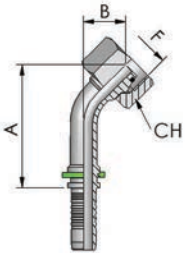
Notes

- * CRIMPED NUT
- ** WHILE STOCKS LAST

Note

- * DADO PINZATO
- ** ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
C90ES0603	M14X1,5	3/16	5	6	17	26	28
C90ES0604*	M14X1,5	1/4	6	6	17	23	38
C90ES0803	M16x1,5	3/16	5	8	19	26	29
C90ES0804	M16x1,5	1/4	6	8	19	29	35
C90ES1004	M18x1,5	1/4	6	10	22	29	37
C90ES1005	M18x1,5	5/16	8	10	22	36	32
C90ES1006*	M18x1,5	3/8	10	10	22	35	45
C90ES1204	M20x1,5	1/4	6	12	24	33	31
C90ES1205	M20x1,5	5/16	8	12	24	36	33
C90ES1206	M20x1,5	3/8	10	12	24	38	35
C90ES1406	M22x1,5	3/8	10	14	27	36	38
C90ES1408**	M22x1,5	1/2	12	14	27	38	46
C90ES1608	M24x1,5	1/2	12	16	30	38	44
C90ES2008**	M30x2	1/2	12	20	36	50	65
C90ES2010	M30x2	5/8	16	20	36	46	51
C90ES2012	M30x2	3/4	19	20	36	52	51
C90ES2512	M36x2	3/4	19	25	46	52	55
C90ES2516	M36x2	1"	25	25	46	72	66
C90ES3016	M42x2	1"	25	30	50	72	70
C90ES3020**	M42x2	1"1/4	32	30	50	95	85
C90ES3820	M52x2	1"1/4	32	38	60	99	81



METRIC FITTINGS 24°
 INSERTI METRICI 24°

C45ES

DKOS 45° - METRIC O-RING FEMALE 45°, 24° CONE, HEAVY
 DKOS 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRIC
 Norme - Norma: DIN 3865

Notes

- * CRIMPED NUT
- ** WHILE STOCKS LAST

Note

- * DADO PINZATO
- ** ARTICOLO IN ESAURIMENTO

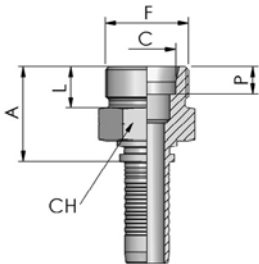
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
C45ES0603	M14X1,5	3/16	5	6	17	36	15
C45ES0604*	M14X1,5	1/4	6	6	17	47	22
C45ES0803	M16x1,5	3/16	5	8	19	38	18
C45ES0804	M16x1,5	1/4	6	8	19	50	17
C45ES1004	M18x1,5	1/4	6	10	22	52	18
C45ES1005	M18x1,5	5/16	8	10	22	56	17
C45ES1006*	M18x1,5	3/8	10	10	22	63	25
C45ES1204	M20x1,5	1/4	6	12	24	53	17
C45ES1205	M20x1,5	5/16	8	12	24	56	17
C45ES1206	M20x1,5	3/8	10	12	24	58	18
C45ES1406	M22x1,5	3/8	10	14	27	59	20
C45ES1608	M24x1,5	1/2	12	16	30	64	22
C45ES2010	M30x2	5/8	16	20	36	77	26
C45ES2012	M30x2	3/4	19	20	36	82	25
C45ES2512	M36x2	3/4	19	25	46	84	28
C45ES2516	M36x2	1"	25	25	46	110	31
C45ES3016	M42x2	1"	25	30	50	113	33
C45ES3020**	M52x2	1"1/4	32	30	50	140	45
C45ES3820	M52x2	1"1/4	32	38	60	146	38

METRIC FITTINGS 24°
 INSERTI METRICI 24°

MES

CES - METRIC MALE, 24° CONE, HEAVY
 CES - MASCHIO METRICO, CONO 24°, SERIE PESANTE

Thread - Filetto: METRIC
 Norme - Norma: DIN 3861



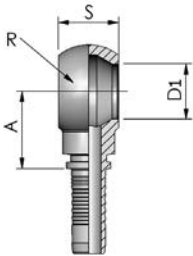
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
MES0604	M14x1,5	1/4	6	6	14	23,9	7	12
MES0804	M16x1,5	1/4	6	8	17	26,9	7	12
MES1004	M18x1,5	1/4	6	10	19	26,9	7,5	12
MES1005	M18x1,5	5/16	8	10	19	26,9	7,5	12
MES1006	M18x1,5	3/8	10	10	19	27,5	7,5	12
MES1205	M20x1,5	5/16	8	12	22	28,9	7,5	12
MES1206	M20x1,5	3/8	10	12	22	29,5	7,5	12
MES1406	M22x1,5	3/8	10	14	22	31,5	8	14
MES1408	M22x1,5	1/2	12	14	22	32,1	8	14
MES1608	M24x1,5	1/2	12	16	24	32,1	8,5	14
MES2010	M30x2	5/8	16	20	30	36,1	10,5	16
MES2012	M30x2	3/4	19	20	30	37,1	10,5	16
MES2512	M36x2	3/4	19	25	36	41,1	12	18
MES2516	M36x2	1"	25	25	36	42,1	12	18
MES3016	M42x2	1"	25	30	46	44,1	13,5	20
MES3816*	M52x2	1"	25	38	55	45	16	22
MES3820	M52x2	1"1/4	32	38	55	48,5	16	22
MES3824*	M52x2	1"1/2	38	38	55	42,5	16	22



BANJO FITTINGS
INSERTI AD OCCHIO

OM

RNM - METRIC BANJO
RNM - OCCHIO METRICO

Norme - Norma: DIN 7642

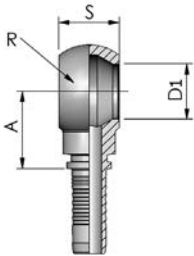
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
	Inch/Pollici	DN (mm)	A	R	D1	S
OM1003	3/16	5	24,8	8,5	M10	10
OM1004	1/4	6	24,8	8,5	M10	10
OM1203	3/16	5	21,5	10	M12	12
OM1204	1/4	6	28,3	10	M12	12
OM1205	5/16	8	28,1	10	M12	12
OM1404	1/4	6	24,8	12	M14	14
OM1405	5/16	8	23,3	12	M14	14
OM1406	3/8	10	25,4	12	M14	14
OM1604	1/4	6	26,7	14	M16	17
OM1605	5/16	8	26,8	14	M16	17
OM1606	3/8	10	26,9	14	M16	17
OM1608*	1/2	12	34	14	M16	18
OM1804	1/4	6	31,9	16	M18	20
OM1805	5/16	8	31,7	16	M18	20
OM1806	3/8	10	32,3	16	M18	20
OM1808	1/2	12	29,3	16	M18	20
OM2006	3/8	10	27,8	17,5	M20	22
OM2008	1/2	12	28,3	17,5	M20	22
OM2206	3/8	10	32,3	18	M22	22
OM2208	1/2	12	29,6	18	M22	22
OM2210	5/8	16	30,5	18	M22	22
OM2610	5/8	16	38	22,5	M26	29
OM2612	3/4	19	38	22,5	M26	29



BANJO FITTINGS
INSERTI AD OCCHIO

OG

RNR - BSP BANJO
RNR - OCCHIO BSP

Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

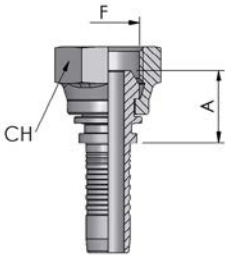
Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
	Inch/Pollici	DN (mm)	A	R	D1	S
OG0203	3/16	5	24,8	8,5	1/8	10
OG0204	1/4	6	24,8	8,5	1/8	10
OG0403	3/16	5	23	12	1/4	14
OG0404	1/4	6	23,3	12	1/4	14
OG0405	5/16	8	28,1	12	1/4	14
OG0406	3/8	10	23,4	12	1/4	14
OG0604	1/4	6	26,8	14	3/8	17
OG0605	5/16	8	26,8	14	3/8	17
OG0606	3/8	10	26,9	14	3/8	17
OG0608	1/2	12	27,5	14	3/8	17
OG0805	5/16	8	28,9	18	1/2	23
OG0806	3/8	10	29	18	1/2	23
OG0808	1/2	12	29,6	18	1/2	23
OG1010*	5/8	16	37	19,5	5/8	23
OG1206*	3/8	10	46	23	3/4	29
OG1208	1/2	12	39	22,5	3/4	29,5
OG1210	5/8	16	39	22,5	3/4	29,5
OG1212	3/4	19	40	22,5	3/4	29,5
OG1612	3/4	19	46,6	29	1"	38
OG1616	1"	25	47	29	1"	38

BSP FITTINGS 60°
 INSERTI BSP 60°

FG

DKR - BSP FEMALE, 60° CONE
 DKR - FEMMINA BSP, CONO 60°

Thread - Filetto: BSP
 Norme - Norma: BS 5200



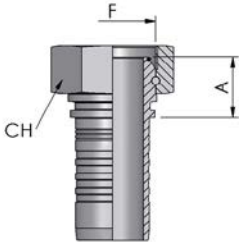
Notes

CRIMPED NUT
 * WHILE STOCKS LAST

Note

DADO PINZATO
 * ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
FG0203	1/8-28	3/16	5	14	15,7
FG0204	1/8-28	1/4	6	14	15,9
FG0403	1/4-19	3/16	5	19	17,4
FG0404	1/4-19	1/4	6	19	17,6
FG0405	1/4-19	5/16	8	19	17,6
FG0406	1/4-19	3/8	10	19	17,7
FG0604	3/8-19	1/4	6	22	18,7
FG0605	3/8-19	5/16	8	22	18,7
FG0606	3/8-19	3/8	10	22	18,8
FG0608	3/8-19	1/2	12	22	19,4
FG0804	1/2-14	1/4	6	27	22,5
FG0805	1/2-14	5/16	8	27	20,5
FG0806	1/2-14	3/8	10	27	20,6
FG0808	1/2-14	1/2	12	27	21,2
FG0810	1/2-14	5/8	16	27	21,2
FG0812*	1/2-14	3/4	19	27	24
FG1008	5/8-14	1/2	12	30	21,3
FG1010	5/8-14	5/8	16	30	21,3
FG1208	3/4-14	1/2	12	32	25,3
FG1210	3/4-14	5/8	16	32	22,8
FG1212	3/4-14	3/4	19	32	22,8
FG1216*	3/4-14	1"	25	32	27,5
FG1612	1"-11	3/4	19	38	24,5



BSP FITTINGS 60°
 INSERTI BSP 60°

PFG

DKOR - BSP FEMALE THRUST WIRE NUT O-RING, 60° CONE
 DKOR - FEMMINA BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP
 Norme - Norma: BS 5200

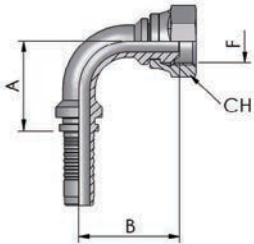
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
PFG1212*	3/4-14	3/4	19	32	27
PFG1616*	1"-11	1"	25	41	31
PFG2016	1"1/4-11	1"	25	50	32,6
PFG2020	1"1/4-11	1"1/4	32	50	31
PFG2420	1"1/2-11	1"1/4	32	55	32,7
PFG2424	1"1/2-11	1"1/2	38	55	32,7
PFG3224*	2"-11	1"1/2	38	70	29,8
PFG3232	2"-11	2"	51	70	29,8

Note

* ARTICOLO IN ESAURIMENTO



BSP FITTINGS 60°
INSERTI BSP 60°

C90G

DKR 90° - BSP FEMALE 90°, 60° CONE
DKR 90° - FEMMINA 90° BSP, CONO 60°

Thread - Filetto: BSP
Norme - Norma: BS 5200

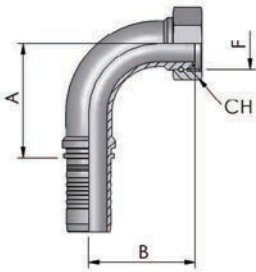
Notes

CRIMPED NUT
* WHILE STOCKS LAST

Note

DADO PINZATO
* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
C90G0203	1/8-28	3/16	5	15	26	27
C90G0204	1/8-28	1/4	6	15	23	26
C90G0403	1/4-19	3/16	5	19	26	29
C90G0404	1/4-19	1/4	6	19	23	29
C90G0405	1/4-19	5/16	8	19	33	32
C90G0406	1/4-19	3/8	10	19	35	33
C90G0604	3/8-19	1/4	6	22	23	33
C90G0605	3/8-19	5/16	8	22	33	34
C90G0606	3/8-19	3/8	10	22	35	36
C90G0608	3/8-19	1/2	12	22	39	40
C90G0804*	1/2-14	1/4	6	27	28	34
C90G0805	1/2-14	5/16	8	27	33	38
C90G0806	1/2-14	3/8	10	27	35	40
C90G0808	1/2-14	1/2	12	27	39	44
C90G0810	1/2-14	5/8	16	27	48	47
C90G1008	5/8-14	1/2	12	30	39	47
C90G1010	5/8-14	5/8	16	30	48	50
C90G1208	3/4-14	1/2	12	32	39	49
C90G1210	3/4-14	5/8	16	32	48	52
C90G1212	3/4-14	3/4	19	32	50	52
C90G1612	1"-11	3/4	19	38	50	56
C90G1616	1"-11	1"	25	38	72	67



BSP FITTINGS 60°
 INSERTI BSP 60°

PC90G

DKOR 90° - BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE
 DKOR 90° - FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP
 Norme - Norma: BS 5200

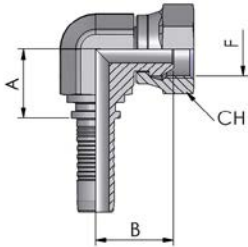
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
PC90G1212*	3/4-14	3/4	19	32	54	56
PC90G1616*	1"-11	1"	25	41	70	72
PC90G2016	1"1/4-11	1"	25	50	72	74
PC90G2020	1"1/4-11	1"1/4	32	50	88	80
PC90G2420	1"1/2-11	1"1/4	32	55	88	84
PC90G2424	1"1/2-11	1"1/2	38	55	99	92
PC90G3224*	2"-11	1"1/2	38	70	99	97
PC90G3232	2"-11	2"	51	70	128	110

Note

* ARTICOLO IN ESAURIMENTO



BSP FITTINGS 60°
 INSERTI BSP 60°

C90COMPG

DKR 90° K - BSP FEMALE 90° COMPACT, 60° CONE
 DKR 90° K - FEMMINA 90° COMPATTA BSP, CONO 60°

Thread - Filetto: BSP
 Norme - Norma: BS 5200

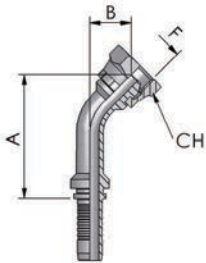
Notes

CRIMPED NUT

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
C90COMPG0404	1/4-19	1/4	6	19	21	23
C90COMPG0606	3/8-19	3/8	10	22	22	24
C90COMPG0808	1/2-14	1/2	12	27	24	27
C90COMPG1212	3/4-14	3/4	19	32	32	35
C90COMPG1616	1"-11	1"	25	38	34	40

Note

DADO PINZATO



BSP FITTINGS 60°
 INSERTI BSP 60°

C45G

DKR 45° - BSP FEMALE 45°, 60° CONE
 DKR 45° - FEMMINA 45° BSP, CONO 60°

Thread - Filetto: BSP
 Norme - Norma: BS 5200

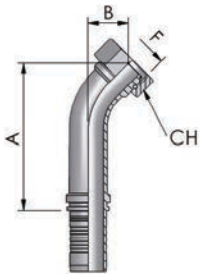
Notes

CRIMPED NUT

Note

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
C45G0203	1/8-28	3/16	5	15	38	13
C45G0204	1/8-28	1/4	6	15	38	13
C45G0403	1/4-19	3/16	5	19	40	16
C45G0404	1/4-19	1/4	6	19	41	16
C45G0405	1/4-19	5/16	8	19	53	17
C45G0406	1/4-19	3/8	10	19	55	17
C45G0604	3/8-19	1/4	6	22	43	18
C45G0605	3/8-19	5/16	8	22	54	18
C45G0606	3/8-19	3/8	10	22	57	18
C45G0608	3/8-19	1/2	12	22	62	19
C45G0806	1/2-14	3/8	10	27	60	21
C45G0808	1/2-14	1/2	12	27	65	22
C45G1008	5/8-14	1/2	12	30	68	25
C45G1010	5/8-14	5/8	16	30	77	25
C45G1208	3/4-14	1/2	12	32	69	26
C45G1210	3/4-14	5/8	16	32	79	27
C45G1212	3/4-14	3/4	19	32	82	26
C45G1612	1"-11	3/4	19	38	84	28
C45G1616	1"-11	1"	25	38	111	31



BSP FITTINGS 60°
 INSERTI BSP 60°

PC45G

DKOR 45° - BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE
 DKOR 45° - FEMMINA 45° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200

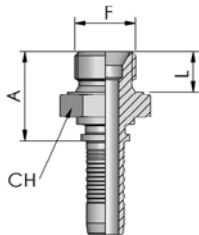
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
PC45G1212*	3/4-14	3/4	19	32	82	30
PC45G1616*	1"-11	1"	25	38	90	41
PC45G2016	1"1/4-11	1"	25	50	116	36
PC45G2020	1"1/4-11	1"1/4	32	50	134	37
PC45G2424	1"1/2-11	1"1/2	38	55	152	40
PC45G3224*	2"-11	1"1/2	38	70	155	44
PC45G3232	2"-11	2"	51	70	188	44

Note

* ARTICOLO IN ESAURIMENTO



BSP FITTINGS 60°
INSERTI BSP 60°

MG

AGR - BSPP MALE, 60° CONE
AGR - MASCHIO BSPP, CONO 60°

Thread - Filetto: BSPP
Norme - Norma: BS 5200

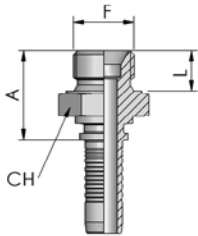
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
MG0203	1/8-28	3/16	5	15	20,3	8
MG0204	1/8-28	1/4	6	15	20,5	8
MG0403	1/4-19	3/16	5	19	25,3	12
MG0404	1/4-19	1/4	6	19	25,5	12
MG0405	1/4-19	5/16	8	19	25,5	12
MG0406	1/4-19	3/8	10	19	26,5	12
MG0604	3/8-19	1/4	6	22	26,6	12
MG0605	3/8-19	5/16	8	22	26,6	12
MG0606	3/8-19	3/8	10	22	27,2	12
MG0608	3/8-19	1/2	12	22	27,8	12
MG0804	1/2-14	1/4	6	27	29,7	14
MG0805	1/2-14	5/16	8	27	29,7	14
MG0806	1/2-14	3/8	10	27	30,3	14
MG0808	1/2-14	1/2	12	27	30,9	14
MG0810	1/2-14	5/8	16	27	30,9	14
MG1008	5/8-14	1/2	12	28	34,2	16
MG1010	5/8-14	5/8	16	28	34,2	16
MG1208	3/4-14	1/2	12	32	34,3	16
MG1210	3/4-14	5/8	16	32	34,3	16
MG1212	3/4-14	3/4	19	32	35	16
MG1612	1"-11	3/4	19	41	37,1	18
MG1616	1"-11	1"	25	41	38,1	18
MG2016	1"1/4-11	1"	25	50	46,1	20



BSP FITTINGS 60°
 INSERTI BSP 60°

MG

AGR - BSPP MALE, 60° CONE
 AGR - MASCHIO BSPP, CONO 60°

Thread - *Filetto*: BSPP
 Norme - *Norma*: BS 5200

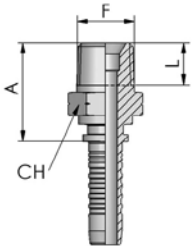
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
MG2020	1"1/4-11	1"1/4	32	50	47,5	20
MG2420*	1"1/2-11	1"1/4	32	55	50,5	22
MG2424	1"1/2-11	1"1/2	38	55	51	22
MG3232	2"-11	2"	51	70	54	24

Note

* ARTICOLO IN ESAURIMENTO



BSP FITTINGS 60°
 INSERTI BSP 60°

MC

AGR K - BSPT MALE, 60° CONE
 AGR K - MASCHIO BSPT, CONO 60°

Thread -Filetto: BSPT

Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

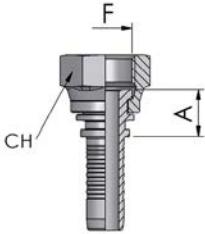
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
MC0203	1/8-28	3/16	5	12	21,9	10
MC0204	1/8-28	1/4	6	12	22,2	10
MC0404	1/4-19	1/4	6	15	27	14
MC0406*	1/4-19	3/8	10	15	25	12,5
MC0604*	3/8-19	1/4	6	19	28,5	15
MC0606	3/8-19	3/8	10	19	29	14,5
MC0806	1/2-14	3/8	10	22	34,5	19
MC0808	1/2-14	1/2	12	22	35,1	19
MC1212	3/4-14	3/4	19	27	37,1	19
MC1612	1"-11	3/4	19	36	43,1	24
MC1616	1"-11	1"	25	36	44,1	24
MC2020	1"1/4-11	1"1/4	32	46	49,5	24,5
MC2424	1"1/2-11	1"1/2	38	50	51	25
MC3232	2"-11	2"	51	65	53	26

BSP FITTINGS
 INSERTI BSP

FSPG

DKR F - BSP FEMALE FLAT FACE
 DKR F - FEMMINA BSP, SEDE PIANA

Thread - Filetto: BSP
 Norme - Norma:



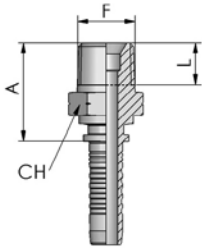
Notes

CRIMPED NUT
 * WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
FSPG0404	1/4-19	1/4	6	19	14,4
FSPG0604*	3/8-19	1/4	6	22	16
FSPG0606	3/8-19	3/8	10	22	14,9
FSPG0806	1/2-14	3/8	10	27	15,7
FSPG0808	1/2-14	1/2	12	27	16,3
FSPG1208	3/4-14	1/2	12	32	21
FSPG1210	3/4-14	5/8	16	32	18,5
FSPG1212	3/4-14	3/4	19	32	19,5
FSPG1616	1"-11	1"	25	38	21,2

Note

DADO PINZATO
 * ARTICOLO IN ESAURIMENTO



NPT FITTINGS 60°
INSERTI NPT 60°

MNPT

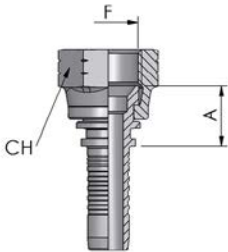
AGN - NPTF MALE
AGN - MASCHIO NPTF

Thread -Filetto: NPTF

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
MNPT0203	1/8-27	3/16	5	12	21,6	9,7
MNPT0204	1/8-27	1/4	6	12	21,9	9,7
MNPT0404	1/4-18	1/4	6	15	27,1	14,2
MNPT0405	1/4-18	5/16	8	15	27,1	14,2
MNPT0406	1/4-18	3/8	10	15	27,7	14,2
MNPT0604	3/8-18	1/4	6	19	28,2	14,2
MNPT0605	3/8-18	5/16	8	19	28,2	14,2
MNPT0606	3/8-18	3/8	10	19	28,7	14,2
MNPT0608	3/8-18	1/2	12	19	29,3	14,2
MNPT0806	1/2-14	3/8	10	22	34,5	19
MNPT0808	1/2-14	1/2	12	22	35,1	19
MNPT1208	3/4-14	1/2	12	27	36,1	19
MNPT1210	3/4-14	5/8	16	27	36,1	19
MNPT1212	3/4-14	3/4	19	27	37,1	19
MNPT1616	1"-11,5	1"	25	36	44	23,9
MNPT2016	1"1/4-11,5	1"	25	46	48,2	24,6
MNPT2020	1"1/4-11,5	1"1/4	32	46	49,6	24,6
MNPT2424	1"1/2-11,5	1"1/2	38	50	50,9	25,4
MNPT3232	2"-11,5	2"	51	65	53,2	26,2

Note



JIC FITTINGS 37°
 INSERTI JIC 37°

FJ

DKJ - JIC FEMALE, 37° CONE
 DKJ - FEMMINA JIC, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514

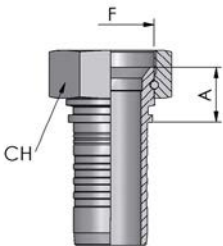
Notes

- CRIMPED NUT
- * FJ1106 45° CONE
- ** WHILE STOCKS LAST

Note

- DADO PINZATO
- * FJ1106 CONO DI TENUTA 45°
- ** ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
FJ0603	7/16-20	3/16	5	15	14,8
FJ0604	7/16-20	1/4	6	15	15
FJ0804	1/2-20	1/4	6	17	14,5
FJ0805	1/2-20	5/16	8	17	14,5
FJ1004	9/16-18	1/4	6	19	15,9
FJ1005	9/16-18	5/16	8	19	15,9
FJ1006	9/16-18	3/8	10	19	16
FJ1106*	5/8-18	3/8	10	22	16,9
FJ1205	3/4-16	5/16	8	24	16
FJ1204**	3/4-16	1/4	6	24	17
FJ1206	3/4-16	3/8	10	24	16,1
FJ1208	3/4-16	1/2	12	24	16,7
FJ1606	7/8-14	3/8	10	27	18,2
FJ1608	7/8-14	1/2	12	27	18,8
FJ1610	7/8-14	5/8	16	27	18,8
FJ1612**	7/8-14	3/4	19	27	22,3
FJ1612	7/8-14	3/4	19	27	22,3
FJ2008	1"1/16-12	1/2	12	32	24,1
FJ2010	1"1/16-12	5/8	16	32	21,6
FJ2012	1"1/16-12	3/4	19	32	22,6
FJ2212	1"3/16-12	3/4	19	36	22,1
FJ2512	1"5/16-12	3/4	19	41	24,3
FJ2516	1"5/16-12	1"	25	41	24,8



JIC FITTINGS 37°
 INSERTI JIC 37°

PFJ

DKJ - JIC FEMALE THRUST WIRE NUT, 37° CONE
 DKJ - FEMMINA JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

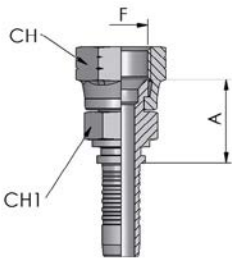
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
PFJ2010*	1"1/16-12	5/8	16	32	21,5
PFJ2012*	1"1/16-12	3/4	19	32	22,5
PFJ2516*	1"5/16-12	1"	25	41	23,5
PFJ3416	1"5/8-12	1"	25	50	26,7
PFJ3420	1"5/8-12	1"1/4	32	50	28,1
PFJ4020	1"7/8-12	1"1/4	32	55	28,5
PFJ4024	1"7/8-12	1"1/2	38	55	28,5
PFJ5032	2"1/2-12	2"	51	70	28,5

Note

* ARTICOLO IN ESAURIMENTO



JIC FITTINGS 37°
 INSERTI JIC 37°

FJDE

DKJ - JIC FEMALE DOUBLE HEXAGON, 37° CONE
 DKJ - FEMMINA JIC DOPPIO ESAGONO, CONO 37°

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J514

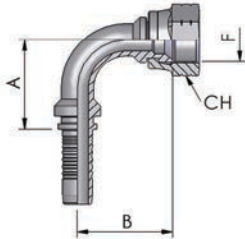
Notes

CRIMPED NUT
 * WHILE STOCKS LAST

Note

DADO PINZATO
 * ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
FJDE0604	7/16-20	1/4	6	15	12	21
FJDE0804	1/2-20	1/4	6	17	12	21
FJDE1004	9/16-18	1/4	6	19	14	22,5
FJDE1005	9/16-18	5/16	8	19	14	22,5
FJDE1006	9/16-18	3/8	10	19	14	20,5
FJDE1008*	9/16-18	1/2	12	19	19	25
FJDE1206	3/4-16	3/8	10	24	19	25
FJDE1208	3/4-16	1/2	12	24	19	23
FJDE1608	7/8-14	1/2	12	27	22	29
FJDE1610	7/8-14	5/8	16	27	22	29
FJDE2012	1"1/16-12	3/4	19	32	27	34
FJDE2516	1"5/16-12	1"	25	41	32	37,3



JIC FITTINGS 37°
 INSERTI JIC 37°

C90J

DKJ 90° - JIC FEMALE 90°, 37° CONE
 DKJ 90° - FEMMINA 90° JIC, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514

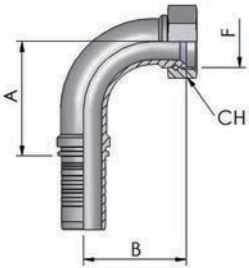
Notes

- CRIMPED NUT
- * C90J1106 45° CONE
- ** WHILE STOCKS LAST

Note

- DADO PINZATO
- * C90J1106 CONO DI TENUTA 45°
- ** ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
	F			CH	A	B
C90J0603	7/16-20	3/16	5	15	26	26
C90J0604	7/16-20	1/4	6	15	23	27
C90J0804	1/2-20	1/4	6	17	23	26
C90J0805	1/2-20	5/16	8	17	33	29
C90J1004	9/16-18	1/4	6	19	23	29
C90J1005	9/16-18	5/16	8	19	33	30
C90J1006	9/16-18	3/8	10	19	35	33
C90J1106*	5/8-18	3/8	10	22	35	34
C90J1205	3/4-16	5/16	8	24	33	33
C90J1206	3/4-16	3/8	10	24	35	34
C90J1208	3/4-16	1/2	12	24	39	39
C90J1606	7/8-14	3/8	10	27	35	37
C90J1608	7/8-14	1/2	12	27	39	41
C90J1610	7/8-14	5/8	16	27	48	45
C90J1612**	7/8-14	3/4	19	27	50	52
C90J2008	1"1/16-12	1/2	12	32	39	48
C90J2010	1"1/16-12	5/8	16	32	48	51
C90J2012	1"1/16-12	3/4	19	32	50	51
C90J2212	1"3/16-12	3/4	19	36	58	64
C90J2512	1"5/16-12	3/4	19	41	50	55
C90J2516	1"5/16-12	1"	25	41	72	67



JIC FITTINGS 37°
 INSERTI JIC 37°

PC90J

DKJ 90° - JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
 DKJ 90° - FEMMINA 90° JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514

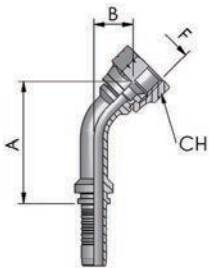
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
PC90J2010*	1"1/16-12	5/8	16	32	47	50
PC90J2012*	1"1/16-12	3/4	19	32	50	50
PC90J2516*	1"5/16-12	1"	25	41	72	64
PC90J3416	1"5/8-12	1"	25	50	72	71
PC90J3420	1"5/8-12	1"1/4	32	50	88	77
PC90J4020*	1"7/8-12	1"1/4	32	55	100	100
PC90J4024	1"7/8-112	1"1/2	38	55	99	89
PC90J5032	2"1/2-112	2"	51	70	128	109

Note

* ARTICOLO IN ESAURIMENTO



JIC FITTINGS 37°
 INSERTI JIC 37°

C45J

DKJ 45° - JIC FEMALE 45°, 37° CONE
 DKJ 45° - FEMMINA 45° JIC, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514

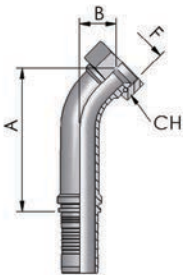
Notes

CRIMPED NUT
 * WHILE STOCKS LAST

Note

DADO PINZATO
 * ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
C45J0603	7/16-20	3/16	5	15	37	13
C45J0604	7/16-20	1/4	6	15	39	14
C45J0804	1/2-20	1/4	6	17	39	13
C45J1004	9/16-18	1/4	6	19	40	15
C45J1005	9/16-18	5/16	8	19	52	16
C45J1006	9/16-18	3/8	10	19	54	16
C45J1205	3/4-16	5/16	8	24	53	17
C45J1206	3/4-16	3/8	10	24	55	17
C45J1208	3/4-16	1/2	12	24	62	19
C45J1606	7/8-14	3/8	10	27	58	20
C45J1608	7/8-14	1/2	12	27	64	21
C45J1610	7/8-14	5/8	16	27	74	21
C45J2008*	1"1/16-12	1/2	12	32	68	25
C45J2010	1"1/16-12	5/8	16	32	78	26
C45J2012	1"1/16-12	3/4	19	32	81	25
C45J2512	1"5/16-12	3/4	19	41	84	28
C45J2516	1"5/16-12	1"	25	41	111	31



JIC FITTINGS 37°
 INSERTI JIC 37°

PC45J

DKJ 45° - JIC FEMALE 45° THRUST WIRE NUT, 37° CONE
 DKJ 45° - FEMMINA 45° JIC DADO SPINATO, CONO 37°

Thread - *Filetto*: UNF-UN

Norme - *Norma*: SAE J514

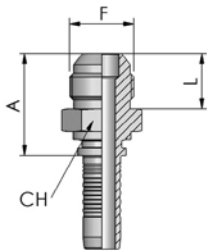
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
PC45J2010*	1"1/16-12	5/8	16	32	80	25
PC45J3420	1"5/8-12	1"1/4	32	50	132	35
PC45J4020*	1"7/8-12	1"1/4	32	55	108	40
PC45J4024	1"7/8-12	1"1/2	38	55	149	38
PC45J5032	2"1/2-12	2"	51	70	188	44

Note

* ARTICOLO IN ESAURIMENTO



JIC FITTINGS 37°
INSERTI JIC 37°

MJ

AGJ - JIC MALE, 37° CONE
AGJ - MASCHIO JIC, CONO 37°

Thread - Filetto: UNF-UN
Norme - Norma: SAE J514

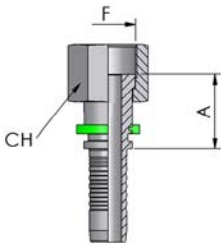
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
MJ0603	7/16-20	3/16	5	12	26,3	14
MJ0604	7/16-20	1/4	6	12	26,5	14
MJ0804	1/2-20	1/4	6	15	26,5	14
MJ0805	1/2-20	5/16	8	15	26,5	14
MJ1004	9/16-18	1/4	6	15	27,4	14,1
MJ1005	9/16-18	5/16	8	15	27,4	14,1
MJ1006	9/16-18	3/8	10	17	27,5	14,1
MJ1106	5/8-18	3/8	10	17	29,9	16
MJ1204*	3/4-16	1/4	6	19	30	16,7
MJ1205	3/4-16	5/16	8	19	30	16,7
MJ1206	3/4-16	3/8	10	19	30,6	16,7
MJ1208	3/4-16	1/2	12	19	31,2	16,7
MJ1606	7/8-14	3/8	10	24	35,3	19,3
MJ1608	7/8-14	1/2	12	24	35,3	19,3
MJ1610	7/8-14	5/8	16	24	35,3	19,3
MJ2008	1"1/16-12	1/2	12	27	39,7	21,9
MJ2010	1"1/16-12	5/8	16	27	39,7	21,9
MJ2012	1"1/16-12	3/4	19	27	40,7	21,9
MJ2512	1"5/16-12	3/4	19	34	41,9	23,1
MJ2516	1"5/16-12	1"	25	34	42,9	23,1
MJ3416	1"5/8-12	1"	25	42	46,1	24,3
MJ3420	1"5/8-12	1"1/4	32	42	47,5	24,3
MJ4020*	1"7/8-12	1"1/4	32	50	52,5	27,5



ORFS FITTINGS
INSERTI ORFS

FORFS

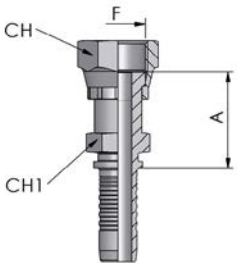
DKO - ORFS FEMALE
DKO - FEMMINA ORFS

Thread - Filetto: UNF-UN
Norme - Norma: SAE J1453

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
FORFS1004	9/16-18	1/4	6	17	20,5
FORFS1104	11/16-16	1/4	6	22	21,9
FORFS1105	11/16-16	5/16	8	22	21,9
FORFS1106	11/16-16	3/8	10	22	22
FORFS1306	13/16-16	3/8	10	24	25
FORFS1308	13/16-16	1/2	12	24	25,6
FORFS1808	1"-14	1/2	12	30	29,9
FORFS1810	1"-14	5/8	16	30	29,9
FORFS2208	1"3/16-12	1/2	12	36	32,1
FORFS2210	1"3/16-12	5/8	16	36	32,1
FORFS2212	1"3/16-12	3/4	19	36	33
FORFS2612	1"7/16-12	3/4	19	41	33,6
FORFS2616	1"7/16-12	1"	25	41	34,1
FORFS3620	1"11/16-12	1"1/4	32	50	35,5
FORFS4624	2"-12	1"1/2	38	60	37

Note



ORFS FITTINGS
INSERTI ORFS

FORFSDE

DKO - ORFS FEMALE DOUBLE HEXAGON
DKO - FEMMINA DOPPIO ESAGONO ORFS

Thread - Filetto: UNF-UN

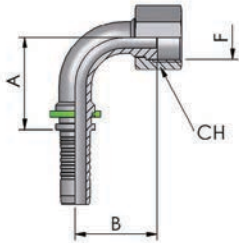
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
FORFSDE1004	9/16-18	1/4	6	17	14	28
FORFSDE1104	11/16-16	1/4	6	22	17	30,8
FORFSDE1106	11/16-16	3/8	10	22	17	32
FORFSDE1108*	11/16-16	1/2	12	22	19	32,5
FORFSDE1306	13/16-16	3/8	10	24	19	35,3
FORFSDE1308	13/16-16	1/2	12	24	19	33,4
FORFSDE1808	1"-14	1/2	12	30	24	39,6
FORFSDE1810	1"-14	5/8	16	30	24	39,6
FORFSDE1812*	1"-14	3/4	19	30	27	40,5
FORFSDE2212	1"3/16-12	3/4	19	36	27	43
FORFSDE2616	1"7/16-12	1"	25	41	36	46,1
FORFSDE3620	1"11/16-12	1"1/4	32	50	41	48
FORFSDE4624	2"-12	1"1/2	38	60	50	49,6



ORFS FITTINGS
INSERTI ORFS

C90ORFS

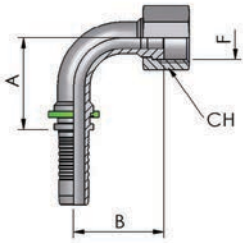
DKO 90° - ORFS FEMALE 90°
DKO 90° - FEMMINA 90° ORFS

Thread - *Filetto*: UNF-UN
Norme - *Norma*: SAE J1453

Notes

Note

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
C90ORFS1004	9/16-18	1/4	6	17	33	24
C90ORFS1104	11/16-16	1/4	6	22	33	26
C90ORFS1105	11/16-16	5/16	8	22	36	27
C90ORFS1106	11/16-16	3/8	10	22	38	29
C90ORFS1306	13/16-16	3/8	10	24	38	32
C90ORFS1308	13/16-16	1/2	12	24	40	36
C90ORFS1808	1"-14	1/2	12	30	40	41
C90ORFS1810	1"-14	5/8	16	30	46	47
C90ORFS2208	1"3/16-12	1/2	12	36	40	43
C90ORFS2210	1"3/16-12	5/8	16	36	46	46
C90ORFS2212	1"3/16-12	3/4	19	36	52	46
C90ORFS2612	1"7/16-12	3/4	19	41	52	52
C90ORFS2616	1"7/16-12	1"	25	41	72	63
C90ORFS3620	1"11/16-12	1"1/4	32	50	88	73
C90ORFS4624	2"-12	1"1/2	38	60	105	84



ORFS FITTINGS
INSERTI ORFS

CM90ORFS

DKO 90° - ORFS MEDIUM DROP FEMALE 90°
DKO 90° - FEMMINA 90° ORFS MEDIA

Thread - Filetto: UNF-UN

Norme - Norma: SAE J1454 - SAE J516

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
CM90ORFS1004	9/16-18	1/4	6	17	32,9	38
CM90ORFS1106	11/16-16	3/8	10	22	37,5	38
CM90ORFS1306	13/16-16	3/8	10	24	37,5	41
CM90ORFS1308	13/16-16	1/2	12	24	40,05	41
CM90ORFS1808	1"-14	1/2	12	30	40,05	47
CM90ORFS1810	1"-14	5/8	16	30	46,05	47
CM90ORFS2210	1"3/16-12	5/8	16	36	46,05	58
CM90ORFS2212	1"3/16-12	3/4	19	36	50	58
CM90ORFS2616	1"7/16-12	1"	25	41	71,6	71

Note

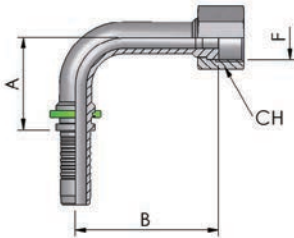
ORFS FITTINGS
 INSERTI ORFS

CL90ORFS

DKO 90° - ORFS LONG DROP FEMALE 90°
 DKO 90° - FEMMINA 90° ORFS LUNGA

Thread - Filetto: UNF-UN

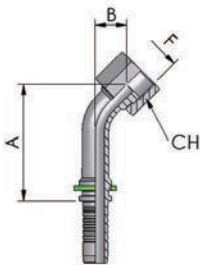
Norme - Norma: SAE J1454 - SAE J516



Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
CL90ORFS1004	9/16-18	1/4	6	17	32,85	46
CL90ORFS1106	11/16-16	3/8	10	22	37,5	54
CL90ORFS1306	13/16-16	3/8	10	24	37,5	64
CL90ORFS1308	13/16-16	1/2	12	24	40,05	64
CL90ORFS1808	1"-14	1/2	12	30	42,4	66
CL90ORFS1810	1"-14	5/8	16	30	46,05	70
CL90ORFS2210	1"3/16-12	5/8	16	36	46,05	96
CL90ORFS2212	1"3/16-12	3/4	19	36	52,2	96
CL90ORFS2616	1"7/16-12	1"	25	41	71,6	114

Note



ORFS FITTINGS
INSERTI ORFS

C45ORFS

DKO 45° - ORFS FEMALE 45°
DKO 45° - FEMMINA 45° ORFS

Thread - Filetto: UNF-UN
Norme - Norma: SAE J1453

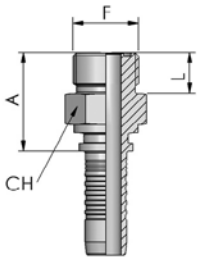
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
C45ORFS1004	9/16-18	1/4	6	17	47	12
C45ORFS1104	11/16-16	1/4	6	22	48	13
C45ORFS1105	11/16-16	5/16	8	22	52	13
C45ORFS1106	11/16-16	3/8	10	22	54	14
C45ORFS1306	13/16-16	3/8	10	24	56	16
C45ORFS1308	13/16-16	1/2	12	24	61	17
C45ORFS1808	1"-14	1/2	12	30	64	20
C45ORFS1810	1"-14	5/8	16	30	71	20
C45ORFS1812*	1"-14	3/4	19	30	85	35
C45ORFS2208	1"3/16-12	1/2	12	36	66	22
C45ORFS2210	1"3/16-12	5/8	16	36	73	22
C45ORFS2212	1"3/16-12	3/4	19	36	78	21
C45ORFS2612	1"7/16-12	3/4	19	41	82	26
C45ORFS2616	1"7/16-12	1"	25	41	108	29
C45ORFS3620	1"11/16-12	1"1/4	32	50	129	32
C45ORFS4624	2"-12	1"1/2	38	60	151	35



ORFS FITTINGS
INSERTI ORFS

MORFS

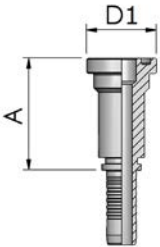
AGO - ORFS MALE
AGO - MASCHIO ORFS

Thread - *Filetto*: UNF-UN
Norme - *Norma*: SAE J1453

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
MORFS1004	9/16-18	1/4	6	17	24,6	9,8
MORFS1104	11/16-16	1/4	6	19	26,8	11,2
MORFS1105	11/16-16	5/16	8	19	26,8	11,2
MORFS1106	11/16-16	3/8	10	19	27,4	11,2
MORFS1306	13/16-16	3/8	10	22	30,1	12,8
MORFS1308	13/16-16	1/2	12	22	30,7	12,8
MORFS1808	1"-14	1/2	12	27	35,2	15,5
MORFS1810	1"-14	5/8	16	27	35,2	15,5
MORFS1812	1"-14	3/4	19	27	36,2	15,5
MORFS2208	1"3/16-12	1/2	12	32	38,2	17
MORFS2210	1"3/16-12	5/8	16	32	38,2	17
MORFS2212	1"3/16-12	3/4	19	32	39,2	17
MORFS2612	1"7/16-12	3/4	19	38	40,9	17,5
MORFS2616	1"7/16-12	1"	25	38	41,9	17,5
MORFS3620	1"11/16-12	1"1/4	32	46	45,3	17,5
MORFS4624	2"-12	1"1/2	38	55	47,6	17,5

Note



FLANGES
FLANGE

FLPI3

SFL - SAE FLANGE 3000 PSI

SFL - FLANGIA SAE 3000 PSI

Norme - Norma: SAE J518

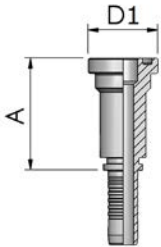
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
FLPI30806*	1/2	3/8	10	30,2	53
FLPI30808	1/2	1/2	12	30,2	48,8
FLPI31208	3/4	1/2	12	38,1	52,8
FLPI31210	3/4	5/8	16	38,1	50,8
FLPI31212	3/4	3/4	19	38,1	54,6
FLPI31612	1"	3/4	19	44,5	60,6
FLPI31616	1"	1"	25	44,5	60,8
FLPI32016	1"1/4	1"	25	50,8	65,3
FLPI32020	1"1/4	1"1/4	32	50,8	65,8
FLPI32420	1"1/2	1"1/4	32	60,4	71,3
FLPI32424	1"1/2	1"1/2	38	60,4	70,9
FLPI33232	2"	2"	51	71,4	77,5



FLANGES
FLANGE

FLPI6

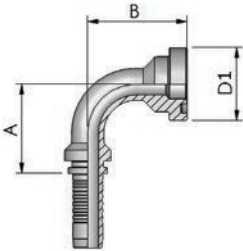
SFS - SAE FLANGE 6000 PSI
SFS - FLANGIA SAE 6000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
FLPI60808	1/2	1/2	12	31,7	48,8
FLPI61208	3/4	1/2	12	41,3	56,8
FLPI61210	3/4	5/8	16	41,3	54,8
FLPI61212	3/4	3/4	19	41,3	58,6
FLPI61612	1"	3/4	19	47,6	64,6
FLPI61616	1"	1"	25	47,6	66,1
FLPI62016	1"1/4	1"	25	54,0	71,1
FLPI62020	1"1/4	1"1/4	32	54,0	72,3
FLPI62420	1"1/2	1"1/4	32	63,5	81,8
FLPI62424	1"1/2	1"1/2	38	63,5	81,4
FLPI63232	2"	2"	51	79,4	100,5

Note



FLANGES
FLANGE

FLPI390

SFL 90° - SAE FLANGE 90° 3000 PSI

SFL 90° - FLANGIA 90° SAE 3000 PSI

Norme - Norma: SAE J518

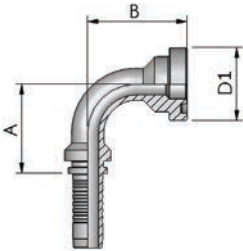
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
FLPI3900806*	1/2	3/8	10	30,2	34	37
FLPI3900808	1/2	1/2	12	30,2	39	42
FLPI3901208	3/4	1/2	12	38,1	39	47
FLPI3901210	3/4	5/8	16	38,1	48	50
FLPI3901212	3/4	3/4	19	38,1	50	50
FLPI3901612	1"	3/4	19	44,5	50	53
FLPI3901616	1"	1"	25	44,5	72	64
FLPI3902016	1"1/4	1"	25	50,8	72	67
FLPI3902020	1"1/4	1"1/4	32	50,8	88	73
FLPI3902420	1"1/2	1"1/4	32	60,4	88	78
FLPI3902424	1"1/2	1"1/2	38	60,4	99	86
FLPI3903232	2"	2"	51	71,5	128	130



FLANGES
FLANGE

FLPI690

SFS 90° - SAE FLANGE 90° 6000 PSI

SFS 90° - FLANGIA 90° SAE 6000 PSI

Norme - Norma: SAE J518

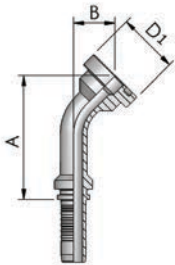
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
FLPI6900808	1/2	1/2	12	31,7	39	43
FLPI6901208	3/4	1/2	12	41,3	39	51
FLPI6901210	3/4	5/8	16	41,3	48	54
FLPI6901212	3/4	3/4	19	41,3	50	54
FLPI6901612	1"	3/4	19	47,6	50	60
FLPI6901616	1"	1"	25	47,6	72	71
FLPI6902016	1"1/4	1"	25	54,0	72	78
FLPI6902020	1"1/4	1"1/4	32	54,0	88	84
FLPI6902420	1"1/2	1"1/4	32	63,5	88	93
FLPI6902424	1"1/2	1"1/2	38	63,5	99	101
FLPI6903224*	2"	1"1/2	38	79,4	105	109
FLPI6903232	2"	2"	51	79,4	128	131



FLANGES
FLANGE

FLPI345

SFL 45° - SAE FLANGE 45° 3000 PSI

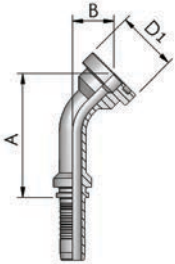
SFL 45° - FLANGIA 45° SAE 3000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
FLPI3450808	1/2	1/2	12	30,2	64	21
FLPI3451208	3/4	1/2	12	38,1	68	25
FLPI3451210	3/4	5/8	16	38,1	78	25
FLPI3451212	3/4	3/4	19	38,1	80	24
FLPI3451612	1"	3/4	19	44,5	82	27
FLPI3451616	1"	1"	25	44,5	109	29
FLPI3452016	1"1/4	1"	25	50,8	111	31
FLPI3452020	1"1/4	1"1/4	32	50,8	129	32
FLPI3452420	1"1/2	1"1/4	32	60,4	133	36
FLPI3452424	1"1/2	1"1/2	38	60,4	147	36
FLPI3453232	2"	2"	51	71,4	186	42

Note



FLANGES
FLANGE

FLPI645

SFS 45° - SAE FLANGE 45° 6000 PSI

SFS 45° - FLANGIA 45° SAE 6000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
FLPI6450808	1/2	1/2	12	31,7	65	22
FLPI6451208	3/4	1/2	12	41,3	71	28
FLPI6451210	3/4	5/8	16	41,3	81	28
FLPI6451212	3/4	3/4	19	41,3	83	27
FLPI6451612	1"	3/4	19	47,6	87	31
FLPI6451616	1"	1"	25	47,6	114	34
FLPI6452016	1"1/4	1"	25	54,0	119	39
FLPI6452020	1"1/4	1"1/4	32	54,0	137	40
FLPI6452420	1"1/2	1"1/4	32	63,5	143	46
FLPI6452424	1"1/2	1"1/2	38	63,5	158	46
FLPI6453232	2"	2"	51	79,4	203	59

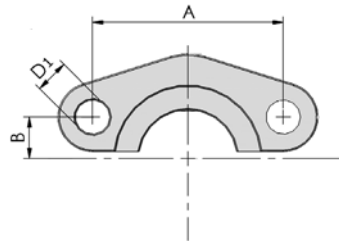
Note

FLANGES
FLANGE

SEM3

SAE SPLIT FLANGE 3000 PSI
SEMIFLANGIA SAE 3000 PSI

Norme - Norma: SAE J518



Notes

The code is for single piece and not for the couple.

Code Article Codice Articolo	Flange Flangia	Dimensions (mm) Dimensioni (mm)		
		D1	A	B
SEM308	1/2	21,8	38,1	8,8
SEM312	3/4	24,9	47,6	11,1
SEM316	1"	28,2	52,4	13,1
SEM320	1"1/4	35,3	58,7	15,1
SEM324	1"1/2	40,1	69,9	17,9
SEM332	2"	47,2	77,8	21,5

Note

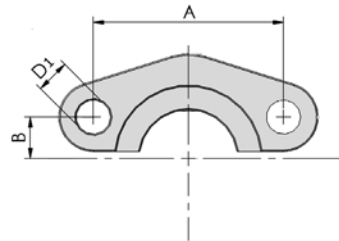
Il codice identifica il pezzo singolo e non la coppia.

FLANGES
FLANGE

SEM6

SAE SPLIT FLANGE 6000 PSI
SEMIFLANGIA SAE 6000 PSI

Norme - Norma: SAE J518



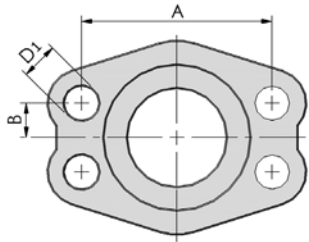
Notes

The code is for single piece and not for the couple.

Code Article Codice Articolo	Flange Flangia	Dimensions (mm) Dimensioni (mm)		
		D1	A	B
SEM608	1/2	22,6	40,5	9,2
SEM612	3/4	29	50,8	11,9
SEM616	1"	33,8	57,2	13,9
SEM620	1"1/4	37,6	66,7	15,7
SEM624	1"1/2	46,5	79,4	18,2
SEM632	2"	55,9	96,8	22,2

Note

Il codice identifica il pezzo singolo e non la coppia.



FLANGES
FLANGE

SEMI3

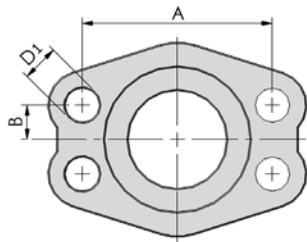
SAE UNCUT FLANGE 3000 PSI
SEMIFLANGIA INTERA SAE 3000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Dimensions (mm) Dimensioni (mm)		
		D1	A	B
SEMI308	1/2	21,8	38,1	8,8
SEMI312	3/4	24,9	47,6	11,1
SEMI316	1"	28,2	52,4	13,1
SEMI320	1"1/4	35,3	58,7	15,1
SEMI324	1"1/2	40,1	69,9	17,9
SEMI332	2"	47,2	77,8	21,5

Note



FLANGES
FLANGE

SEMI6

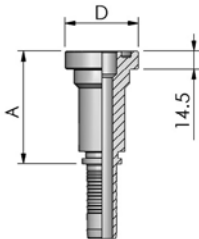
SAE UNCUT FLANGE 6000 PSI
SEMIFLANGIA INTERA SAE 6000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Dimensions (mm) Dimensioni (mm)		
		D1	A	B
SEMI608	1/2	22,6	40,5	9,2
SEMI612	3/4	29	50,8	11,9
SEMI616	1"	33,8	57,2	13,9
SEMI620	1"1/4	37,6	66,7	15,7
SEMI624	1"1/2	46,5	79,4	18,2
SEMI632	2"	55,9	96,8	22,2

Note



FLANGES
FLANGE

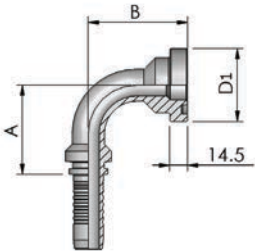
FLPIR6

SFC - SUPERCAT FLANGE
SFC - FLANGIA SUPERCAT

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
FLPIR61212	3/4	3/4	19	41,3	65,8
FLPIR61612	1"	3/4	19	47,6	69,6
FLPIR61616	1"	1"	25	47,6	71,1
FLPIR62016	1"1/4	1"	25	54,0	75
FLPIR62020	1"1/4	1"1/4	32	54,0	76.5

Note



FLANGES
FLANGE

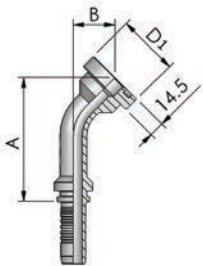
FLPIR690

SFC 90° - SUPERCAT FLANGE 90°
SFC 90° - FLANGIA 90° SUPERCAT

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
FLPIR6901212	3/4	3/4	19	41,3	50	60
FLPIR6901612	1"	3/4	19	47,6	50	65
FLPIR6901616	1"	1"	25	47,6	72	76
FLPIR6902016	1"1/4	1"	25	54,0	72	82
FLPIR6902020	1"1/4	1"1/4	32	54,0	88	88

Note



FLANGES
FLANGE

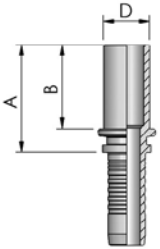
FLPIR645

SFC 45° - SUPERCAT FLANGE 45°
SFC 45° - FLANGIA 45° SUPERCAT

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
FLPIR6451212	3/4	3/4	19	41,3	87	31
FLPIR6451612	1"	3/4	19	47,6	91	35
FLPIR6451616	1"	1"	25	47,6	117	38
FLPIR6452016	1"1/4	1"	25	54,0	122	42
FLPIR6452020	1"1/4	1"1/4	32	54,0	140	43

Note



STANDPIPES
CODOLI LISCI

COD

BEL/BES - METRIC STANDPIPE
BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353

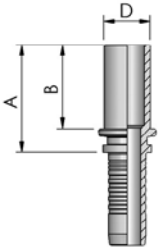
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
COD0603	3/16	5	6	31	24
COD0604	1/4	6	6	31,2	24
COD0803	3/16	5	8	31	24
COD0804	1/4	6	8	31,2	24
COD0805	5/16	8	8	31,4	24
COD1003*	3/16	5	10	31,5	25
COD1004	1/4	6	10	31,2	24
COD1005	5/16	8	10	31,4	24
COD1006	3/8	10	10	31,5	24
COD1204	1/4	6	12	32	27,3
COD1205	5/16	8	12	32,2	25
COD1206	3/8	10	12	32,5	25
COD1208	1/2	12	12	33,1	25
COD1406	3/8	10	14	36,3	29
COD1408	1/2	12	14	37,1	29
COD1506	3/8	10	15	36,5	29
COD1508	1/2	12	15	36,8	29
COD1608	1/2	12	16	37,1	29
COD1808	1/2	12	18	37,1	29
COD1810	5/8	16	18	36,8	29
COD1812	3/4	19	18	37,5	29
COD2008	1/2	12	20	43,8	38,5
COD2010	5/8	16	20	43,8	36



STANDPIPES
CODOLI LISCI

COD

BEL/BES - METRIC STANDPIPE
BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353

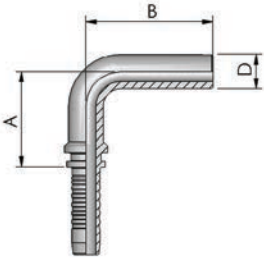
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
COD2012	3/4	19	20	44,5	36
COD2210	5/8	16	22	36,8	29
COD2212	3/4	19	22	37,5	29
COD2512	3/4	19	25	44,5	36
COD2516	1"	25	25	46,1	36
COD2816	1"	25	28	45,8	36
COD3016	1"	25	30	46,1	36
COD3020*	1"1/4	32	30	51	38
COD3520	1"1/4	32	35	46	35
COD3820	1"1/4	32	38	53	40
COD3824	1"1/2	38	38	58	45
COD4224	1"1/2	38	42	55	42

Note

* ARTICOLO IN ESAURIMENTO



STANDPIPES
CODOLI LISCI

COD90

BEL/BES 90° - METRIC STANDPIPE 90°

BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353

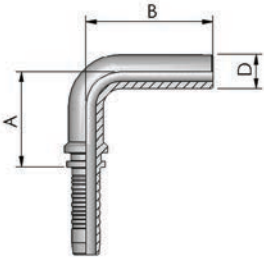
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
COD900603	3/16	5	6	28	38
COD900604	1/4	6	6	28	38
COD900803	3/16	5	8	22	38
COD900804	1/4	6	8	28	38
COD900805	5/16	8	8	28	38
COD901004	1/4	6	10	32	36
COD901005	5/16	8	10	32	44
COD901006	3/8	10	10	32	41
COD901204	1/4	6	12	33	43
COD901205	5/16	8	12	33	44
COD901206	3/8	10	12	33	44
COD901208	1/2	12	12	33	45
COD901405*	5/16	8	14	37	49
COD901406	3/8	10	14	35	48
COD901408	1/2	12	14	35	48
COD901506	3/8	10	15	38	53
COD901508	1/2	12	15	38	53
COD901608	1/2	12	16	43	56
COD901808	1/2	12	18	45	58
COD901810	5/8	16	18	45	58
COD901812*	3/4	19	18	43	57
COD902008*	1/2	12	20	48	65
COD902010	5/8	16	20	51	63



STANDPIPES
CODOLI LISCI

COD90

BEL/BES 90° - METRIC STANDPIPE 90°

BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353

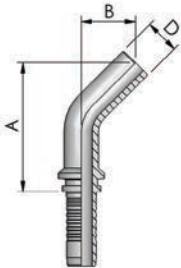
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
COD902012	3/4	19	20	51	66
COD902210	5/8	16	22	47	70
COD902212	3/4	19	22	55	72
COD902512	3/4	19	25	58	74
COD902516	1"	25	25	61	74
COD902816	1"	25	28	68	84
COD903016	1"	25	30	76	87
COD903520	1"1/4	32	35	68	95
COD903820	1"1/4	32	38	83	105
COD904220*	1"1/4	32	42	96	115
COD904224	1"1/2	38	42	85	110

Note

* ARTICOLO IN ESAURIMENTO



STANDPIPES
CODOLI LISCI

COD45

BEL/BES 45° - METRIC STANDPIPE 45°

BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353

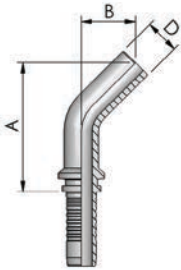
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
COD450603	3/16	5	6	39	22
COD450604	1/4	6	6	40	22
COD450804	1/4	6	8	46	20
COD451004	1/4	6	10	43	20
COD450805*	5/16	8	8	58	35
COD451005	5/16	8	10	43	20
COD451006	3/8	10	10	43	22
COD451204	1/4	6	12	52	24
COD451205	5/16	8	12	52	24
COD451206	3/8	10	12	52	25
COD451406	3/8	10	14	52	25
COD451408	1/2	12	14	52	31
COD451506	3/8	10	15	56	24
COD451508	1/2	12	15	56	24
COD451608	1/2	12	16	54	25
COD451808	1/2	12	18	61	26
COD451810	5/8	16	18	75	33
COD452008*	1/2	12	20	67	35
COD452010	5/8	16	20	81	40
COD452012	3/4	19	20	70	40
COD452210	5/8	16	22	77	34
COD452212	3/4	19	22	77	34
COD452512	3/4	19	25	82	36



STANDPIPES
CODOLI LISCI

COD45

BEL/BES 45° - METRIC STANDPIPE 45°

BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353

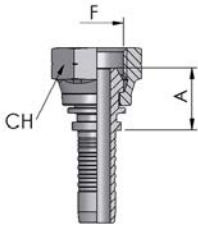
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
COD452516	1"	25	25	82	36
COD452816	1"	25	28	87	44
COD453016	1"	25	30	90	44
COD453520	1"1/4	32	35	99	46
COD453820	1"1/4	32	38	104	51
COD453824*	1"1/2	38	38	100	54
COD454224	1"1/2	38	42	113	60

Note

* ARTICOLO IN ESAURIMENTO



METRIC FITTINGS 60°
 INSERTI METRICI 60°

FM

DKM - METRIC FEMALE, 60° CONE
 DKM - FEMMINA METRICA, CONO 60°

Thread -Filetto: METRIC

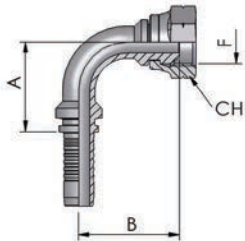
Notes

CRIMPED NUT
 * WHILE STOCKS LAST

Note

DADO PINZATO
 * ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
FM1003	10x1	3/16	5	14	15,65
FM1004	10x1	1/4	6	14	15,9
FM1203*	12x1,5	3/16	5	17	16
FM1204	12x1,5	1/4	6	17	17,6
FM1404	14x1,5	1/4	6	19	17,6
FM1405	14x1,5	5/16	8	19	17,6
FM1406	14x1,5	3/8	10	19	17,7
FM1605	16x1,5	5/16	8	22	18,7
FM1604	16x1,5	1/4	6	22	18,7
FM1606	16x1,5	3/8	10	22	18,8
FM1608*	16x1,5	1/2	12	22	20
FM1804	18x1,5	1/4	6	24	18,7
FM1805	18x1,5	5/16	8	24	18,7
FM1806	18x1,5	3/8	10	24	18,8
FM1808	18x1,5	1/2	12	24	19,4
FM2006	20x1,5	3/8	10	27	20,6
FM2008	20x1,5	1/2	12	27	21,2
FM2206	22x1,5	3/8	10	27	20,6
FM2208	22x1,5	1/2	12	27	21,2
FM2210	22x1,5	5/8	16	27	21,2
FM2610	26x1,5	5/8	16	32	22,8
FM2612	26x1,5	3/4	19	32	23,8
FM3012	30x1,5	3/4	19	38	24,5



METRIC FITTINGS 60°
 INSERTI METRICI 60°

C90M

DKM 90° - METRIC FEMALE 90°, 60° CONE
 DKM 90° - FEMMINA 90° METRICA, CONO 60°

Thread - Filetto: METRIC

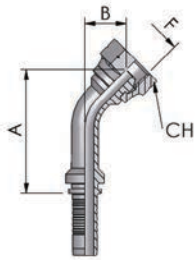
Notes

CRIMPED NUT
 * WHILE STOCKS LAST

Note

DADO PINZATO
 * ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
C90M1003	10x1	3/16	5	14	26	27
C90M1004	10x1	1/4	6	14	23	26
C90M1204	12x1,5	1/4	6	17	23	29
C90M1404	14x1,5	1/4	6	19	23	29
C90M1405	14x1,5	5/16	8	19	33	32
C90M1406	14x1,5	3/8	10	19	35	33
C90M1604	16x1,5	1/4	6	22	23	33
C90M1605	16x1,5	5/16	8	22	33	34
C90M1606	16x1,5	3/8	10	22	35	36
C90M1804	18x1,5	1/4	6	24	23	33
C90M1805	18x1,5	5/16	8	24	33	34
C90M1806	18x1,5	3/8	10	24	35	36
C90M1808	18x1,5	1/2	12	24	39	40
C90M2006	20x1,5	3/8	10	27	35	40
C90M2008	20x1,5	1/2	12	27	39	44
C90M2206	22x1,5	3/8	10	27	35	40
C90M2208	22x1,5	1/2	12	27	39	44
C90M2210	22x1,5	5/8	16	27	48	47
C90M2610	26x1,5	5/8	16	32	48	52
C90M2612	26x1,5	3/4	19	32	50	52
C90M3012	30x1,5	3/4	19	36	50	56
C90M3816*	38x1,5	1"	25	46	82	70



METRIC FITTINGS 60°
 INSERTI METRICI 60°

C45M

DKM 45° - METRIC FEMALE 45°, 60° CONE
 DKM 45° - FEMMINA 45° METRICA, CONO 60°

Thread - Filetto: METRIC

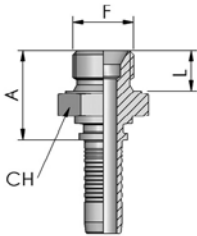
Notes

CRIMPED NUT
 * WHILE STOCKS LAST

Note

DADO PINZATO
 * ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
C45M1003	10x1	3/16	5	14	38	13
C45M1004*	10x1	1/4	6	14	40	16
C45M1204	12x1,5	1/4	6	17	38	13
C45M1404	14x1,5	1/4	6	19	41	16
C45M1405	14x1,5	5/16	8	19	53	17
C45M1406	14x1,5	3/8	10	19	55	17
C45M1604	16x1,5	1/4	6	22	43	18
C45M1605	16x1,5	5/16	8	22	54	18
C45M1606	16x1,5	3/8	10	22	57	18
C45M1804	18x1,5	1/4	6	24	43	18
C45M1805	18x1,5	5/16	8	24	54	18
C45M1806	18x1,5	3/8	10	24	57	18
C45M1808	18x1,5	1/2	12	24	62	19
C45M2006	20x1,5	3/8	10	27	60	21
C45M2008	20x1,5	1/2	12	27	65	22
C45M2206	22x1,5	3/8	10	27	60	21
C45M2208	22x1,5	1/2	12	27	65	22
C45M2210	22x1,5	5/8	16	27	77	25
C45M2610	26x1,5	5/8	16	32	79	27
C45M2612	26x1,5	3/4	19	32	82	26
C45M3012	30x1,5	3/4	19	36	84	28
C45M3816*	38x1,5	1"	25	46	82	32



METRIC FITTINGS 60°
 INSERTI METRICI 60°

MM

AGM - METRIC MALE, 60° CONE
 AGM - MASCHIO METRICO, CONO 60°

Thread -Filetto: METRIC

Notes

* WHILE STOCKS LAST

Note

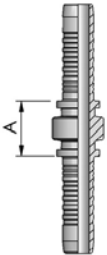
* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
MM1003	10x1	3/16	5	15	20,25	8
MM1004	10x1	1/4	6	15	20,5	8
MM1204	12x1,5	1/4	6	17	25,1	11
MM1404	14x1,5	1/4	6	19	26,2	12
MM1604	16x1,5	1/4	6	22	28,4	13
MM1605	16x1,5	5/16	8	22	28,6	13,7
MM1606	16x1,5	3/8	10	22	29,2	13
MM1608*	16x1,5	1/2	12	22	33	13
MM1806	18x1,5	3/8	10	24	30,2	14
MM1808	18x1,5	1/2	12	24	30,2	14
MM2006	20x1,5	3/8	10	27	30,9	14
MM2008	20x1,5	1/2	12	27	31,4	14
MM2205*	22x1,5	5/16	8	27	32	14
MM2206	22x1,5	3/8	10	27	31,9	15
MM2208	22x1,5	1/2	12	27	31,9	15
MM2210	22x1,5	5/8	16	27	32,4	15
MM2610	26x1,5	5/8	16	32	34,6	16
MM2612	26x1,5	3/4	19	32	35,3	16
MM3012	30x1,5	3/4	19	36	36,5	16

HOSE JUNCTIONS
GIUNZIONI PER TUBI FLESSIBILI

GPG

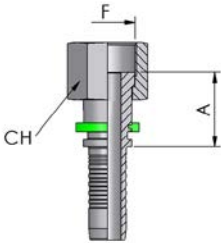
HOSE JUNCTION
GIUNZIONE PER TUBI FLESSIBILI



Notes

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)
	Inch/Pollici	DN (mm)	A
GPG0404	1/4	6	17
GPG0505	5/16	8	17
GPG0606	3/8	10	17
GPG0808	1/2	12	18
GPG1010	5/8	16	18
GPG1212	3/4	19	19
GPG1616	1"	25	21
GPG2020	1"1/4	32	24

Note



CO² WHITWORTH FITTINGS
 INSERTI CO² WITHWORTH

FW

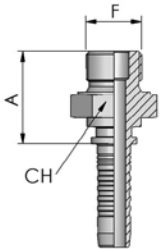
CO² FEMALE WHITWORTH
 FEMMINA CO² WITHWORTH

Thread -Filetto: BSW WITHWORTH

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
FW21706	21,7	3/8	10	27	18,6
FW21708	21,7	1/2	12	27	18,6

Note



CO² WHITWORTH FITTINGS
 INSERTI CO² WITHWORTH

MW

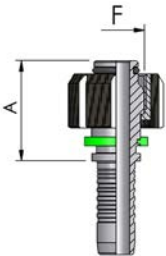
CO² MALE WHITWORTH
 MASCHIO CO² WITHWORTH

Thread -Filetto: BSW WITHWORTH

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
MW21706	21,7	3/8	10	24	27
MW21708	21,7	1/2	12	24	27

Note



JET WASH FITTINGS "K"
 INSERTI IDROPULITRICE "K"

FMK

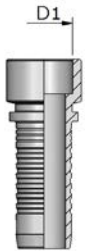
JET WASH FITTING K
 FEMMINA IDROPULITRICE K

Thread - Filetto: METRIC

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
FMK2204	22x1,5	1/4	6		38,8
FMK2205	22x1,5	5/16	8		39,8
FMK2206	22x1,5	3/8	10		30,7

Note



WELDING FITTINGS
INSERTI A SALDARE

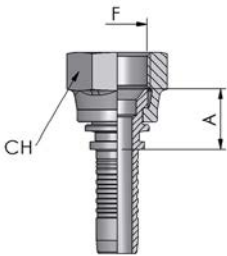
RS

WELDING INSERT
INSERTO A SALDARE

Notes

Note

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)
	Inch/Pollici	DN (mm)	D1
RS0406	1/4	6	6
RS0408	1/4	6	8
RS0410	1/4	6	10
RS0510	5/16	8	10
RS0512	5/16	8	12
RS0610	3/8	10	10
RS0612	3/8	10	12
RS0614	3/8	10	14
RS0814	1/2	12	14
RS0815	1/2	12	15
RS0816	1/2	12	16
RS1016	5/8	16	16
RS1018	5/8	16	18
RS1020	5/8	16	20
RS1220	3/4	19	20
RS1222	3/4	19	22
RS1225	3/4	19	25
RS1626	1"	25	26
RS2030	1"1/4	32	30
RS2032	1"1/4	32	32
RS2438	1"1/2	38	38
RS3250	2"	51	50



JIS FITTINGS KOMATSU
 INSERTI JIS KOMATSU

FKTS

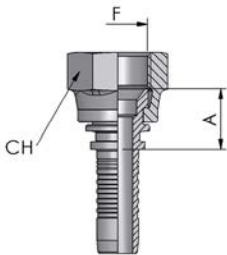
JISK - JIS KOMATSU FEMALE
 JISK - FEMMINA JIS KOMATSU

Thread -Filetto: METRIC

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
FKTS1204	12X1,5	1/4	6	17	10,5
FKTS1404	14X1,5	1/4	6	19	10,5
FKTS1405	14X1,5	5/16	8	19	11
FKTS1605	16X1,5	5/16	8	22	11
FKTS1606	16X1,5	3/8	10	22	12
FKTS1806	18X1,5	3/8	10	24	12
FKTS2008	20X1,5	1/2	12	27	13
FKTS2208	22X1,5	1/2	12	27	13,5
FKTS2410	24X1,5	5/8	16	30	14

Note



JIS FITTINGS TOYOTA
 INSERTI JIS TOYOTA

FJS

JIST - JIS TOYOTA FEMALE
 JIST - FEMMINA JIS TOYOTA

Thread -Filetto: BSP

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
FJS0404	1/4-19	1/4	6	17	10,5
FJS0606	3/8-19	3/8	10	22	12
FJS0808	1/2-14	1/2	12	27	13,5
FJS1212	3/4-14	3/4	19	32	14
FJS1616	1"-11	1"	25	38	15

Note



DRY-FIT
ONE-PIECE



DRY-FIT ONE PIECE FITTINGS RACCORDI DRY-FIT ONE PIECE WIRE BRAIDED HOSES - PER TUBI TRECCIATI

The **ONE-PIECE** range is characterized by the **DRY-FIT** profile which guarantees high reliability and from a no skive ferrule suitable for the most common 1 and 2 wires braided hoses on the market.

The main advantages of **DRY-FIT ONE-PIECE**:

- Slows down the aging process and hardening of the inner lining.
- Increases the resistance of the bent hose.
- Eliminates leakages of a cooled hose.
- Easy to crimp.

Maximum functionality on the hoses:

- SAE 100 R1/2T
- SAE 100 R17/R16S
- DIN EN 853 1/2SN
- DIN EN 857 1/2SC
- 1/2SNK PREMIUM

La gamma **ONE-PIECE** è caratterizzata dal profilo **DRY-FIT** da cui ne deriva una grande affidabilità e da una boccola no skive adatta ai più comuni tubi 1 e 2 trecce presenti sul mercato.

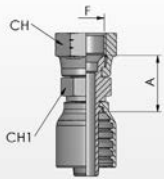
I principali vantaggi del **DRY-FIT ONE-PIECE** :

- Rallenta il processo di invecchiamento e indurimento del sottostrato
- Aumenta la resistenza del tubo in flessione.
- Elimina i trafilamenti a freddo.
- Semplifica la pressatura.

Massima funzionalità sui tubi:

- SAE 100 R1/2T
- SAE 100 R17/R16S
- DIN EN 853 1/2SN
- DIN EN 857 1/2SC
- 1/2SNK PREMIUM

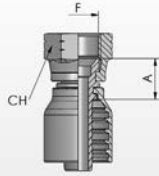
UBFJDE



94

DKJ - JIC FEMALE DOUBLE HEXAGON, 37° CONE
DKJ - FEMMINA DOPPIO ESAGONO, CONO 37°

UBFJ



94

DKJ - JIC FEMALE, 37° CONE
DKJ - FEMMINA JIC, CONO 37°

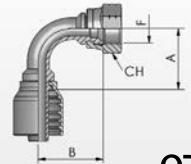
UBPFJ



96

DKJ - JIC FEMALE THRUST WIRE NUT, 37° CONE
DKJ - FEMMINA JIC DADO SPINATO, CONO 37°

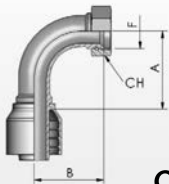
UBC90J



97

DKJ 90° - JIC FEMALE 90°, 37° CONE
DKJ 90° - FEMMINA 90° JIC, CONO 37°

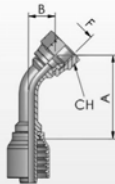
UBPC90J



98

DKJ 90° - JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
DKJ 90° - FEMMINA 90° JIC DADO SPINATO, CONO 37°

UBC45J



99

DKJ 45° - JIC FEMALE 45°, 37° CONE
DKJ 45° - FEMMINA 45° JIC, CONO 37°

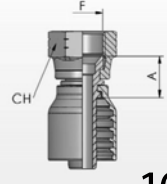
UBPC45J



100

DKJ 45° - JIC FEMALE 45° THRUST WIRE NUT, 37° CONE
DKJ 45° - FEMMINA 45° JIC DADO SPINATO, CONO 37°

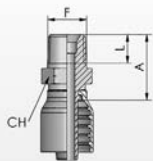
UBMJ



101

AGJ - JIC MALE, 37° CONE
AGJ - MASCHIO JIC, CONO 37°

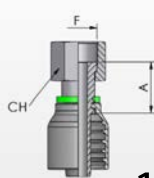
UBMNPT



102

AGN - NPTF MALE
AGN - MASCHIO NPTF

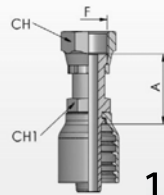
UBFORFS



103

DKO - ORFS FEMALE
DKO - FEMMINA ORFS

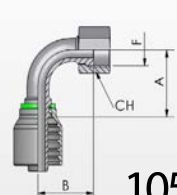
UBFORFSDE



104

DKO - ORFS FEMALE DOUBLE HEXAGON
DKO - FEMMINA DOPPIO ESAGONO ORFS

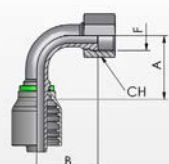
UBC90ORFS



105

DKO 90° - ORFS FEMALE 90°
DKO 90° - FEMMINA 90° ORFS

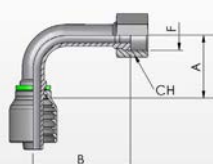
UBCM90ORFS



106

DKO 90° - ORFS MEDIUM FEMALE 90°
DKO 90° - FEMMINA 90° ORFS MEDIA

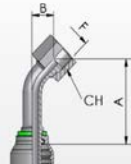
UBCL90ORFS



107

DKO 90° - ORFS LONG FEMALE 90°
DKO 90° - FEMMINA 90° ORFS LUNGA

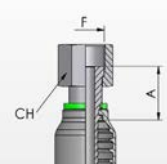
UBC45ORFS



108

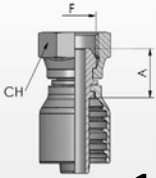
DKO 45° - ORFS FEMALE 45°
DKO 45° - FEMMINA 45° ORFS

UBMORFS

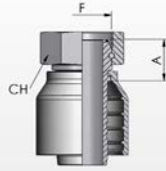


109

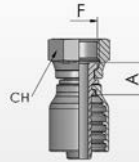
AGO - ORFS MALE
AGO - MASCHIO ORFS

UBFG**110**

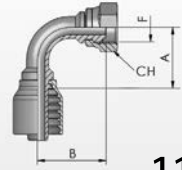
DKR - BSP FEMALE, 60° CONE
DKR - FEMMINA BSP, CONO 60°

UBPFG**111**

DKR - BSP FEMALE THRUST
WIRE NUT O-RING, 60° CONE
DKR - FEMMINA BSP DADO SPINATO O-RING,
CONO 60°

UBFSPG**112**

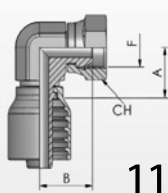
DKR F - BSP FEMALE FLAT FACE
DKRF - FEMMINA BSP, SEDE PIANA

UBC90G**113**

DKR 90° - BSP FEMALE 90°, 60° CONE
DKR 90° - FEMMINA 90° BSP, CONO 60°

UBPC90G**114**

DKR 90° - BSP FEMALE 90° THRUST
WIRE NUT O-RING, 60° CONE
DKR 90° - FEMMINA 90° BSP DADO SPINATO
O-RING, CONO 60°

UBC90COMPG**115**

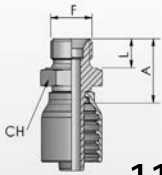
DKR 90° K - BSP FEMALE 90° COMPACT,
60° CONE
DKR 90° K - FEMMINA 90° COMPATTA BSP,
CONO 60°

UBC45G**116**

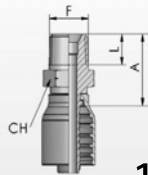
DKR 45° - BSP FEMALE 45°, 60° CONE
DKR 45° - FEMMINA 45° BSP, CONO 60°

UBPC45G**117**

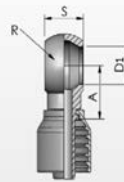
DKR 45° - BSP FEMALE 45° THRUST
WIRE NUT O-RING, 60° CONE
DKR 45° - FEMMINA 45° BSP DADO SPINATO
O-RING, CONO 60°

UBMG**118**

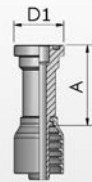
AGR - BSPP MALE, 60° CONE
AGR - MASCHIO BSPP, CONO 60°

UBMC**119**

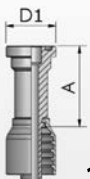
AGR K - BSPT MALE, 60° CONE
AGR K - MASCHIO BSPT, CONO 60°

UBOG**120**

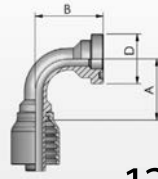
RNR - BSP BANJO
RNR - OCCHIO BSP

UBFLPI3**121**

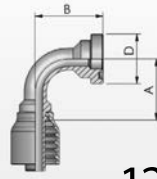
SFL - SAE FLANGE 3000 PSI
SFL - FLANGIA SAE 3000 PSI

UBFLPI6**122**

SFS - SAE FLANGE 6000 PSI
SFS - FLANGIA SAE 6000 PSI

UBFLPI390**123**

SFL 90° - SAE FLANGE 90° 3000 PSI
SFL 90° - FLANGIA 90° SAE 3000 PSI

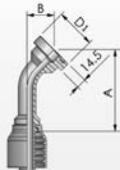
UBFLPI690**124**

SFS 90° - SAE FLANGE 90° 6000 PSI
SFS 90° - FLANGIA 90° SAE 6000 PSI

UBFLPI345**125**

SFL 45° - SAE FLANGE 45° 3000 PSI
SFL 45° - FLANGIA 45° SAE 3000 PSI

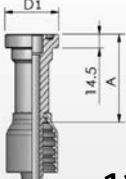
UBFLPI645



126

SFS 45° - SAE FLANGE 45° 6000 PSI
SFS 45° - FLANGIA 45° SAE 6000 PSI

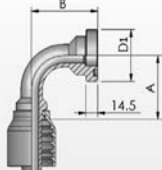
UBFLPIR6



127

SFC - SUPERCAT FLANGE
SFC - FLANGIA SUPERCAT

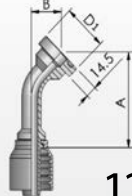
UBFLPIR690



128

SFC 90° - SUPERCAT FLANGE 90°
SFC 90° - FLANGIA 90° SUPERCAT

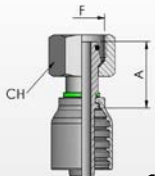
UBFLPIR645



129

SFC 45° - SUPERCAT FLANGE 45°
SFC 45° - FLANGIA 45° SUPERCAT

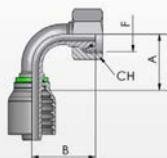
UBFEL



130

DKOL - METRIC O-RING FEMALE,
24° CONE, LIGHT
DKOL - FEMMINA METRICA O-RING, CONO 24°, SERIE LEGGERA

UBC90EL



131

DKOL 90° - METRIC O-RING FEMALE 90°,
24° CONE, LIGHT
DKOL 90° - FEMMINA 90° METRICA O-RING,
CONO 24°, SERIE LEGGERA

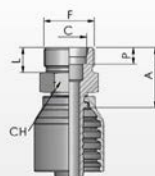
UBC45EL



132

DKOL 45° - METRIC O-RING FEMALE 45°,
24° CONE, LIGHT
DKOL 45° - FEMMINA 45° METRICA O-RING,
CONO 24°, SERIE LEGGERA

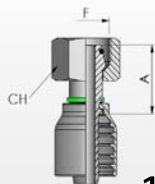
UBMEL



133

CEL - METRIC MALE, 24° CONE, LIGHT
CEL - MASCHIO METRICO, CONO 24°,
SERIE LEGGERA

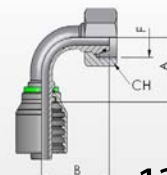
UBFES



134

DKOS - METRIC O-RING FEMALE,
24° CONE, HEAVY
DKOS - FEMMINA METRICA O-RING,
CONO 24°, SERIE PESANTE

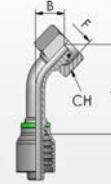
UBC90ES



135

DKOS 90° - METRIC O-RING FEMALE 90°,
24° CONE, HEAVY
DKOS 90° - FEMMINA 90° METRICA O-RING,
CONO 24°, SERIE PESANTE

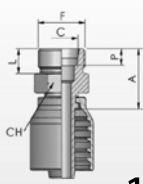
UBC45ES



136

DKOS 45° - METRIC O-RING FEMALE 45°,
24° CONE, HEAVY
DKOS 45° - FEMMINA 45° METRICA O-RING,
CONO 24°, SERIE PESANTE

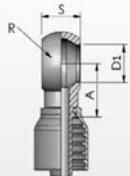
UBMES



137

CES - METRIC MALE, 24° CONE, HEAVY
CES - MASCHIO METRICO, CONO 24°,
SERIE PESANTE

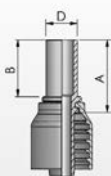
UBOM



138

RNM - METRIC BANJO
RNM - OCCHIO METRICO

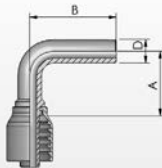
UBCOD



139

BEL/BES - METRIC STANDPIPE
BEL/BES - CODOLO METRICO DIRITTO

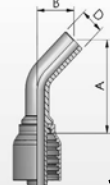
UBCOD90



141

BEL/BES 90° - METRIC STANDPIPE 90°
BEL/BES 90° - CODOLO METRICO 90°

UBCOD45

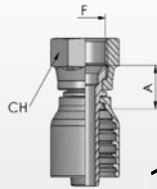


143

BEL/BES 45° - METRIC STANDPIPE 45°
BEL/BES 45° - CODOLO METRICO 45°

UBGPG**145**

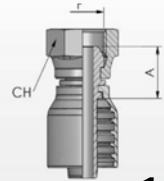
HOSE JUNCTION
GIUNZIONE PER TUBI FLESSIBILI

UBFKTS**146**

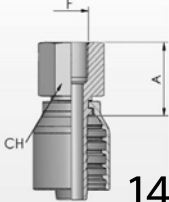
JISK - JIS KOMATSU FEMALE
JISK - FEMMINA JIS KOMATSU

UBFJS**147**

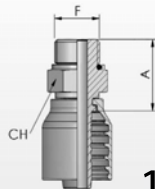
JIST - JIS TOYOTA FEMALE
JIST - FEMMINA JIS TOYOTA

UBFNPSM**148**

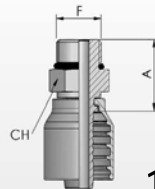
FEMALE 30° CONE STRAIGHT
FEMMINA CONO 30°

UBFSNPT**149**

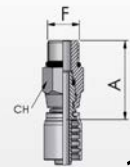
FEMALE SOLID STRAIGHT
FEMMINA PEZZO UNICO

UBMORG**150**

MALE O-RING FLAT SEAL STRAIGHT
MASCHIO FACCIA PIANA CON O-RING

UBMSAE**151**

STANDARD ORB MALE SOLID SAE
MASCHIO STANDARD ORB SAE

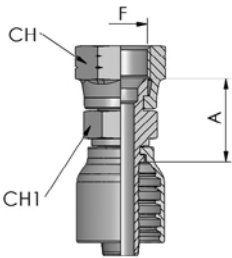
UBMSAEGG**152**

STANDARD ORB MALE SWIVEL SAE
MASCHIO GIREVOLE STANDARD ORB SAE

UBMNPTGG**153**

SWIVEL MALE 30° CONE STRAIGHT
MASCHIO GIREVOLE CONO 30°

index**1b****94****153**



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBFJDE

DKJ - JIC FEMALE DOUBLE HEXAGON, 37° CONE
 DKJ - FEMMINA DOPPIO ESAGONO, CONO 37°

Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

Notes

FOR HOSE:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

CRIMPED NUT

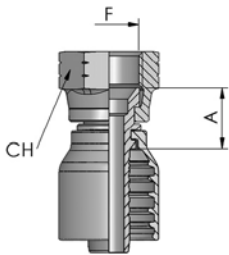
Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
UBFJDE0604	7/16-20	1/4	6	15	12	21
UBFJDE0804	1/2-20	1/4	6	17	14	21
UBFJDE1004	9/16-18	1/4	6	19	14	22.5
UBFJDE1006	9/16-18	3/8	10	19	14	20.5
UBFJDE1106	5/8-18	3/8	10	22	19	23.9
UBFJDE1204	3/4-16	1/4	6	24	19	24.5
UBFJDE1206	3/4-16	3/8	10	24	19	25
UBFJDE1208	3/4-16	1/2	12	24	19	23
UBFJDE1606	7/8-14	3/8	10	27	22	28.2
UBFJDE1608	7/8-14	1/2	12	27	22	29
UBFJDE1610	7/8-14	5/8	16	27	22	26.3
UBFJDE1612	7/8-14	3/4	19	27	27	31.3
UBFJDE2008	1"1/16-12	1/2	12	32	27	33.1
UBFJDE2010	1"1/16-12	5/8	16	32	27	33.1
UBFJDE2012	1"1/16-12	3/4	19	32	27	34
UBFJDE2212	1"3/16-12	3/4	19	36	30	34.5
UBFJDE2516	1"5/16-12	1"	25	41	32	37.3



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBFJ

DKJ - JIC FEMALE, 37° CONE
 DKJ - FEMMINA JIC, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514

Notes

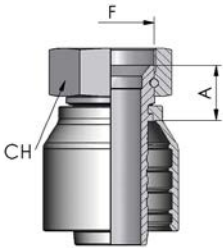
FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

CRIMPED NUT
 *FJ1106 45° CONE

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 8571/2SC
 1/2SNK PREMIUM
 DADO PINZATO
 *FJ1106 CONO 45°

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
UBFJ0604	7/16-20	1/4	6	15	15
UBFJ0804	1/2-20	1/4	6	17	14.5
UBFJ1004	9/16-18	1/4	6	19	15.9
UBFJ1006	9/16-18	3/8	10	19	16
UBFJ1106*	5/8-18	3/8	10	22	16.9
UBFJ1204	3/4-16	1/4	6	24	17
UBFJ1206	3/4-16	3/8	10	24	16.1
UBFJ1208	3/4-16	1/2	12	24	16.7
UBFJ1606	7/8-14	3/8	10	27	18.2
UBFJ1608	7/8-14	1/2	12	27	18.8
UBFJ1610	7/8-14	5/8	16	27	18.8
UBFJ1612	7/8-14	3/4	19	27	22.3
UBFJ2008	1"1/16-12	1/2	12	32	24.1
UBFJ2010	1"1/16-12	5/8	16	32	21.6
UBFJ2012	1"1/16-12	3/4	19	32	22.6
UBFJ2212	1"3/16-12	3/4	19	36	22.1
UBFJ2512	1"5/16-12	3/4	19	41	24.3
UBFJ2516	1"5/16-12	1"	25	41	24.8



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBPFJ

DKJ - JIC FEMALE THRUST WIRE NUT, 37° CONE
 DKJ - FEMMINA JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

Notes

FOR HOSE:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

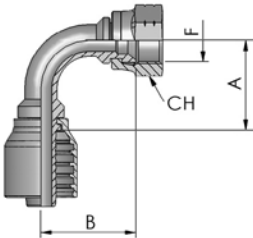
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
UBPFJ2010	1"1/16-12	5/8	16	32	21.5
UBPFJ2012	1"1/16-12	3/4	19	32	22.5
UBPFJ2516	1"5/16-12	1"	25	41	23.5
UBPFJ3416	1"5/8-12	1"	25	50	26.7
UBPFJ3420	1"5/8-12	1"1/4	32	50	28.1
UBPFJ4020	1"7/8-12	1"1/4	32	55	28.5
UBPFJ4024	1"7/8-12	1"1/2	38	55	28.5
UBPFJ5032	2"1/2-12	2"	51	70	28.5

ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBC90J

DKJ 90° - JIC FEMALE 90°, 37° CONE
 DKJ 90° - FEMMINA 90° JIC, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514



Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

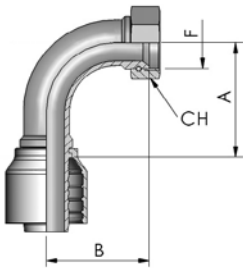
CRIMPED NUT
 *C90J1106 45° CONE

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO
 *C90J1106 CONO 45°

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC90J0604	7/16-20	1/4	6	15	23	27
UBC90J0804	1/2-20	1/4	6	17	23	26
UBC90J1004	9/16-18	1/4	6	19	23	29
UBC90J1006	9/16-18	3/8	10	19	35	33
UBC90J1106*	5/8-18	3/8	10	22	35	34
UBC90J1206	3/4-16	3/8	10	24	35	34
UBC90J1208	3/4-16	1/2	12	24	39	39
UBC90J1606	7/8-14	3/8	10	27	35	37
UBC90J1608	7/8-14	1/2	12	27	39	41
UBC90J1610	7/8-14	5/8	16	27	48	45
UBC90J1612	7/8-14	3/4	19	27	50	52
UBC90J2008	1"1/16-12	1/2	12	32	39	48
UBC90J2010	1"1/16-12	5/8	16	32	48	51
UBC90J2012	1"1/16-12	3/4	19	32	50	51
UBC90J2212	1"3/16-12	3/4	19	36	58	64
UBC90J2512	1"5/16-12	3/4	19	41	50	55
UBC90J2516	1"5/16-12	1"	25	41	72	67



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBPC90J

DKJ 90° - JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
 DKJ 90° - FEMMINA 90° JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

Notes

FOR HOSE:

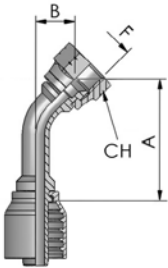
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
UBPC90J2010*	1"1/16-12	5/8	16	32	47	50
UBPC90J2012	1"1/16-12	3/4	19	32	50	50
UBPC90J2516	1"5/16-12	1"	25	41	72	64
UBPC90J3416	1"5/8-12	1"	25	50	72	71
UBPC90J3420	1"5/8-12	1"1/4	32	50	88	77
UBPC90J4020*	1"7/8-12	1"1/4	32	55	100	100
UBPC90J4024	1"7/8-12	1"1/2	38	55	99	89
UBPC90J5032	2"1/2-12	2"	51	70	127	121



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBC45J

DKJ 45° - JIC FEMALE 45°, 37° CONE
 DKJ 45° - FEMMINA 45° JIC, CONO 37°

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J514

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

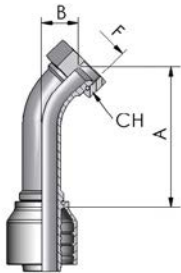
CRIMPED NUT

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC45J0604	7/16-20	1/4	6	15	39	14
UBC45J0804	1/2-20	1/4	6	17	39	13
UBC45J1004	9/16-18	1/4	6	19	40	15
UBC45J1006	9/16-18	3/8	10	19	54	16
UBC45J1206	3/4-16	3/8	10	24	55	17
UBC45J1208	3/4-16	1/2	12	24	62	19
UBC45J1606	7/8-14	3/8	10	27	58	20
UBC45J1608	7/8-14	1/2	12	27	64	21
UBC45J1610	7/8-14	5/8	16	27	74	21
UBC45J2010	1"1/16-12	5/8	16	32	78	26
UBC45J2012	1"1/16-12	3/4	19	32	81	25
UBC45J2512	1"5/16-12	3/4	19	41	84	28
UBC45J2516	1"5/16-12	1"	25	41	111	31



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBPC45J

DKJ 45° - JIC FEMALE 45° THRUST WIRE NUT, 37° CONE
 DKJ 45° - FEMMINA 45° JIC DADO SPINATO, CONO 37°

Thread - *Filetto*: UNF-UN

Norme - *Norma*: SAE J514

Notes

FOR HOSE:

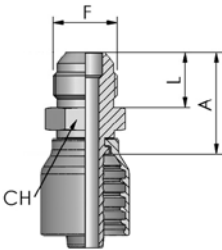
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
UBPC45J2010	1"1/16-12	5/8	16	32	80	25
UBPC45J2012	1"1/16-12	3/4	19	32	80	25
UBPC45J2516	1"5/16-12	1"	25	41	108	29
UBPC45J3420	1"5/8-12	1"1/4	32	50	132	35
UBPC45J4020	1"7/8-12	1"1/4	32	55	108	40
UBPC45J4024	1"7/8-12	1"1/2	38	55	149	38
UBPC45J5032	2"1/2-12	2"	51	70	142	54



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

UBMJ

AGJ - JIC MALE, 37° CONE
 AGJ - MASCHIO JIC, CONO 37°

Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

Notes

FOR HOSE:

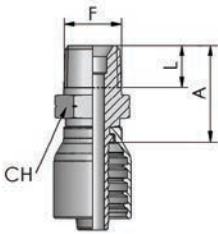
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMJ0604	7/16-20	1/4	6	12	26.5	14
UBMJ0804	1/2-20	1/4	6	15	26.5	14
UBMJ1004	9/16-18	1/4	6	15	27.4	14.1
UBMJ1006	9/16-18	3/8	10	17	27.5	14.1
UBMJ1106	5/8-18	3/8	10	17	29.9	16
UBMJ1204*	3/4-16	1/4	6	19	30	16.7
UBMJ1206	3/4-16	3/8	10	19	30.6	16.7
UBMJ1208	3/4-16	1/2	12	19	31.2	16.7
UBMJ1606	7/8-14	3/8	10	24	35.3	19.3
UBMJ1608	7/8-14	1/2	12	24	35.3	19.3
UBMJ1610	7/8-14	5/8	16	24	35.3	19.3
UBMJ2008	1"1/16-12	1/2	12	27	39.7	21.9
UBMJ2010	1"1/16-12	5/8	16	27	39.7	21.9
UBMJ2012	1"1/16-12	3/4	19	27	40.7	21.9
UBMJ2512	1"5/16-12	3/4	19	34	41.9	23.1
UBMJ2516	1"5/16-12	1"	25	34	42.9	23.1
UBMJ3416	1"5/8-12	1"	25	42	46.1	24.3
UBMJ3420	1"5/8-12	1"1/4	32	42	47.5	24.3
UBMJ4024	1"7/8-12	1"1/2	38	50	53	27.5
UBMJ5032	2"1/2-12	2"	51	65	63.2	33.9



ONE PIECE WIRE BRAIDED HOSES NPT FITTINGS
 INSERTI NPT ONE PIECE TUBI TRECCIATI

UBMNPT

AGN - NPTF MALE
 AGN - MASCHIO NPTF

Thread - *Filetto*: NPTF
 Norme - *Norma*:

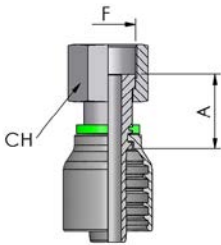
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMNPT0204	1/8-27	1/4	6	12	21.9	9.7
UBMNPT0404	1/4-18	1/4	6	15	27.1	14.2
UBMNPT0406	1/4-18	3/8	10	15	27.7	14.2
UBMNPT0604	3/8-18	1/4	6	19	28.2	14.2
UBMNPT0606	3/8-18	3/8	10	19	28.7	14.2
UBMNPT0608	3/8-18	1/2	12	19	29.3	14.2
UBMNPT0806	1/2-14	3/8	10	22	34.5	19
UBMNPT0808	1/2-14	1/2	12	22	35.1	19
UBMNPT1208	3/4-14	1/2	12	27	36.1	19
UBMNPT1210	3/4-14	5/8	16	27	36.1	19
UBMNPT1212	3/4-14	3/4	19	27	37.1	19
UBMNPT1616	1"-11,5	1"	25	36	44	23.9
UBMNPT2016	1"1/4-11,5	1"	25	46	48.2	24.6
UBMNPT2020	1"1/4-11,5	1"1/4	32	46	49.6	24.6
UBMNPT2424	1"1/2-11,5	1"1/2	38	50	50.9	25.4
UBMNPT3232	2"-11,5	2"	51	65	53.2	26.2



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

UBFORFS

DKO - ORFS FEMALE
 DKO - FEMMINA ORFS

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J1453

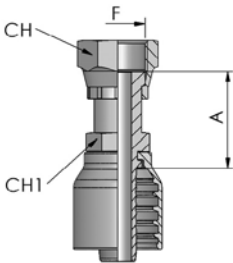
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
UBFORFS1004	9/16-18	1/4	6	17	20.5
UBFORFS1104	11/16-16	1/4	6	22	21.9
UBFORFS1106	11/16-16	3/8	10	22	22
UBFORFS1306	13/16-16	3/8	10	24	25
UBFORFS1308	13/16-16	1/2	12	24	25.6
UBFORFS1808	1"-14	1/2	12	30	29.9
UBFORFS1810	1"-14	5/8	16	30	29.9
UBFORFS2208	1"3/16-12	1/2	12	36	32.1
UBFORFS2210	1"3/16-12	5/8	16	36	32.1
UBFORFS2212	1"3/16-12	3/4	19	36	33
UBFORFS2612	1"7/16-12	3/4	19	41	33.6
UBFORFS2616	1"7/16-12	1"	25	41	34.1
UBFORFS3620	1"11/16-12	1"1/4	32	50	35.5
UBFORFS4624	2"-12	1"1/2	38	60	37



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

UBFORFSDE

DKO - ORFS FEMALE DOUBLE HEXAGON
 DKO - FEMMINA DOPPIO ESAGONO ORFS

Thread - *Filetto*: UNF-UN

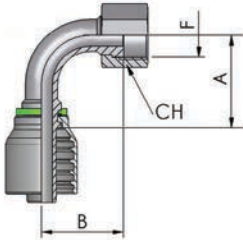
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici DN (mm)	CH	CH1	A
UBFORFSDE1004	9/16-18	1/4	6	17	14	28
UBFORFSDE1104	11/16-16	1/4	6	22	17	30.8
UBFORFSDE1106	11/16-16	3/8	10	22	17	32
UBFORFSDE1108	11/16-16	1/2	12	22	19	32.5
UBFORFSDE1306	13/16-16	3/8	10	24	19	35.3
UBFORFSDE1308	13/16-16	1/2	12	24	19	33.4
UBFORFSDE1808	1"-14	1/2	12	30	24	39.6
UBFORFSDE1810	1"-14	5/8	16	30	24	39.6
UBFORFSDE1812	1"-14	3/4	19	30	27	40.5
UBFORFSDE2212	1"3/16-12	3/4	19	36	27	43
UBFORFSDE2616	1"7/16-12	1"	25	41	36	46.1
UBFORFSDE3620	1"11/16-12	1"1/4	32	50	41	48
UBFORFSDE4624	2"-12	1"1/2	38	60	50	49.6



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

UBC90ORFS

DKO 90° - ORFS FEMALE 90°
 DKO 90° - FEMMINA 90° ORFS

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J1453

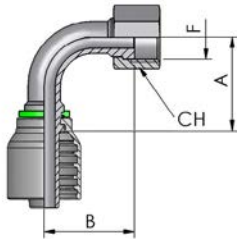
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC90ORFS1004	9/16-18	1/4	6	17	33	24
UBC90ORFS1104	11/16-16	1/4	6	22	33	26
UBC90ORFS1106	11/16-16	3/8	10	22	38	29
UBC90ORFS1306	13/16-16	3/8	10	24	38	32
UBC90ORFS1308	13/16-16	1/2	12	24	40	36
UBC90ORFS1808	1"-14	1/2	12	30	40	41
UBC90ORFS1810	1"-14	5/8	16	30	46	47
UBC90ORFS2208	1"3/16-12	1/2	12	36	40	43
UBC90ORFS2210	1"3/16-12	5/8	16	36	46	46
UBC90ORFS2212	1"3/16-12	3/4	19	36	52	46
UBC90ORFS2612	1"7/16-12	3/4	19	41	52	52
UBC90ORFS2616	1"7/16-12	1"	25	41	72	63
UBC90ORFS3620	1"11/16-12	1"1/4	32	50	88	73
UBC90ORFS4624	2"-12	1"1/2	38	60	105	84



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

UBCM90ORFS

DKO 90° - ORFS MEDIUM FEMALE 90°
 DKO 90° - FEMMINA 90° ORFS MEDIA

Thread - Filetto: UNF-UN

Norme - Norma: SAE J1454 - SAE J516

Notes

FOR HOSE:

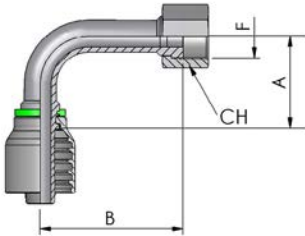
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
UBCM90ORFS1004	9/16-18	1/4	6	17	32.9	38
UBCM90ORFS1106	11/16-16	3/8	10	22	37.5	38
UBCM90ORFS1306	13/16-16	3/8	10	24	37.5	41
UBCM90ORFS1308	13/16-16	1/2	12	24	40.05	41
UBCM90ORFS1808	1"-14	1/2	12	30	40.05	47
UBCM90ORFS1810	1"-14	5/8	16	30	46.05	47
UBCM90ORFS2210	1"3/16-12	5/8	16	36	46.05	58
UBCM90ORFS2212	1"3/16-12	3/4	19	36	50	58
UBCM90ORFS2616	1"7/16-12	1"	25	41	71.6	71

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

UBCL90ORFS

DKO 90° - ORFS LONG FEMALE 90°
 DKO 90° - FEMMINA 90° ORFS LUNGA

Thread - Filetto: UNF-UN

Norme - Norma: SAE J1454 - SAE J516

Notes

FOR HOSE:

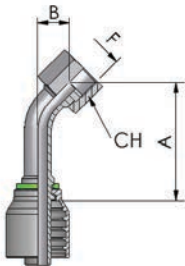
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
UBCL90ORFS1004	9/16-18	1/4	6	17	32.85	46
UBCL90ORFS1106	11/16-16	3/8	10	22	37.5	54
UBCL90ORFS1306	13/16-16	3/8	10	24	37.5	64
UBCL90ORFS1308	13/16-16	1/2	12	24	40.05	64
UBCL90ORFS1808	1"-14	1/2	12	30	42.4	66
UBCL90ORFS1810	1"-14	5/8	16	30	46.05	70
UBCL90ORFS2210	1"3/16-12	5/8	16	36	46.05	96
UBCL90ORFS2212	1"3/16-12	3/4	19	36	52.2	96
UBCL90ORFS2616	1"7/16-12	1"	25	41	71.6	114

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

UBC45ORFS

DKO 45° - ORFS FEMALE 45°
 DKO 45° - FEMMINA 45° ORFS

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J1453

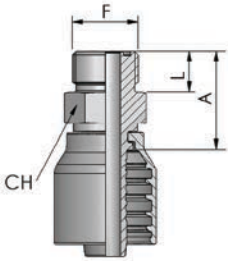
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC45ORFS1004	9/16-18	1/4	6	17	47	12
UBC45ORFS1104	11/16-16	1/4	6	22	48	13
UBC45ORFS1106	11/16-16	3/8	10	22	54	14
UBC45ORFS1306	13/16-16	3/8	10	24	56	16
UBC45ORFS1308	13/16-16	1/2	12	24	61	17
UBC45ORFS1808	1"-14	1/2	12	30	64	20
UBC45ORFS1810	1"-14	5/8	16	30	71	20
UBC45ORFS1812	1"-14	3/4	19	30	85	35
UBC45ORFS2208	1"3/16-12	1/2	12	36	66	22
UBC45ORFS2210	1"3/16-12	5/8	16	36	73	22
UBC45ORFS2212	1"3/16-12	3/4	19	36	78	21
UBC45ORFS2612	1"7/16-12	3/4	19	41	82	26
UBC45ORFS2616	1"7/16-12	1"	25	41	108	29
UBC45ORFS3620	1"11/16-12	1"1/4	32	50	129	32
UBC45ORFS4624	2"-12	1"1/2	38	60	151	35



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

UBMORFS

AGO - ORFS MALE
 AGO - MASCHIO ORFS

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J1453

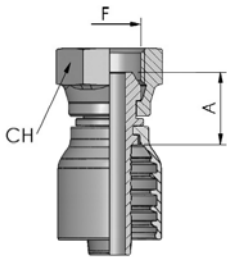
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMORFS1004	9/16-18	1/4	6	17	24.6	9.8
UBMORFS1104	11/16-16	1/4	6	19	26.8	11.2
UBMORFS1106	11/16-16	3/8	10	19	27.4	11.2
UBMORFS1306	13/16-16	3/8	10	22	30.1	12.8
UBMORFS1308	13/16-16	1/2	12	22	30.7	12.8
UBMORFS1808	1"-14	1/2	12	27	35.2	15.5
UBMORFS1810	1"-14	5/8	16	27	35.2	15.5
UBMORFS1812	1"-14	3/4	19	27	36.2	15.5
UBMORFS2208	1"3/16-12	1/2	12	32	38.2	17
UBMORFS2210	1"3/16-12	5/8	16	32	38.2	17
UBMORFS2212	1"3/16-12	3/4	19	32	39.2	17
UBMORFS2612	1"7/16-12	3/4	19	38	40.9	17.5
UBMORFS2616	1"7/16-12	1"	25	38	41.9	17.5
UBMORFS3620	1"11/16-12	1"1/4	32	46	45.3	17.5
UBMORFS4624	2"-12	1"1/2	38	55	47.6	17.5



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBFG

DKR - BSP FEMALE, 60° CONE
 DKR - FEMMINA BSP, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200

Notes

FOR HOSE:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

CRIMPED NUT

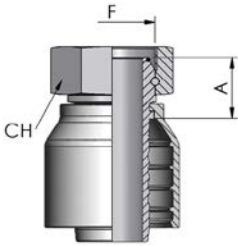
Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFG0204	1/8-28	1/4	6	14	15.9
UBFG0404	1/4-19	1/4	6	19	17.6
UBFG0406	1/4-19	3/8	10	19	17.7
UBFG0604	3/8-19	1/4	6	22	18.7
UBFG0606	3/8-19	3/8	10	22	18.8
UBFG0608	3/8-19	1/2	12	22	19.4
UBFG0804	1/2-14	1/4	6	27	22.5
UBFG0806	1/2-14	3/8	10	27	20.6
UBFG0808	1/2-14	1/2	12	27	21.2
UBFG0810	1/2-14	5/8	16	27	21.2
UBFG0812	1/2-14	3/4	19	27	24
UBFG1008	5/8-14	1/2	12	30	21.3
UBFG1010	5/8-14	5/8	16	30	21.3
UBFG1208	3/4-14	1/2	12	32	25.3
UBFG1210	3/4-14	5/8	16	32	22.8
UBFG1212	3/4-14	3/4	19	32	22.8
UBFG1216	3/4-14	1"	25	32	27.5
UBFG1612	1"-11	3/4	19	38	24.5
UBFG1616	1"-11	1"	25	38	25



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBPFG

DKR - BSP FEMALE THRUST WIRE NUT O-RING, 60° CONE
 DKR - FEMMINA BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200

Notes

FOR HOSE:

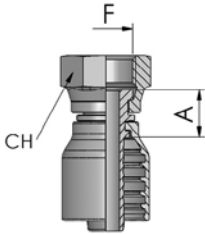
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
UBPFG1212	3/4-14	3/4	19	32	27
UBPFG1616	1"-11	1"	25	38	31
UBPFG2016	1"1/4-11	1"	25	50	32.6
UBPFG2020	1"1/4-11	1"1/4	32	50	31
UBPFG2420	1"1/2-11	1"1/4	32	55	32.7
UBPFG2424	1"1/2-11	1"1/2	38	55	32.7
UBPFG3224	2"-11	1"1/2	38	70	29.8
UBPFG3232	2"-11	2"	51	70	29.8



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBFSPG

DKR F - BSP FEMALE FLAT FACE
 DKRF - FEMMINA BSP, SEDE PIANA

Thread -Filetto: BSP

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

CRIMPED NUT

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		F	Inch/Pollici	DN (mm)	CH
UBFSPG0404	1/4-19	1/4	6	19	14.4
UBFSPG0604	3/8-19	1/4	6	22	16
UBFSPG0606	3/8-19	3/8	10	22	14.9
UBFSPG0806	1/2-14	3/8	10	27	15.7
UBFSPG0808	1/2-14	1/2	12	27	16.3
UBFSPG1208	3/4-14	1/2	12	32	21
UBFSPG1210	3/4-14	5/8	16	32	18.5
UBFSPG1212	3/4-14	3/4	19	32	19.5
UBFSPG1616	1"-11	1"	25	38	21.2

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO

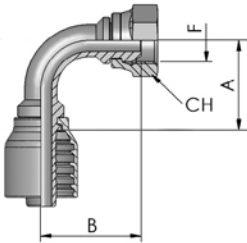
ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBC90G

DKR 90° - BSP FEMALE 90°, 60° CONE
 DKR 90° - FEMMINA 90° BSP, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200



Notes

FOR HOSE:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

CRIMPED NUT

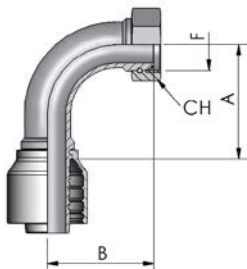
Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC90G0204	1/8-28	1/4	6	15	23	26
UBC90G0404	1/4-19	1/4	6	19	23	29
UBC90G0406	1/4-19	3/8	10	19	35	33
UBC90G0604	3/8-19	1/4	6	22	23	33
UBC90G0606	3/8-19	3/8	10	22	35	36
UBC90G0608	3/8-19	1/2	12	22	39	40
UBC90G0806	1/2-14	3/8	10	27	35	40
UBC90G0808	1/2-14	1/2	12	27	39	44
UBC90G0810	1/2-14	5/8	16	27	48	47
UBC90G1008	5/8-14	1/2	12	30	39	47
UBC90G1010	5/8-14	5/8	16	30	48	50
UBC90G1208	3/4-14	1/2	12	32	39	49
UBC90G1210	3/4-14	5/8	16	32	48	52
UBC90G1212	3/4-14	3/4	19	32	50	52
UBC90G1612	1"-11	3/4	19	38	50	56
UBC90G1616	1"-11	1"	25	38	72	67



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBPC90G

DKR 90° - BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE
 DKR 90° - FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200

Notes

FOR HOSE:

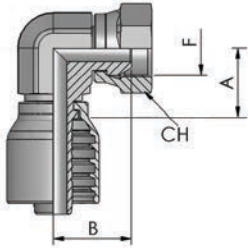
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
UBPC90G1212	3/4-14	3/4	19	32	54	56
UBPC90G1616	1"-11	1"	25	38	70	72
UBPC90G2016	1"1/4-11	1"	25	50	72	74
UBPC90G2020	1"1/4-11	1"1/4	32	50	88	80
UBPC90G2420	1"1/2-11	1"1/4	32	55	88	84
UBPC90G2424	1"1/2-11	1"1/2	38	55	108	101
UBPC90G3224	2"-11	1"1/2	38	70	99	97
UBPC90G3232	2"-11	2"	51	70	127	122



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBC90COMPG

DKR 90° K - BSP FEMALE 90° COMPACT, 60° CONE
 DKR 90° K - FEMMINA 90° COMPATTA BSP, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200

Notes

FOR HOSE:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

CRIMPED NUT

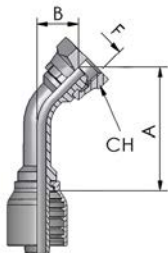
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
UBC90COMPG0404	1/4-19	1/4	6	19	21	23
UBC90COMPG0606	3/8-19	3/8	10	22	22	24
UBC90COMPG0808	1/2-14	1/2	12	27	24	27
UBC90COMPG1212	3/4-14	3/4	19	32	32	35
UBC90COMPG1616	1"-11	1"	25	38	34	40

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBC45G

DKR 45° - BSP FEMALE 45°, 60° CONE
 DKR 45° - FEMMINA 45° BSP, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200

Notes

FOR HOSE:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

CRIMPED NUT

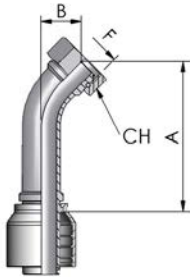
Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC45G0204	1/8-28	1/4	6	15	38	13
UBC45G0404	1/4-19	1/4	6	19	41	16
UBC45G0406	1/4-19	3/8	10	19	55	17
UBC45G0604	3/8-19	1/4	6	22	43	18
UBC45G0606	3/8-19	3/8	10	22	57	18
UBC45G0608	3/8-19	1/2	12	22	62	19
UBC45G0806	1/2-14	3/8	10	27	60	21
UBC45G0808	1/2-14	1/2	12	27	65	22
UBC45G1008	5/8-14	1/2	12	30	68	25
UBC45G1010	5/8-14	5/8	16	30	77	25
UBC45G1208	3/4-14	1/2	12	32	69	26
UBC45G1210	3/4-14	5/8	16	32	79	27
UBC45G1212	3/4-14	3/4	19	32	82	26
UBC45G1612	1"-11	3/4	19	38	84	28
UBC45G1616	1"-11	1"	25	38	111	31



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBPC45G

DKR 45° - BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE
 DKR 45° - FEMMINA 45° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP

Norme - Norma: BS 5200

Notes

FOR HOSE:

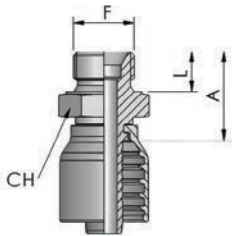
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
UBPC45G1212	3/4-14	3/4	19	32	82	30
UBPC45G1616	1"-11	1"	25	38	90	41
UBPC45G2016	1"1/4-11	1"	25	50	116	36
UBPC45G2020	1"1/4-11	1"1/4	32	50	134	37
UBPC45G2424	1"1/2-11	1"1/2	38	55	122	48
UBPC45G3224	2"-11	1"1/2	38	70	155	44
UBPC45G3232	2"-11	2"	51	70	143	55



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBMG

AGR - BSPP MALE, 60° CONE
 AGR - MASCHIO BSPP, CONO 60°

Thread - Filetto: BSPP
 Norme - Norma: BS 5200

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

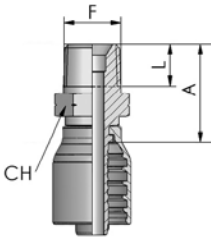
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMG0204	1/8-28	1/4	6	14	20.5	8
UBMG0404	1/4-19	1/4	6	19	25.5	12
UBMG0406	1/4-19	3/8	10	19	26.5	12
UBMG0604	3/8-19	1/4	6	22	26.6	12
UBMG0606	3/8-19	3/8	10	22	27.2	12
UBMG0608	3/8-19	1/2	12	22	27.8	12
UBMG0804	1/2-14	1/4	6	27	29.7	14
UBMG0806	1/2-14	3/8	10	27	30.3	14
UBMG0808	1/2-14	1/2	12	27	30.9	14
UBMG0810	1/2-14	5/8	16	27	30.9	14
UBMG1008	5/8-14	1/2	12	28	34.2	16
UBMG1010	5/8-14	5/8	16	28	34.2	16
UBMG1208	3/4-14	1/2	12	32	34.3	16
UBMG1210	3/4-14	5/8	16	32	34.3	16
UBMG1212	3/4-14	3/4	19	32	35	16
UBMG1612	1"-11	3/4	19	41	37.1	18
UBMG1616	1"-11	1"	25	41	38.1	18
UBMG2016	1"1/4-11	1"	25	50	46.1	20
UBMG2020	1"1/4-11	1"1/4	32	50	47.5	20
UBMG2420*	1"1/2-11	1"1/4	32	55	50.5	22
UBMG2424	1"1/2-11	1"1/2	38	55	51	22
UBMG3232	2"-11	2"	51	70	54	24

ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBMC

AGR K - BSPT MALE, 60° CONE
 AGR K - MASCHIO BSPT, CONO 60°

Thread -Filetto: BSPT



Notes

FOR HOSE:

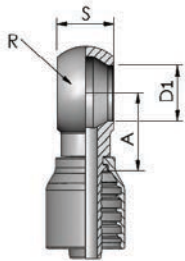
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMC0204	1/8-28	1/4	6	12	22.2	10
UBMC0404	1/4-19	1/4	6	15	27	14
UBMC0406	1/4-19	3/8	10	15	25	12.5
UBMC0604	3/8-19	1/4	6	19	28.5	15
UBMC0606	3/8-19	3/8	10	19	29	14.5
UBMC0806	1/2-14	3/8	10	22	34.5	19
UBMC0808	1/2-14	1/2	12	22	35.1	19
UBMC1212	3/4-14	3/4	19	27	37.1	19
UBMC1612	1"-11	3/4	19	36	43.1	24
UBMC1616	1"-11	1"	25	36	44.1	24
UBMC2020	1"1/4-11	1"1/4	32	46	49.5	24.5
UBMC2424	1"1/2-11	1"1/2	38	50	51	25
UBMC3232	2"-11	2"	51	65	53	26



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

UBOG

RNR - BSP BANJO
 RNR - OCCHIO BSP

Thread -Filetto: BSP

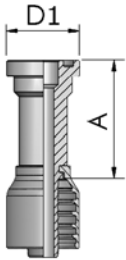
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
	Inch/Pollici	DN (mm)	A	R	D1	S
UBOG0204	1/4	6	24.8	8.5	1/8	10
UBOG0404	1/4	6	23.3	12	1/4	14
UBOG0406	3/8	10	23.4	12	1/4	14
UBOG0604	1/4	6	26.8	14	3/8	17
UBOG0606	3/8	10	26.9	14	3/8	17
UBOG0608	1/2	12	27.5	14	3/8	17
UBOG0806	3/8	10	29	18	1/2	23
UBOG0808	1/2	12	29.6	18	1/2	23
UBOG1206	3/8	10	46	23	3/4	29
UBOG1208	1/2	12	39	22.5	3/4	29.5
UBOG1210	5/8	16	39	22.5	3/4	29.5
UBOG1212	3/4	19	40	22.5	3/4	29.5
UBOG1612	3/4	19	46.6	29	1"	38
UBOG1616	1"	25	47	29	1"	38



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPI3

SFL - SAE FLANGE 3000 PSI
 SFL - FLANGIA SAE 3000 PSI

Norme - Norma: SAE J518

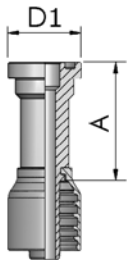
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
UBFLPI30808	1/2	1/2	12	30.2	48.8
UBFLPI31208	3/4	1/2	12	38.1	52.8
UBFLPI31210	3/4	5/8	16	38.1	50.8
UBFLPI31212	3/4	3/4	19	38.1	54.6
UBFLPI31612	1"	3/4	19	44.5	60.6
UBFLPI31616	1"	1"	25	44.5	60.8
UBFLPI32016	1"1/4	1"	25	50.8	65.3
UBFLPI32020	1"1/4	1"1/4	32	50.8	65.8
UBFLPI32420	1"1/2	1"1/4	32	60.4	71.3
UBFLPI32424	1"1/2	1"1/2	38	60.4	70.9
UBFLPI33232	2"	2"	51	71.4	77.5



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPI6

SFS - SAE FLANGE 6000 PSI
 SFS - FLANGIA SAE 6000 PSI

Norme - Norma: SAE J518

Notes

FOR HOSE:

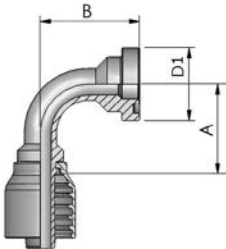
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
UBFLPI60808	1/2	1/2	12	31.7	48.8
UBFLPI61208	3/4	1/2	12	41.3	56.8
UBFLPI61210	3/4	5/8	16	41.3	54.8
UBFLPI61212	3/4	3/4	19	41.3	58.6
UBFLPI61612	1"	3/4	19	47.6	64.6
UBFLPI61616	1"	1"	25	47.6	66.1
UBFLPI62016	1"1/4	1"	25	54	71.1
UBFLPI62020	1"1/4	1"1/4	32	54	72.3
UBFLPI62420	1"1/2	1"1/4	32	63.5	81.8
UBFLPI62424	1"1/2	1"1/2	38	63.5	81.4
UBFLPI63232	2"	2"	51	79.4	100.5



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPI390

SFL 90° - SAE FLANGE 90° 3000 PSI
 SFL 90° - FLANGIA 90° SAE 3000 PSI

Norme - Norma: SAE J518

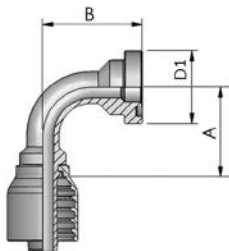
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI3900806	1/2	3/8	10	30.2	34	37
UBFLPI3900808	1/2	1/2	12	30.2	39	42
UBFLPI3901208	3/4	1/2	12	38.1	39	47
UBFLPI3901210	3/4	5/8	16	38.1	48	50
UBFLPI3901212	3/4	3/4	19	38.1	50	50
UBFLPI3901612	1"	3/4	19	44.5	50	53
UBFLPI3901616	1"	1"	25	44.5	72	70
UBFLPI3902016	1"1/4	1"	25	50.8	72	67
UBFLPI3902020	1"1/4	1"1/4	32	50.8	88	73
UBFLPI3902420	1"1/2	1"1/4	32	60.4	88	78
UBFLPI3902424	1"1/2	1"1/2	38	60.4	108	88
UBFLPI3903232	2"	2"	51	71.5	126	130



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPI690

SFS 90° - SAE FLANGE 90° 6000 PSI
 SFS 90° - FLANGIA 90° SAE 6000 PSI

Norme - Norma: SAE J518

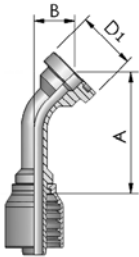
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI6900808	1/2	1/2	12	31.7	39	43
UBFLPI6901208	3/4	1/2	12	41.3	39	51
UBFLPI6901210	3/4	5/8	16	41.3	48	54
UBFLPI6901212	3/4	3/4	19	41.3	50	54
UBFLPI6901612	1"	3/4	19	47.6	50	60
UBFLPI6901616	1"	1"	25	47.6	72	71
UBFLPI6902016	1"1/4	1"	25	54	72	78
UBFLPI6902020	1"1/4	1"1/4	32	54	88	84
UBFLPI6902420	1"1/2	1"1/4	32	63.5	88	93
UBFLPI6902424	1"1/2	1"1/2	38	63.5	99	101
UBFLPI6903224	2"	1"1/2	38	79.4	105	109
UBFLPI6903232	2"	2"	51	79.4	127	133



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPI345

SFL 45° - SAE FLANGE 45° 3000 PSI

SFL 45° - FLANGIA 45° SAE 3000 PSI

Norme - Norma: SAE J518

Notes

FOR HOSE:

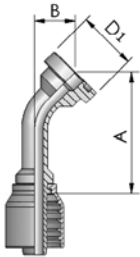
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI3450808	1/2	1/2	12	30.2	64	21
UBFLPI3451208	3/4	1/2	12	38.1	68	25
UBFLPI3451210	3/4	5/8	16	38.1	78	25
UBFLPI3451212	3/4	3/4	19	38.1	80	24
UBFLPI3451612	1"	3/4	19	44.5	82	27
UBFLPI3451616	1"	1"	25	44.5	113	34
UBFLPI3452016	1"1/4	1"	25	50.8	111	31
UBFLPI3452020	1"1/4	1"1/4	32	50.8	129	32
UBFLPI3452420	1"1/2	1"1/4	32	60.4	133	36
UBFLPI3452424	1"1/2	1"1/2	38	60.4	116	41
UBFLPI3453232	2"	2"	51	71.4	148	60



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPI645

SFS 45° - SAE FLANGE 45° 6000 PSI
 SFS 45° - FLANGIA 45° SAE 6000 PSI

Norme - Norma: SAE J518

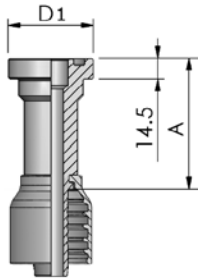
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI6450808	1/2	1/2	12	31.7	65	22
UBFLPI6451208	3/4	1/2	12	41.3	71	28
UBFLPI6451210	3/4	5/8	16	41.3	81	28
UBFLPI6451212	3/4	3/4	19	41.3	83	27
UBFLPI6451612	1"	3/4	19	47.6	87	31
UBFLPI6451616	1"	1"	25	47.6	114	34
UBFLPI6452016	1"1/4	1"	25	54	119	39
UBFLPI6452020	1"1/4	1"1/4	32	54	137	40
UBFLPI6452420	1"1/2	1"1/4	32	63.5	143	46
UBFLPI6452424	1"1/2	1"1/2	38	63.5	158	46
UBFLPI6453232	2"	2"	51	79.4	203	59



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPIR6

SFC - SUPERCAT FLANGE
 SFC - FLANGIA SUPERCAT

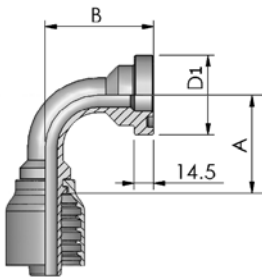
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
UBFLPIR61212	3/4	3/4	19	41.3	65.8
UBFLPIR61612	1"	3/4	19	47.6	69.6
UBFLPIR61616	1"	1"	25	47.6	71.1
UBFLPIR62016	1"1/4	1"	25	54	75
UBFLPIR62020	1"1/4	1"1/4	32	54	76.5



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPIR690

SFC 90° - SUPERCAT FLANGE 90°
 SFC 90° - FLANGIA 90° SUPERCAT

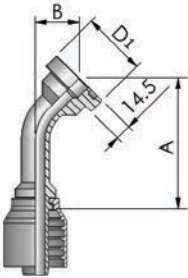
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPIR6901212	3/4	3/4	19	41.3	50	60
UBFLPIR6901612	1"	3/4	19	47.6	50	65
UBFLPIR6901616	1"	1"	25	47.6	72	76
UBFLPIR6902016	1"1/4	1"	25	54	72	82
UBFLPIR6902020	1"1/4	1"1/4	32	54	88	88



ONE PIECE WIRE BRAIDED HOSES FLANGES
 FLANGE ONE PIECE TUBI TRECCIATI

UBFLPIR645

SFC 45° - SUPERCAT FLANGE 45°
 SFC 45° - FLANGIA 45° SUPERCAT

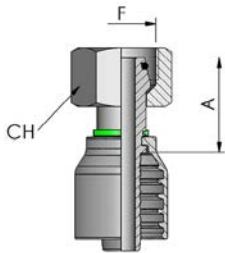
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPIR6451212	3/4	3/4	19	41.3	87	31
UBFLPIR6451612	1"	3/4	19	47.6	91	35
UBFLPIR6451616	1"	1"	25	47.6	117	38
UBFLPIR6452016	1"1/4	1"	25	54	122	42
UBFLPIR6452020	1"1/4	1"1/4	32	54	140	43



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBFEL

DKOL - METRIC O-RING FEMALE, 24° CONE, LIGHT
 DKOL - FEMMINA METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - *Filetto*: METRICO - METRIC
 Norme - *Norma*: DIN 3865

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

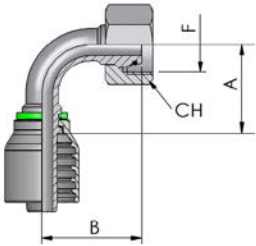
* CRIMPED NUT

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
UBFEL0604*	M12x1,5	1/4	6	6	14	26.5
UBFEL0804	M14x1,5	1/4	6	8	17	22.4
UBFEL1004	M16x1,5	1/4	6	10	19	24.6
UBFEL1006*	M16x1,5	3/8	10	10	19	28.5
UBFEL1204	M18x1,5	1/4	6	12	22	23.9
UBFEL1206	M18x1,5	3/8	10	12	22	24
UBFEL1506	M22x1,5	3/8	10	15	27	25.2
UBFEL1508	M22x1,5	1/2	12	15	27	25.8
UBFEL1808	M26x1,5	1/2	12	18	32	26.8
UBFEL1810	M26x1,5	5/8	16	18	32	26.8
UBFEL2210	M30x2	5/8	16	22	36	28.8
UBFEL2212	M30x2	3/4	19	22	36	29.8
UBFEL2816	M36x2	1"	25	28	41	31.3
UBFEL3520	M45x2	1"1/4	32	35	50	36.4
UBFEL4224	M52x2	1"1/2	38	42	60	38.4



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBC90EL

DKOL 90° - METRIC O-RING FEMALE 90°, 24° CONE, LIGHT
 DKOL 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRICO - METRIC
 Norme - Norma: DIN 3865

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

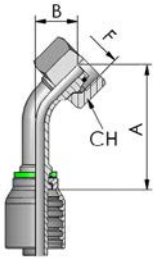
* CRIMPED NUT

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC90EL0604*	M12x1,5	1/4	6	6	14	23	38
UBC90EL0804	M14x1,5	1/4	6	8	17	29	35
UBC90EL1004	M16x1,5	1/4	6	10	19	29	37
UBC90EL1006*	M16x1,5	3/8	10	10	19	35	45
UBC90EL1204	M18x1,5	1/4	6	12	22	33	31
UBC90EL1206	M18x1,5	3/8	10	12	22	38	35
UBC90EL1506	M22x1,5	3/8	10	15	27	38	37
UBC90EL1508	M22x1,5	1/2	12	15	27	40	41
UBC90EL1808	M26x1,5	1/2	12	18	32	38	45
UBC90EL1810	M26x1,5	5/8	16	18	32	46	48
UBC90EL2212	M30x2	3/4	19	22	36	52	50
UBC90EL2816	M36x2	1"	25	28	41	72	65
UBC90EL3520	M45x2	1"1/4	32	35	50	98	77
UBC90EL4224	M52x2	1"1/2	38	42	60	105	96



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBC45EL

DKOL 45° - METRIC O-RING FEMALE 45°, 24° CONE, LIGHT
 DKOL 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRICO - METRIC
 Norme - Norma: DIN 3865

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

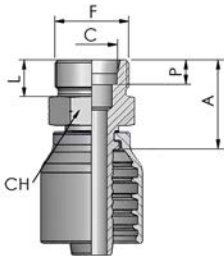
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Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC45EL0604*	M12x1,5	1/4	6	6	14	47	22
UBC45EL0804	M14x1,5	1/4	6	8	17	50	17
UBC45EL1004	M16x1,5	1/4	6	10	19	52	18
UBC45EL1006*	M16x1,5	3/8	10	10	19	63	25
UBC45EL1204	M18x1,5	1/4	6	12	22	52	17
UBC45EL1206	M18x1,5	3/8	10	12	22	58	18
UBC45EL1506	M22x1,5	3/8	10	15	27	60	19
UBC45EL1508	M22x1,5	1/2	12	15	27	65	21
UBC45EL1808	M26x1,5	1/2	12	18	32	65	23
UBC45EL1810	M26x1,5	5/8	16	18	32	74	23
UBC45EL2212	M30x2	3/4	19	22	36	80	24
UBC45EL2812	M36x2	3/4	19	28	41	102	35
UBC45EL2816	M36x2	1"	25	28	41	109	30
UBC45EL3520	M45x2	1"1/4	32	35	50	142	34
UBC45EL4224	M52x2	1"1/2	38	42	60	160	43



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBMEL

CEL - METRIC MALE, 24° CONE, LIGHT
 CEL - MASCHIO METRICO, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRICO - METRIC
 Norme - Norma: DIN 3861

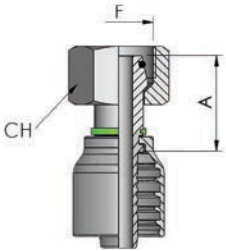
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
UBMEL0604	M12x1,5	1/4	6	6	12	20.9	7	10
UBMEL0804	M14x1,5	1/4	6	8	14	21.9	7	10
UBMEL1004	M16x1,5	1/4	6	10	17	22.9	7	11
UBMEL1006	M16x1,5	3/8	10	10	17	23.5	7	11
UBMEL1204	M18x1,5	1/4	6	12	19	23.9	7	11
UBMEL1206	M18x1,5	3/8	10	12	19	24.5	7	11
UBMEL1506	M22x1,5	3/8	10	15	22	25.5	7	12
UBMEL1508	M22x1,5	1/2	12	15	22	26.1	7	12
UBMEL1808	M26x1,5	1/2	12	18	27	27.1	7.5	12
UBMEL1810	M26x1,5	5/8	16	18	27	27.1	7.5	12
UBMEL2210	M30x2	5/8	16	22	30	29	7.5	14
UBMEL2212	M30x2	3/4	19	22	30	30.1	7.5	14
UBMEL2816	M36x2	1"	25	28	36	32.1	7.5	14
UBMEL3520	M45x2	1"1/4	32	35	46	36.5	10.5	16
UBMEL4224	M52x2	1"1/2	38	42	55	39	11	16



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBFES

DKOS - METRIC O-RING FEMALE, 24° CONE, HEAVY
 DKOS - FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRICO - METRIC
 Norme - *Norma*: DIN 3865

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

* CRIMPED NUT

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

* DADO PINZATO

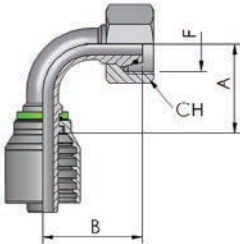
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
UBFES0604*	M14X1,5	1/4	6	6	17	26.5
UBFES0804	M16x1,5	1/4	6	8	19	22.4
UBFES1004	M18x1,5	1/4	6	10	22	24.6
UBFES1006*	M18x1,5	3/8	10	10	22	28.5
UBFES1204	M20x1,5	1/4	6	12	24	23.9
UBFES1206	M20x1,5	3/8	10	12	24	24
UBFES1406	M22x1,5	3/8	10	14	27	28.7
UBFES1608	M24x1,5	1/2	12	16	30	28.9
UBFES1610	M24x1,5	5/8	16	16	30	30
UBFES2010	M30x2	5/8	16	20	36	31.5
UBFES2012	M30x2	3/4	19	20	36	32.5
UBFES2512	M36x2	3/4	19	25	46	37.5
UBFES2516	M36x2	1"	25	25	46	36.9
UBFES3016	M42x2	1"	25	30	50	40.1
UBFES3020	M42x2	1"1/4	32	30	50	41
UBFES3820	M52x2	1"1/4	32	38	60	44.2

ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBC90ES

DKOS 90° - METRIC O-RING FEMALE 90°, 24° CONE, HEAVY
 DKOS 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRICO - METRIC
 Norme - Norma: DIN 3865



Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

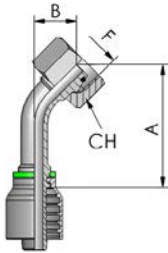
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Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC90ES0604*	M14X1,5	1/4	6	6	17	23	38
UBC90ES0804	M16x1,5	1/4	6	8	19	29	35
UBC90ES1004	M18x1,5	1/4	6	10	22	29	37
UBC90ES1006*	M18x1,5	3/8	10	10	22	35	45
UBC90ES1204	M20x1,5	1/4	6	12	24	33	31
UBC90ES1206	M20x1,5	3/8	10	12	24	38	35
UBC90ES1406	M22x1,5	3/8	10	14	27	36	38
UBC90ES1608	M24x1,5	1/2	12	16	30	38	44
UBC90ES2008	M30x2	1/2	12	20	36	50	65
UBC90ES2010	M30x2	5/8	16	20	36	46	51
UBC90ES2012	M30x2	3/4	19	20	36	52	51
UBC90ES2512	M36x2	3/4	19	25	46	52	55
UBC90ES2516	M36x2	1"	25	25	46	72	66
UBC90ES3016	M42x2	1"	25	30	50	72	70
UBC90ES3020	M42x2	1"1/4	32	30	50	95	85
UBC90ES3820	M52x2	1"1/4	32	38	60	99	81



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBC45ES

DKOS 45° - METRIC O-RING FEMALE 45°, 24° CONE, HEAVY
 DKOS 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRICO - METRIC
 Norme - Norma: DIN 3865

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

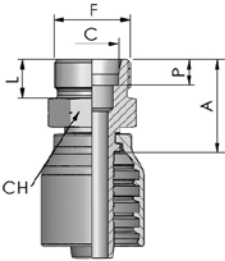
* CRIMPED NUT

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC45ES0604*	M14X1,5	1/4	6	6	17	47	22
UBC45ES0804	M16x1,5	1/4	6	8	19	50	17
UBC45ES1004	M18x1,5	1/4	6	10	22	52	18
UBC45ES1006*	M18x1,5	3/8	10	10	22	63	25
UBC45ES1204	M20x1,5	1/4	6	12	24	53	17
UBC45ES1206	M20x1,5	3/8	10	12	24	58	18
UBC45ES1406	M22x1,5	3/8	10	14	27	59	20
UBC45ES1608	M24x1,5	1/2	12	16	30	64	22
UBC45ES2010	M30x2	5/8	16	20	36	77	26
UBC45ES2012	M30x2	3/4	19	20	36	82	25
UBC45ES2512	M36x2	3/4	19	25	46	84	28
UBC45ES2516	M36x2	1"	25	25	46	110	31
UBC45ES3016	M42x2	1"	25	30	50	113	33
UBC45ES3020	M42x2	1"1/4	32	30	50	140	45
UBC45ES3820	M52x2	1"1/4	32	38	60	146	38



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

UBMES

CES - METRIC MALE, 24° CONE, HEAVY
 CES - MASCHIO METRICO, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRICO - METRIC
 Norme - *Norma*: DIN 3861

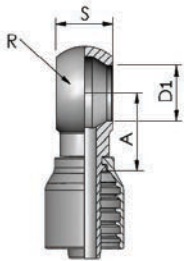
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
UBMES0604	M14X1,5	1/4	6	6	14	23.9	7	12
UBMES0804	M16x1,5	1/4	6	8	17	26.9	7	12
UBMES1004	M18x1,5	1/4	6	10	19	26.9	7.5	12
UBMES1006	M18x1,5	3/8	10	10	19	27.5	7.5	12
UBMES1206	M20x1,5	3/8	10	12	22	29.5	7.5	12
UBMES1406	M22x1,5	3/8	10	14	22	31.5	8	14
UBMES1408	M22x1,5	1/2	12	14	22	32.1	8	14
UBMES1608	M24x1,5	1/2	12	16	24	32.1	8.5	14
UBMES2010	M30x2	5/8	16	20	30	36.1	10.5	16
UBMES2012	M30x2	3/4	19	20	30	37.1	10.5	16
UBMES2512	M36x2	3/4	19	25	36	41.1	12	18
UBMES2516	M36x2	1"	25	25	36	42.1	12	18
UBMES3016	M42x2	1"	25	30	46	44.1	13.5	20
UBMES3816	M52x2	1"	25	38	55	45	16	22
UBMES3820	M52x2	1"1/4	32	38	55	48.5	16	22
UBMES3824	M52x2	1"1/2	38	38	55	42.5	16	22



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 60°
 INSERTI METRICI 60° ONE PIECE TUBI TRECCIATI

UBOM

RNM - METRIC BANJO
 RNM - OCCHIO METRICO

Thread - *Filetto*: METRICO - METRIC
 Norme - *Norma*: DIN 7642

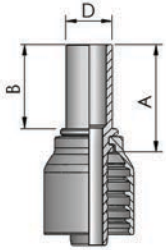
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
	Inch/Pollici	DN (mm)	A	R	D1	S
UBOM1004	1/4	6	24.8	8.5	M10	10
UBOM1204	1/4	6	28.3	10	M12	12
UBOM1404	1/4	6	24.8	12	M14	14
UBOM1406	3/8	10	25.4	12	M14	14
UBOM1604	1/4	6	26.7	14	M16	17
UBOM1606	3/8	10	26.9	14	M16	17
UBOM1804	1/4	6	31.9	16	M18	20
UBOM1806	3/8	10	32.3	16	M18	20
UBOM1808	1/2	12	29.3	16	M18	20
UBOM2006	3/8	10	27.8	17.5	M20	22
UBOM2008	1/2	12	28.3	17.5	M20	22
UBOM2206	3/8	10	32.3	18	M22	22
UBOM2208	1/2	12	29.6	18	M22	22
UBOM2210	5/8	16	30.5	18	M22	22
UBOM2610	5/8	16	38	22.5	M26	29
UBOM2612	3/4	19	38	22.5	M26	29



ONE PIECE WIRE BRAIDED HOSES STANDPIPES
 CODOLI ONE PIECE TUBI TRECCIATI

UBCOD

BEL/BES - METRIC STANDPIPE
 BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353

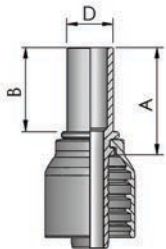
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
UBCOD0604	1/4	6	6	31.2	24
UBCOD0804	1/4	6	8	31.2	24
UBCOD1004	1/4	6	10	31.2	24
UBCOD1006	3/8	10	10	31.5	24
UBCOD1204	1/4	6	12	32	27.3
UBCOD1206	3/8	10	12	32.5	25
UBCOD1208	1/2	12	12	33.1	25
UBCOD1406	3/8	10	14	36.3	29
UBCOD1408	1/2	12	14	37.1	29
UBCOD1506	3/8	10	15	36.5	29
UBCOD1508	1/2	12	15	36.8	29
UBCOD1608	1/2	12	16	37.1	29
UBCOD1808	1/2	12	18	37.1	29
UBCOD1810	5/8	16	18	36.8	29
UBCOD1812	3/4	19	18	37.5	29
UBCOD2008	1/2	12	20	43.8	38.5
UBCOD2010	5/8	16	20	43.8	36
UBCOD2012	3/4	19	20	44.5	36
UBCOD2210	5/8	16	22	36.8	29
UBCOD2212	3/4	19	22	37.5	29
UBCOD2512	3/4	19	25	44.5	36
UBCOD2516	1"	25	25	46.1	36
UBCOD2816	1"	25	28	45.8	36



ONE PIECE WIRE BRAIDED HOSES STANDPIPES
 CODOLI ONE PIECE TUBI TRECCIATI

UBCOD

BEL/BES - METRIC STANDPIPE
 BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353

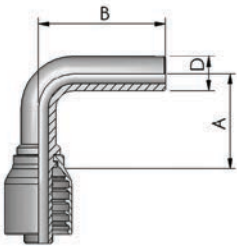
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
UBCOD3016	1"	25	30	46.1	36
UBCOD3020	1"1/4	32	30	51	38
UBCOD3520	1"1/4	32	35	46	35
UBCOD3820	1"1/4	32	38	53	40
UBCOD3824	1"1/2	38	38	58	45
UBCOD4224	1"1/2	38	42	55	42



ONE PIECE WIRE BRAIDED HOSES STANDPIPES
 CODOLI ONE PIECE TUBI TRECCIATI

UBCOD90

BEL/BES 90° - METRIC STANDPIPE 90°
 BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353

Notes

FOR HOSE:

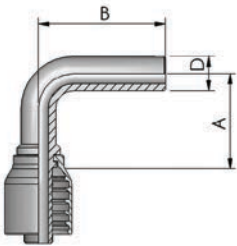
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
UBCOD900604	1/4	6	6	28	38
UBCOD900804	1/4	6	8	28	38
UBCOD901004	1/4	6	10	32	36
UBCOD901006	3/8	10	10	32	41
UBCOD901204	1/4	6	12	33	43
UBCOD901206	3/8	10	12	33	44
UBCOD901208	1/2	12	12	33	45
UBCOD901406	3/8	10	14	35	48
UBCOD901408	1/2	12	14	35	48
UBCOD901506	3/8	10	15	38	53
UBCOD901508	1/2	12	15	38	53
UBCOD901608	1/2	12	16	43	56
UBCOD901808	1/2	12	18	45	58
UBCOD901810	5/8	16	18	45	58
UBCOD901812	3/4	19	18	43	57
UBCOD902008	1/2	12	20	48	65
UBCOD902010	5/8	16	20	51	63
UBCOD902012	3/4	19	20	51	66
UBCOD902210	5/8	16	22	47	70
UBCOD902212	3/4	19	22	55	72
UBCOD902512	3/4	19	25	58	74
UBCOD902516	1"	25	25	61	74
UBCOD902816	1"	25	28	68	84



ONE PIECE WIRE BRAIDED HOSES STANDPIPES
 CODOLI ONE PIECE TUBI TRECCIATI

UBCOD90

BEL/BES 90° - METRIC STANDPIPE 90°
 BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353

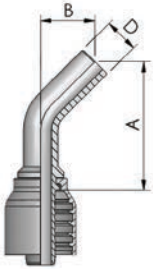
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
UBCOD903016	1"	25	30	76	87
UBCOD903520	1"1/4	32	35	68	95
UBCOD903820	1"1/4	32	38	83	105
UBCOD904220	1"1/4	32	42	96	115
UBCOD904224	1"1/2	38	42	85	110



ONE PIECE WIRE BRAIDED HOSES STANDPIPES
 CODOLI ONE PIECE TUBI TRECCIATI

UBCOD45

BEL/BES 45° - METRIC STANDPIPE 45°

BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353

Notes

FOR HOSE:

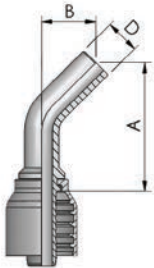
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
UBCOD450604	1/4	6	6	40	22
UBCOD450804	1/4	6	8	46	20
UBCOD451004	1/4	6	10	43	20
UBCOD451006	3/8	10	10	43	22
UBCOD451204	1/4	6	12	52	24
UBCOD451206	3/8	10	12	52	25
UBCOD451406	3/8	10	14	52	25
UBCOD451408	1/2	12	14	52	31
UBCOD451506	3/8	10	15	56	24
UBCOD451508	1/2	12	15	56	24
UBCOD451608	1/2	12	16	54	25
UBCOD451808	1/2	12	18	61	26
UBCOD451810	5/8	16	18	75	33
UBCOD452008	1/2	12	20	67	35
UBCOD452010	5/8	16	20	81	40
UBCOD452012	3/4	19	20	70	40
UBCOD452210	5/8	16	22	77	34
UBCOD452212	3/4	19	22	77	34
UBCOD452512	3/4	19	25	82	36
UBCOD452516	1"	25	25	82	36
UBCOD452816	1"	25	28	87	44
UBCOD453016	1"	25	30	90	44
UBCOD453520	1"1/4	32	35	99	46



ONE PIECE WIRE BRAIDED HOSES STANDPIPES
 CODOLI ONE PIECE TUBI TRECCIATI

UBCOD45

BEL/BES 45° - METRIC STANDPIPE 45°

BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353

Notes

FOR HOSE:

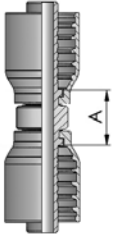
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
UBCOD453820	1"1/4	32	38	104	51
UBCOD453824	1"1/2	38	38	100	54
UBCOD454224	1"1/2	38	42	113	60



ONE PIECE WIRE BRAIDED HOSES HOSE JUNCTION
 GIUNZIONE PER TUBI FLESSIBILI ONE PIECE TUBI TRECCIATI

UBGPG

HOSE JUNCTION
 GIUNZIONE PER TUBI FLESSIBILI

Norme - Norma:

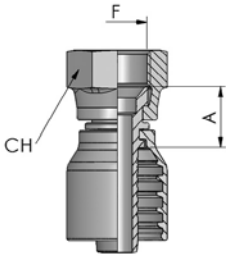
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)
	Inch/Pollici	DN (mm)	A
UBGPG0404	1/4	6	17
UBGPG0606	3/8	10	17
UBGPG0808	1/2	12	18
UBGPG1010	5/8	16	18
UBGPG1212	3/4	19	19
UBGPG1616	1"	25	21
UBGPG2020	1"1/4	32	24



ONE PIECE WIRE BRAIDED HOSES JIS FITTINGS KOMATSU
 INSERTI JIS ONE PIECE TUBI TRECCIATI

UBFKTS

JISK - JIS KOMATSU FEMALE
 JISK - FEMMINA JIS KOMATSU

Thread -Filetto: METRICO - METRIC

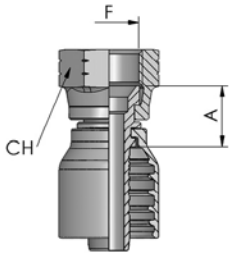
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		F	Inch/Pollici	DN (mm)	CH
UBFKTS1204	12X1,5	1/4	6	17	10.5
UBFKTS1404	14X1,5	1/4	6	19	10.5
UBFKTS1606	16X1,5	3/8	10	22	12
UBFKTS1806	18X1,5	3/8	10	24	12
UBFKTS2008	20X1,5	1/2	12	27	13
UBFKTS2208	22X1,5	1/2	12	27	13.5
UBFKTS2410	24X1,5	5/8	16	30	14



ONE PIECE WIRE BRAIDED HOSES JIS FITTINGS TOYOTA
 INSERTI JIS TOYOTA ONE PIECE TUBI TRECCIATI

UBFJS

JIST - JIS TOYOTA FEMALE
 JIST - FEMMINA JIS TOYOTA

Thread -Filetto: BSP

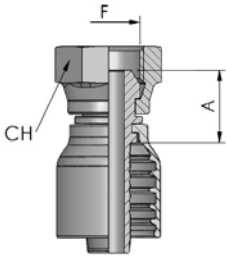
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		F	Inch/Pollici	DN (mm)	CH
UBFJS0404	1/4-19	1/4	6	17	10.5
UBFJS0606	3/8-19	3/8	10	22	12
UBFJS0808	1/2-14	1/2	12	27	13.5
UBFJS1212	3/4-14	3/4	19	32	14
UBFJS1616	1"-11	1"	25	38	15



ONE PIECE WIRE BRAIDED HOSES NPSM FEMALE 30° CONE STRAIGHT
 INSERTI NPSM FEMMINA CONO 30° ONE PIECE TUBI TRECCIATI

UBFNPSM

NPSM - FEMALE 30° CONE STRAIGHT
 NPSM - FEMMINA CONO 30°

Thread - Filetto: NPSM

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

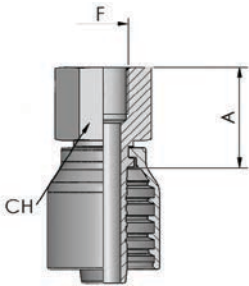
CRIMPED NUT

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFNPSM0403	1/4-18	3/16	5	19	-
UBFNPSM0404	1/4-18	1/4	6	19	17.6
UBFNPSM0406	1/4-18	3/8	10	19	17.7
UBFNPSM0604	3/8-18	1/4	6	22	18.7
UBFNPSM0605	3/8-18	5/16	8	22	-
UBFNPSM0606	3/8-18	3/8	10	22	18.8
UBFNPSM0808	1/2-14	1/2	12	27	21.2
UBFNPSM1210	3/4-14	5/8	16	32	22.8
UBFNPSM1212	3/4-14	3/4	19	32	22.8
UBFNPSM1612	1"-11,5	3/4	19	41	24.5
UBFNPSM1616	1"-11,5	1"	25	41	25
UBFNPSM2020	1"1/4-11.5	1"1/4	32	50	-
UBFNPSM2420	1"1/2-11.5	1"1/4	32	55	-
UBFNPSM2424	1"1/2-11.5	1"1/2	38	55	-
UBFNPSM3232	2"-11,5	2"	50	70	-



ONE PIECE WIRE BRAIDED HOSES NPT FEMALE SOLID STRAIGHT
 INSERTI NPT FEMMINA PEZZO UNICO ONE PIECE TUBI TRECCIATI

UBFSNPT

NPT - FEMALE SOLID STRAIGHT
 NPT - FEMMINA PEZZO UNICO

Thread -Filetto: NPT

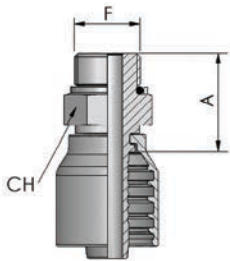
Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFSNPT0404	1/4-18	1/4	6	19	-
UBFSNPT0406	1/4-18	3/8	10	19	-
UBFSNPT0606	3/8-18	3/8	10	22	-
UBFSNPT0806	1/2-14	3/8	10	25,4	-



ONE PIECE WIRE BRAIDED HOSES BSPP MALE O-RING FLAT SEAL STRAIGHT
 INSERTI MASCHIO FACIA PIANA CON O-RING ONE PIECE TUBI TRECCIATI

UBMORG

BSPP - MALE O-RING FLAT SEAL STRAIGHT
 BSPP - MASCHIO FACIA PIANA CON O-RING

Thread - Filetto: BSPP

Norme - Norma:

Notes

FOR HOSE:

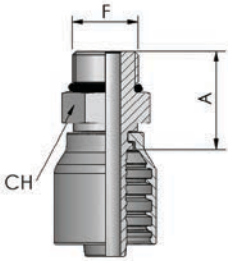
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBMORG0404	1/4-19	1/4	6	17	-
UBMORG0406	1/4-19	3/8	10	19	-
UBMORG0606	3/8-19	3/8	10	22	-
UBMORG0804	1/2-14	1/4	6	27	-
UBMORG0806	1/2-14	3/8	10	27	-
UBMORG0808	1/2-14	1/2	12	27	-
UBMORG1010	5/8-14	5/8	16	30	-
UBMORG1210	3/4-14	5/8	16	32	-
UBMORG1212	3/4-14	3/4	19	32	-
UBMORG1216	3/4-14	1"	25	32	-
UBMORG1616	1"-11	1"	25	41	-
UBMORG2020	1"1/4-11	1"1/4	32	50	-



ONE PIECE WIRE BRAIDED HOSES STANDARD ORB MALE SOLID SAE J514/J516
 INSERTI MASCHIO STANDARD ORB SAE J514/J516 ONE PIECE TUBI TRECCIATI

UBMSAE

STANDARD ORB MALE SOLID SAE
 MASCHIO STANDARD ORB SAE

Thread - Filetto: UNF-UN

Norme - Norma: SAE J514/J516

Notes

FOR HOSE:

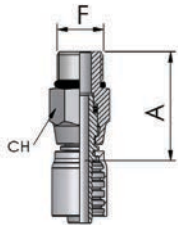
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
UBMSAE0604	7/16-20	1/4	6	14	22
UBMSAE0804	1/2-20	1/4	6	17	22,5
UBMSAE1005	9/16-18	5/16	8	17	24
UBMSAE1006	9/16-18	3/8	10	17	11
UBMSAE1206	3/4-16	3/8	10	22	26,5
UBMSAE1208	3/4-16	1/2	12	22	27,6
UBMSAE1608	7/8-14	1/2	12	27	30,1
UBMSAE1610	7/8-14	5/8	16	27	30,4
UBMSAE2010	1"1/16-12	5/8	16	32	34,4
UBMSAE2012	1"1/16-12	3/4	19	32	35,1
UBMSAE2016	1"5/16-12	1"	25	41	37,6



ONE PIECE WIRE BRAIDED HOSES STANDARD ORB MALE SWIVEL SAE J514/J516
 INSERTI MASCHIO STANDARD GIREVOLE ORB SAE J514/J516 ONE PIECE TUBI TRECCIATI

UBMSAEGG

STANDARD ORB MALE SWIVEL SAE
 MASCHIO GIREVOLE STANDARD ORB SAE

Thread - *Filetto*: UNF-UN

Norme - *Norma*: SAE J514/J516

Notes

FOR HOSE:

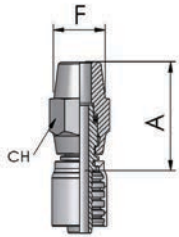
SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBMSAEGG0604	7/16-20	1/4	6	14	37,4
UBMSAEGG1004	9/16-18	1/4	6	17	42,5
UBMSAEGG1006	9/16-18	3/8	10	17	42,5
UBMSAEGG1206	3/4-16	3/8	10	22	47,5
UBMSAEGG1208	3/4-16	1/2	12	22	49,6
UBMSAEGG1608	7/8-14	1/2	12	27	50,6
UBMSAEGG1610	7/8-14	5/8	16	27	50,8
UBMSAEGG2008	1"1/16-12	1/2	12	32	58
UBMSAEGG2012	1"1/16-12	3/4	19	32	59,6

Note

PER TUBO:

SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES NPTF SWIVEL MALE 30° CONE STRAIGHT SAE J516
 INSERTI NPTF MASCHIO CONO 30°GIREVOLE ONE PIECE TUBI TRECCIATI

UBMNPTGG

NPTF - SWIVEL MALE 30° CONE STRAIGHT
 NPTF - MASCHIO GIREVOLE CONO 30°

Thread - *Filetto*: NPTF
 Norme - *Norma*: SAE J516

Notes

FOR HOSE:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Note

PER TUBO:
 SAE 100 R1/2T
 SAE 100 R17/R16S
 DIN EN 853 1/2SN
 DIN EN 857 1/2SC
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBMNPTGG0204	1/8-27	1/4	6	14	-
UBMNPTGG0404	1/4-18	1/4	6	17	41,5
UBMNPTGG0406	1/4-18	3/8	10	17	41,5
UBMNPTGG0604	3/8-18	1/4	6	19	46,5
UBMNPTGG0605	3/8-18	5/16	8	19	46,5
UBMNPTGG0606	3/8-18	3/8	10	19	45,5
UBMNPTGG0806	1/2-14	3/8	10	22	57,5
UBMNPTGG0808	1/2-14	1/2	12	22	56,6
UBMNPTGG1212	3/4-14	3/4	19	27	61,6
UBMNPTGG1616	1"-11,5	1"	25	36	65



DRY-SPIDA

DRY-SPIRAL FITTINGS RACCORDI DRY-SPIRAL



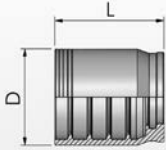
The combination of **FB Dry-Spiral** fittings and high pressure spiral hoses, united by an innovative crimping process, grants 1.000.000 cycles (Test in accordance with the norm EN6803).

FB Hydraulic wants to assure a constant innovation to its own customers in terms of quality and enlargement of the product range, therefore the range of Dry-Spiral fittings NO SKIVE has been born to meet specific market needs, such as the speed of assembly and the continuous cost reduction.

I raccordi **FB Dry-spiral** ed i tubi spiralati ad alta pressione unitamente ad un processo di raccordatura all'avanguardia permettono di garantire 1.000.000 di cicli (test realizzato secondo la norma EN6803).

FB Hydraulic vuole assicurare ai propri clienti un'innovazione costante in termini di qualità e di ampliamento della gamma dei prodotti, pertanto è nata la tipologia di raccordi Dry-spiral NO SKIVE per far fronte a specifiche esigenze di mercato, quali la velocità dei tempi di assemblaggio e la continua riduzione dei costi.

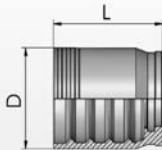
BDR



158

DRY-SPIRAL NO SKIVE FERRULE 4SP - 4SH - R12 - R13 - R15 - ISO18752
 DRY-SPIRAL BOCCOLA A PRESSARE 4SP - 4SH - R12 - R13 - R15 - ISO18752

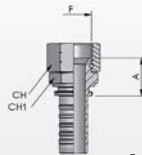
BDS



159

DRY-SPIRAL SKIVE FERRULE 4SP - R13 - R15 - ISO18752
 DRY-SPIRAL BOCCOLA A PRESSARE 4SP - R13 - R15 - ISO18752

DFJDE



160

DKJ - DRY-SPIRAL JIC FEMALE THRUST WIRE NUT, DOUBLE HEXAGON 37° CONE
 DKJ - DRY-SPIRAL FEMMINA JIC DADO SPINATO, DOPPIO ESAGONO CONO 37°

DC90J



161

DKJ 90° - DRY-SPIRAL JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
 DKJ 90° - DRY-SPIRAL FEMMINA 90° JIC DADO SPINATO, CONO 37°

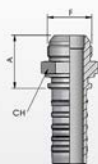
DC45J



162

DKJ 45° - DRY-SPIRAL JIC FEMALE 45° THRUST WIRE NUT, 37° CONE
 DKJ 45° - DRY-SPIRAL FEMMINA 45° JIC DADO SPINATO, CONO 37°

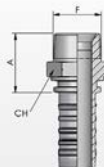
DMJ



163

AGJ - DRY-SPIRAL JIC MALE, 37° CONE
 AGJ - DRY-SPIRAL MASCHIO JIC, CONO 37°

DMNPT



164

AGN - DRY-SPIRAL NPTF MALE
 AGN - DRY-SPIRAL MASCHIO NPTF

DFORFSDE



165

DKO - DRY-SPIRAL ORFS FEMALE DOUBLE HEXAGON
 DKO - DRY-SPIRAL FEMMINA ORFS DOPPIO ESAGONO

DC90ORFS



166

DKO 90° - DRY-SPIRAL ORFS FEMALE 90°
 DKO 90° - DRY-SPIRAL FEMMINA 90° ORFS

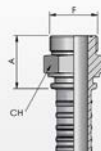
DC45ORFS



167

DKO 45° - DRY-SPIRAL ORFS FEMALE 45°
 DKO 45° - DRY-SPIRAL FEMMINA 45° ORFS

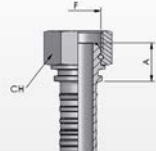
DMORFS



168

AGO - DRY-SPIRAL ORFS MALE
 AGO - DRY-SPIRAL MASCHIO ORFS

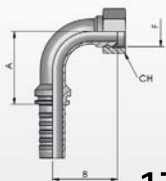
DFG



169

DKOR - DRY-SPIRAL BSP FEMALE THRUST WIRE NUT O-RING, 60° CONE
 DKOR - DRY-SPIRAL FEMMINA BSP DADO SPINATO O-RING, CONO 60°

DC90G



170

DKOR 90° - DRY-SPIRAL BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE
 DKOR 90° - DRY-SPIRAL FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

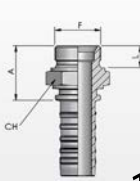
DC45G



171

DKOR 45° - DRY-SPIRAL BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE
 DKOR 45° - DRY-SPIRAL FEMMINA 45° BSP DADO SPINATO O-RING, CONO 60°

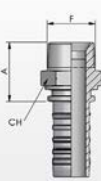
DMG



172

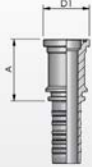
AGR - DRY-SPIRAL BSPP MALE, 60° CONE
 AGR - DRY-SPIRAL MASCHIO BSPP, CONO 60°

DMC

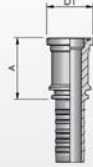


173

AGN - DRY-SPIRAL BSPT MALE
 AGN - DRY-SPIRAL MASCHIO BSPT

DFLPI3**174**

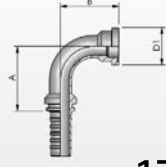
SFL - DRY-SPIRAL SAE FLANGE 3000 PSI
SFL - DRY-SPIRAL FLANGIA SAE 3000 PSI

DFLPI6**175**

SFS - DRY-SPIRAL SAE FLANGE 6000 PSI
SFS - DRY-SPIRAL FLANGIA SAE 6000 PSI

DFLPI390**176**

SFL 90° - DRY-SPIRAL SAE FLANGE 90°
3000 PSI
SFL 90° - DRY-SPIRAL FLANGIA 90° SAE
3000 PSI

DFLPI690**177**

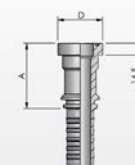
SFS 90° - DRY-SPIRAL SAE FLANGE 90°
6000 PSI
SFS 90° - DRY-SPIRAL FLANGIA 90° SAE
6000 PSI

DFLPI345**178**

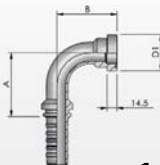
SFL 45° - DRY-SPIRAL SAE FLANGE 45°
3000 PSI
SFL 45° - DRY-SPIRAL FLANGIA 45° SAE
3000 PSI

DFLPI645**179**

SFS 45° - DRY-SPIRAL SAE FLANGE 45°
6000 PSI
SFS 45° - DRY-SPIRAL FLANGIA 45° SAE
6000 PSI

DFLPIR6**180**

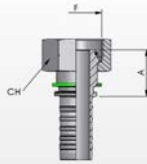
SFC - DRY-SPIRAL SUPERCAT FLANGE
SFC - DRY-SPIRAL FLANGIA SUPERCAT

DFLPIR690**181**

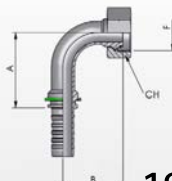
SFC 90° - DRY-SPIRAL SUPERCAT FLANGE 90°
SFC 90° - DRY-SPIRAL FLANGIA 90°
SUPERCAT

DFLPIR645**182**

SFC 45° - DRY-SPIRAL SUPERCAT FLANGE 45°
SFC 45° - DRY-SPIRAL FLANGIA 45°
SUPERCAT

DFES**183**

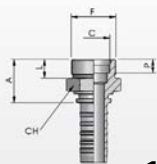
DKOS - DRY-SPIRAL METRIC O-RING FEMALE,
24° CONE, HEAVY
DKOS - DRY-SPIRAL FEMMINA METRICA
O-RING, CONO 24°, SERIE PESANTE

DC90ES**184**

DKOS 90° - DRY-SPIRAL METRIC O-RING
FEMALE 90°, 24° CONE, HEAVY
DKOS 90° - DRY-SPIRAL FEMMINA 90°
METRICA O-RING, CONO 24°, SERIE PESANTE

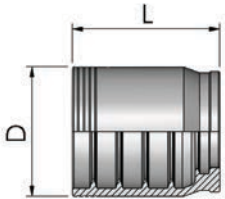
DC45ES**185**

DKOS 45° - DRY-SPIRAL METRIC O-RING
FEMALE 45°, 24° CONE, HEAVY
DKOS 45° - DRY-SPIRAL FEMMINA 45°
METRICA O-RING, CONO 24°, SERIE PESANTE

DMES**186**

CES - DRY-SPIRAL METRIC MALE, 24° CONE,
HEAVY
CES - DRY-SPIRAL MASCHIO METRICO,
CONO 24°, SERIE PESANTE

index**1c****158****186**



DRY-SPIRAL FERRULES
BOCCOLE DRY-SPIRAL

BDR

DRY-SPIRAL NO SKIVE FERRULE 4SP - 4SH - R12 - R13 - R15 - ISO18752

DRY-SPIRAL BOCCOLA A PRESSARE 4SP - 4SH - R12 - R13 - R15 - ISO18752

Norme - Norma:

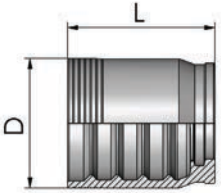
Notes

FERRULE FOR HOSE:
DIN EN 856 4SP UP TO 1 "
DIN EN 856 4SH
SAE 100 R12
SAE 100 R13 UP TO 1 "
SAE 100 R15 UP TO 1 "
YOKOHAMA ISO18752:
ISO210-280
ISO350-420 UP TO 1

Note

BOCCOLA PER TUBO:
DIN EN 856 4SP FINO A 1 "
DIN EN 856 4SH
SAE 100 R12
SAE 100 R13 FINO A 1 "
SAE 100 R15 FINO A 1 "
YOKOHAMA ISO18752:
ISO210-280
ISO350-420 FINO A 1

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L	
BDR08	1/2"	12	35	38	4SP-ISO
BDR10	5/8"	16	42	48	4SP-R13-ISO
BDR12	3/4"	19	45	51	4SP/H-R12/13/15-ISO
BDR16	1"	25	53	57	4SP/H-R12/13/15-ISO
BDR20	1"1/4	32	62	68	4SH-R12-ISO
BDR24	1"1/2	38	70	86	4SH-R12-ISO
BDR32	2"	51	86	100	4SH-R12-ISO



DRY-SPIRAL FERRULES
BOCCOLE DRY-SPIRAL

BDS

DRY-SPIRAL SKIVE FERRULE 4SP - R13 - R15 - ISO18752
DRY-SPIRAL BOCCOLA A PRESSARE 4SP - R13 - R15 - ISO18752

Notes

FERRULE FOR HOSE:

DIN EN 856 4SP

SAE 100 R13

SAE 100 R15

YOKOHAMA ISO18752:

ISO350-420 FROM 1"1/4 TO 2"

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est.	Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L	mm	
BDS20	1"1/4	32	58	72	53	4SP-R13/15-ISO
BDS24	1"1/2	38	68	90	69	4SP-R13/15-ISO
BDS32	2"	51	84	105	78	4SP-R13-ISO

Note

BOCCOLA PER TUBO:

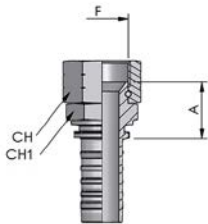
DIN EN 856 4SP

SAE 100 R13

SAE 100 R15

YOKOHAMA ISO18752:

ISO350-420 DA 1"1/4 A 2"



DRY-SPIRAL JIC FITTINGS 37°
 INSERTI JIC 37° DRY-SPIRAL

DFJDE

DKJ - DRY-SPIRAL JIC FEMALE THRUST WIRE NUT DOUBLE
 HEXAGON, 37° CONE

DKJ - DRY-SPIRAL FEMMINA JIC DADO SPINATO DOPPIO ESAGONO,
 CONO 37°

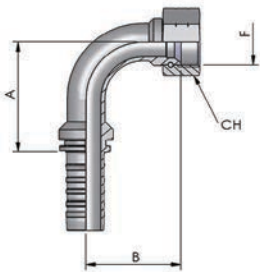
Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

Notes

Code Article Codice Articolò	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
DFJDE1208	3/4-16	1/2	12	22	19	29.1
DFJDE1608	7/8-14	1/2	12	27	22	31.3
DFJDE1610	7/8-14	5/8	16	27	24	31.1
DFJDE2010	1"1/16-12	5/8	16	32	27	34.6
DFJDE1612	7/8-14	3/4	19	27	27	33
DFJDE2012	1"1/16-12	3/4	19	32	27	34
DFJDE2212	1"3/16-12	3/4	19	36	30	35.5
DFJDE2512	1"5/16-12	3/4	19	41	32	38
DFJDE2016	1"1/16-12	1"	25	32	32	36.5
DFJDE2516	1"5/16-12	1"	25	41	32	39.5
DFJDE3416	1"5/8-12	1"	25	50	41	46
DFJDE2520	1"5/16-12	1"1/4	32	41	41	45.5
DFJDE3420	1"5/8-12	1"1/4	32	50	41	48
DFJDE4020	1"7/8-12	1"1/4	32	60	46	51
DFJDE4024	1"7/8-12	1"1/2	38	60	46	53
DFJDE5024	2"1/2-12	1"1/2	38	75	60	66
DFJDE5032	2"1/2-12	2"	51	75	60	69

Note



DRY-SPIRAL JIC FITTINGS 37°
 INSERTI JIC 37° DRY-SPIRAL

DC90J

DKJ 90° - DRY-SPIRAL JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
 DKJ 90° - DRY-SPIRAL FEMMINA 90° JIC DADO SPINATO, CONO 37°

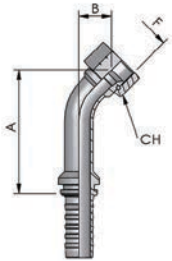
Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
DC90J1208	3/4-16	1/2	12	22	41	41
DC90J1608	7/8-14	1/2	12	27	41	42
DC90J1610	7/8-14	5/8	16	27	51	49
DC90J2010	1"1/16-12	5/8	16	32	50	50
DC90J1612	7/8-14	3/4	19	27	55	55
DC90J2012	1"1/16-12	3/4	19	32	55	52
DC90J2212	1"3/16-12	3/4	19	36	55	52
DC90J2512	1"5/16-12	3/4	19	41	55	56
DC90J2016	1"1/16-12	1"	25	32	71	71
DC90J2516	1"5/16-12	1"	25	41	71	67
DC90J3416	1"5/8-12	1"	25	50	71	69
DC90J2520	1"5/16-12	1"1/4	32	41	87	84
DC90J3420	1"5/8-12	1"1/4	32	50	87	81
DC90J4020	1"7/8-12	1"1/4	32	60	87	82
DC90J4024	1"7/8-12	1"1/2	38	60	105	97
DC90J5024	2"1/2-12	1"1/2	38	75	105	102
DC90J5032	2"1/2-12	2"	51	75	140	132

Note



DRY-SPIRAL JIC FITTINGS 37°
 INSERTI JIC 37° DRY-SPIRAL

DC45J

DKJ 45° - DRY-SPIRAL JIC FEMALE 45° THRUST WIRE NUT, 37° CONE
 DKJ 45° - DRY-SPIRAL FEMMINA 45° JIC DADO SPINATO, CONO 37°

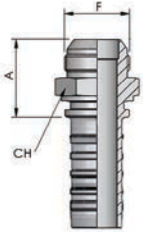
Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

Notes

Note

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
DC45J1208	3/4-16	1/2	12	22	65	20
DC45J1608	7/8-14	1/2	12	27	66	21
DC45J1610	7/8-14	5/8	16	27	80	24
DC45J2010	1"1/16-12	5/8	16	32	80	25
DC45J1612	7/8-14	3/4	19	27	66	28
DC45J2012	1"1/16-12	3/4	19	32	63	25
DC45J2212	1"3/16-12	3/4	19	36	63	25
DC45J2512	1"5/16-12	3/4	19	41	66	28
DC45J2016	1"1/16-12	1"	25	32	85	35
DC45J2516	1"5/16-12	1"	25	41	82	32
DC45J3416	1"5/8-12	1"	25	50	83	33
DC45J2520	1"5/16-12	1"1/4	32	41	100	41
DC45J3420	1"5/8-12	1"1/4	32	50	98	38
DC45J4020	1"7/8-12	1"1/4	32	60	99	39
DC45J4024	1"7/8-12	1"1/2	38	60	118	46
DC45J5024	2"1/2-12	1"1/2	38	75	122	50
DC45J5032	2"1/2-12	2"	51	75	157	62



DRY-SPIRAL JIC FITTINGS 37°
 INSERTI JIC 37° DRY-SPIRAL

DMJ

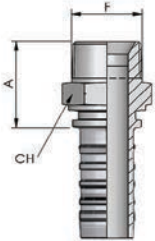
AGJ - DRY-SPIRAL JIC MALE, 37° CONE
 AGJ - DRY-SPIRAL MASCHIO JIC, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514

Notes

Note

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
DMJ1208	3/4-16	1/2	12	19	33.1
DMJ1608	7/8"-14	1/2	12	24	37.2
DMJ1610	7/8"-14	5/8	16	27	37.4
DMJ2010	1"1/16-1	5/8	16	27	41.8
DMJ1612	7/8"-14	3/4	19	27	37
DMJ2012	1"1/16-1	3/4	19	27	40
DMJ2212	1"3/16-1	3/4	19	32	41.5
DMJ2512	1"5/16-1	3/4	19	36	43
DMJ2016	1"1/16-1	1"	25	32	43
DMJ2516	1"5/16-1	1"	25	36	45
DMJ3416	1"5/8-12	1"	25	46	48
DMJ2520	1"5/16-1	1"1/4	32	41	48.5
DMJ3420	1"5/8-12	1"1/4	32	46	50.5
DMJ4020	1"7/8-12	1"1/4	32	50	55
DMJ4024	1"7/8-12	1"1/2	38	50	57
DMJ5024	2"1/2-12	1"1/2	38	65	65.5
DMJ5032	2"1/2-12	2"	51	65	68.5



DRY-SPIRAL NPT FITTINGS 60°
 INSERTI NPT 60° DRY-SPIRAL

DMNPT

AGN - DRY-SPIRAL NPTF MALE
 AGN - DRY-SPIRAL MASCHIO NPTF

Thread - Filetto: NPTF
 Norme - Norma:

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
DMNPT0808	1/2"-14	1/2	12	22	37
DMNPT1212	3/4"-14	3/4"	19	27	39
DMNPT1612	1"-11,5	3/4"	19	36	47
DMNPT1216	3/4"-14	1"	25	32	41.5
DMNPT1616	1"-11,5	1"	25	36	48.5
DMNPT2016	1"1/4-11	1"	25	46	53
DMNPT1620	1"-11,5	1"1/4	32	41	52.5
DMNPT2020	1"1/4-11	1"1/4	32	46	55
DMNPT2420	1"1/2-11	1"1/4	32	50	59
DMNPT2424	1"1/2-11	1"1/2	38	50	61
DMNPT3224	2"-11,5	1"1/2	38	65	67.5
DMNPT3232	2"-11,5	2"	51	65	70.5

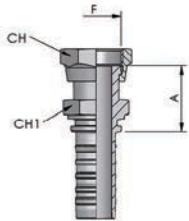
Note

DRY-SPIRAL ORFS FITTINGS
 INSERTI ORFS DRY-SPIRAL

DFORFSDE

DKO - DRY-SPIRAL ORFS FEMALE DOUBLE HEXAGON
 DKO - DRY-SPIRAL FEMMINA DOPPIO ESAGONO ORFS

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J1453



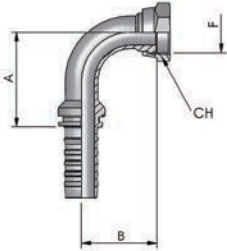
Notes

CRIMPED NUT

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
DFORFSDE1308	13/16-16	1/2	12	24	19	37.8
DFORFSDE1810	1"-14	5/8	16	30	24	39.2
DFORFSDE1812	1"-14	3/4	19	30	27	43
DFORFSDE2212	1"3/16-12	3/4	19	36	30	46
DFORFSDE2612	1"7/16-12	3/4	19	41	36	49
DFORFSDE2216	1"3/16-12	1"	25	36	36	50
DFORFSDE2616	1"7/16-12	1"	25	41	36	51
DFORFSDE3616	1"11/16-12	1"	25	50	41	52
DFORFSDE3620	1"11/16-12	1"1/4	32	50	41	55
DFORFSDE4624	2"-12	1"1/2	38	60	50	60

Note

DADO PINZATO



DRY-SPIRAL ORFS FITTINGS
 INSERTI ORFS DRY-SPIRAL

DC90ORFS

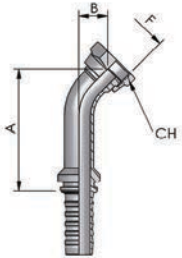
DKO 90° - DRY-SPIRAL ORFS FEMALE 90°
 DKO 90° - DRY-SPIRAL FEMMINA 90° ORFS

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J1453

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
DC90ORFS1308	13/16-16	1/2	12	24	41	36
DC90ORFS1810	1"-14	5/8	16	30	51	47
DC90ORFS2212	1"3/16-12	3/4	19	36	54	48
DC90ORFS2612	1"7/16-12	3/4	19	41	54	49
DC90ORFS2616	1"7/16-12	1"	25	41	71	62
DC90ORFS3616	1"11/16-12	1"	25	50	71	62
DC90ORFS3620	1"11/16-12	1"1/4	32	50	87	75
DC90ORFS4624	2"-12	1"1/2	38	60	105	90

Note



DRY-SPIRAL ORFS FITTINGS
 INSERTI ORFS DRY-SPIRAL

DC45ORFS

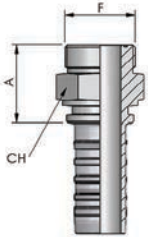
DKO 45° - DRY-SPIRAL ORFS FEMALE 45°
 DKO 45° - DRY-SPIRAL FEMMINA 45° ORFS

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J1453

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
DC45ORFS1308	13/16-16	1/2	12	24	61	16
DC45ORFS1810	1"-14	5/8	16	30	76	20
DC45ORFS2212	1"3/16-12	3/4	19	36	60	22
DC45ORFS2612	1"7/16-12	3/4	19	41	61	23
DC45ORFS2616	1"7/16-12	1"	25	41	78	29
DC45ORFS3616	1"11/16-12	1"	25	50	78	29
DC45ORFS3620	1"11/16-12	1"1/4	32	50	93	34
DC45ORFS4624	2"-12	1"1/2	38	60	113	41

Note



DRY-SPIRAL ORFS FITTINGS
 INSERTI ORFS DRY-SPIRAL

DMORFS

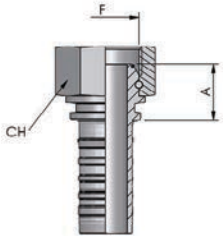
AGO - DRY-SPIRAL ORFS MALE
 AGO - DRY-SPIRAL MASCHIO ORFS

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J1453

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
DMORFS1308	13/16-16	1/2	12	22	32.6
DMORFS1810	1"-14	5/8	16	27	37.3
DMORFS2212	1"3/16-12	3/4	19	32	36
DMORFS2616	1"7/16-12	1"	25	41	41
DMORFS3620	1"11/16-12	1"1/4	32	46	44
DMORFS4624	2"-12	1"1/2	38	55	48

Note



DRY-SPIRAL BSP FITTINGS 60°
 INSERTI BSP 60° DRY-SPIRAL

DFG

DKOR - DRY-SPIRAL BSP FEMALE THRUST WIRE NUT O-RING, 60°
 CONE

DKOR - DRY-SPIRAL FEMMINA BSP DADO SPINATO O-RING, CONO 60°

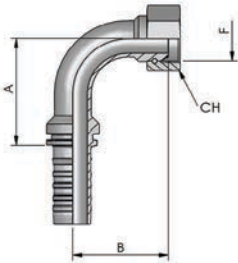
Thread - *Filetto*: BSPP

Norme - *Norma*: SB 5200

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
DFG0808	1/2-14	1/2	12	27	24.5
DFG1210	3/4-14	5/8	16	32	27.3
DFG1212	3/4-14	3/4	19	32	29
DFG1216	3/4-14	1"	25	32	31,8
DFG1220	3/4-14	1"1/4	32	32	34
DFG1612	1"-11	3/4	19	41	33
DFG1616	1"-11	1"	25	41	34
DFG2016	1"1/4-11	1"	25	50	38
DFG2020	1"1/4-11	1"1/4	32	50	39
DFG2420	1"1/2-11	1"1/4	32	60	42
DFG2424	1"1/2-11	1"1/2	38	60	43
DFG3232	2"-11	2"	51	75	47

Note



DRY-SPIRAL BSP FITTINGS 60°
 INSERTI BSP 60° DRY-SPIRAL

DC90G

DKOR 90° - DRY-SPIRAL BSP FEMALE 90° THRUST WIRE NUT O-RING,
 60° CONE

DKOR 90° - DRY-SPIRAL FEMMINA 90° BSP DADO SPINATO O-RING,
 CONO 60°

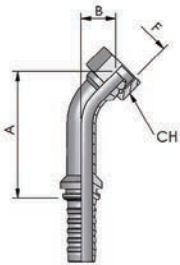
Thread -Filetto: BSPP

Norme - Norma: BS 5200

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
DC90G0808	1/2-14	1/2	12	27	41	46
DC90G1210	3/4-14	5/8	16	32	50	54
DC90G1212	3/4-14	3/4	19	57	55	32
DC90G1612	1"-11	3/4	19	61	55	41
DC90G1616	1"-11	1"	25	72	71	41
DC90G2016	1"1/4-11	1"	25	74	71	50
DC90G2020	1"1/4-11	1"1/4	32	88	87	50
DC90G2420	1"1/2-11	1"1/4	32	88	87	60
DC90G2424	1"1/2-11	1"1/2	38	104	105	60
DC90G3232	2"-11	2"	51	137	140	75

Note



DRY-SPIRAL BSP FITTINGS 60°
 INSERTI BSP 60° DRY-SPIRAL

DC45G

DKOR 45° - DRY-SPIRAL BSP FEMALE 45° THRUST WIRE NUT O-RING,
 60° CONE

DKOR 45° - DRY-SPIRAL FEMMINA 45° BSP DADO SPINATO O-RING,
 CONO 60°

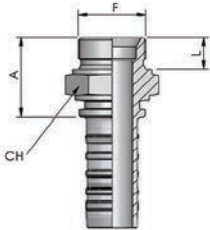
Thread -Filetto: BSPP

Norme - Norma: BS 5200

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
DC45G0808	1/2-14	1/2	12	27	69	24
DC45G1210	3/4-14	5/8	16	32	82	27
DC45G1212	3/4-14	3/4	19	29	67	32
DC45G1612	1"-11	3/4	19	32	70	41
DC45G1616	1"-11	1"	25	36	86	41
DC45G2016	1"1/4-11	1"	25	37	87	50
DC45G2020	1"1/4-11	1"1/4	32	43	103	50
DC45G2420	1"1/2-11	1"1/4	32	43	103	60
DC45G2424	1"1/2-11	1"1/2	38	51	123	60
DC45G3232	2"-11	2"	51	65	160	75

Note



DRY-SPIRAL BSP FITTINGS 60°
 INSERTI BSP 60° DRY-SPIRAL

DMG

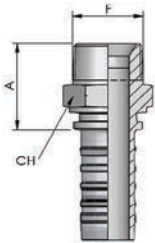
AGR - DRY-SPIRAL BSPP MALE, 60° CONE
 AGR - DRY-SPIRAL MASCHIO BSPP, CONO 60°

Thread - *Filetto*: BSPP
 Norme - *Norma*: BS 5200

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
DMG0808	1/2	1/2	12	27	32.8	14
DMG1210	3/4	5/8	16	32	36.1	16
DMG1212	3/4	3/4	19	32	38	16
DMG1612	1"-11	3/4	19	41	43	19
DMG1616	1"-11	1"	25	41	45	19
DMG2016	1"1/4-11	1"	25	50	48	20
DMG2020	1"1/4-11	1"1/4	32	50	50	20
DMG2420	1"1/2-11	1"1/4	32	55	53	22
DMG2424	1"1/2-11	1"1/2	38	55	55	22
DMG3232	2"-11	2"	51	70	63	25

Note



DRY-SPIRAL BSPT FITTINGS 60°
 INSERTI BSPT 60° DRY-SPIRAL

DMC

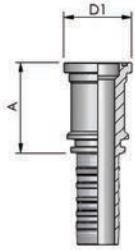
AGN - DRY-SPIRAL BSPT MALE
 AGN - DRY-SPIRAL MASCHIO BSPT

Thread - Filetto: BSPT
 Norme - Norma:

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
	F				
DMC0808	1/2"-14	1/2	12	22	37
DMC1212	3/4"-14	3/4	19	27	37
DMC1616	1"-11	1"	25	36	44
DMC2020	1 1/4"-11	1 1/4"	32	46	51
DMC2424	1 1/2"-11	1 1/2"	38	50	54
DMC3232	2"-11	2"	51	65	64

Note



DRY-SPIRAL FLANGES
FLANGE DRY-SPIRAL

DFLPI3

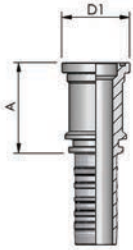
SFL - DRY-SPIRAL SAE FLANGE 3000 PSI
SFL - DRY-SPIRAL FLANGIA SAE 3000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
DFLPI30808	1/2	1/2	12	30.2	50.7
DFLPI31212	3/4	3/4	19	38.1	55
DFLPI31612	1"	3/4	19	44.5	57
DFLPI32012	1"1/4	3/4	19	50.8	55
DFLPI31216	3/4	1"	25	38.1	58
DFLPI31616	1"	1"	25	44.5	58
DFLPI32016	1"1/4	1"	25	50.8	63
DFLPI32416	1"1/2	1"	25	60.4	55
DFLPI31620	1"	1"1/4	32	44.5	64
DFLPI32020	1"1/4	1"1/4	32	50.8	64
DFLPI32420	1"1/2	1"1/4	32	60.4	68
DFLPI33220	2"	1"1/4	32	71.4	75
DFLPI32424	1"1/2	1"1/2	38	60.4	73
DFLPI33224	2"	1"1/2	38	71.4	76
DFLPI33232	2"	2"	51	71.4	77
DFLPI34032	2"1/2	2"	51	84.1	90

Note



DRY-SPIRAL FLANGES
FLANGE DRY-SPIRAL

DFLPI6

SFS - DRY-SPIRAL SAE FLANGE 6000 PSI

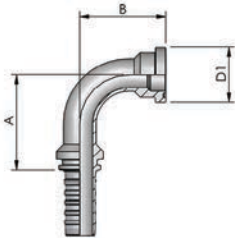
SFS - DRY-SPIRAL FLANGIA SAE 6000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
DFLPI60808	1/2	1/2	12	31.8	50.7
DFLPI61212	3/4	3/4	19	41.3	59
DFLPI61612	1"	3/4	19	47.6	61
DFLPI61216	3/4	1"	25	41.3	65
DFLPI61616	1"	1"	25	47.6	65
DFLPI62016	1"1/4	1"	25	54	69
DFLPI61620	1"	1"1/4	32	47.6	70
DFLPI62020	1"1/4	1"1/4	32	54	70
DFLPI62420	1"1/2	1"1/4	32	63.5	80
DFLPI62424	1"1/2	1"1/2	38	63.5	84
DFLPI63224	2"	1"1/2	38	79.4	99
DFLPI63232	2"	2"	51	79.4	100

Note



DRY-SPIRAL FLANGES
FLANGE DRY-SPIRAL

DFLPI390

SFL 90° - DRY-SPIRAL SAE FLANGE 90° 3000 PSI

SFL 90° - DRY-SPIRAL FLANGIA 90° SAE 3000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
DFLPI3900808	1/2	1/2	12	30.2	41	42
DFLPI3901212	3/4	3/4	19	38.1	55	51
DFLPI3901612	1"	3/4	19	44.5	55	55
DFLPI3902012	1"1/4	3/4	19	50.8	55	60
DFLPI3901216	3/4	1"	25	38.1	71	65
DFLPI3901616	1"	1"	25	44.5	71	61
DFLPI3902016	1"1/4	1"	25	50.8	71	61
DFLPI3902416	1"1/2	1"	25	60.4	71	61
DFLPI3901620	1"	1"1/4	32	44.5	87	79
DFLPI3902020	1"1/4	1"1/4	32	50.8	87	71
DFLPI3902420	1"1/2	1"1/4	32	60.4	87	71
DFLPI3902424	1"1/2	1"1/2	38	60.4	105	83
DFLPI3903224	2"	1"1/2	38	71.4	105	81
DFLPI3903232	2"	2"	51	71.4	140	122
DFLPI3904032	2"1/2	2"	51	84.1	140	117

Note

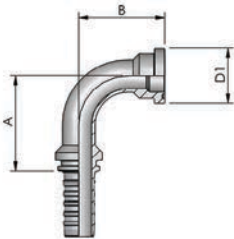
DRY-SPIRAL FLANGES
 FLANGE DRY-SPIRAL

DFLPI690

SFS 90° - DRY-SPIRAL SAE FLANGE 90° 6000 PSI

SFS 90° - DRY-SPIRAL FLANGIA 90° SAE 6000 PSI

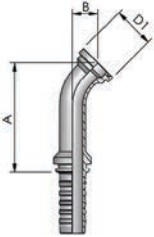
Norme - Norma: SAE J518



Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
DFLPI6900808	1/2	1/2	12	31.8	41	43
DFLPI6901212	3/4	3/4	19	41.3	55	56
DFLPI6901612	1"	3/4	19	47.6	55	58
DFLPI6901216	3/4	1"	25	41.3	71	65
DFLPI6901616	1"	1"	25	47.6	71	64
DFLPI6902016	1"1/4	1"	25	54	71	64
DFLPI6901620	1"	1"1/4	32	47.6	87	79
DFLPI6902020	1"1/4	1"1/4	32	54	87	74
DFLPI6902420	1"1/2	1"1/4	32	63.5	87	76
DFLPI6902424	1"1/2	1"1/2	38	63.5	105	88
DFLPI6903224	2"	1"1/2	38	79.4	105	93
DFLPI6903232	2"	2"	51	79.4	140	123

Note



DRY-SPIRAL FLANGES
 FLANGE DRY-SPIRAL

DFLPI345

SFL 45° - DRY-SPIRAL SAE FLANGE 45° 3000 PSI

SFL 45° - DRY-SPIRAL FLANGIA 45° SAE 3000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
DFLPI3450808	1/2	1/2	12	30.2	66	21
DFLPI3451212	3/4	3/4	19	38.1	63	25
DFLPI3451612	1"	3/4	19	44.5	65	27
DFLPI3451216	3/4	1"	25	38.1	81	31
DFLPI3451616	1"	1"	25	44.5	78	28
DFLPI3452016	1"1/4	1"	25	50.8	78	28
DFLPI3451620	1"	1"1/4	32	44.5	96	37
DFLPI3452020	1"1/4	1"1/4	32	50.8	91	32
DFLPI3452420	1"1/2	1"1/4	32	60.4	91	32
DFLPI3452424	1"1/2	1"1/2	38	60.4	108	36
DFLPI3453224	2"	1"1/2	38	71.4	107	35
DFLPI3453232	2"	2"	51	71.4	151	57
DFLPI3454032	2"1/2	2"	51	84.1	146	51

Note

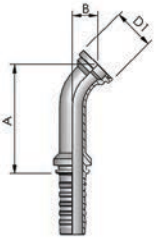
DRY-SPIRAL FLANGES
 FLANGE DRY-SPIRAL

DFLPI645

SFS 45° - DRY-SPIRAL SAE FLANGE 45° 6000 PSI

SFS 45° - DRY-SPIRAL FLANGIA 45° SAE 6000 PSI

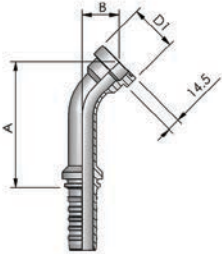
Norme - Norma: SAE J518



Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
DFLPI6450808	1/2	1/2	12	31.8	67	22
DFLPI6451212	3/4	3/4	19	41.3	66	28
DFLPI6451612	1"	3/4	19	47.6	68	29
DFLPI6451216	3/4	1"	25	41.3	81	31
DFLPI6451616	1"	1"	25	47.6	80	30
DFLPI6452016	1"1/4	1"	25	54	80	30
DFLPI6451620	1"	1"1/4	32	47.6	96	37
DFLPI6452020	1"1/4	1"1/4	32	54	93	34
DFLPI6452420	1"1/2	1"1/4	32	63.5	94	35
DFLPI6452424	1"1/2	1"1/2	38	63.5	112	40
DFLPI6453224	2"	1"1/2	38	79.4	115	43
DFLPI6453232	2"	2"	51	79.4	150	56

Note



DRY-SPIRAL FLANGES
FLANGE DRY-SPIRAL

DFLPIR6

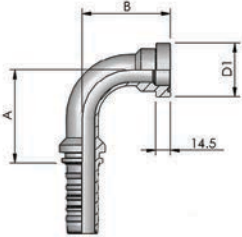
SFC - DRY-SPIRAL SUPERCAT FLANGE
SFC - DRY-SPIRAL FLANGIA SUPERCAT

Norme - Norma:

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
DFLPIR61212	3/4	3/4	19	41.3	84
DFLPIR61612	1"	3/4	19	47.6	84
DFLPIR61616	1"	1"	25	47.6	90
DFLPIR62016	1"1/4	1"	25	54	90
DFLPIR62020	1"1/4	1"1/4	32	54	88
DFLPIR62420	1"1/2	1"1/4	32	63.5	88
DFLPIR62424	1"1/2	1"1/2	38	63.5	84
DFLPIR63224	2"	1"1/2	38	79.4	110
DFLPIR63232	2"	2"	51	79.4	130

Note



DRY-SPIRAL FLANGES
FLANGE DRY-SPIRAL

DFLPIR690

SFC 90° - DRY-SPIRAL SUPERCAT FLANGE 90°

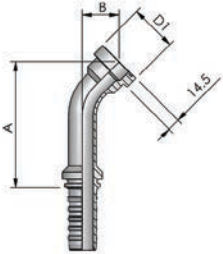
SFC 90° - DRY-SPIRAL FLANGIA 90° SUPERCAT

Norme - Norma:

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
DFLPIR6901212	3/4	3/4	19	41.3	55	64
DFLPIR6901612	1"	3/4	19	47.6	55	64
DFLPIR6901616	1"	1"	25	47.6	71	73
DFLPIR6902016	1"1/4	1"	25	54	71	73
DFLPIR6902020	1"1/4	1"1/4	32	54	87	77
DFLPIR6902420	1"1/2	1"1/4	32	63.5	87	78
DFLPIR6902424	1"1/2	1"1/2	38	63.5	105	90
DFLPIR6903224	2"	1"1/2	38	79.4	105	94
DFLPIR6903232	2"	2"	51	79.4	140	125

Note



DRY-SPIRAL FLANGES
FLANGE DRY-SPIRAL

DFLPIR645

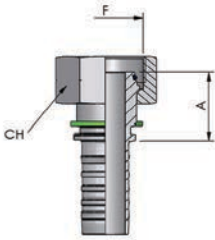
SFC 45° - DRY-SPIRAL SUPERCAT FLANGE 45°
SFC 45° - DRY-SPIRAL FLANGIA 45° SUPERCAT

Norme - Norma:

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
DFLPIR6451212	3/4	3/4	19	41.3	72	34
DFLPIR6451612	1"	3/4	19	47.6	74	36
DFLPIR6451616	1"	1"	25	47.6	86	36
DFLPIR6452016	1"1/4	1"	25	54	86	36
DFLPIR6452020	1"1/4	1"1/4	31.5	54	96	36
DFLPIR6452420	1"1/2	1"1/4	31.5	63.5	96	36
DFLPIR6452424	1"1/2	1"1/2	38	63.5	114	41
DFLPIR6453224	2"	1"1/2	38	79.4	116	44
DFLPIR6453232	2"	2"	51	79.4	152	57

Note



DRY-SPIRAL METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-SPIRAL

DFES

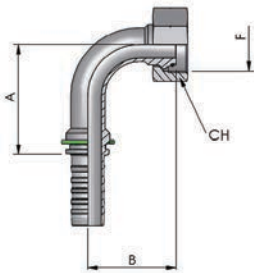
DKOS - DRY-SPIRAL METRIC O-RING FEMALE, 24° CONE, HEAVY
 DKOS - DRY-SPIRAL FEMMINA METRICA O-RING, CONO24°, SERIE PESANTE

Thread - *Filetto*: METRICO - METRIC
 Norme - *Norma*: DIN 3865

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
DFES1608	M24X1,5	1/2	12	16	30	30.4
DFES2010	M30X2	5/8	16	20	36	33.6
DFES2012	M30X2	3/4	19	20	36	37
DFES2512	M36X2	3/4	19	25	46	39
DFES2516	M36X2	1"	25	25	46	41
DFES3016	M42X2	1"	25	30	50	42
DFES3020	M42X2	1"1/4	32	30	50	43
DFES3820	M52X2	1"1/4	32	38	60	48
DFES3824	M52X2	1"1/2	38	38	60	51

Note



DRY-SPIRAL METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-SPIRAL

DC90ES

DKOS 90° - DRY-SPIRAL METRIC O-RING FEMALE 90°, 24° CONE, HEAVY

DKOS 90° - DRY-SPIRAL FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

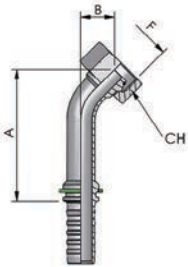
Thread - *Filetto*: METRIC

Norme - *Norma*: DIN 3865

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
DC90ES1608	M24X1,5	1/2	12	16	30	38	44
DC90ES2010	M30x2	5/8	16	20	36	50	51
DC90ES2012	M30X2	3/4	19	20	36	55	55
DC90ES2512	M36X2	3/4	19	25	46	55	55
DC90ES2516	M36X2	1"	25	25	46	71	69
DC90ES3016	M42X2	1"	25	30	50	71	67
DC90ES3020	M42X2	1"1/4	32	30	50	87	83
DC90ES3820	M52X2	1"1/4	32	38	60	87	80
DC90ES3824	M52X2	1"1/2	38	38	60	105	100

Note



DRY-SPIRAL METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-SPIRAL

DC45ES

DKOS 45° - DRY-SPIRAL METRIC O-RING FEMALE 45°, 24° CONE, HEAVY

DKOS 45° - DRY-SPIRAL FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE

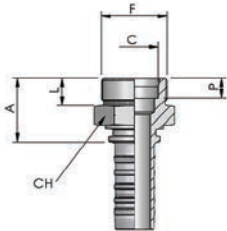
Thread - *Filetto*: METRIC

Norme - *Norma*: DIN 3865

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
DC45ES1608	M24X1,5	1/2	12	16	30	64	22
DC45ES2010	M30x2	5/8	16	20	36	81	26
DC45ES2012	M30X2	3/4	19	20	36	65	27
DC45ES2512	M36X2	3/4	19	25	46	66	28
DC45ES2516	M36X2	1"	25	25	46	83	34
DC45ES3016	M42X2	1"	25	30	50	82	32
DC45ES3020	M42X2	1"1/4	32	30	50	100	40
DC45ES3820	M52X2	1"1/4	32	38	60	97	38
DC45ES3824	M52X2	1"1/2	38	38	60	121	48

Note



DRY-SPIRAL METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-SPIRAL

DMES

CES - DRY-SPIRAL METRIC MALE, 24° CONE, HEAVY
 CES - DRY-SPIRAL MASCHIO METRICO, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRICO - METRIC
 Norme - *Norma*: DIN3861

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
DMES1608	M24X1,5	1/2	12	16	24	34	8,5	14
DMES2010	M30X2	5/8	16	20	30	38,2	10,5	16
DMES2012	M30X2	3/4	19	20	30	34	10,5	16
DMES2512	M36X2	3/4	19	25	36	38	12	18
DMES2516	M36X2	1"	25	25	36	40	12	18
DMES3016	M42X2	1"	25	30	46	44	13,5	20
DMES3020	M42X2	1"1/4	32	30	46	47	13,5	20
DMES3820	M52x2	1"1/4	32	38	55	51	16	22
DMES3824	M52x2	1"1/2	38	38	55	53	16	22

Note



DRY-LOCT

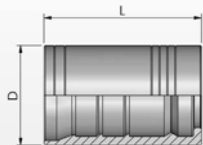
DRY-LOCK FITTINGS RACCORDI DRY-LOCK

1d

DRY-LOCK is a fitting of the Interlock type providing extraordinary services in the spiral hose segment. The lab tests have exceeded 1.000.000 cycles.

DRY-LOCK è un sistema di connessione Interlock che garantisce elevate performances delle condotte spiralate. I test di laboratorio hanno superato 1.000.000 di cicli.

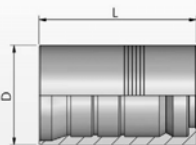
B4I



192

DRY-LOCK SKIVE FERRULE 4SH - R13 -R15
DRY-LOCK BOCCOLA A PRESSARE
4SH - R13 -R15

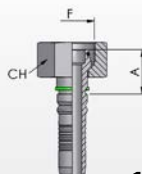
B13



193

DRY-LOCK SKIVE FERRULE R13 -R15
DRY-LOCK BOCCOLA A PRESSARE R13 -R15

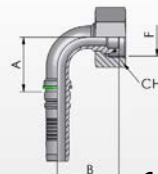
IFES



194

DKOS - DRY-LOCK METRIC O-RING FEMALE,
24° CONE, HEAVY
DKOS - DRY-LOCK FEMMINA METRICA
O-RING, CONO 24°, SERIE PESANTE

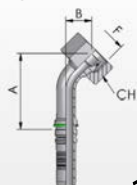
IC90ES



195

DKOS 90° - DRY-LOCK METRIC O-RING
FEMALE 90°, 24° CONE, HEAVY
DKOS 90° - DRY-LOCK FEMMINA 90° METRICA
O-RING, CONO 24°, SERIE PESANTE

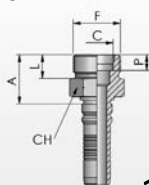
IC45ES



196

DKOS 45° - DRY-LOCK METRIC O-RING
FEMALE 45°, 24° CONE, HEAVY
DKOS 45° - DRY-LOCK FEMMINA 45° METRICA
O-RING, CONO 24°, SERIE PESANTE

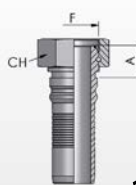
IMES



197

CES - DRY-LOCK METRIC MALE, 24° CONE,
HEAVY
CES - DRY-LOCK MASCHIO METRICO,
CONO 24°, SERIE PESANTE

IFG



198

DKOR - DRY-LOCK BSP FEMALE THRUST
WIRE NUT O-RING, 60° CONE
DKOR - DRY-LOCK FEMMINA BSP DADO
SPINATO O-RING, CONO 60°

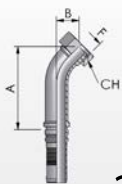
IC90G



199

DKOR 90° - DRY-LOCK BSP FEMALE 90°
THRUST WIRE NUT O-RING, 60° CONE
DKOR 90° - DRY-LOCK FEMMINA 90° BSP
DADO SPINATO O-RING, CONO 60°

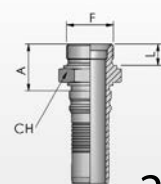
IC45G



200

DKOR 45° - DRY-LOCK BSP FEMALE 45°
THRUST WIRE NUT O-RING, 60° CONE
DKOR 45° - DRY-LOCK FEMMINA 45° BSP
DADO SPINATO O-RING, CONO 60°

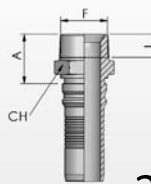
IMG



201

AGR - DRY-LOCK BSPP MALE, 60° CONE
AGR - DRY-LOCK MASCHIO BSPP, CONO 60°

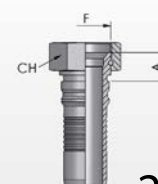
IMNPT



202

AGN - DRY-LOCK NPTF MALE
AGN - DRY-LOCK MASCHIO NPTF

IFJ



203

DKJ - DRY-LOCK JIC FEMALE THRUST WIRE
NUT, 37° CONE
DKJ - DRY-LOCK FEMMINA JIC DADO
SPINATO, CONO 37°

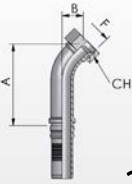
IC90J



204

DKJ 90° - DRY-LOCK JIC FEMALE 90° THRUST
WIRE NUT, 37° CONE
DKJ 90° - DRY-LOCK FEMMINA 90° JIC DADO
SPINATO, CONO 37°

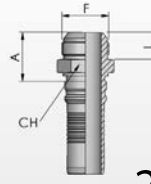
IC45J



205

DKJ 45° - DRY-LOCK JIC FEMALE 45° THRUST
WIRE NUT, 37° CONE
DKJ 45° - DRY-LOCK FEMMINA 45° JIC DADO
SPINATO, CONO 37°

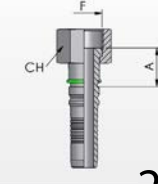
IMJ



206

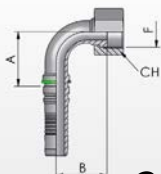
AGJ - DRY-LOCK JIC MALE, 37° CONE
AGJ - DRY-LOCK MASCHIO JIC, CONO 37°

IFORFS



207

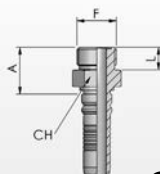
DKO - DRY-LOCK ORFS FEMALE
DKO - DRY-LOCK FEMMINA ORFS

IC90ORFS**208**

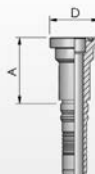
DKO 90° - DRY-LOCK ORFS FEMALE 90°
DKO 90° - DRY-LOCK FEMMINA 90° ORFS

IC45ORFS**209**

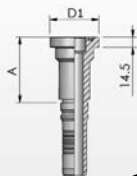
DKO 45° - DRY-LOCK ORFS FEMALE 45°
DKO 45° - DRY-LOCK FEMMINA 45° ORFS

IMORFS**210**

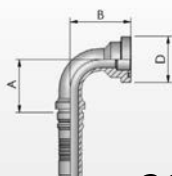
AGO - DRY-LOCK ORFS MALE
AGO - DRY-LOCK MASCHIO ORFS

IFLPI3**211**

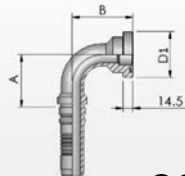
SFL - DRY-LOCK SAE FLANGE 3000 PSI
SFL - DRY-LOCK FLANGIA SAE 3000 PSI

IFLPI6**212**

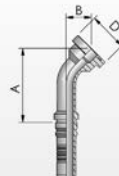
SFS - DRY-LOCK SAE FLANGE 6000 PSI
SFS - DRY-LOCK FLANGIA SAE 6000 PSI

IFLPI390**213**

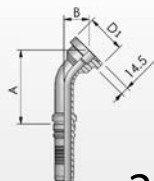
SFL 90° - DRY-LOCK SAE FLANGE 90° 3000 PSI
SFL 90° - DRY-LOCK FLANGIA 90° SAE 3000 PSI

IFLPI690**214**

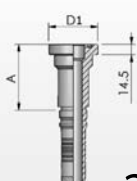
SFS 90° - DRY-LOCK SAE FLANGE 90° 6000 PSI
SFS 90° - DRY-LOCK FLANGIA 90° SAE 6000 PSI

IFLPI345**215**

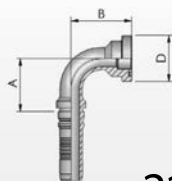
SFL 45° - DRY-LOCK SAE FLANGE 45° 3000 PSI
SFL 45° - DRY-LOCK FLANGIA 45° SAE 3000 PSI

IFLPI645**216**

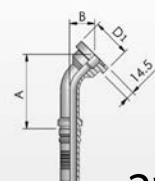
SFS 45° - DRY-LOCK SAE FLANGE 45° 6000 PSI
SFS 45° - DRY-LOCK FLANGIA 45° SAE 6000 PSI

IFLPIR6**217**

SFC - DRY-LOCK SUPERCAT FLANGE
SFC - DRY-LOCK FLANGIA SUPERCAT

IFLPIR690**218**

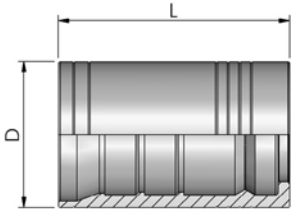
SFC 90° - DRY-LOCK SUPERCAT FLANGE 90°
SFC 90° - DRY-LOCK FLANGIA 90° SUPERCAT

IFLPIR645**219**

SFC 45° - DRY-LOCK SUPERCAT FLANGE 45°
SFC 45° - DRY-LOCK FLANGIA 45° SUPERCAT

index**1d**

192
219



DRY-LOCK FERRULES
BOCCOLE DRY-LOCK

B4I

DRY-LOCK SKIVE FERRULE 4SH - R13 -R15
DRY-LOCK BOCCOLA A PRESSARE 4SH - R13 -R15

Notes

FERRULE FOR HOSE:
DIN EN 856 4SH
SAE 100 R13
SAE 100 R15

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ins. Pel. int	Skive ext. Pel. est.	Hose Type Tipo Tubo
Cod	Inch/Pollici	DN (mm)	D	L	DN (mm)	DN (mm)	
B4I10	5/8	16	34	60	15.5	51	4SH
B4I12	3/4	19	38	60	15,5	52	4SH-R13-R15
B4I16	1"	25	46	75	18	65	4SH-R13-R15
B4I20	1"1/4	32	55	88	23	74	4SH
B4I24	1"1/2	38	62	94	23	81	4SH
B4I32	2"	51	78	100	31	86	4SH

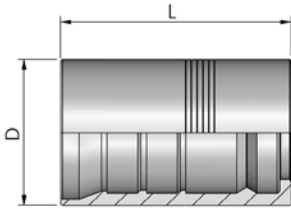
Note

BOCCOLA PER TUBO:
DIN EN 856 4SH
SAE 100 R13
SAE 100 R15

DRY-LOCK FERRULES
BOCCOLE DRY-LOCK

B13

DRY-LOCK SKIVE FERRULE R13 -R15
DRY-LOCK BOCCOLA A PRESSARE R13 -R15



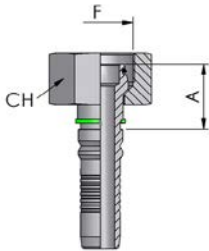
Notes

FERRULE FOR HOSE:
SAE 100 R13
SAE 100 R15

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ins. Pel. int	Skive ext. Pel. est.	Hose Type Tipo Tubo
Cod	Inch/Pollici	DN (mm)	D	L	DN (mm)	DN (mm)	
B1320	1"1/4	32	60	88	23	74	R13-R15
B1324	1"1/2	38	67	94	23	82	R13-R15
B1332	2"	51	85	99	31	85	R13-R15

Note

BOCCOLA PER TUBO:
SAE 100 R13
SAE 100 R15



DRY-LOCK METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-LOCK

IFES

DKOS - DRY-LOCK METRIC O-RING FEMALE, 24° CONE, HEAVY
 DKOS - DRY-LOCK FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRIC
 Norme - *Norma*: DIN 3865

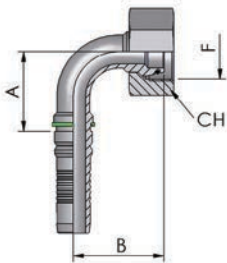
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
IFES2010*	M30X2	5/8	16	20	36	34
IFES2012	M30X2	3/4	19	20	36	33,6
IFES2512	M36X2	3/4	19	25	46	36,6
IFES2516	M36X2	1"	25	25	46	37,6
IFES3016	M42X2	1"	25	30	50	39,7
IFES3820	M52X2	1"1/4	32	38	60	44,1
IFES3824*	M52X2	1"1/2	38	38	60	44

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-LOCK

IC90ES

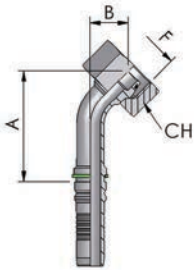
DKOS 90° - DRY-LOCK METRIC O-RING FEMALE 90°, 24° CONE, HEAVY
 DKOS 90° - DRY-LOCK FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRIC
 Norme - *Norma*: DIN 3865

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
IC90ES2012	M30X2	3/4	19	20	36	48	51
IC90ES2512	M36X2	3/4	19	25	46	48	55
IC90ES2516	M36X2	1"	25	25	46	68	66
IC90ES3016	M42X2	1"	25	30	50	68	70
IC90ES3820	M52X2	1"1/4	32	38	60	95	79

Note



DRY-LOCK METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-LOCK

IC45ES

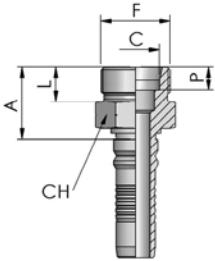
DKOS 45° - DRY-LOCK METRIC O-RING FEMALE 45°, 24° CONE, HEAVY
 DKOS 45° - DRY-LOCK FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRIC
 Norme - *Norma*: DIN 3865

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
IC45ES2012	M30X2	3/4	19	20	36	78	25
IC45ES2512	M36X2	3/4	19	25	46	80	28
IC45ES2516	M36X2	1"	25	25	46	106	31
IC45ES3016	M42X2	1"	25	30	50	109	33
IC45ES3820	M52X2	1"1/4	32	38	60	140	36

Note



DRY-LOCK METRIC FITTINGS 24°
 INSERTI METRICI 24° DRY-LOCK

IMES

CES - DRY-LOCK METRIC MALE, 24° CONE, HEAVY
 CES - DRY-LOCK MASCHIO METRICO, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRIC
 Norme - *Norma*: DIN 3861

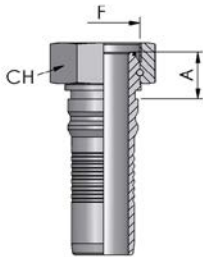
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
IMES2012	M30X2	3/4	19	20	30	34,1	10,5	16
IMES2512	M36X2	3/4	19	25	36	37,1	12	18
IMES2516	M36X2	1"	25	25	36	38	12	18
IMES3016	M42X2	1"	25	30	46	41	13,5	20
IMES3020*	M42X2	1"1/4	32	30	46	38	14	20
IMES3820	M52X2	1"1/4	32	38	55	45,5	16,5	22

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK BSP FITTINGS 60°
 INSERTI BSP 60° DRY-LOCK

IFG

DKOR - DRY-LOCK BSP FEMALE THRUST WIRE NUT O-RING, 60°
 CONE

DKOR - DRY-LOCK FEMMINA BSP DADO SPINATO O-RING, CONO 60°

Thread - *Filetto*: BSP

Norme - *Norma*: BS 5200

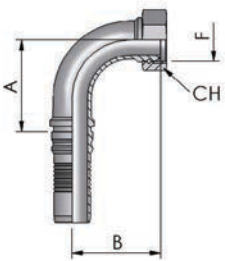
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
IFG1212	3/4-14	3/4	19	32	23,16
IFG1616	1"-11	1"	25	38	23,8
IFG2016*	1"1/4-11	1"	25	50	38
IFG2020	1"1/4-11	1"1/4	32	50	29,3
IFG2424	1"1/2-11	1"1/2	38	55	29
IFG3232	2"-11	2"	51	70	29

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK BSP FITTINGS 60°
 INSERTI BSP 60° DRY-LOCK

IC90G

DKOR 90° - DRY-LOCK BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE

DKOR 90° - DRY-LOCK FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

Thread -Filetto: BSP

Norme - Norma: BS 5200

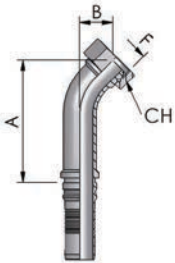
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
IC90G1212	3/4-14	3/4	19	32	47	54
IC90G1616	1"-11	1"	25	38	69	69
IC90G2016*	1"1/4-11	1"	25	50	68	74
IC90G2020	1"1/4-11	1"1/4	32	50	85	80
IC90G2424	1"1/2-11	1"1/2	38	55	96	92
IC90G3232	2"-11	2"	51	70	127	110

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK BSP FITTINGS 60°
 INSERTI BSP 60° DRY-LOCK

IC45G

DKOR 45° - DRY-LOCK BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE

DKOR 45° - DRY-LOCK FEMMINA 45°BSP DADO SPINATO O-RING, CONO 60°

Thread -Filetto: BSP

Norme - Norma: BS 5200

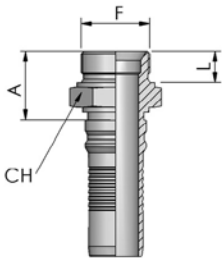
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
IC45G1212	3/4-14	3/4	19	32	80	27
IC45G1616	1"-11	1"	25	38	109	33
IC45G2016*	1"1/4-11	1"	25	50	113	36
IC45G2020	1"1/4-11	1"1/4	32	50	131	37
IC45G2424	1"1/2-11	1"1/2	38	55	149	40
IC45G3232	2"-11	2"	51	70	187	44

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK BSP FITTINGS 60°
 INSERTI BSP 60° DRY-LOCK

IMG

AGR - DRY-LOCK BSPP MALE, 60° CONE
 AGR - DRY-LOCK MASCHIO BSPP, CONO 60°

Thread - *Filetto*: BSPP
 Norme - *Norma*: BS 5200

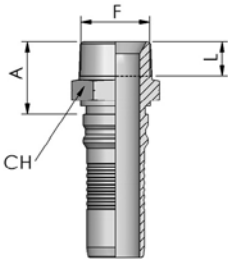
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
IMG1212	3/4-14	3/4	19	32	31,9	16
IMG1616	1"-11	1"	25	41	38,4	20,3
IMG2016*	1"1/4-11	1"	25	50	42,6	20
IMG2020	1"1/4-11	1"1/4	32	50	42	22
IMG2424	1"1/2-11	1"1/2	38	55	45,5	22
IMG3232	2"-11	2"	51	70	53	24

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK NPT FITTING 60°
 INSERTI NPT 60° DRY-LOCK

IMNPT

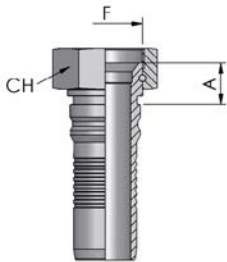
AGN - DRY-LOCK NPTF MALE
 AGN - DRY-LOCK MASCHIO NPTF

Thread -Filetto: NPT

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
IMNPT1212	3/4-14	3/4	19	27	34,1	19
IMNPT1616	1"-11,5	1"	25	36	41	23,9
IMNPT2020	1"1/4-11,5	1"1/4	32	46	46,6	24,6
IMNPT2424	1"1/2-11,5	1"1/2	38	50	47,9	25,4
IMNPT3232	2"-11,5	2"	51	65	54,23	26,2

Note



DRY-LOCK JIC FITTINGS 37°
 INSERTI JIC 37° DRY-LOCK

IFJ

DKJ - DRY-LOCK JIC FEMALE THRUST WIRE NUT, 37° CONE
 DKJ - DRY-LOCK FEMMINA JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J514

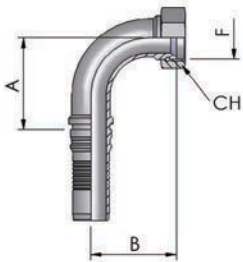
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
IFJ2010*	1"1/16-12	5/8	16	32	20,1
IFJ2012	1"1/16-12	3/4	19	32	19,4
IFJ2512	1"5/16-12	3/4	19	41	21,1
IFJ2516	1"5/16-12	1"	25	41	22
IFJ3416*	1"5/8-12	1"	25	50	24
IFJ3420	1"5/8-12	1"1/4	32	50	24,6
IFJ4020*	1"7/8-12	1"1/4	32	55	25
IFJ4024	1"7/8-12	1"1/2	38	55	25,35
IFJ5032	2"1/2-12	2"	51	70	31,5

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK JIC FITTINGS 37°
 INSERTI JIC 37° DRY-LOCK

IC90J

DKJ 90° - DRY-LOCK JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
 DKJ 90° - DRY-LOCK FEMMINA 90° JIC DADO SPINATO, CONO 37°

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J514

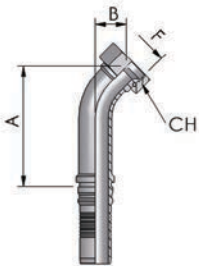
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
IC90J2012	1"1/16-12	3/4	19	32	47	50
IC90J2512	1"5/16-12	3/4	19	41	47	53
IC90J2516	1"5/16-12	1"	25	41	69	64
IC90J3416*	1"5/8-12	1"	25	50	68	70
IC90J3420	1"5/8-12	1"1/4	32	50	85	77
IC90J4020*	1"7/8-12	1"1/4	32	55	84	79
IC90J4024	1"7/8-12	1"1/2	38	55	96	89
IC90J5032	2"1/2-12	2"	51	70	122	132

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK JIC FITTINGS 37°
 INSERTI JIC 37° DRY-LOCK

IC45J

DKJ 45° - DRY-LOCK JIC FEMALE 45° THRUST WIRE NUT, 37° CONE
 DKJ 45° - DRY-LOCK FEMMINA 45° JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN

Norme - Norma: SAE J514

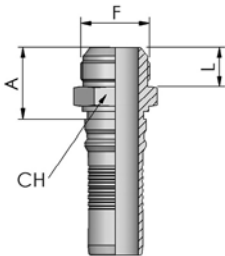
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
IC45J2012	1"1/16-12	3/4	19	32	75	25
IC45J2512	1"5/16-12	3/4	19	41	79	26
IC45J2516	1"5/16-12	1"	25	41	106	29
IC45J3416*	1"5/8-12	1"	25	50	110	33
IC45J3420	1"5/8-12	1"1/4	32	50	129	35
IC45J4024	1"7/8-12	1"1/2	38	55	147	38
IC45J5032	2"1/2-12	2"	51	70	141	68

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK JIC FITTINGS 37°
 INSERTI JIC 37° DRY-LOCK

IMJ

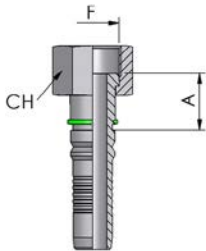
AGJ - DRY-LOCK JIC MALE, 37° CONE
 AGJ - DRY-LOCK MASCHIO JIC, CONO 37°

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
IMJ2012	1"1/16-12	3/4	19	27	37,2	21,9
IMJ2512	1"5/16-12	3/4	19	34	38,7	23
IMJ2516	1"5/16-12	1"	25	34	39,7	23
IMJ3420	1"5/8-12	1"1/4	32	42	44,3	24,3
IMJ4024	1"7/8-12	1"1/2	38	50	49,7	27,5
IMJ5032	2"1/2-12	2"	51	65	61	34

Note



DRY-LOCK ORFS FITTINGS
 INSERTI ORFS DRY-LOCK

IFORFS

DKO - DRY-LOCK ORFS FEMALE
 DKO - DRY-LOCK FEMMINA ORFS

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J1453

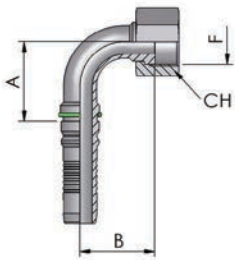
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
IFORFS1810*	1"-14	5/8	16	30	28,5
IFORFS2212	1"3/16-12	3/4	19	36	30,7
IFORFS2616	1"7/16-12	1"	25	41	32,1
IFORFS3620	1"11/16-12	1"1/4	32	50	33,4
IFORFS4624	2"-12	1"1/2	38	60	41

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK ORFS FITTINGS
 INSERTI ORFS DRY-LOCK

IC90ORFS

DKO 90° - DRY-LOCK ORFS FEMALE 90°
 DKO 90° - DRY-LOCK FEMMINA 90° ORFS

Thread - Filetto: UNF-UN
 Norme - Norma: SAE J1453

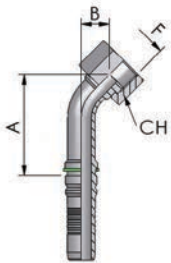
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
IC90ORFS1810*	1"-14	5/8	16	30	45	45
IC90ORFS2212	1"3/16-12	3/4	19	36	48	46
IC90ORFS2612*	1"7/16-12	3/4	19	41	45	57
IC90ORFS2616	1"7/16-12	1"	25	41	68	63
IC90ORFS3620	1"11/16-12	1"1/4	32	50	83	74
IC90ORFS4624	2"-12	1"1/2	38	60	102	84

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK ORFS FITTINGS
 INSERTI ORFS DRY-LOCK

IC45ORFS

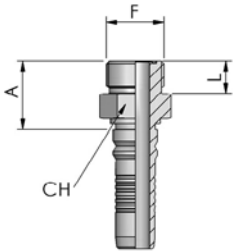
DKO 45° - DRY-LOCK ORFS FEMALE 45°
 DKO 45° - DRY-LOCK FEMMINA 45° ORFS

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J1453

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
IC45ORFS2212	1"3/16-12	3/4	19	36	74	21
IC45ORFS2616	1"7/16-12	1"	25	41	104	29
IC45ORFS3620	1"11/16-12	1"1/4	32	50	96	42
IC45ORFS4624	2"-12	1"1/2	38	60	148	35

Note



DRY-LOCK ORFS FITTINGS
 INSERTI ORFS DRY-LOCK

IMORFS

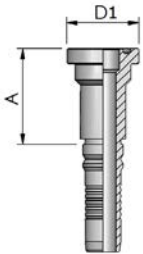
AGO - DRY-LOCK ORFS MALE
 AGO - DRY-LOCK MASCHIO ORFS

Thread - *Filetto*: UNF-UN
 Norme - *Norma*: SAE J1453

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
IMORFS2212	1"3/16-12	3/4	19	32	38,6	17
IMORFS2616	1"7/16-12	1"	25	41	43,5	17,5
IMORFS3620	1"11/16-12	1"1/4	32	46	46,9	17,5
IMORFS4624	2"-12	1"1/2	38	55	50,1	17,5

Note



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI3

SFL - DRY-LOCK SAE FLANGE 3000 PSI

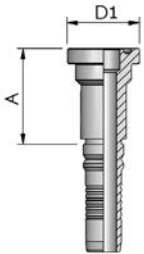
SFL - DRY-LOCK FLANGIA SAE 3000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
IFLPI31212	3/4	3/4	19	38,1	51,1
IFLPI31616	1"	1"	25	44,5	57,8
IFLPI32020	1"1/4	1"1/4	32	50,8	63,6
IFLPI32424	1"1/2	1"1/2	38	60,4	68
IFLPI33232	2"	2"	51	71,4	76,1

Note



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI6

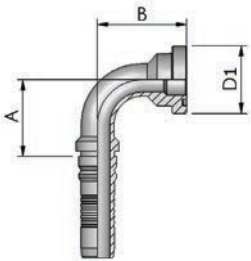
SFS - DRY-LOCK SAE FLANGE 6000 PSI
SFS - DRY-LOCK FLANGIA SAE 6000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
IFLPI61212	3/4	3/4	19	41,3	57,6
IFLPI61612	1"	3/4	19	47,6	60,1
IFLPI61616	1"	1"	25	47,6	63,8
IFLPI62016	1"1/4	1"	25	54,0	67,8
IFLPI62020	1"1/4	1"1/4	32	54,0	69,1
IFLPI62420	1"1/2	1"1/4	32	63,5	78,6
IFLPI62424	1"1/2	1"1/2	38	63,5	78,4
IFLPI63232	2"	2"	51	79,4	99,1

Note



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI390

SFL 90° - DRY-LOCK SAE FLANGE 90° 3000 PSI

SFL 90° - DRY-LOCK FLANGIA 90° SAE 3000 PSI

Norme - Norma: SAE J518

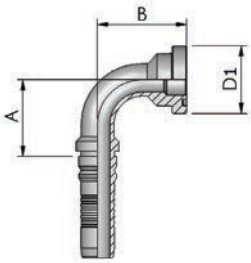
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
IFLPI3901212	3/4	3/4	19	38,1	47	50
IFLPI3901612*	1"	3/4	19	44,5	45	57
IFLPI3901616	1"	1"	25	44,5	69	70
IFLPI3902020	1"1/4	1"1/4	32	50,8	85	73
IFLPI3902420*	1"1/2	1"1/4	32	60,3	82	85
IFLPI3902424	1"1/2	1"1/2	38	60,4	96	86
IFLPI3903232	2"	2"	51	71,4	127	130

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI690

SFS 90° - DRY-LOCK SAE FLANGE 90° 6000 PSI

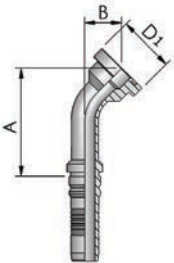
SFS 90° - DRY-LOCK FLANGIA 90° SAE 6000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
IFLPI6901212	3/4	3/4	19	41,28	47	54
IFLPI6901612	1"	3/4	19	47,63	47	60
IFLPI6901616	1"	1"	25	47,63	69	71
IFLPI6902016	1"1/4	1"	25	54,0	69	78
IFLPI6902020	1"1/4	1"1/4	32	54,0	85	84
IFLPI6902420	1"1/2	1"1/4	32	63	85	93
IFLPI6902424	1"1/2	1"1/2	38	63,5	96	101
IFLPI6903232	2"	2"	51	79,38	127	131

Note



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI345

SFL 45° - DRY-LOCK SAE FLANGE 45° 3000 PSI

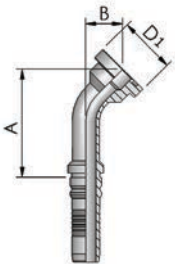
SFL 45° - DRY-LOCK FLANGIA 45° SAE 3000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
IFLPI3451212	3/4	3/4	19	38,1	77	24
IFLPI3451616	1"	1"	25	44,5	110	34
IFLPI3452020	1"1/4	1"1/4	32	50,8	126	32
IFLPI3452424	1"1/2	1"1/2	38	60,3	144	36
IFLPI3453232	2"	2"	51	71,4	185	42

Note



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI645

SFS 45° - DRY-LOCK SAE FLANGE 45° 6000 PSI

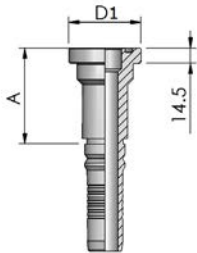
SFS 45° - DRY-LOCK FLANGIA 45° SAE 6000 PSI

Norme - Norma: SAE J518

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
IFLPI6451212	3/4	3/4	19	41,3	80	27
IFLPI6451612	1"	3/4	19	47,6	84	31
IFLPI6451616	1"	1"	25	47,6	111	34
IFLPI6452016	1"1/4	1"	25	54,0	116	39
IFLPI6452020	1"1/4	1"1/4	32	54,0	134	40
IFLPI6452420	1"1/2	1"1/4	32	63,5	140	46
IFLPI6452424	1"1/2	1"1/2	38	63,5	155	46
IFLPI6453232	2"	2"	51	79,4	202	59

Note



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPIR6

SFC - DRY-LOCK SUPERCAT FLANGE
SFC - DRY-LOCK FLANGIA SUPERCAT

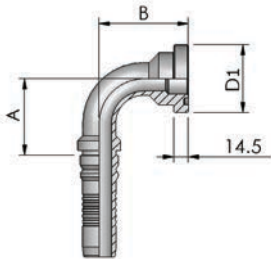
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
IFLPIR61212	3/4	3/4	19	41,3	94,8
IFLPIR61612	1"	3/4	19	47,6	100,1
IFLPIR61616	1"	1"	25	47,6	128,1
IFLPIR62016	1"1/4	1"	25	54,0	134,1
IFLPIR62020	1"1/4	1"1/4	32	54,0	152
IFLPIR62424*	1"1/2	1"1/2	38	63,5	81,4

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPIR690

SFC 90° - DRY-LOCK SUPERCAT FLANGE 90°
SFC 90° - DRY-LOCK FLANGIA 90° SUPERCAT

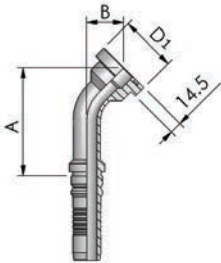
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
IFLPIR6901212	3/4	3/4	19	41,3	47	60
IFLPIR6901612	1"	3/4	19	47,6	47	65
IFLPIR6901616	1"	1"	25	47,6	69	76
IFLPIR6902016	1"1/4	1"	25	54,0	69	82
IFLPIR6902020	1"1/4	1"1/4	32	54,0	85	88
IFLPIR6902420*	1"1/2	1"1/4	32	63,5	90	97

Note

* ARTICOLO IN ESAURIMENTO



DRY-LOCK FLANGES
FLANGE DRY-LOCK

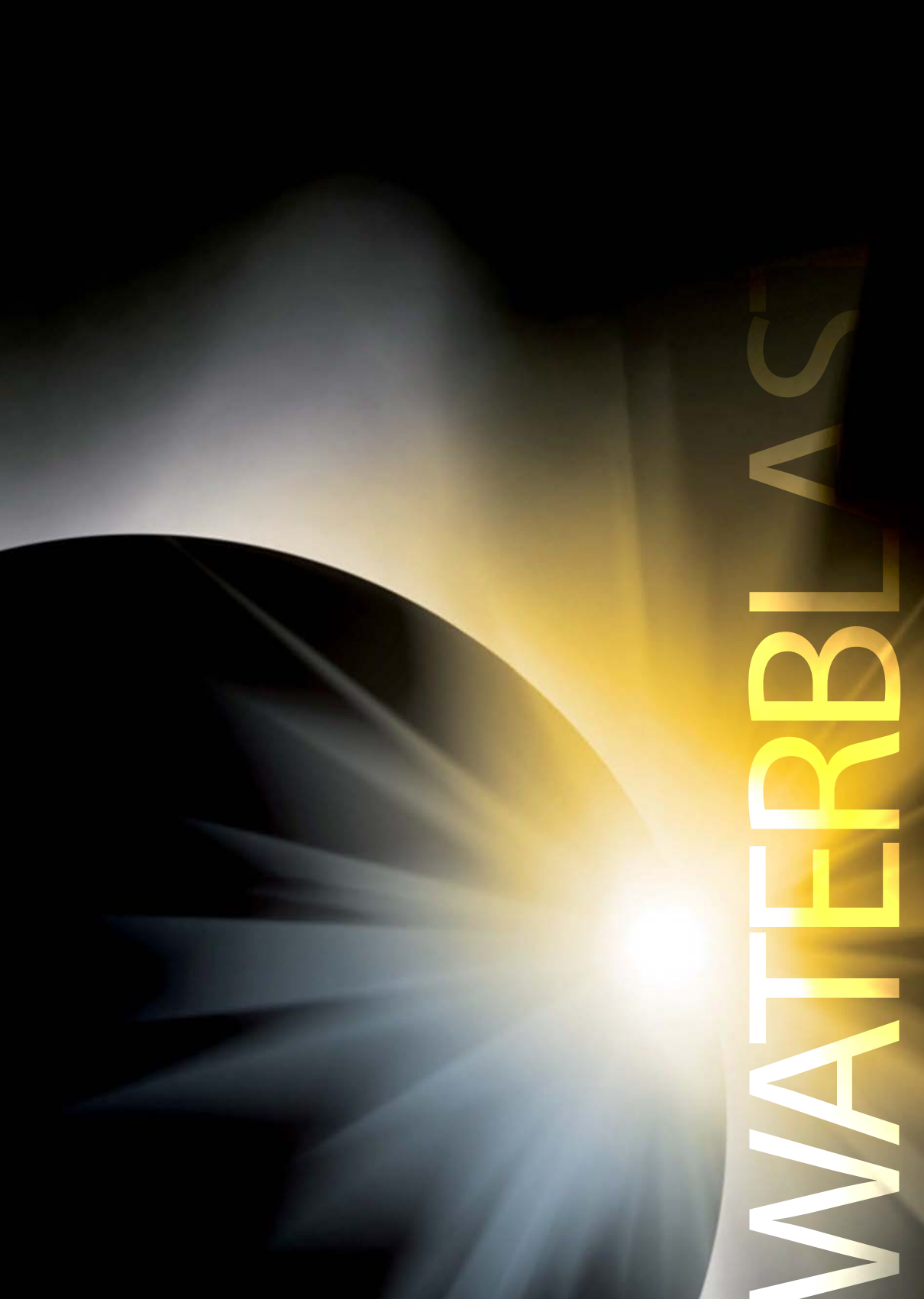
IFLPIR645

SFC 45° - DRY-LOCK SUPERCAT FLANGE 45°
SFC 45° - DRY-LOCK FLANGIA 45° SUPERCAT

Notes

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
IFLPIR6451212	3/4	3/4	19	41,3	84	31
IFLPIR6451612	1"	3/4	19	47,6	88	35
IFLPIR6451616	1"	1"	25	47,6	114	38
IFLPIR6452016	1"1/4	1"	25	54,0	119	42
IFLPIR6452020	1"1/4	1"1/4	32	54,0	137	43

Note



WATERBLAS

WATERBLAST FITTINGS RACCORDI WATERBLAST



The **WaterBlast** range is characterized for resistance and functionality guaranteeing safety and excellent performance in the washing lines.

The **WaterBlast** fittings have been developed for the hoses from 700 to 1200 bars, with 4 or 6 spirals.

The high pressure hoses are used in the following applications:

- Surface renovation
- Ship maintenance
- Runway cleaning
- Swimming pool cleaning
- Paint removal

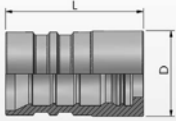
La gamma **WaterBlast** si caratterizza per resistenza e funzionalità garantendo sicurezza e ottime performance nelle linee di lavaggio.

I raccordi **WaterBlast** sono stati sviluppati per tubazioni da 700 a 1200 bar, con 4 o 6 spirali.

Le condotte ad altissime pressioni sono utilizzate nelle seguenti applicazioni:

- Pulizia delle superfici
- Manutenzione navale
- Rimozione pitture stradali
- Pulizia piscine
- Rimozione vernici

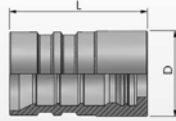
B4WB



224

SKIVE FERRULE WATERBLAST
FOR HOSE 4 SPIRALS
BOCCOLE WATERBLAST A PELARE
PER TUBI 4 SPIRALI

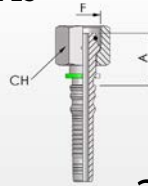
B6WB



225

SKIVE FERRULE WATERBLAST
FOR HOSE 6 SPIRALS
BOCCOLE WATERBLAST A PELARE
PER TUBI 6 SPIRALI

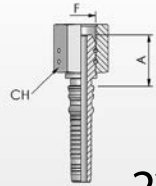
WBFES



226

DKOS - WATERBLAST METRIC O-RING
FEMALE, 24° CONE, HEAVY
DKOS - WATERBLAST FEMMINA METRICA
O-RING, CONO 24°, SERIE PESANTE

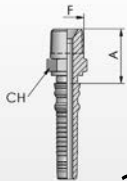
WBFGB



227

DKR - WATERBLAST BSP FEMALE
THRUST WIRE NUT, 60°
DKR - WATERBLAST FEMMINA BSP
DADO SPINATO, CONO 60°

WBMNPT



228

AGN - WATERBLAST NPTF MALE
AGN - WATERBLAST MASCHIO NPTF

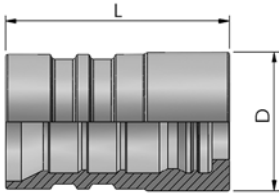
index

1e

224

228





SKIVE FERRULE WATERBLAST
BOCCOLE WATERBLAST A PELARE

B4WB

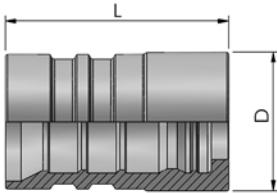
SKIVE FERRULE WATERBLAST FOR HOSE 4 SPIRALS
BOCCOLE WATERBLAST A PELARE PER TUBI 4 SPIRALI

Norme - Norma:

Notes

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ins. Pel. int	Skive ext. Pel. est.	Hose Type Tipo Tubo
Cod	Inch/Pollici	DN (mm)	D	L	DN (mm)	DN (mm)	
B4WB04	1/4"	6	24	50	17	38	
B4WB06	3/8"	10	28	54	17	47	
B4WB08	1/2"	12	36	58	18,5	50	
B4WB12	3/4"	19	42	65	20	56	
B4WB16	1"	25	50	82	20	72	

Note



SKIVE FERRULE WATERBLAST
BOCCOLE WATERBLAST A PELARE

B6WB

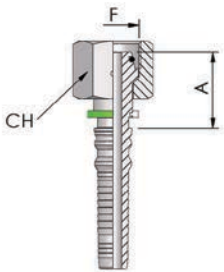
SKIVE FERRULE WATERBLAST FOR HOSE 6 SPIRALS
BOCCOLE WATERBLAST A PELARE PER TUBI 6 SPIRALI

Norme - Norma:

Notes

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ins. Pel. int	Skive ext. Pel. est.	Hose Type Tipo Tubo
Cod	Inch/Pollici	DN (mm)	D	L	DN (mm)	DN (mm)	
B6WB04	1/4"	6	27	50	17	40	
B6WB06	3/8"	10	32	54	17	44	
B6WB08	1/2"	12	36,5	58	18,5	50	
B6WB12	3/4"	19	44	65	20	55	
B6WB16	1"	25	-	-	20	-	

Note



WATERBLAST METRIC FITTINGS 24°
 INSERTI METRICI 24° WATERBLAST

WBFES

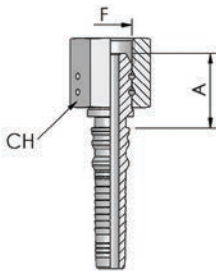
DKOS - WATERBLAST METRIC O-RING FEMALE, 24° CONE, HEAVY
 DKOS - WATERBLAST FEMMINA METRICA O-RING, CONO24°, SERIE PESANTE

Thread - *Filetto*: METRIC
 Norme - *Norma*:

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
WBFES1004	M18x1,5	1/4"	6	10	22	27
WBFES1204	M20x1,5	1/4"	6	12	24	31
WBFES1406	M22x1,5	3/8"	10	14	27	32
WBFES1606	M24x1,5	3/8"	10	16	32	34
WBFES1608	M24x1,5	1/2"	12	16	32	34
WBFES2512	M36x2	3/4"	19	25	46	44
WBFES3016	M42x2	1"	25	30	50	45

Note



WATERBLAST BSP FITTINGS 60°
 INSERTI BSP 60° WATERBLAST

WBFG

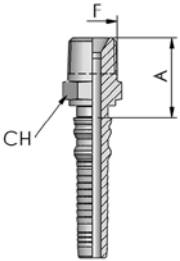
DKR - WATERBLASTBSP FEMALE THRUST WIRE NUT, 60°
 DKR - WATERBLAST FEMMINA BSP DADO SPINATO, CONO 60°

Thread - Filetto: BSP
 Norme - Norma:

Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
WBFG0404	1/4"-19	1/4"	6	22	24
WBFG0606	3/8"-19	3/8"	10	25	26
WBFG0808	1/2"-14	1/2"	12	30	32
WBFG1212	3/4"-14	3/4"	19	36	34
WBFG1616	1"-11	1"	25	46	37

Note



WATERBLAST NPT FITTINGS
 INSERTI NPT WATERBLAST

WBMNPT

AGN - WATERBLAST NPTF MALE
 AGN - WATERBLAST MASCHIO NPTF

Thread - *Filetto*: NPTF
 Norme - *Norma*:


Notes

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
WBMNPT0404	1/4"-19	1/4"	6	17	28
WBMNPT0606	3/8"-19	3/8"	10	19	32
WBMNPT0808	1/2"-14	1/2"	12	22	37
WBMNPT1212	3/4"-14	3/4"	19	27	37,5
WBMNPT1616	1"-11	1"	25	36	47,5

Note



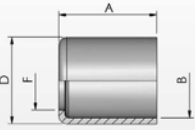
LOW profile



LOW PRESSURE
BASSA PRESSIONE

1 f

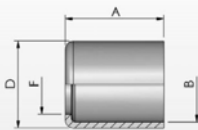
BA



234

ALLUMINIUM FERRULE
BOCCOLA IN ALLUMINIO

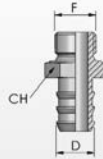
BF



235

STEEL FERRULE
BOCCOLA IN FERRO

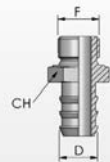
MBP



236

BSPP MALE
MASCHIO BSPP

MBPM



238

METRIC MALE
MASCHIO METRICO

OBP



239

FEMALE, 60° CONE
FEMMINA SEDE OGIVA, CONO 60°

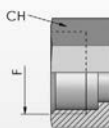
P90BP



240

FEMALE 90°, 60° CONE
FEMMINA 90°, CONO 60°

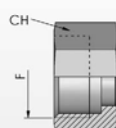
DBP



241

BSP NUT
DADO BSP

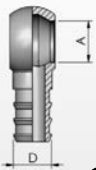
DBPM



242

METRIC NUT
DADO METRICO

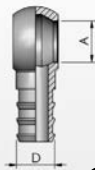
OCBP



243

BSP BANJO
OCCHIO BSP

OCBPM



244

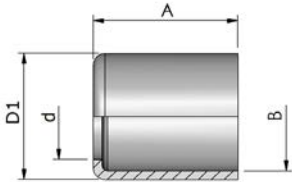
METRIC BANJO
OCCHIO METRICO

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LOW PRESSURE FERRULES
BOCCOLE BASSA PRESSIONE

BA

ALLUMINIUM FERRULE
BOCCOLA IN ALLUMINIO

Notes

* WHILE STOCKS LAST

Note

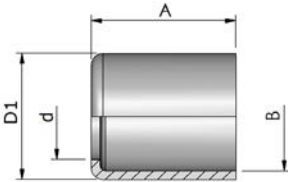
* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)			
	A	D1	B	d
BA1214	16,5	14	12	8
BA1315	20	15	13,5	9
BA1416	20	16	14	9
BA1517	20	17	15	11
BA1618	23	18	16	11,5
BA1719	23	19	17,5	12
BA1820	23	20	18	12
BA2022	25	22	20	15
BA2123	25	23	21	15
BA2224	25,5	24	22	15
BA2325	25,5	25	23	16
BA2426	25,5	26	24	15
BA2628	30	28	26	20
BA2830	30	30	28	20
BA3032	31	32	30	21
BA3335	34	35	33	26
BA3436	35	36	34	27
BA3638	36	38	36	26
BA3840	36	40	38	27
BA4750	50	50	47	37
BA5155	50	55	51	44
BA7680*	73	80	76	62
BA8690*	75	90	86	72

LOW PRESSURE FERRULES
BOCCOLE BASSA PRESSIONE

BF

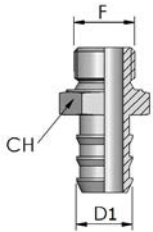
STEEL FERRULE
BOCCOLA IN FERRO



Notes

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)			
	A	D1	B	d
BF2124	31	24	21	16
BF2225	31	25	22	16
BF2427	31	27	24	18
BF2730	34	30	27	20
BF2932	35	32	29	21
BF3235	36	35	32	23
BF3538	36	38	35	27
BF3740	38	40	37	28
BF3942	40	42	39	29
BF4245	42	45	42	32
BF4650	46	50	46	34
BF4852	46	52	48	35
BF5155	48	55	51	42
BF5660	50	60	56	43
BF6065	51	65	60	45
BF6570	54	70	65	53
BF7075	56	75	70	55
BF7682	64	82	76	65
BF8085	64	85	80	68
BF8590	63	90	85	68
BF95100	68	100	95	78
BF100105	76	105	100	84

Note



LOW PRESSURE MALES
MASCHI BASSA PRESSIONE

MBP

BSPP MALE
MASCHIO BSPP

Thread -Filetto: BSPP

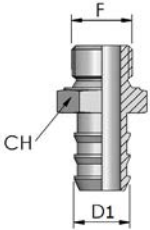
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
	F	CH	D1
MBP0406	1/4-19	14	6
MBP0408	1/4-19	14	8
MBP0410	1/4-19	17	10
MBP0413*	1/4-19	15	13
MBP0606*	3/8-19	17	6
MBP0608	3/8-19	17	8
MBP0610	3/8-19	17	10
MBP0613	3/8-19	19	13
MBP0616	3/8-19	19	16
MBP0810	1/2-14	22	10
MBP0813	1/2-14	22	13
MBP0816	1/2-14	22	16
MBP0819	1/2-14	24	19
MBP1216	3/4-14	27	16
MBP1219	3/4-14	27	19
MBP1225	3/4-14	30	25
MBP1232	3/4-14	34	32
MBP1619	1"-11	34	19
MBP1625	1"-11	34	25
MBP1632	1"-11	36	32
MBP2032	1"1/4-11	42	32
MBP2035*	1"1/4-11	50	35
MBP2038	1"1/4-11	42	38



LOW PRESSURE MALES
 MASCHI BASSA PRESSIONE

MBP

BSPP MALE
 MASCHIO BSPP

Thread -Filetto: BSPP

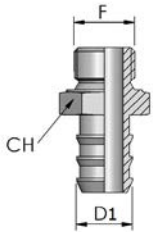
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
	F	CH	D1
MBP2040*	1"1/4-11	50	40
MBP2438	1"1/2-11	50	38
MBP2440*	1"1/2-11	55	40
MBP3250	2"-11	60	50
MBP4060	2"1/2-11	75	61
MBP4875	3"-11	90	77

Note

* ARTICOLO IN ESAURIMENTO



LOW PRESSURE MALES
 MASCHI BASSA PRESSIONE

MBPM

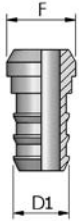
METRIC MALE
 MASCHIO METRICO

Thread -Filetto: METRIC

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
		F	D1
MBPM1408	M14X1,5	17	8
MBPM1410	M14X1,5	17	10
MBPM1613	M16x1,5	17	13
MBPM1810	M18X1,5	19	10
MBPM1813	M18X1,5	19	13
MBPM1816	M18X1,5	22	16

Note



LOW PRESSURE FEMALES
FEMMINA BASSA PRESSIONE

OBP

FEMALE, 60° CONE
FEMMINA SEDE OGIVA, CONO 60°

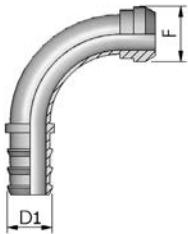
Notes

A: CODE FOR NUT TO USE
* WHILE STOCKS LAST

Note

A: CODICE DADO DA UTILIZZARE
* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
	F	A	D1
OBP0406	1/4-19	DBP04	6
OBP0408	1/4-19	DBP04	8
OBP0606	3/8-19	DBP06	6
OBP0608	3/8-19	DBP06	8
OBP0610	3/8-19	DBP0613	10
OBP0613*	3/8-19	DBP0613	13
OBP0810	1/2-14	DBP08	10
OBP0813	1/2-14	DBP08	13
OBP0816	1/2-14	DBP08	16
OBP1216	3/4-14	DBP12	16
OBP1219	3/4-14	DBP12	19
OBP1225*	3/4-14	DBP12	25
OBP1619	1"-11	DBP16	19
OBP1622*	1"-11	DBP16	22
OBP1625	1"-11	DBP16	25
OBP1810*	M18x1,5	DBPM18	11
OBP1813*	M18x1,5	DBPM18	13
OBP2032	1"1/4-11	DBP20	32
OBP2438	1"1/2-11	DBP24	39
OBP3250	2"-11	DBP32	50
OBP4060	2"1/2-11	DBP40	61
OBP4875	3"-11	DBP48	77



LOW PRESSURE FEMALES 90°
FEMMINE 90° BASSA PRESSIONE

P90BP

FEMALE 90°, 60° CONE
FEMMINA 90°, CONO 60°

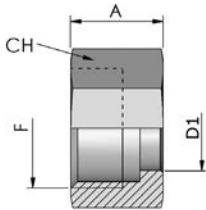
Notes

A: CODE FOR NUT TO USE

Note

A: CODICE DADO DA UTILIZZARE

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
		F	D1
P90BP0406	1/4-19	DBP04	6
P90BP0608	3/8-19	DBP06	8
P90BP0610	3/8-19	DBP0613	10
P90BP0810	1/2-14	DBP08	10
P90BP0813	1/2-14	DBP08	13
P90BP1213	3/4-14	DBP12	13
P90BP1216	3/4-14	DBP12	16
P90BP1219	3/4-14	DBP12	19
P90BP1619	1"-11	DBP16	19
P90BP1625	1"-11	DBP16	25
P90BP2025	1"1/4-11	DBP20	25
P90BP2032	1"1/4-11	DBP20	32
P90BP2438	1"1/2-11	DBP24	39
P90BP3250	2"-11	DBP32	50
P90BP4060	2"1/2-11	DBP40	61



LOW PRESSURE NUTS
DADI BASSA PRESSIONE

DBP

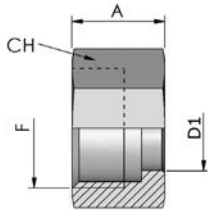
BSP NUT
DADO BSP

Thread -Filetto: BSP

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni		
	F	CH	A	D1
DBP04	1/4-19	17	13	9,2
DBP06	3/8-19	19	14,5	11,2
DBP0613	3/8-19	19	14,5	13,2
DBP08	1/2-14	24	16	16,2
DBP12	3/4-14	30	18,5	22,2
DBP16	1"-11	38	22	28,2
DBP20	1"1/4-11	46	22	35,5
DBP24	1"1/2-11	55	23	41,5
DBP32	2"-11	65	25	52,3
DBP40	2"1/2-11	85	32	65,5
DBP48	3"-11	100	33	79

Note



LOW PRESSURE NUTS
DADI BASSA PRESSIONE

DBPM

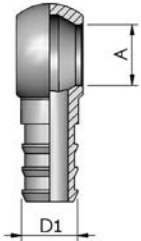
METRIC NUT
DADO METRICO

Thread - Filetto: METRIC

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni		
		F	CH	A
DBPM14	M14X1,5	17	13,5	9,2
DBPM18	M18X1,5	22	14,5	13,2

Note



LOW PRESSURE BANJOS
OCCHI BASSA PRESSIONE

OCBP

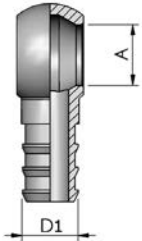
BSP BANJO
OCCHIO BSP

Thread - Filetto: BSP

Notes

Note

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)	
	A	D1
OCBP0406	1/4	6
OCBP0408	1/4	8
OCBP0410	1/4	10
OCBP0608	3/8	8
OCBP0610	3/8	10
OCBP0613	3/8	13
OCBP0616	3/8	16
OCBP0810	1/2	10
OCBP0813	1/2	13
OCBP0816	1/2	16
OCBP0819	1/2	19
OCBP1216	3/4	16
OCBP1219	3/4	19
OCBP1225	3/4	25
OCBP1625	1"	25



LOW PRESSURE BANJOS
OCCHI BASSA PRESSIONE

OCBPM

METRIC BANJO
OCCHIO METRICO

Thread - Filetto: METRIC

Notes

Note

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)	
	A	D1
OCBPM0806	M8	6
OCBPM1006	M10	6
OCBPM1008	M10	8
OCBPM1206	M12	6
OCBPM1208	M12	8
OCBPM1406	M14	6
OCBPM1408	M14	8
OCBPM1410	M14	10
OCBPM1608	M16	8
OCBPM1610	M16	10
OCBPM1810	M18	10
OCBPM1813	M18	13
OCBPM1816	M18	16
OCBPM2213	M22	13
OCBPM2216	M22	16



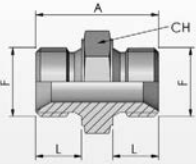
ADAPTIC

ADAPTORS ADATTATORI 2

The entire range of adaptors is made according to the norm, the main production lines are **BSP, NPT, JIC** and **DIN**.

L'intera gamma degli adattatori viene realizzata secondo le vigenti normative, le principali linee di produzione sono **BSP, NPT, JIC** e **DIN**.

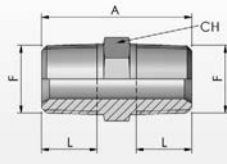
GIG



256

MALE BSPP X MALE BSPP, 60° CONE
MASCHIO BSPP X MASCHIO BSPP, CONO 60°

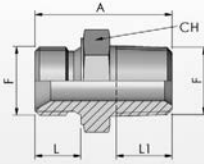
GIGCON



257

MALE BSPT X MALE BSPT, 60° CONE
MASCHIO BSPT X MASCHIO BSPT, CONO 60°

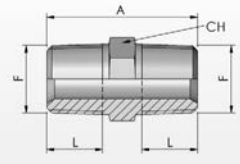
GIGCC



258

MALE BSPP X MALE BSPT, 60° CONE
MASCHIO BSPP X MASCHIO BSPT, CONO 60°

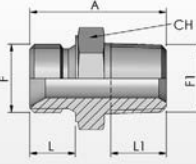
GIGNPT



259

MALE NPTF X MALE NPTF, 60° CONE
MASCHIO NPTF X MASCHIO NPTF, CONO 60°

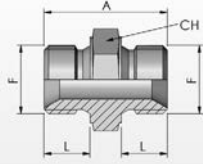
GNPT



260

MALE BSPP X MALE NPTF, 60° CONE
MASCHIO BSPP X MASCHIO NPTF, CONO 60°

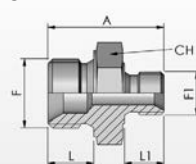
GIM



261

MALE METRIC X MALE METRIC, 60° CONE
MASCHIO METRICO X MASCHIO METRICO,
CONO 60°

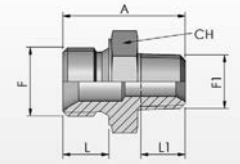
RIG



262

REDUCTION MALE BSPP X MALE BSPP,
60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO
BSPP, CONO 60°

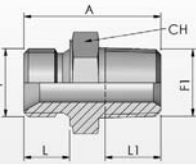
RIGCC



263

REDUCTION MALE BSPP X MALE BSPT,
60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO
BSPT, CONO 60°

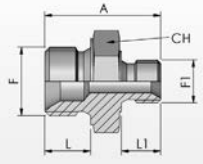
RNPT



264

REDUCTION MALE BSPP X MALE NPTF,
60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO
NPTF, CONO 60°

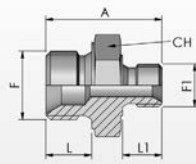
RIGM



265

REDUCTION MALE BSPP X MALE METRIC,
60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO
METRICO, CONO 60°

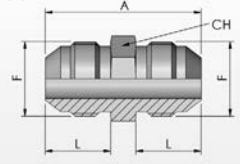
RIMM



266

REDUCTION MALE METRIC X MALE METRIC,
60° CONE
RIDUZIONE MASCHIO METRICO X MASCHIO
METRICO, CONO 60°

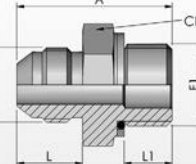
5017



267

MALE JIC X MALE JIC, 37° CONE
MASCHIO JIC X MASCHIO JIC, CONO 37°

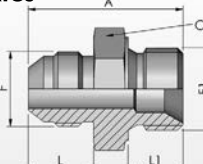
5019



268

MALE BSPP O-RING X MALE JIC 37° CONE
MASCHIO BSPP O-RING X MASCHIO JIC
CONO 37°

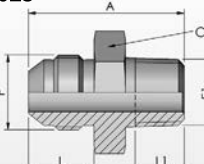
RIGJ



270

REDUCTION MALE BSPP 60° CONE X MALE
JIC 37° CONE
RIDUZIONE MASCHIO BSPP CONO 60° X
MASCHIO JIC CONO 37°

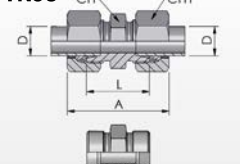
5025



271

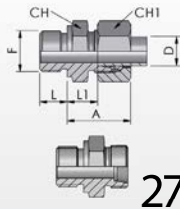
MALE NPTF X MALE JIC 37° CONE
MASCHIO NPTF X MASCHIO JIC CONO 37°

TN98

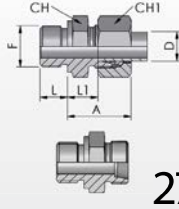


272

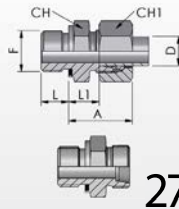
MALE METRIC X MALE METRIC, 24° CONE
MASCHIO METRICO X MASCHIO METRICO,
CONO 24°

TN92-LR**273**

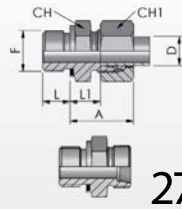
MALE BSPP X MALE METRIC 24° CONE, LIGHT
 MASCHIO BSPP X MASCHIO METRICO CONO
 24°, SERIE LEGGERA

TN92-SR**274**

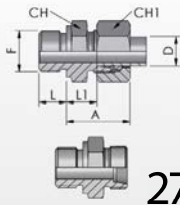
MALE BSPP X MALE METRIC 24° CONE,
 HEAVY
 MASCHIO BSPP X MASCHIO METRICO CONO
 24°, SERIE PESANTE

TN92GG-LR**275**

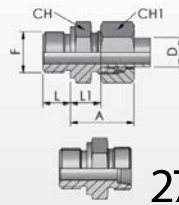
MALE BSPP O-RING X MALE METRIC 24°
 CONE, LIGHT
 MASCHIO BSPP O-RING X MASCHIO METRI-
 CO CONO 24°, SERIE LEGGERA

TN92GG-SR**276**

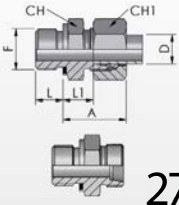
MALE BSPP O-RING X MALE METRIC 24°
 CONE, HEAVY
 MASCHIO BSPP O-RING X MASCHIO METRI-
 CO CONO 24°, SERIE PESANTE

TN92-LM**277**

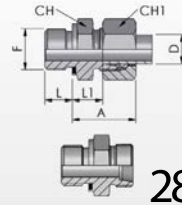
MALE METRIC X MALE METRIC 24° CONE,
 LIGHT
 MASCHIO METRICO X MASCHIO METRICO
 CONO 24°, SERIE LEGGERA

TN92-SM**278**

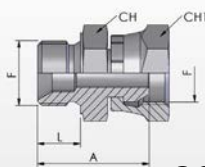
MALE METRIC X MALE METRIC 24° CONE,
 HEAVY
 MASCHIO METRICO X MASCHIO METRICO
 CONO 24°, SERIE PESANTE

TN92GG-LM**279**

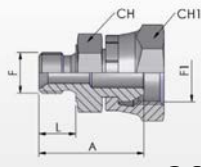
MALE METRIC O-RING X MALE METRIC 24°
 CONE, LIGHT
 MASCHIO METRICO O-RING X MASCHIO
 METRICO CONO 24°, SERIE LEGGERA

TN92GG-SM**280**

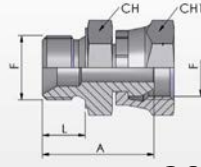
MALE METRIC O-RING X MALE METRIC 24°
 CONE, HEAVY
 MASCHIO METRICO O-RING X MASCHIO
 METRICO CONO 24°, SERIE PESANTE

GGMFG**281**

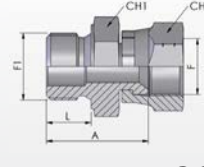
BSPP MALE X BSP FEMALE SWIVEL, 60°
 CONE
 MASCHIO BSPP X FEMMINA GIREVOLE BSP,
 CONO 60°

GGRMFG**282**

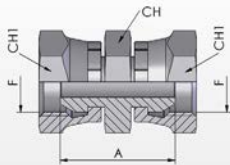
REDUCTION BSPP MALE X BSP FEMALE
 SWIVEL, 60° CONE
 RIDUZIONE MASCHIO BSPP X FEMMINA
 GIREVOLE BSP, CONO 60°

GGMFM**283**

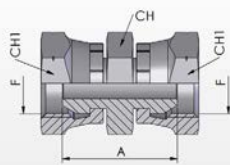
METRIC MALE X METRIC FEMALE
 SWIVEL, 60° CONE
 MASCHIO METRICO X FEMMINA GIREVOLE
 METRICA, CONO 60°

5049**284**

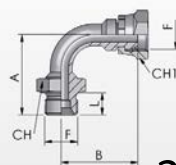
JIC FEMALE SWIVEL 37° CONE X BSPP MALE
 FEMMINA GIREVOLE JIC CONO 37° X
 MASCHIO BSPP

GGFFG**285**

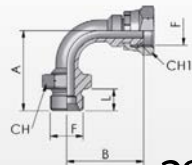
BSPP FEMALE SWIVEL X BSP FEMALE
 SWIVEL, 60° CONE
 FEMMINA GIREVOLE BSP X FEMMINA
 GIREVOLE BSP, CONO 60°

GGFFM**286**

METRIC FEMALE SWIVEL X METRIC FEMALE
 SWIVEL, 60° CONE
 FEMMINA GIREVOLE METRICA X FEMMINA
 GIREVOLE METRICA, CONO 60°

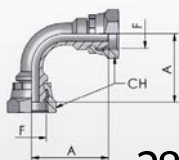
C90MFG**287**

SWEPT 90° BSPP MALE X BSP FEMALE
 SWIVEL, 60° CONE
 CURVA 90° MASCHIO BSPP X FEMMINA
 GIREVOLE BSP, CONO 60°

C90MFM**288**

SWEPT 90° METRIC MALE X FEMALE SWIVEL
 METRIC, 60° CONE
 CURVA 90° MASCHIO METRICO X FEMMINA
 GIREVOLE METRICA, CONO 60°

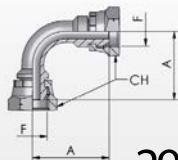
C90FFG



289

SWEPT 90° BSP FEMALE SWIVEL X BSP FEMALE SWIVEL, 60° CONE
CURVA 90° FEMMINA GIREVOLE BSP X FEMMINA GIREVOLE BSP, CONO 60°

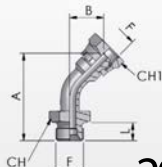
C90FFM



290

SWEPT 90° METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL, 60° CONE
CURVA 90° FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°

C45MFG



291

SWEPT 45° BSPP MALE X BSP FEMALE SWIVEL, 60° CONE
CURVA 45° MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°

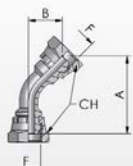
C45MFM



292

SWEPT 45° METRIC MALE X FEMALE SWIVEL METRIC, 60° CONE
CURVA 45° MASCHIO METRICO X FEMMINA GIREVOLE METRICA, CONO 60°

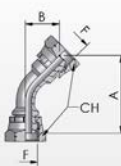
C45FFG



293

SWEPT 45° BSP FEMALE SWIVEL X BSP FEMALE SWIVEL, 60° CONE
CURVA 45° FEMMINA GIREVOLE BSP X FEMMINA GIREVOLE BSP, CONO 60°

C45FFM



294

SWEPT 45° METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL, 60° CONE
CURVA 45° FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°

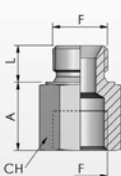
PCG



295

SHORT CONNECTOR BSPP MALE 60° CONE X BSPP FEMALE
PROLUNGA CORTA MASCHIO BSPP CONO 60° X FEMMINA BSPP

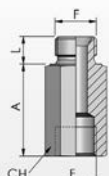
PCM



296

SHORT CONNECTOR METRIC MALE 60° CONE X METRIC FEMALE
PROLUNGA CORTA MASCHIO METRICO CONO 60° X FEMMINA METRICA

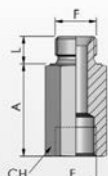
PLG



297

LONG CONNECTOR BSPP MALE 60° CONE X BSPP FEMALE
PROLUNGA LUNGA MASCHIO BSPP CONO 60° X FEMMINA BSPP

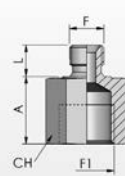
PLM



298

LONG CONNECTOR METRIC MALE 60° CONE X METRIC FEMALE
PROLUNGA LUNGA MASCHIO METRICO CONO 60° X FEMMINA METRICA

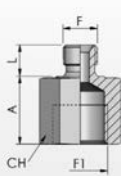
PCRG



299

SHORT REDUCER BSPP MALE 60° CONE X BSPP FEMALE
PROLUNGA CORTA DI RIDUZIONE MASCHIO BSPP CONO 60° X FEMMINA BSPP

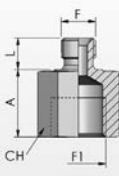
PCRGM



300

SHORT REDUCER BSPP MALE 60° CONE X METRIC FEMALE
PROLUNGA CORTA DI RIDUZIONE MASCHIO BSPP CONO 60° X FEMMINA METRICA

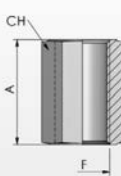
PCRMG



301

SHORT REDUCER METRIC MALE 60° CONE X BSPP FEMALE
PROLUNGA CORTA DI RIDUZIONE MASCHIO METRICO CONO 60° X FEMMINA BSPP

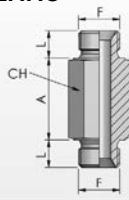
PCFFG



302

SHORT CONNECTOR BSPP FEMALE X BSPP FEMALE
PROLUNGA CORTA FEMMINA BSPP X FEMMINA BSPP

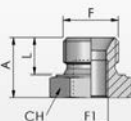
PLMMG



303

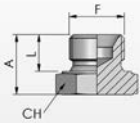
LONG CONNECTOR BSPP MALE X BSPP MALE, 60° CONE
PROLUNGA LUNGA MASCHIO BSPP X MASCHIO BSPP, CONO 60°

RMN

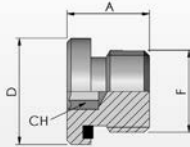


304

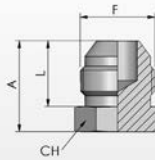
BSPP REDUCER BSPP MALE 60° CONE X BSPP FEMALE
RIDUZIONE MEZZO NIPPLE BSPP, CONO 60°

TMG**305**

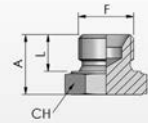
BSPP PLUG, 60° CONE
TAPPO MASCHIO BSPP, CONO 60°

TMBORG**306**

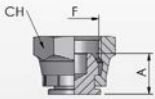
BSPP PLUG INNER HEXAGON, O-RING
TAPPO MASCHIO BSPP ESAGONO INCASATO, O-RING

5045**307**

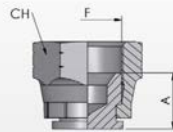
JIC PLUG
TAPPO MASCHIO JIC

TMM**308**

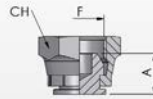
METRIC PLUG, 60° CONE
TAPPO MASCHIO METRICO, CONO 60°

TFG**309**

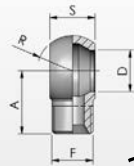
BSP SWIVEL CAP, 60° CONE
TAPPO FEMMINA GIREVOLE BSP, CONO 60°

5043**310**

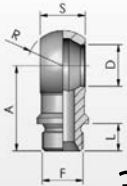
JIC SWIVEL CAP, 37° CONE
TAPPO FEMMINA GIREVOLE JIC, CONO 37°

TFM**311**

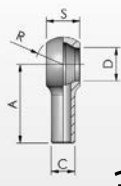
METRIC SWIVEL CAP, 60° CONE
TAPPO FEMMINA GIREVOLE METRICA,
CONO 60°

OFG**312**

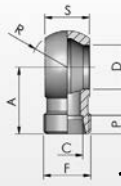
BSP BANJO X BSPP MALE 60° CONE
OCCHIO BSP X MASCHIO BSPP CONO 60°

OFBG**313**

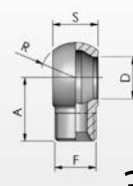
BSP BANJO X BSPP MALE WITH COLLAR
60° CONE
OCCHIO BSP X MASCHIO BSPP CON
BATTUTA CONO 60°

OFC**314**

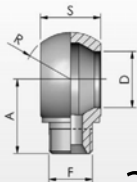
BSP BANJO X STANDPIPE
OCCHIO BSP X CODOLO

OFL**315**

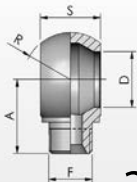
BSP BANJO X METRIC MALE 24° CONE,
LIGHT
OCCHIO BSP X MASCHIO METRICO CONO
24°, SERIE LEGGERA

OFM**316**

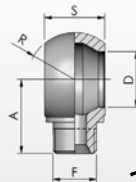
METRIC BANJO X METRIC MALE
60° CONE
OCCHIO METRICO X MASCHIO METRICO
CONO 60°

OFRG**317**

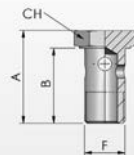
BSP REDUCER BANJO X BSPP MALE 60°
CONE
RIDUZIONE OCCHIO BSP X MASCHIO BSPP
CONO 60°

OFRGM**318**

BSP BANJO X METRIC MALE
60° CONE
OCCHIO BSP X MASCHIO METRICO
CONO 60°

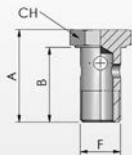
OFRMG**319**

METRIC BANJO X BSPP MALE
60° CONE
OCCHIO METRICO X MASCHIO BSP
CONO 60°

BFG**320**

BSP BANJO BOLT
BULLONE FORATO BSP

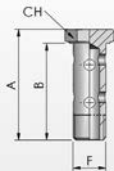
BFM



321

METRIC BANJO BOLT
BULLONE FORATO METRICO

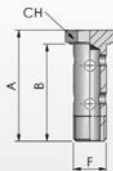
BFDG



322

BSP DOUBLE BANJO BOLT
BULLONE FORATO DOPPIO BSP

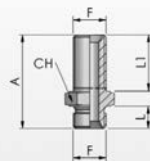
BFDM



323

METRIC DOUBLE BANJO BOLT
BULLONE FORATO DOPPIO METRICO

P



324

BSPP BULKHEAD UNION 60° CONE
PASSAPARETE BSPP CONO 60°

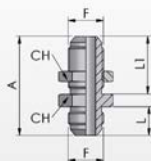
C



325

NUT FOR BSPP BULKHEAD UNION
CONTRODADO PER PASSAPARETE BSPP

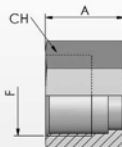
5053



326

JIC BULKHEAD UNION 37° CONE
PASSAPARETE JIC CONO 37°

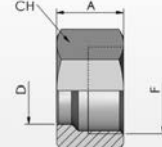
5013



327

UN / UNF TUBE NUT
DADO UN / UNF

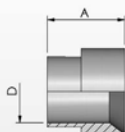
TN81



328

METRIC TUBE NUT
DADO METRICO

5015



329

BUSH
BUSSOLA

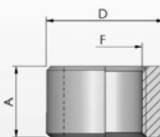
TN88



330

CUTTING RING
ANELLO DI SERRAGGIO

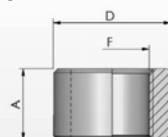
BSG



331

BSPP WELD BOSS
BORCHIA A SALDARE BSPP

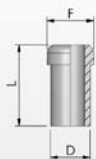
BSM



332

METRIC WELD BOSS
BORCHIA A SALDARE METRICA

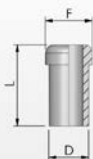
OSSG



333

BSP WELD FEMALE, 60° CONE
FEMMINA SEDE OGIVA A SALDARE BSP,
CONO 60°

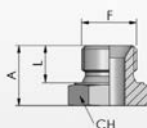
OSSM



334

METRIC WELD FEMALE, 60° CONE
FEMMINA SEDE OGIVA A SALDARE METRICA,
CONO 60°

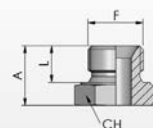
MNEG



335

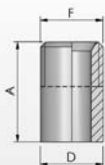
BSPP HALF WELD NIPPLE, 60° CONE
MEZZO NIPPLE ESAGONALE A SALDARE
BSPP, CONO 60°

MNEM

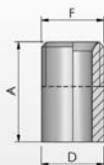


336

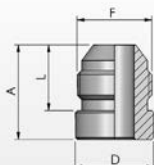
METRIC HALF WELD NIPPLE, 60° CONE
MEZZO NIPPLE ESAGONALE A SALDARE
METRICO, CONO 60°

MNTG**337**

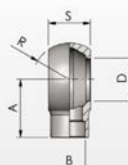
BSPP HALF WELD ROUND NIPPLE,
60° CONE
MEZZO NIPPLE TONDO A SALDARE BSPP,
CONO 60°

NMTM**338**

METRIC HALF WELD ROUND NIPPLE,
60° CONE
MEZZO NIPPLE TONDO A SALDARE
METRICO, CONO 60°

5039**339**

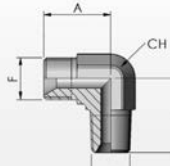
JIC HALF WELD NIPPLE, 37° CONE
MEZZO NIPPLE A SALDARE JIC, CONO 37°

OCSG**340**

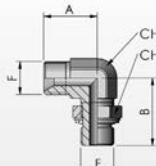
BSP WELD BANJO FOR TUBE
OCCHIO A SALDARE BSP

OCSM**341**

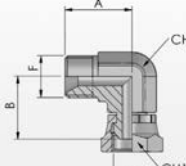
METRIC WELD BANJO FOR TUBE
OCCHIO A SALDARE METRICO

C90MMG**342**

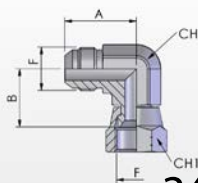
COMPACT ELBOW 90° BSPP MALE 60° CONE
X BSPT MALE
CURVA 90° COMPATTA MASCHIO BSPP
CONO 60° X MASCHIO BSPT

COG**343**

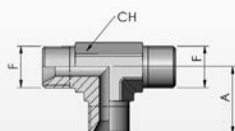
COMPACT ELBOW 90° BSPP MALE 60° CONE
X BSPP MALE ADJUSTABLE
CURVA 90° COMPATTA MASCHIO BSPP
CONO 60° X MASCHIO ORIENTABILE BSPP

C90MFGC**344**

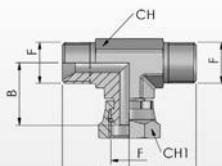
COMPACT ELBOW 90° BSPP MALE X BSP
FEMALE SWIVEL, 60° CONE
CURVA 90° COMPATTA MASCHIO BSPP X
FEMMINA GIREVOLE BSP, CONO 60°

5409**345**

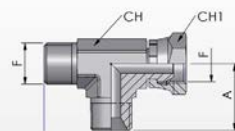
COMPACT ELBOW 90° JIC MALE X JIC
FEMALE SWIVEL, 37° CONE
CURVA 90° COMPATTA MASCHIO JIC X
FEMMINA GIREVOLE JIC, CONO 37°

TMMM**346**

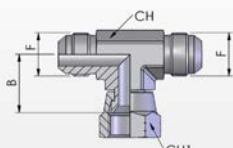
"T" BSPP MALE X MALE X MALE, 60° CONE
"T" BSPP MASCHIO X MASCHIO X MASCHIO,
CONO 60°

TMFM**347**

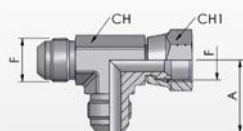
"T" BSPP MALE X FEMALE X MALE, 60° CONE
"T" BSPP MASCHIO X FEMMINA X MASCHIO,
CONO 60°

TMMF**348**

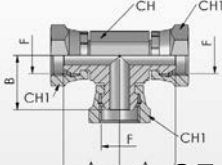
"T" BSPP MALE X MALE X FEMALE, 60° CONE
"T" BSPP MASCHIO X MASCHIO X FEMMINA,
CONO 60°

5455**349**

"T" JIC MALE X FEMALE X MALE, 37°
CONE
"T" JIC MASCHIO X FEMMINA X MASCHIO,
CONO 37°

5459**350**

"T" JIC MALE X MALE X FEMALE, 37°
CONE
"T" JIC MASCHIO X MASCHIO X FEMMINA,
CONO 37°

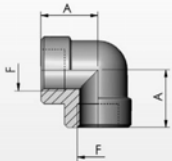
TFFF**351**

"T" BSPP FEMALE X FEMALE X FEMALE,
60° CONE
"T" BSPP FEMMINA X FEMMINA X FEMMINA,
CONO 60°

MFF**352**

FORGED UNION BSPP FEMALE X FEMALE,
ASA 2000
GIUNZIONE FORGIATA BSPP FEMMINA X
FEMMINA, ASA 2000

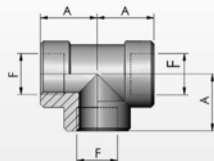
C90ASAG



353

FORGED ELBOW 90° BSPP FEMALE X FEMALE, ASA 2000
CURVA 90° FORGIATA BSPP FEMMINA X FEMMINA, ASA 2000

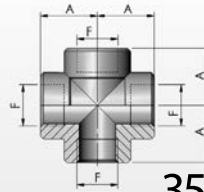
TASAG



354

"T" BSPP FIXED FEMALES, ASA 2000
"T" BSPP FEMMINE FISSE, ASA 2000

CASAG



355

FORGED CROSS BSPP FIXED FEMALES, ASA 2000
GIUNZIONE CROCE FORGIATA BSPP FEMMINE FISSE, ASA 2000

RBG



356

BSP BONDED SEAL
RONDELLA BONDED BSP

RBM



357

METRIC BONDED SEAL
RONDELLA BONDED METRICA

RRG



358

BSP COPPER SEAL
RONDELLA RAME BSP

RRM



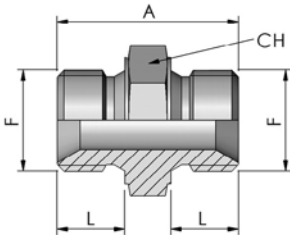
359

METRIC COPPER SEAL
RONDELLA RAME METRICA

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIG

MALE BSPP X MALE BSPP, 60° CONE
MASCHIO BSPP X MASCHIO BSPP, CONO 60°



Notes

* DIN version

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
GIG02	1/8-28	14	22,2	8
GIG04	1/4-19	19	31,2	12
GIG06	3/8-19	22	32,4	12
GIG08	1/2-14	27	37,6	14
GIG10	5/8-14	30	42,6	16
GIG12	3/4-14	32	42,8	16
GIG16	1"-11	41	48	18
GIG20*	1"1/4-11	50	59	20
GIG24*	1"1/2-11	55	64	22
GIG32*	2"-11	70	69	24
GIG40	2"1/2-11	75	63	25
GIG48	3"-11	90	68	26

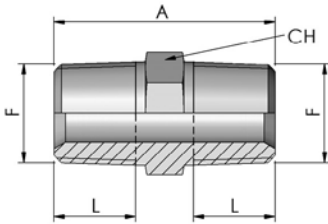
Note

* Versione DIN

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIGCON

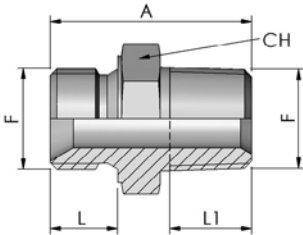
MALE BSPT X MALE BSPT, 60° CONE
MASCHIO BSPT X MASCHIO BSPT, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
GIGCON02	1/8-28	14	26	10
GIGCON04	1/4-19	17	32,5	13
GIGCON06	3/8-19	19	37,5	15
GIGCON08	1/2-14	24	44	18
GIGCON12	3/4-14	30	49	20
GIGCON16	1"-11	36	59	24,5
GIGCON20	1"1/4-11	45	63	26
GIGCON24	1"1/2-11	50	64	26,5
GIGCON32	2"-11	65	68	28

Note



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIGCC

MALE BSPP X MALE BSPT, 60° CONE
MASCHIO BSPP X MASCHIO BSPT, CONO 60°

Notes

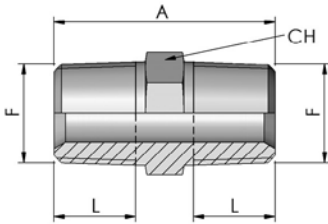
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
GIGCC02	1/8-28	14	23,5	8	10
GIGCC04	1/4-19	17	30	10,5	13
GIGCC06	3/8-19	19	34,5	12,5	15
GIGCC08	1/2-14	27	41	15	18
GIGCC10	5/8-14	27	42	15	18,5
GIGCC12	3/4-14	30	45,5	16,5	20
GIGCC16	1"-11	36	54	19,5	24,5
GIGCC20	1"1/4-11	50	58,5	22	26
GIGCC24	1"1/2-11	55	60	22,5	26,5
GIGCC32	2"-11	65	64	24	28
GIGCC40	2"1/2	75	68	25	30
GIGCC48	3"	90	72	26	30

Note

MALE X MALE ADAPTORS
 ADATTATORI MASCHIO X MASCHIO

GIGNPT

MALE NPTF X MALE NPTF, 60° CONE
 MASCHIO NPTF X MASCHIO NPTF, CONO 60°



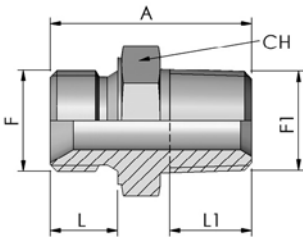
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
GIGNPT02	1/8-27	14	26	10
GIGNPT04	1/4-18	17	32,5	13
GIGNPT06	3/8-18	17	37	15
GIGNPT08	1/2-14	24	44	18
GIGNPT12	3/4-14	30	49	20
GIGNPT16	1"-11,5	36	60	25
GIGNPT20	1"1/4-11,5	45	63	25
GIGNPT24	1"1/2-11,5	50	64	25
GIGNPT32*	2"-11	65	67	23

Note

* ARTICOLO IN ESAURIMENTO



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GNPT

MALE BSPP X MALE NPTF, 60° CONE
MASCHIO BSPP X MASCHIO NPTF, CONO 60°

Notes

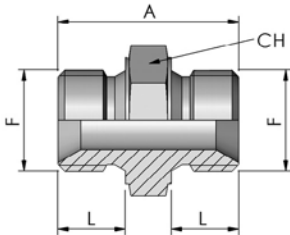
Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
GNPT02	1/8-27	1/8-27	14	23,5	8	10
GNPT04	1/4-18	1/4-18	17	30	10,5	13
GNPT06	3/8-18	3/8-18	19	34,5	12,5	15
GNPT08	1/2-14	1/2-14	24	41	15	18
GNPT12	3/4-14	3/4-14	30	45,5	16,5	20
GNPT16	1"-11	1"-11,5	36	54,5	19,5	25
GNPT20	1"1/4-11	1"1/4-11,5	50	58,5	22	26
GNPT24	1"1/2-11	1"1/2-11,5	55	60	22,5	26,5
GNPT32	2"-11	2"-11,5	65	64	24	28

Note

MALE X MALE ADAPTORS
 ADATTATORI MASCHIO X MASCHIO

GIM

MALE METRIC X MALE METRIC, 60° CONE
 MASCHIO METRICO X MASCHIO METRICO, CONO 60°



Notes

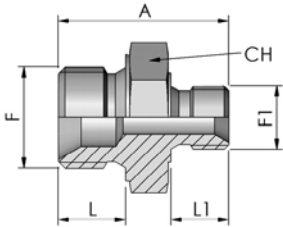
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
GIM10	M10x1	14	22	8
GIM12	M12x1,5	17	26,5	10
GIM14	M14x1,5	19	27,5	10,5
GIM16	M16x1,5	22	32	12,5
GIM18	M18x1,5	24	33,5	13
GIM20	M20x1,5	27	36	14
GIM22	M22x1,5	27	37	14,5
GIM24	M24x1,5	30	38,5	15
GIM26	M26x1,5	32	41	16
GIM30	M30x1,5	36	42,5	16,5

Note

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

RIG

REDUCTION MALE BSPP X MALE BSPP, 60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO BSPP, CONO 60°



Notes

- * DIN version
- ** WHILE STOCKS LAST

Note

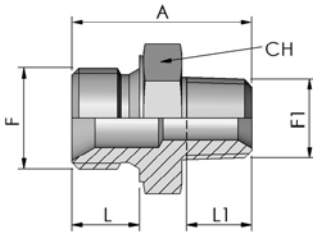
- * Versione DIN
- ** ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
RIG0402	1/4-19	1/8-28	19	27,2	12	8
RIG0602	3/8-19	1/8-28	22	28,3	12	8
RIG0604	3/8-19	1/4-19	22	32,3	12	12
RIG0804	1/2-14	1/4-19	27	35,4	14	12
RIG0806	1/2-14	3/8-19	27	35,5	14	12
RIG1006**	5/8-14	3/8-19	30	38,5	16	12
RIG1008	5/8-14	1/2-14	30	40,6	16	14
RIG1204	3/4-14	1/4-19	32	38,5	16	12
RIG1206	3/4-14	3/8-19	32	38,6	16	12
RIG1208	3/4-14	1/2-14	32	40,7	16	14
RIG1210	3/4-14	5/8-14	32	42,7	16	16
RIG1606	1"-11	3/8-19	41	42,7	19	12
RIG1608	1"-11	1/2-14	41	44,8	19	14
RIG1610**	1"-11	5/8-14	38	44,5	19,5	15
RIG1612	1"-11	3/4-14	41	46,9	19	16
RIG2008**	1"1/4-11	1/2-14	50	51	20	14
RIG2012*	1"1/4-11	3/4-14	50	52,9	20	16
RIG2016*	1"1/4-11	1"-11	50	56	20	19
RIG2412*	1"1/2-11	3/4-14	55	55,9	22	16
RIG2416*	1"1/2-11	1"-11	55	59	22	19
RIG2420*	1"1/2-11	1"1/4-11	55	62	22	20
RIG3216*	2"-11	1"-11	70	62	24	19
RIG3220*	2"-11	1"1/4-11	70	65	24	20

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

RIGCC

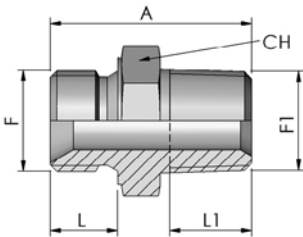
REDUCTION MALE BSPP X MALE BSPT, 60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO BSPT, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
RIGCC0402	1/4-19	1/8-28	14	27	10,5	10
RIGCC0604	3/8-19	1/4-19	19	32,5	12,5	13
RIGCC0804	1/2-14	1/4-14	24	35,5	14,5	13
RIGCC0806	1/2-14	3/8-19	24	37,5	14,5	15
RIGCC1208	3/4-14	1/2-14	27	43,5	16,5	18
RIGCC1210	3/4-14	5/8-14	30	44	16,5	18,5
RIGCC1612	1"-11	3/4-14	36	49,5	19,5	20
RIGCC2016	1"1/4-11	1"-11	45	57,5	22	24,5
RIGCC2420	1"1/2-11	1"1/4-11	50	59,5	22,5	26
RIGCC3220	2"-11	1"1/4-11	60	62	24	26
RIGCC3224	2"-11	1"1/2-11	60	62,5	24	26,5

Note



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

RNPT

REDUCTION MALE BSPP X MALE NPTF, 60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO NPTF, CONO 60°

Notes

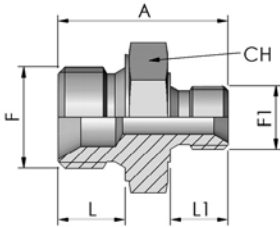
Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
RNPT0402	1/4-19	1/8-27	14	27	10,5	10
RNPT0604	3/8-19	1/4-18	19	32,5	12,5	13
RNPT0804	1/2-14	1/4-18	24	35,5	14,5	13
RNPT0806	1/2-14	3/8-18	24	37,5	14,5	15
RNPT1208	3/4-14	1/2-14	27	43,5	16,5	18
RNPT1612	1"-11	3/4-14	36	49,5	19,5	20
RNPT2016	1"1/4-11	1"-11,5	45	57,5	22	24,5

Note

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

RIGM

REDUCTION MALE BSPP X MALE METRIC, 60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO METRICO, CONO 60°



Notes

* WHILE STOCKS LAST

Note

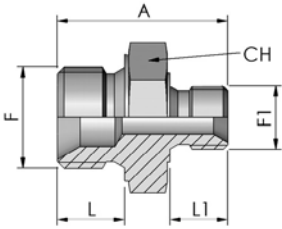
* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
RIGM0410	1/4-19	M10X1	17	25	10,5	8
RIGM0412	1/4-19	M12x1,5	17	27	10,5	10
RIGM0414	1/4-19	M14x1,5	19	27,5	10,5	10,5
RIGM0416	1/4-19	M16x1,5	22	30	10,5	12,5
RIGM0418	1/4-19	M18x1,5	22	30,5	10,5	13
RIGM0420*	1/4-19	M20x1,5	25	34	12	15
RIGM0422*	1/4-19	M22x1,5	27	38	12	16
RIGM0612	3/8-19	M12X1,5	22	29,5	12,5	10
RIGM0614	3/8-19	M14x1,5	22	30	12,5	10,5
RIGM0616	3/8-19	M16x1,5	22	32	12,5	12,5
RIGM0618	3/8-19	M18x1,5	24	33	12,5	13
RIGM0620	3/8-19	M20X1,5	27	34,5	12,5	14
RIGM0622	3/8-19	M22x1,5	27	35	12,5	14,5
RIGM0814*	1/2-14	M14x1,5	27	36,2	14,8	12
RIGM0816	1/2-14	M16x1,5	27	35,5	15	12,5
RIGM0818	1/2-14	M18x1,5	27	36	15	13
RIGM0820	1/2-14	M20x1,5	27	37	15	14
RIGM0822	1/2-14	M22x1,5	27	37,5	15	14,5
RIGM0826	1/2-14	M26x1,5	32	40	15	16
RIGM1018*	5/8-14	M18x1,5	30	40,5	16	12
RIGM1022*	5/8-14	M22x1,5	27	40	15	15
RIGM1026*	5/8-14	M26x1,5	32	44	17	17
RIGM1218	3/4-14	M18x1,5	32	38,5	16,5	13

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

RIMM

REDUCTION MALE METRIC X MALE METRIC, 60° CONE
RIDUZIONE MASCHIO METRICO X MASCHIO METRICO, CONO 60°



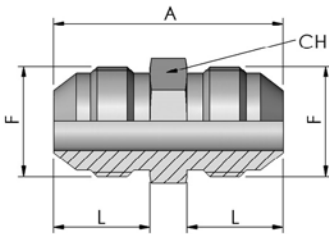
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
RIMM1014*	M14x1,5	M10x1	19	28	12	8
RIMM1214	M14x1,5	M12x1,5	19	27	10,5	10
RIMM1216	M16x1,5	M12x1,5	22	28	12,5	10
RIMM1218*	M12x1,5	M18x1,5	24	34	12	14
RIMM1220*	M12x1,5	M20x1,5	27	34,5	11	15
RIMM1416	M16x1,5	M14x1,5	22	30	12,5	10,5
RIMM1418	M18x1,5	M14x1,5	24	31,5	13	11
RIMM1420*	M14x1,5	M20x1,5	27	34,5	11	15
RIMM1422*	M14x1,5	M22x1,5	27	34	12	14
RIMM1618	M18x1,5	M16x1,5	24	32,5	13	12,5
RIMM1622*	M16x1,5	M22x1,5	27	36,5	12,5	14
RIMM1820	M20x1,5	M18x1,5	27	35	14	13
RIMM1822	M22x1,5	M18x1,5	27	35,5	14,5	13
RIMM2022	M22x1,5	M20x1,5	27	36,5	14,5	14
RIMM1826*	M18x1,5	M26x1,5	32	41	14	16
RIMM2024*	M24x1,5	M20x1,5	32	42	16	14
RIMM2224*	M22x1,5	M24x1,5	32	40	14	16
RIMM2226	M26x1,5	M22x1,5	32	39,5	16	14,5
RIMM2426*	M24x1,5	M26x1,5	32	41	16	16
RIMM2630	M30x1,5	M26x1,5	32	42	16,5	16



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

5017

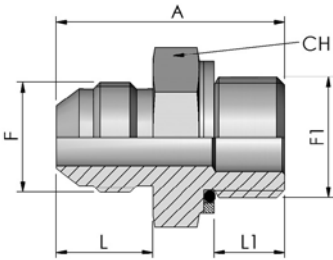
MALE JIC X MALE JIC, 37° CONE
MASCHIO JIC X MASCHIO JIC, CONO 37°

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
50170004	7/16-20	13	34,8	14
50170005	1/2-20	14	34,8	14
50170006	9/16-18	16	35,8	14,1
50170008	3/4-16	19	41,1	16,7
50170010	7/8-14	24	47,8	19,3
50170012	1"1/16-12	27	54,9	21,9
50170016	1"5/16-12	36	57,2	23,1
50170020	1"5/8-12	46	61,7	24,3
50170024	1"7/8-12	50	69,8	27,5

Note



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

5019

MALE BSPP O-RING X MALE JIC 37° CONE
MASCHIO BSPP O-RING X MASCHIO JIC CONO 37°

Norme - Norma: SAE J514

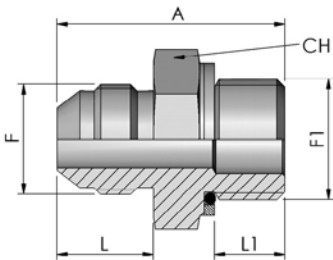
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
50190402	7/16-20	1/8-28	16	28,7	14	6,3
50190404	7/16-20	1/4-19	19	32	14	9,5
50190406	7/16-20	3/8-19	22	33	14	9,5
50190408	7/16-20	1/2-14	30	38,6	14	13
50190504	1/2-20	1/4-19	19	32	14	9,5
50190506	1/2-20	3/8-19	22	33,7	14	9,5
50190604	9/16-18	1/4-19	19	32	14,1	9,5
50190606	9/16-18	3/8-19	22	33	14,1	9,5
50190608	9/16-18	1/2-14	30	38,6	14,1	13
50190804	3/4-16	1/4-19	19	35	16,7	9,5
50190806	3/4-16	3/8-19	22	36	16,7	9,5
50190808	3/4-16	1/2-14	30	41,4	16,7	13
50190812	3/4-16	3/4-14	36	42,4	16,7	13
50191006	7/8-14	3/8-19	24	39,1	19,3	9,5
50191008	7/8-14	1/2-14	30	43,9	19,3	13
50191012	7/8-14	3/4-14	36	43,9	19,3	13
50191206	1"1/16-12	3/8-19	30	42,4	21,9	9,5
50191208	1"1/16-12	1/2-14	30	46,7	21,9	13
50191212	1"1/16-12	3/4-14	36	47,5	21,9	13
50191216	1"1/16-12	1"-11	46	52,6	21,9	16
50191612	1"5/16-12	3/4-14	36	48,5	23,1	13
50191616	1"5/16-12	1"-11	46	53,6	23,1	16
50191620	1"5/16-12	1"1/4-11	50	55,1	23,1	16



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

5019

MALE BSPP O-RING X MALE JIC 37° CONE
MASCHIO BSPP O-RING X MASCHIO JIC CONO 37°

Norme - Norma: SAE J514

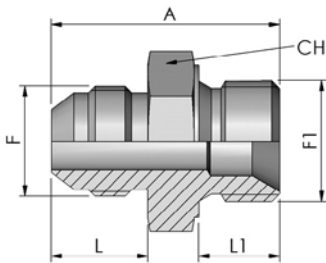
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
50191624	1"5/16-12	1"1/2-11	60	55,7	23,1	16
50192012*	1"5/8-12	3/4-14	42	53,3	24	14
50192016	1"5/8-12	1"-11	46	53,6	24,3	16
50192020	1"5/8-12	1"1/4-11	50	56,9	24,3	16
50192416	1"7/8-12	1"-11	50	57,5	27,5	16
50192420	1"7/8-12	1"1/4-11	50	60,4	27,5	16
50192424	1"7/8-12	1"1/2-11	60	61	27,5	16

Note

* ARTICOLO IN ESAURIMENTO



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

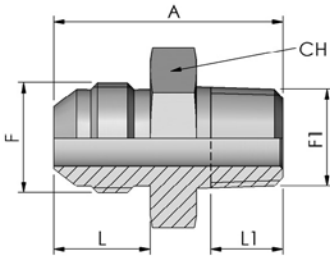
RIGJ

REDUCTION MALE BSPP 60° CONE X MALE JIC 37° CONE
RIDUZIONE MASCHIO BSPP CONO 60° X MASCHIO JIC CONO 37°

Notes

Note

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
RIGJ0402	7/16-20	1/8-28	14	28,5	14	8,5
RIGJ0404	7/16-20	1/4-19	17	31	14	10,5
RIGJ0504	1/2-20	1/4-19	17	32	15	10,5
RIGJ0506	1/2-20	3/8-19	22	33,5	14	12,5
RIGJ0604	9/16-18	1/4-19	17	27	16,5	10,5
RIGJ0606	9/16-18	3/8-19	22	36	16,5	12,5
RIGJ0608	9/16-18	1/2-14	27	39,5	16	14,5
RIGJ0804	3/4-16	1/4-19	19	35,5	18	10,5
RIGJ0808	3/4-16	1/2-14	27	41,5	18	14,5
RIGJ0812	3/4-16	3/4-14	32	44	18	16,5
RIGJ1006	7/8-14	3/8-19	24	41	20	12,5
RIGJ1008	7/8-14	1/2-14	27	43,5	20	14,5
RIGJ1012	7/8-14	3/4-14	32	46	20	16,5
RIGJ1208	1"1/16-12	1/2-14	27	45,5	22	14,5
RIGJ1212	1"1/16-12	3/4-14	32	48	22	16,5
RIGJ1216	1"1/16-12	1"-11	38	52	22	19,5
RIGJ1612	1"5/16-12	3/4-14	36	51,5	25	16,5
RIGJ1616	1"5/16-12	1"-11	38	55	25	19,5
RIGJ2016	1"5/8-12	1"-11	45	57,5	26	19,5
RIGJ2020	1"5/8-12	1"1/4-11	50	59	26	22
RIGJ2424	1"7/8-12	1"1/2-11	55	61	27	22



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

5025

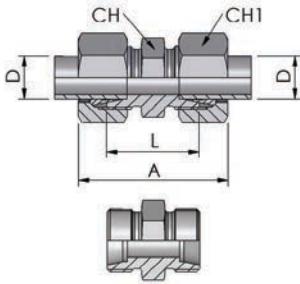
MALE NPTF X MALE JIC 37° CONE
MASCHIO NPTF X MASCHIO JIC CONO 37°

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
50250402	7/16-20	1/8-28	13	31	14	9,7
50250404	7/16-20	1/4-19	14	34,5	15	13
50250504	1/2-20	1/4-19	17	35	15,5	13
50250604	9/16-18	1/4-19	17	36	16,5	13
50250606	9/16-18	3/8-28	19	36,3	14,1	14,2
50250806	3/4-16	3/8-19	20	40	18	15
50250808	3/4-16	1/2-14	22	44	18	18
50251008	7/8-14	1/2-14	24	46	20	18
50251212	1"1/16-12	3/4-14	30	51	22	20
50251616	1"5/16-12	1"-11	36	60	25	25
50252020	1"5/8-12	1"1/4-11	45	64	26	26
50252424	1"7/8-12	1"1/2-11	50	66	27,5	26,5

Note



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN98

MALE METRIC X MALE METRIC, 24° CONE
MASCHIO METRICO X MASCHIO METRICO, CONO 24°

Norme - Norma: DIN 2353

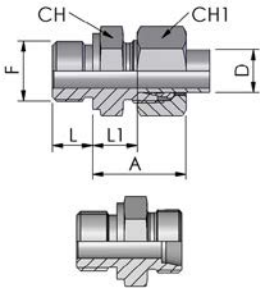
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

Code Article Codice Articolo	Standpipe Codolo	Dimensions (mm) Dimensioni (mm)				
		mm	CH	CH1	A	L
TN9806L	6		12	14	39	10
TN9806S	6		14	17	45	16
TN9808L	8		14	17	40	11
TN9808S	8		17	19	47	18
TN9810L	10		17	19	42	13
TN9810S	10		19	22	49	17
TN9812L	12		19	22	43	14
TN9812S	12		22	24	51	19
TN9814S	14		24	27	57	22
TN9815L	15		24	27	46	16
TN9816S	16		27	30	57	21
TN9818L	18		27	32	48	16
TN9820S	20		32	36	66	23
TN9822L	22		32	36	52	20
TN9825S	25		41	46	74	26
TN9828L	28		41	41	24	21
TN9830S	30		46	50	80	27
TN9835L	35		46	50	63	20
TN9838S	38		55	60	90	29
TN9842L	42		55	60	66	21



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92-LR

MALE BSPP X MALE METRIC 24° CONE, LIGHT
MASCHIO BSPP X MASCHIO METRICO CONO 24°, SERIE LEGGERA

Norme - Norma: DIN 2353

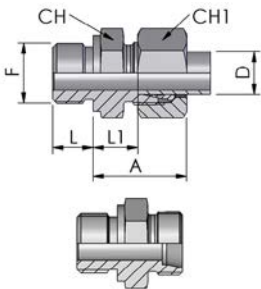
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)						
			F	mm	CH	CH1	A	L	L1
TN9206LR	1/8-28	6			14	14	23	8	8,5
TN9208LR	1/4-19	8			19	17	25	12	10
TN9208LR06	3/8-19	8			22	17	26	12	11,5
TN9210LR	1/4-19	10			27	27	29	14	14
TN9210LR06	3/8-19	10			22	19	27	12	12,5
TN9212LR04	1/4-19	12			19	22	27	12	12
TN9212LR	3/8-19	12			22	22	27	12	12,5
TN9212LR08	1/2-14	12			27	22	28	14	13
TN9215LR	1/2-14	15			24	27	29	14	14
TN9218LR	1/2-14	18			27	32	31	14	14,5
TN9222LR	3/4-14	22			32	36	33	16	16,5
TN9228LR	1"-11	28			41	41	34	18	17,5
TN9235LR	1"1/4-11	35			50	50	39	20	17,5
TN9242LR	1"1/2-11	42			55	60	42	22	19



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92-SR

MALE BSPP X MALE METRIC 24° CONE, HEAVY
MASCHIO BSPP X MASCHIO METRICO CONO 24°, SERIE PESANTE

Norme - Norma: DIN 2353

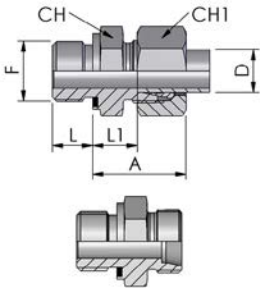
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)				
			F	mm	CH	CH1	A
TN9206SR	1/4-19	6	19	17	28	12	13
TN9208SR	1/4-19	8	19	19	30	12	15
TN9210SR	3/8-19	10	22	22	31	12	15
TN9212SR	3/8-19	12	22	24	33	12	17
TN9212SR08	1/2-14	12	27	24	34	14	17,5
TN9214SR	1/2-14	14	27	27	37	14	19
TN9216SR	1/2-14	16	27	30	37	14	18,5
TN9220SR	3/4-14	20	32	36	42	16	20,5
TN9225SR	1"-11	25	41	46	47	18	23
TN9230SR	1"1/4-11	30	50	50	50	20	23,5
TN9238SR	1"1/2-11	38	55	60	57	22	26



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92GG-LR

MALE BSPP O-RING X MALE METRIC 24° CONE, LIGHT
MASCHIO BSPP O-RING X MASCHIO METRICO CONO 24°, SERIE
LEGGERA

Norme - Norma: DIN 2353

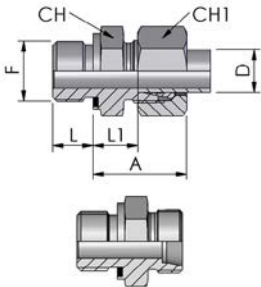
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)						
			F	mm	CH	CH1	A	L	L1
TN92GG06LR	1/8-28	6			14	14	23	8	8,5
TN92GG08LR	1/4-19	8			19	17	25	12	10
TN92GG10LR	1/4-19	10			19	19	26	12	11
TN92GG12LR	3/8-19	12			22	22	27	12	12,5
TN92GG15LR	1/2-14	15			27	27	29	14	14
TN92GG18LR	1/2-14	18			27	32	31	14	14,5
TN92GG22LR	3/4-14	22			32	36	33	16	16,5
TN92GG28LR	1"-11	28			41	41	34	18	17,5
TN92GG35LR	1"1/4-11	35			50	50	39	20	17,5
TN92GG42LR	1"1/2-11	42			55	60	42	22	19



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92GG-SR

MALE BSPP O-RING X MALE METRIC 24° CONE, HEAVY
MASCHIO BSPP O-RING X MASCHIO METRICO CONO 24°, SERIE PESANTE

Norme - Norma: DIN 2353

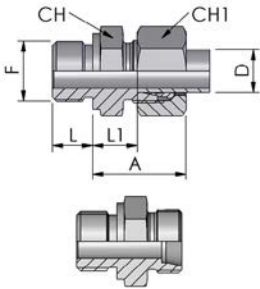
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)				
			F	mm	CH	CH1	A
TN92GG06SR	1/4-19	6	19	17	28	12	13
TN92GG08SR	1/4-19	8	19	19	30	12	15
TN92GG10SR	3/8-19	10	22	22	31	12	15
TN92GG12SR	3/8-19	12	22	24	33	12	17
TN92GG14SR	1/2-14	14	27	27	37	14	19
TN92GG16SR	1/2-14	16	27	30	37	14	18,5
TN92GG20SR	3/4-14	20	32	36	42	16	20,5
TN92GG25SR	1"-11	25	41	46	47	18	23
TN92GG30SR	1"1/4-11	30	50	50	50	20	23,5
TN92GG38SR	1"1/2-11	38	55	60	57	22	26

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92-LM

MALE METRIC X MALE METRIC 24° CONE, LIGHT
MASCHIO METRICO X MASCHIO METRICO CONO 24°, SERIE LEGGERA

Norme - Norma: DIN 2353

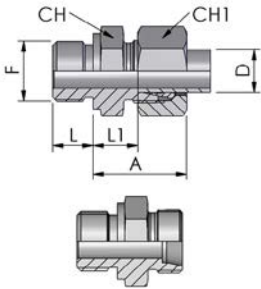
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)						
			F	mm	CH	CH1	A	L	L1
TN9206LM	M10X1	6			14	14	23	8	8,5
TN9208LM	M12X1,5	8			17	17	25	12	10
TN9210LM	M14X1,5	10			19	19	26	12	11
TN9212LM	M16X1,5	12			22	22	27	12	12,5
TN9215LM	M18X1,5	15			24	27	29	14	14
TN9218LM	M22X1,5	18			27	32	31	14	14,5
TN9222LM	M26X1,5	22			32	36	33	16	16,5
TN9228LM	M33X2	28			41	41	34	18	17,5
TN9235LM	M42X2	35			50	50	39	20	17,5
TN9242LM	M48X2	42			55	60	42	22	19



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92-SM

MALE METRIC X MALE METRIC 24° CONE, HEAVY
MASCHIO METRICO X MASCHIO METRICO CONO 24°, SERIE PESANTE

Norme - Norma: DIN 2353

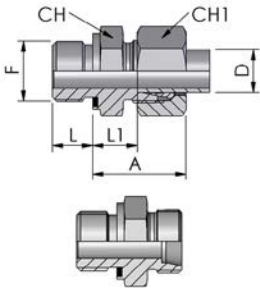
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)				
			F	mm	CH	CH1	A
TN9206SM	M12X1,5	6	17	17	28	12	13
TN9208SM	M14X1,5	8	19	19	30	12	15
TN9210SM	M16X1,5	10	22	22	31	12	15
TN9212SM	M18X1,5	12	24	24	33	12	17
TN9214SM	M20X1,5	14	27	27	37	14	19
TN9216SM	M22X1,5	16	27	30	37	14	18,5
TN9220SM	M27X2	20	32	36	42	16	20,5
TN9225SM	M33X2	25	41	46	47	18	23
TN9230SM	M42X2	30	50	50	50	20	23,5
TN9238SM	M48X2	38	55	60	57	22	26



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92GG-LM

MALE METRIC O-RING X MALE METRIC 24° CONE, LIGHT
MASCHIO METRICO O-RING X MASCHIO METRICO CONO 24°, SERIE
LEGGERA

Norme - Norma: DIN 2353

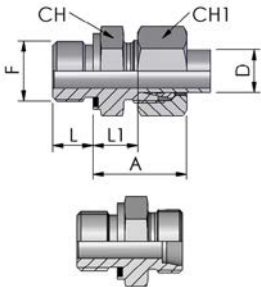
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)				
			F	mm	CH	CH1	A
TN92GG06LM	M10X1	6	14	14	23	8	8,5
TN92GG08LM	M12X1,5	8	17	17	25	12	10
TN92GG10LM	M14X1,5	10	19	19	26	12	11
TN92GG12LM	M16X1,5	12	22	22	27	12	12,5
TN92GG15LM	M18X1,5	15	24	27	29	14	14
TN92GG18LM	M22X1,5	18	27	32	31	14	14,5
TN92GG22LM	M26X1,5	22	32	36	33	16	16,5
TN92GG28LM	M33X2	28	41	41	34	18	17,5
TN92GG35LM	M42X2	35	50	50	39	20	17,5
TN92GG42LM	M48X2	42	55	60	42	22	19



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92GG-SM

MALE METRIC O-RING X MALE METRIC 24° CONE, HEAVY
MASCHIO METRICO O-RING X MASCHIO METRICO CONO 24°, SERIE PESANTE

Norme - Norma: DIN 2353

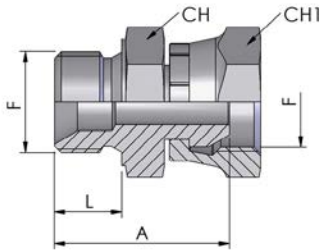
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)				
			F	mm	CH	CH1	A
TN92GG06SM	M12x1,5	6	17	17	28	12	13
TN92GG08SM	M14x1,5	8	19	19	30	12	15
TN92GG10SM	M16x1,5	10	22	22	31	12	15
TN92GG12SM	M18x1,5	12	24	24	33	12	17
TN92GG14SM	M20x1,5	14	27	27	37	14	19
TN92GG16SM	M22x1,5	16	27	30	37	14	18,5
TN92GG20SM	M27x2	20	32	36	42	16	20,5
TN92GG25SM	M33x2	25	41	46	47	18	23
TN92GG30SM	M42x2	30	50	50	50	20	23,5
TN92GG38SM	M48x2	38	55	60	57	22	26

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).



MALE X FEMALE ADAPTORS
ADATTATORI MASCHIO X FEMMINA

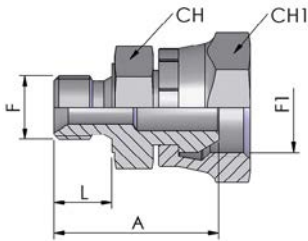
GGMFG

BSPM MALE X BSP FEMALE SWIVEL , 60° CONE
MASCHIO BSPM X FEMMINA GIREVOLE BSP, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
GGMFG02	1/8-28	14	15	26,2	9,6
GGMFG04	1/4-19	19	19	29,4	11,2
GGMFG06	3/8-19	22	22	34,1	13,6
GGMFG08	1/2-14	27	27	38,2	14,8
GGMFG10	5/8-14	30	30	39,5	16
GGMFG12	3/4-14	32	32	43	17
GGMFG16	1"-11	41	38	47,6	20,3
GGMFG20	1"1/4-11	50	50	56	20
GGMFG24	1"1/2-11	55	55	58,5	22
GGMFG32	2"-11	70	70	62,5	24

Note



MALE X FEMALE ADAPTORS
ADATTATORI MASCHIO X FEMMINA

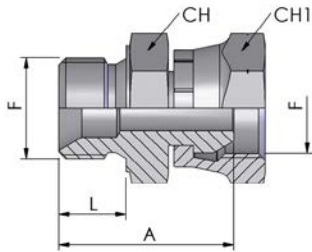
GGRMFG

REDUCTION BSPP MALE X BSP FEMALE SWIVEL , 60° CONE
RIDUZIONE MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	CH1	A	L
GGRMFG0406	1/4-19	3/8-19	19	22	29,1	10,5
GGRMFG0608	3/8-19	1/2-14	27	27	34	12,5
GGRMFG0812	1/2-14	3/4-14	30	32	39,7	15

Note



MALE X FEMALE ADAPTORS
ADATTATORI MASCHIO X FEMMINA

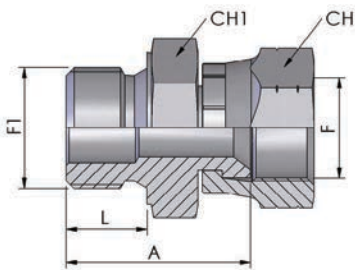
GGMFM

METRIC MALE X METRIC FEMALE SWIVEL , 60° CONE
MASCHIO METRICO X FEMMINA GIREVOLE METRICA, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
GGMFM14	M14x1,5	19	19	27,5	10,5
GGMFM16	M16x1,5	22	22	31,1	12,5
GGMFM18	M18x1,5	24	24	31,6	13
GGMFM20	M20x1,5	27	27	34,6	14
GGMFM22	M22x1,5	27	27	36	14,5
GGMFM26	M26x1,5	32	32	40,7	16

Note



MALE X FEMALE ADAPTORS
ADATTATORI MASCHIO X FEMMINA

5049

JIC FEMALE SWIVEL 37° CONE X BSPP MALE
FEMMINA GIREVOLE JIC CONO 37° X MASCHIO BSPP

Norme - Norma: SAE J514

Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	CH1	A	L
50490504	1/2-20	1/4-19	17	17	25	10,5
50490604	9/16-18	1/4-19	19	17	26	10,5
50490606	9/16-18	3/8-19	19	22	28,5	12,5
50490806	3/4-16	3/8-19	24	22	30	12,5
50490808	3/4-16	1/2-14	24	27	33,1	15
50491008	7/8-14	1/2-14	27	27	34,5	15
50491012*	7/8-14	3/4-14	27	36	38	15
50491212	1"1/16-12	3/4-14	32	32	38,2	16,5

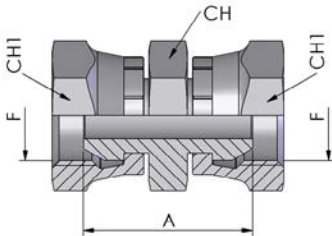
Note

* ARTICOLO IN ESAURIMENTO

FEMALE X FEMALE ADAPTORS
 ADATTATORI FEMMINA X FEMMINA

GGFFG

BSP FEMALE SWIVEL X BSP FEMALE SWIVEL , 60° CONE
 FEMMINA GIREVOLE BSP X FEMMINA GIREVOLE BSP, CONO 60°



Notes

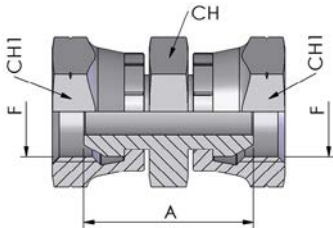
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
GGFFG04	1/4-19		19	19	29,2
GGFFG06	3/8-19		22	22	32,6
GGFFG08	1/2-14		27	27	37,2
GGFFG10	5/8-14		30	30	36,4
GGFFG12	3/4-14		32	32	41,2
GGFFG16	1"-11		41	38	42,6
GGFFG20	1"1/4-11		50	50	52,7
GGFFG24	1"1/2-11		55	55	58,4

Note

FEMALE X FEMALE ADAPTORS
 ADATTATORI FEMMINA X FEMMINA

GGFFM

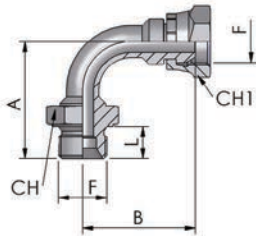
METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL , 60° CONE
 FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	CH1
GGFFM14	M14x1,5	19	19	27,5
GGFFM16	M16x1,5	22	22	30,2
GGFFM18	M18x1,5	24	24	30,2
GGFFM20	M20x1,5	27	27	33,2
GGFFM22	M22x1,5	27	27	35
GGFFM26	M26x1,5	32	32	40,4

Note



90° ADAPTORS
ADATTATORI 90°

C90MFG

SWEPT 90° BSPP MALE X BSP FEMALE SWIVEL, 60° CONE
CURVA 90° MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°

Notes

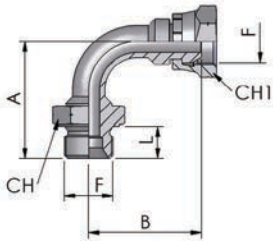
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)					
		F	CH	CH1	A	B	L
C90MFG02	1/8-19	14	14	14	33	26	9,6
C90MFG04	1/4-19	19	19	19	43	33,6	12
C90MFG06	3/8-19	22	22	22	51,6	41,3	12
C90MFG08	1/2-14	27	27	27	59,8	48,6	14
C90MFG10	5/8-14	30	30	30	57	53	16
C90MFG12	3/4-14	32	32	32	73,9	62,1	16
C90MFG16	1"-11	41	38	38	93,7	72,8	18
C90MFG20	1"1/4-11	50	50	50	110,7	85,9	20
C90MFG24	1"1/2-11	55	55	55	123	91,5	22
C90MFG32	2"-11	70	70	70	120	108	24

Note

90° ADAPTORS
ADATTATORI 90°

C90MFM

SWEPT 90° METRIC MALE X METRIC FEMALE SWIVEL, 60° CONE
CURVA 90° MASCHIO METRICO X FEMMINA GIREVOLE METRICA, CONO 60°



Notes

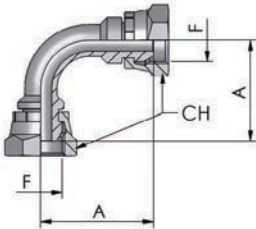
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)					
		F	CH	CH1	A	B	L
C90MFM10	M10x1	14	14	14	36	27	8
C90MFM12	M12x1,5	17	17	17	41	31	10
C90MFM14	M14x1,5	19	19	19	42	30	10,5
C90MFM16	M16x1,5	22	22	22	50	37	12,5
C90MFM18	M18x1,5	24	24	24	45	43	13
C90MFM20	M20x1,5	27	27	27	50	50	14
C90MFM22	M22x1,5	27	27	27	55	45	14,5
C90MFM26	M26x1,5	32	32	32	68	58	16

Note

90° ADAPTORS
ADATTATORI 90°

C90FFG

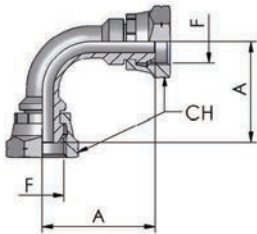
SWEPT 90° BSP FEMALE SWIVEL X BSP FEMALE SWIVEL, 60° CONE
CURVA 90° FEMMINA GIREVOLE BSP X FEMMINA GIREVOLE BSP, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	A
C90FFG02	1/8-28	14	30
C90FFG04	1/4-19	19	33,6
C90FFG06	3/8-19	22	41,3
C90FFG08	1/2-14	27	48,6
C90FFG10	5/8-14	30	50
C90FFG12	3/4-14	32	62,1
C90FFG16	1"-11	38	72,8
C90FFG20	1"1/4-11	50	85,9
C90FFG24	1"1/2-11	55	90
C90FFG32	2"-11	70	115

Note



90° ADAPTORS
ADATTATORI 90°

C90FFM

SWEPT 90° METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL, 60° CONE

CURVA 90° FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°

Notes

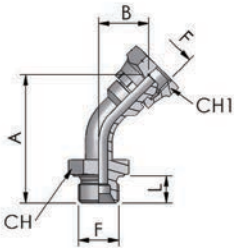
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	CH
C90FFM14	M14x1,5	19	32
C90FFM16	M16x1,5	22	40
C90FFM18	M18x1,5	24	45
C90FFM20	M20x1,5	27	50
C90FFM22	M22x1,5	27	50
C90FFM26	M26x1,5	32	58

Note

45° ADAPTORS
ADATTATORI 45°

C45MFG

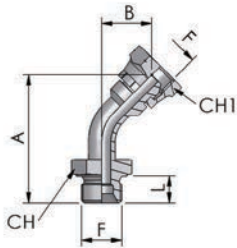
SWEPT 45° BSPP MALE X BSP FEMALE SWIVEL, 60° CONE
CURVA 45° MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)					
		F	CH	CH1	A	B	L
C45MFG02	1/8-28	14	14	14	50	20	8,5
C45MFG04	1/4-19	19	19	19	59,9	28,7	12
C45MFG06	3/8-19	22	22	22	72,3	34,2	12
C45MFG08	1/2-14	27	27	27	84,1	39,8	14
C45MFG10	5/8-14	30	30	30	70	32	15
C45MFG12	3/4-14	32	32	32	104,5	48,2	16
C45MFG16	1"-11	41	38	38	126,8	59,4	18
C45MFG20	1"1/4-11	50	50	50	90	37	20
C45MFG24	1"1/2-11	55	55	55	110	41	22
C45MFG32	2"-11	65	70	70	135	50	24

Note



45° ADAPTORS
ADATTATORI 45°

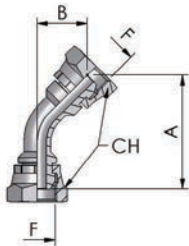
C45MFM

SWEPT 45° METRIC MALE X METRIC FEMALE SWIVEL, 60° CONE
CURVA 45° MASCHIO METRICO X FEMMINA GIREVOLE METRICA, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)					
		F	CH	CH1	A	B	L
C45MFM10	M10x1	14	14	14	50	20	8
C45MFM12	M12x1,5	17	17	17	50	20	10
C45MFM14	M14x1,5	19	19	19	52	22	10,5
C45MFM16	M16x1,5	22	22	22	58	25	12,5
C45MFM18	M18x1,5	24	24	24	60	26	13
C45MFM20	M20x1,5	27	27	27	65	28	14
C45MFM22	M22x1,5	27	27	27	70	28	14,5
C45MFM26	M26x1,5	32	32	32	82	33	16

Note



45° ADAPTORS
ADATTATORI 45°

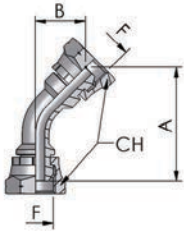
C45FFG

SWEPT 45° BSP FEMALE SWIVEL X BSP FEMALE SWIVEL, 60° CONE
CURVA 45° FEMMINA GIREVOLE BSP X FEMMINA GIREVOLE BSP, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
C45FFG04	1/4-19	19	53,3	22,1
C45FFG06	3/8-19	22	65	26,9
C45FFG08	1/2-14	27	76	31,5
C45FFG10	5/8-14	30	65	34
C45FFG12	3/4-14	32	96,2	36,8
C45FFG16	1"-11	38	111,3	46,2
C45FFG20	1"1/4-11	50	93	38
C45FFG24	1"1/2-11	55	103	40

Note



45° ADAPTORS
ADATTATORI 45°

C45FFM

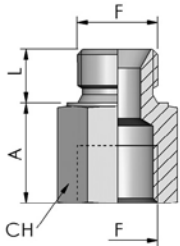
SWEPT 45° METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL, 60° CONE

CURVA 45° FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
C45FFM14	M14x1,5	19	50	20
C45FFM16	M16x1,5	22	55	24
C45FFM18	M18x1,5	24	60	26
C45FFM22	M22x1,5	27	60	26

Note



CONNECTORS
PROLUNGHE

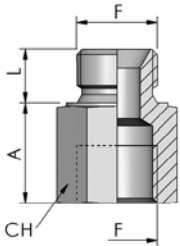
PCG

SHORT CONNECTOR BSPP MALE 60° CONE X BSPP FEMALE
PROLUNGA CORTA MASCHIO BSPP CONO 60° X FEMMINA BSPP

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
PCG02	1/8-28	14	15	9,6
PCG04	1/4-19	19	24	11,2
PCG06	3/8-19	22	25	13,6
PCG08	1/2-14	27	26	14
PCG10	5/8-14	30	25	16
PCG12	3/4-14	32	25	16
PCG16	1"-11	41	46	20,3
PCG20	1"1/4-11	50	32	22
PCG24	1"1/2-11	55	37	22
PCG32	2"-11	70	36	24
PCG40	2"1/2-11	85	40	25

Note



CONNECTORS
PROLUNGHE

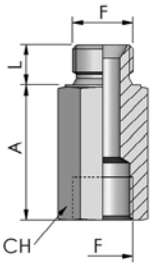
PCM

SHORT CONNECTOR METRIC MALE 60° CONE X METRIC FEMALE
PROLUNGA CORTA MASCHIO METRICO CONO 60° X FEMMINA METRICA

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
PCM10	M10x1	14	15	9
PCM14	M14x1,5	19	17	11
PCM16	M16x1,5	22	20	13
PCM18	M18x1,5	24	20	13
PCM20	M20x1,5	27	21,5	14,5
PCM22	M22x1,5	27	21,5	14,5
PCM26	M26x1,5	32	24	16

Note



CONNECTORS
PROLUNGHE

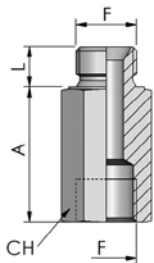
PLG

LONG CONNECTOR BSPP MALE 60° CONE X BSPP FEMALE
PROLUNGA LUNGA MASCHIO BSPP CONO 60° X FEMMINA BSPP

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
PLG02	1/8-28	14	30	9,6
PLG04	1/4-19	19	40	11,2
PLG06	3/8-19	22	41	12
PLG08	1/2-14	27	46	14
PLG08H50	1/2-14	27	36	14
PLG10	5/8-14	30	45	15
PLG12	3/4-14	32	55	17
PLG16	1"-11	41	60	20,3
PLG20	1"1/4-11	50	70	22
PLG24	1"1/2-11	55	76	22
PLG32	2"-11	70	80	24

Note



CONNECTORS
PROLUNGHE

PLM

LONG CONNECTOR METRIC MALE 60° CONE X METRIC FEMALE
PROLUNGA LUNGA MASCHIO METRICO CONO 60° X FEMMINA METRICA

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
PLM10	M10x1	14	29	9
PLM14	M14x1,5	19	36	11
PLM16	M16x1,5	22	41	12,5
PLM18	M18x1,5	24	41	13
PLM20	M20x1,5	27	45	15
PLM22	M22x1,5	27	45	15

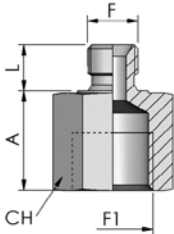
Note

CONNECTORS
PROLUNGHE

PCRG

SHORT REDUCER BSPP MALE 60° CONE X BSPP FEMALE

PROLUNGA CORTA DI RIDUZIONE MASCHIO BSPP CONO 60° X FEMMINA BSPP



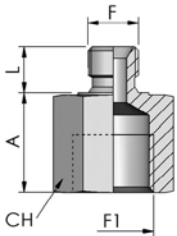
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)		
	F	F1	CH	A	L
PCRG0204	1/8-28	1/4-19	19	22	8
PCRG0402	1/4-19	1/8-28	19	22	11,2
PCRG0406	1/4-19	3/8-19	22	25	11,2
PCRG0408	1/4-19	1/2-14	27	26	11,2
PCRG0604	3/8-19	1/4-19	22	25	13,6
PCRG0608	3/8-19	1/2-14	27	26	13,6
PCRG0804	1/2-14	1/4-14	27	26,8	14,8
PCRG0806	1/2-14	3/8-19	27	26	14,8
PCRG0812	1/2-14	3/4-14	32	40	14,8
PCRG1204*	3/4-14	1/4-19	32	22	17
PCRG1206*	3/4-14	3/8-19	32	40	17
PCRG1208	3/4-14	1/2-14	32	40	17
PCRG1216	3/4-14	1"-11	41	46	17
PCRG1608	1"-11	1/2-14	41	46	20,3
PCRG1612	1"-11	3/4-14	41	46	20,3
PCRG1620	1"-11	1"1/4-11	50	34	20,3
PCRG1624	1"-11	1"1/2-11	55	34	20
PCRG2012	1"1/4-11	3/4-14	50	32	22
PCRG2016	1"1/4-11	1"-11	50	32	22
PCRG2024	1"1/4-11	1"1/2-11	55	34	22
PCRG2420	1"1/2-11	1"1/4-11	55	33	22,5



CONNECTORS
PROLUNGHE

PCRGM

SHORT REDUCER BSPP MALE 60° CONE X METRIC FEMALE

PROLUNGA CORTA DI RIDUZIONE MASCHIO BSPP CONO 60° X FEMMINA METRICA

Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)		
	F	F1	CH	A	L
PCRGM0410	1/4-19	M10X1	17	14,5	10,5
PCRGM0414	1/4-19	M14X1,5	17	16,5	10,5
PCRGM0614	3/8-19	M14X1,5	22	20	13
PCRGM0616	3/8-19	M16x1,5	22	20	13
PCRGM0618	3/8-19	M18x1,5	22	20	13
PCRGM0814	1/2-14	M14x1,5	27	19,5	15
PCRGM0816	1/2-14	M16X1,5	27	19,5	15
PCRGM0818	1/2-14	M18x1,5	27	19,5	15
PCRGM0820*	1/2-14	M20x1,5	27	25,5	14
PCRGM0822	1/2-14	M22x1,5	27	21	15

Note

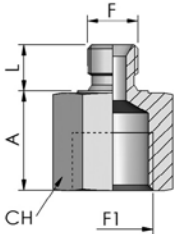
* ARTICOLO IN ESAURIMENTO

CONNECTORS
PROLUNGHE

PCRMG

SHORT REDUCER METRIC MALE 60° CONE X BSPP FEMALE

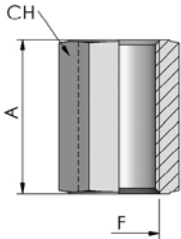
PROLUNGA CORTA DI RIDUZIONE MASCHIO METRICO CONO 60° X FEMMINA BSPP



Notes

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)		
	F	F1	CH	A	L
PCRMG1002	M10X1	1/8-28	14	15	9
PCRMG1404	M14x1,5	1/4-19	19	17	10,5
PCRMG1406	M14x1,5	3/8-19	22	19	11
PCRMG1604	M16X1,5	1/4-19	22	20	13
PCRMG1606	M16X1,5	3/8-19	22	20	13
PCRMG1804	M18x1,5	1/4-19	24	20	14
PCRMG1806	M18x1,5	3/8-19	24	20	14
PCRMG1808	M18x1,5	1/2-14	27	22	14
PCRMG2206	M22x1,5	3/8-19	27	19,5	15
PCRMG2208	M22x1,5	1/2-14	27	22	15

Note



CONNECTORS
PROLUNGHE

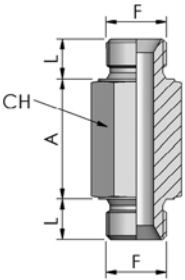
PCFFG

SHORT CONNECTOR BSPP FEMALE X BSPP FEMALE
PROLUNGA CORTA FEMMINA BSPP X FEMMINA BSPP

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		CH	A
PCFFG02	1/8-28	14	30
PCFFG04	1/4-19	19	30
PCFFG06	3/8-19	22	35
PCFFG08	1/2-14	27	40
PCFFG12	3/4-14	32	40
PCFFG16	1"-11	41	50

Note



CONNECTORS
PROLUNGHE

PLMMG

LONG CONNECTOR BSPP MALE X BSPP MALE, 60° CONE
PROLUNGA LUNGA MASCHIO BSPP X MASCHIO BSPP, CONO 60°

Notes

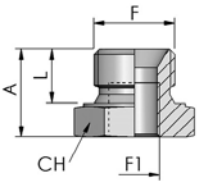
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
PLMMG04	1/4-19		17	28	11
PLMMG06	3/8-19		22	34	13
PLMMG08	1/2-14		27	40	15
PLMMG12	3/4-14		32	41	17
PLMMG16	1"-11		38	40	19

Note

CONNECTORS
PROLUNGHE

RMN

BSPP REDUCER BSPP MALE 60° CONE X BSPP FEMALE
RIDUZIONE MEZZO NIPPLE BSPP, CONO 60°



Notes

* WHILE STOCKS LAST

Note

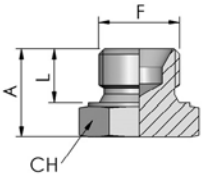
* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)		
	F	F1	CH	A	L
RMN0402	1/4-19	1/8-28	19	17,8	11,2
RMN0602	3/8-19	1/8-28	22	21,3	13,6
RMN0604	3/8-19	1/4-19	22	19,7	12
RMN0804	1/2-14	1/4-19	27	23,6	14,8
RMN0806	1/2-14	3/8-19	27	23,6	14,8
RMN1204	3/4-14	1/4-19	32	26,9	17
RMN1206	3/4-14	3/8-19	32	25,9	16
RMN1208	3/4-14	1/2-14	32	26	16
RMN1218*	3/4"-14	M18x1,5	32	25,3	17,5
RMN1602*	1"-11	1/8-28	41	30	19
RMN1604	1"-11	1/4-19	41	31,3	20,3
RMN1606	1"-11	3/8-19	41	31,3	20,3
RMN1608	1"-11	1/2-14	41	31,3	20,3
RMN1612	1"-11	3/4-14	41	31,3	20,3
RMN2012	1"1/4-11	3/4-14	50	36	20
RMN2016	1"1/4-11	1"-11	50	36	20
RMN2416	1"1/2-11	1"-11	55	36,8	22
RMN2420	1"1/2-11	1"1/4-11	55	36,8	22
RMN3216	2"-11	1"-11	70	40	24
RMN3220	2"-11	1"1/4-11	70	40	24
RMN3224	2"-11	1"1/2-11	70	40	24

PLUGS
TAPPI MASCHIO

TMG

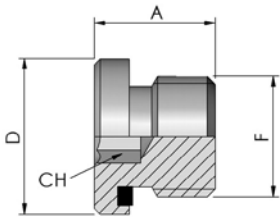
BSPP PLUG, 60° CONE
TAPPO MASCHIO BSPP, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
TMG02	1/8-28	14	15,7	9,4
TMG04	1/4-19	19	17,8	11,2
TMG06	3/8-19	22	21,3	13,6
TMG08	1/2-14	27	23,6	14,8
TMG10	5/8-14	30	25,8	16
TMG12	3/4-14	32	25,9	16
TMG16	1"-11	41	29	18
TMG20	1"1/4-11	50	36,5	22
TMG24	1"1/2-11	55	36,8	22
TMG32	2"-11	70	40	24
TMG40	2"1/2-11	75	38	25

Note



PLUGS
TAPPI MASCHIO

TMBORG

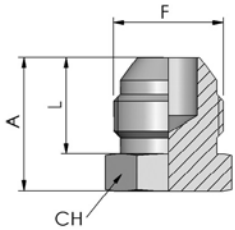
BSPP PLUG INNER HEXAGON, O-RING
TAPPO MASCHIO BSPP ESAGONO INCASSATO, O-RING

Norme - Norma: ISO 1179

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
TMBORG02	1/8-28	4	13	15
TMBORG04	1/4-19	6	16	19
TMBORG06	3/8-19	6	17	22
TMBORG08	1/2-14	8	20	27
TMBORG12	3/4-14	12	20	32
TMBORG16	1"-11	12	22	40
TMBORG20	1"1/4-11	12	25	50

Note



PLUGS
TAPPI MASCHIO

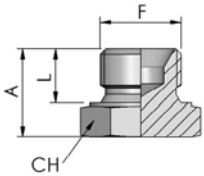
5045

JIC PLUG
TAPPO MASCHIO JIC

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
50450004	7/16-20	13	20,3	14
50450005	1/2-20	14	20,3	14
50450006	9/16-18	16	21,3	14,1
50450008	3/4-16	19	23,9	16,7
50450010	7/8-14	24	27,9	19,3
50450012	1"1/16-12	27	32,5	21,9
50450016	1"5/16-12	36	33,8	23,1
50450020	1"5/8-12	46	36,8	24,3
50450024	1"7/8-12	50	41,9	27,5

Note



PLUGS
TAPPI MASCHIO

TMM

METRIC PLUG, 60° CONE
TAPPO MASCHIO METRICO, CONO 60°

Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
TMM10	M10x1	15	13,5	8
TMM12	M12x1,5	17	18,1	11
TMM14	M14x1,5	19	19,2	12
TMM16	M16x1,5	22	21,4	13
TMM18	M18x1,5	24	22,4	14
TMM20	M20x1,5	27	23,6	14
TMM22	M22x1,5	27	24,6	15
TMM24*	M24x1,5	30	24	13,5
TMM26	M26x1,5	32	25	16
TMM30	M30x1,5	36	26	16,5
TMM36*	M36x1,5	46	35,8	21

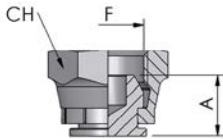
Note

* ARTICOLO IN ESAURIMENTO

CAPS
TAPPI FEMMINA

TFG

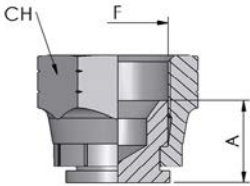
BSP SWIVEL CAP, 60° CONE
TAPPO FEMMINA GIREVOLE BSP, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
	F	CH	A
TFG02	1/8-28	14	11,5
TFG04	1/4-19	19	16,1
TFG06	3/8-19	22	17,3
TFG08	1/2-14	27	19,1
TFG10	5/8-14	30	16,3
TFG12	3/4-14	32	20,6
TFG16	1"-11	38	20,8
TFG20	1"1/4-11	50	22
TFG24	1"1/2-11	55	21,5
TFG32	2"-11	70	25

Note



CAPS
TAPPI FEMMINA

5043

JIC SWIVEL CAP, 37° CONE
TAPPO FEMMINA GIREVOLE JIC, CONO 37°

Norme - Norma: SAE J514

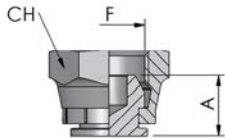
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
	F	CH	A
50430004	7/16-20	15	10,3
50430005	1/2-20	17	10,3
50430006	9/16-18	19	11
50430008	3/4-16	24	12,3
50430010	7/8-14	27	14
50430012	1"1/16-12	32	15,7
50430016	1"5/16-12	38	17,2
50430024*	1"7/8-12	60	23

Note

* ARTICOLO IN ESAURIMENTO



CAPS
TAPPI FEMMINA

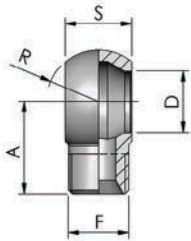
TFM

METRIC SWIVEL CAP, 60° CONE
TAPPO FEMMINA GIREVOLE METRICA, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	A
TFM10	M10x1	14	11,5
TFM14	M14x1,5	19	16,1
TFM16	M16x1,5	22	17,3
TFM18	M18x1,5	24	17,3
TFM20	M20x1,5	27	15,6
TFM22	M22x1,5	27	19,1
TFM26	M26x1,5	32	20,6

Note



BANJOS
OCCHI

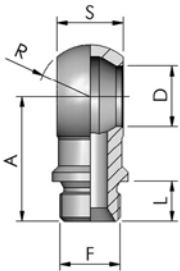
OFG

BSP BANJO X BSPP MALE 60° CONE
OCCHIO BSP X MASCHIO BSPP CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	A	R	S	D
OFG02	1/8-28	19		8,5	10	1/8
OFG04	1/4-19	25		12	14	1/4
OFG06	3/8-19	28		14	17	3/8
OFG08	1/2-14	32		18	23	1/2
OFG10	5/8-14	38		-	23	5/8
OFG12	3/4-14	40		22,5	29,5	3/4
OFG16	1"-11	46		-	35	1"

Note



BANJOS
OCCHI

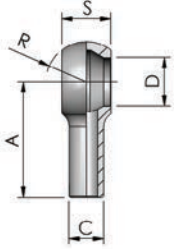
OFBG

BSP BANJO X BSPP MALE WITH COLLAR 60° CONE
OCCHIO BSP X MASCHIO BSPP CON BATTUTA CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	A	L	R	S
OFBG04	1/4-19	31,9	12	12	14	1/4
OFBG06	3/8-19	37,9	12	14	17	3/8
OFBG08	1/2-14	55	14	18	23	1/2
OFBG12	3/4-14	45	-	-	30	3/4

Note



BANJOS
OCCHI

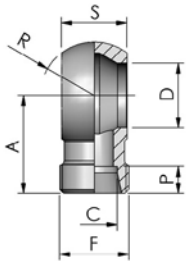
OFC

BSP BANJO X STANDPIPE
OCCHIO BSP X CODOLO

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		A	C	R	S	D
OFC0612	F	40	12	14	17	3/8

Note



BANJOS
OCCHI

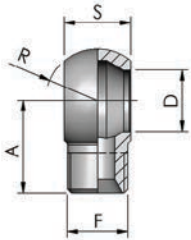
OFL

BSP BANJO X METRIC MALE 24° CONE, LIGHT
OCCHIO BSP X MASCHIO METRICO CONO 24°, SERIE LEGGERA

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)					
	F	A	C	R	P	S	D
OFL0612	M18x1,5	25,4	12	14	8	17	3/8

Note



BANJOS
OCCHI

OFM

METRIC BANJO X METRIC MALE 60° CONE
OCCHIO METRICO X MASCHIO METRICO CONO 60°

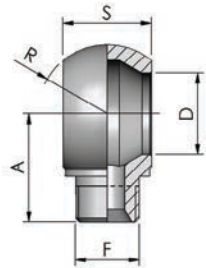
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	A	S
OFM10	M10x1	18	10,5	M10
OFM14	M14x1,5	25	14	M14
OFM16	M16x1,5	27	17	M16
OFM18	M18x1,5	30	20	M18
OFM20*	M20x1,5	52	22	M20
OFM22	M22x1,5	32	22,5	M22

Note

* ARTICOLO IN ESAURIMENTO



BANJOS
OCCHI

OFRG

BSP REDUCER BANJO X BSPP MALE 60° CONE
RIDUZIONE OCCHIO BSP X MASCHIO BSPP CONO 60°

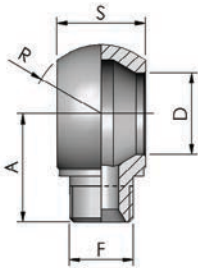
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	A	R	S
OFRG0402*	1/8-28	34	12	14,5	1/4
OFRG0604	1/4-19	26	14	17	3/8
OFRG0804	1/4-19	30	18	23	1/2
OFRG0806	3/8-19	28,2	18	23	1/2

Note

* ARTICOLO IN ESAURIMENTO



BANJOS
OCCHI

OFRGM

BSP BANJO X METRIC MALE 60° CONE
OCCHIO BSP X MASCHIO METRICO CONO 60°

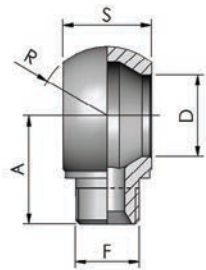
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
	F	A	R	S	D
OFRGM0414*	M14x1,5	25	12	15	1/4
OFRGM0618*	M18x1,5	52,5	17,5	21,9	3/8

Note

* ARTICOLO IN ESAURIMENTO



BANJOS
OCCHI

OFRMG

METRIC BANJO X BSP MALE 60° CONE
OCCHIO METRICO X MASCHIO BSP CONO 60°

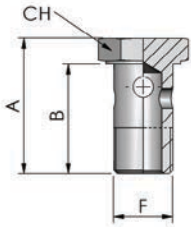
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	A	R	S
OFRMG1404*	1/4-19	24,7	12	13,8	M14
OFRMG1806*	3/8-19	32	16	20,5	M18
OFRMG1808*	1/2-14	29,3	16	22,1	M18

Note

*ARTICOLO IN ESAURIMENTO



BOLTS FOR BANJOS
BULLONI FORATI

BFG

BSP BANJO BOLT
BULLONE FORATO BSP

Notes

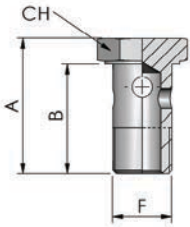
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
BFG02	1/8-28	14	25	19
BFG04	1/4-19	19	33	26,5
BFG06	3/8-19	22	39	31
BFG08	1/2-14	27	47	38
BFG10	5/8-14	30	49,8	40
BFG12	3/4-14	32	57	47
BFG16	1"-11	41	68	58

Note

BOLTS FOR BANJOS
BULLONI FORATI

BFM

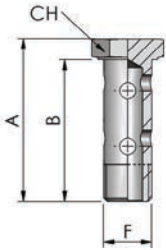
METRIC BANJO BOLT
BULLONE FORATO METRICO



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
BFM08	M8x1	12	22	17
BFM10	M10x1	14	25,5	20,5
BFM12	M12x1,5	17	30	24
BFM14	M14x1,5	19	32	26
BFM16	M16x1,5	22	34	28
BFM18	M18x1,5	24	38	32
BFM20	M20x1,5	27	43,9	36
BFM22	M22x1,5	27	46	39
BFM24	M24x1,5	32	51,9	42
BFM26	M26x1,5	32	52	45

Note



BOLTS FOR BANJOS
BULLONI FORATI

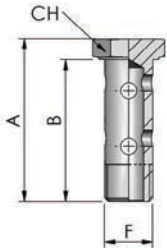
BFDG

BSP DOUBLE BANJO BOLT
BULLONE FORATO DOPPIO BSP

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
BFDG02	1/8-28	14	39	33
BFDG04	1/4-19	19	48,5	42
BFDG06	3/8-19	22	58	50
BFDG08	1/2-14	27	70,5	61,5
BFDG12	3/4-14	32	87,5	77,5
BFDG16	1"-11	41	108,5	98,5

Note



BOLTS FOR BANJOS
BULLONI FORATI

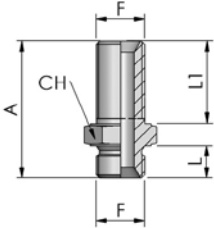
BFDM

METRIC DOUBLE BANJO BOLT
BULLONE FORATO DOPPIO METRICO

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
BFDM08	M8x1	12	30,5	26
BFDM10	M10x1	14	35	30
BFDM12	M12x1,5	17	43,7	38,5
BFDM14	M14x1,5	19	48,5	42
BFDM16	M16x1,5	22	58	50
BFDM18	M18x1,5	24	69,9	62
BFDM20	M20x1,5	27	65,6	57,1
BFDM22	M22x1,5	27	73	64

Note



BULKHEAD
PASSAPARETE

P

BSPP BULKHEAD UNION 60° CONE
PASSAPARETE BSPP CONO 60°

Notes

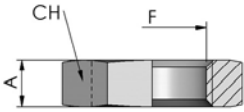
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
P04	1/4-19	19	45,9	11,2	27,5
P06	3/8-19	22	54	13,6	32
P08	1/2-14	27	60	14,8	35,6
P12	3/4-14	32	63,8	16	37
P16	1"-11	41	82,3	20,3	50
P20	1"1/4-11	50	88	20	52
P24	1"1/2-11	55	91	22	52

Note

NUTS
DADI

C

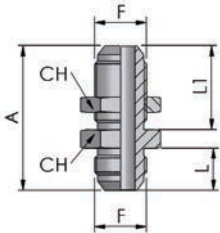
NUT FOR BSPP BULKHEAD UNION
CONTRODADO PER PASSAPARETE BSPP



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		CH	A
	F		
C04	1/4-19	19	7
C06	3/8-19	22	7
C08	1/2-14	27	8
C12	3/4-14	32	9,4
C16	1"-11	41	10
C20	1"1/4-11	50	12
C24	1"1/2-11	55	13

Note



BULKHEAD
PASSAPARETE

5053

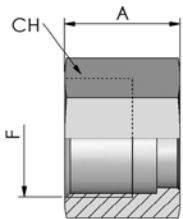
JIC BULKHEAD UNION 37° CONE
PASSAPARETE JIC CONO 37°

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
50530004	7/16-20	17	52,6	14	31,5
50530005	1/2-20	19	52,6	14	31,5
50530006	9/16-18	22	55,5	14,1	33,5
50530008	3/4-14	24	62	16,7	37,6
50530010	7/8-14	30	69,6	19,3	41,1
50530012	1"1/16-12	36	78,2	21,8	45
50530016	1"5/16-12	41	79,4	23,2	45
50530020	1"1/4-11	50	84,1	24,3	46,7
50530024	1"1/2-11	55	89,4	27,5	47

Note



NUTS
DADI

5013

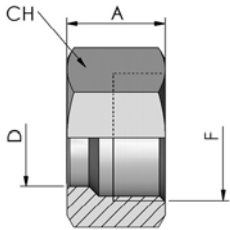
UN / UNF TUBE NUT
DADO UN / UNF

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		CH	A
	F		
50130004	7/16-20	14	15,5
50130005	1/2-12	17	17
50130006	9/16-18	19	18,3
50130008	3/4-16	22	21,3
50130010	7/8-14	27	24,6
50130012	1"1/16-12	32	25,9
50130016	1"5/16-12	41	28,4
50130020	1"5/8-12	50	31
50130024	1"7/8-12	60	35,8

Note



NUTS
DADI

TN81

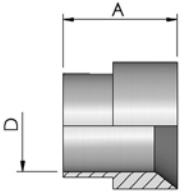
METRIC TUBE NUT
DADO METRICO

Norme - Norma: DIN 2353

Notes

Note

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)		
	F	mm	CH	A	D
TN8106L	M12X1,5	6	14	14,5	6
TN8106S	M14X1,5	6	17	16,5	6
TN8108L	M14X1,5	8	17	14,5	8
TN8108S	M16X1,5	8	19	16,5	8
TN8110L	M16X1,5	10	19	15,5	10
TN8110S	M18X1,5	10	22	17,5	10
TN8112L	M18X1,5	12	22	15,5	12
TN8112S	M20X1,5	12	24	17,5	12
TN8114S	M22X1,5	14	27	20,5	14
TN8115L	M22X1,5	15	27	17	15
TN8116S	M24X1,5	16	30	20,5	16
TN8118L	M26X1,5	18	32	18	18
TN8120S	M30X2	20	36	24	20
TN8122L	M30X2	22	36	20	22
TN8125S	M36X2	25	46	27	25
TN8128L	M36X2	28	41	21	28
TN8130S	M42X2	30	50	29	30
TN8135L	M45X2	35	50	24	35
TN8138S	M52X2	38	60	32,5	38
TN8142L	M52X2	42	60	24	42



RINGS
BUSSOLE

5015

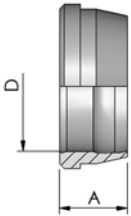
BUSH
BUSSOLA

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
50150004	7/16-20	10,4	6,13
50150005	1/2-20	11,2	8,13
50150006	9/16-18	12,7	10,13
50150008	3/4-16	14,2	12,13
50150010	7/8-14	16,8	16,15
50150012	1"1/16-12	17,3	20,15
50150016	1"5/16-12	19,8	25,15
50150020	1"5/8-12	23,1	32,25
50150024	1"7/8-12	28,4	38,35

Note



RINGS
BUSSOLE

TN88

CUTTING RING
ANELLO DI SERRAGGIO

Norme - Norma: DIN 2353

Notes

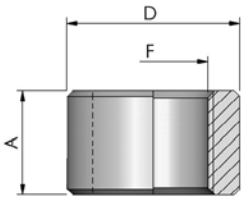
Code Article Codice Articolo	Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		A	D
	mm		
TN8806LS	6	14,5	6
TN8808LS	8	14,5	8
TN8810LS	10	15,5	10
TN8812LS	12	15,5	12
TN8814S	14	20,5	14
TN8815L	15	17	15
TN8816S	16	20,5	16
TN8818L	18	18	18
TN8820S	20	24	20
TN8822L	22	20	22
TN8825S	25	27	25
TN8828L	28	21	28
TN8830S	30	29	30
TN8835L	35	24	35
TN8838S	38	32,5	38
TN8842L	42	24	42

Note

WELD ADAPTORS
ADATTATORI A SALDARE

BSG

BSPP WELD BOSS
BORCHIA A SALDARE BSPP



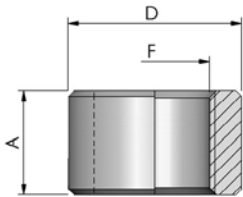
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
BSG02	1/8-28	16	19
BSG04	1/4-19	16	22
BSG06	3/8-19	17	26
BSG08	1/2-14	18	30
BSG10*	5/8-14	19	32
BSG12	3/4-14	20,4	36
BSG16	1"-11	24,5	46
BSG20	1"1/4-11	26	56
BSG24	1"1/2-11	30,5	60
BSG32	2"-11	30,5	70

Note

* ARTICOLO IN ESAURIMENTO



WELD ADAPTORS
ADATTATORI A SALDARE

BSM

METRIC WELD BOSS
BORCHIA A SALDARE METRICA

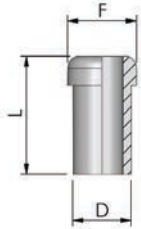
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
	F	A	D
BSM10	M10x1	13	17
BSM12	M12x1,5	14	20
BSM14	M14x1,5	14	22
BSM16	M16x1,5	17	26
BSM18	M18x1,5	18	28
BSM20	M20x1,5	18	28
BSM22	M22x1,5	18	30
BSM24*	M24x1,5	20	36

Note

* ARTICOLO IN ESAURIMENTO



WELD ADAPTORS
ADATTATORI A SALDARE

OSSG

BSP WELD FEMALE, 60° CONE
FEMMINA SEDE OGIVA A SALDARE BSP, CONO 60°

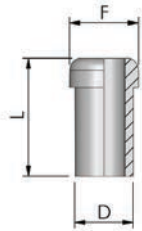
Notes

A: CODE FOR NUT TO USE

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	A	D
OSSG04	1/4-19	DBP04	21,8	8,5
OSSG06	3/8-19	DBP06	25	13
OSSG08	1/2-14	DBP08	30,8	15,2
OSSG12	3/4-14	DBP12	36	21,8
OSSG16	1"-11	DBP16	39	27,8
OSSG20	1"1/4-11	DBP20	42	35
OSSG24	1"1/2-11	DBP24	44	41
OSSG32	2"-11	DBP32	44	51,5
OSSG40	2"1/2-11	DBP40	46	65
OSSG48	3"-11	DBP48	48	78,5

Note

A: CODICE DADO DA UTILIZZARE



WELD ADAPTORS
ADATTATORI A SALDARE

OSSM

METRIC WELD FEMALE, 60° CONE

FEMMINA SEDE OGIVA A SALDARE METRICO, CONO 60°

Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
	F	L	D
OSSM18*	M18x1,5	25	12,9
OSSM22*	M22x1,5	29,8	15,5

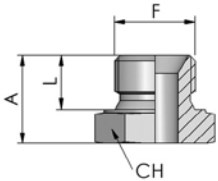
Note

* ARTICOLO IN ESAURIMENTO

WELD ADAPTORS
ADATTATORI A SALDARE

MNEG

BSPP HALF WELD NIPPLE, 60° CONE
MEZZO NIPPLE ESAGONALE A SALDARE BSPP, CONO 60°



Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
MNEG02*	1/8-28	14	16,5	8
MNEG04	1/4-19	19	17,8	11,2
MNEG06	3/8-19	22	21,3	13,6
MNEG08	1/2-14	27	23,6	14,8
MNEG10	5/8-14	30	26,5	15
MNEG12	3/4-14	32	26,9	17
MNEG16	1"-11	41	31,3	20,3
MNEG20	1"1/4-11	50	36,5	22
MNEG24	1"1/2-11	55	36,8	22
MNEG32	2"-11	70	40	24
MNEG40	2"1/2-11	75	42	25

Note

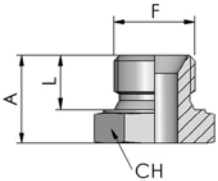
* ARTICOLO IN ESAURIMENTO

WELD ADAPTORS
ADATTATORI A SALDARE

MNEM

METRIC HALF WELD NIPPLE, 60° CONE

MEZZO NIPPLE ESAGONALE A SALDARE METRICO, CONO 60°



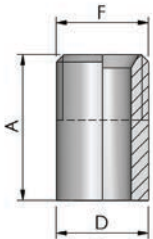
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
MNEM10	M10x1	14	16,6	8
MNEM12	M12x1,5	17	19	10
MNEM14	M14x1,5	19	19,5	10,5
MNEM16	M16x1,5	22	23	12,5
MNEM18	M18x1,5	24	23,5	13
MNEM20	M20x1,5	27	25	14
MNEM22	M22x1,5	27	25	14
MNEM24*	M24x1,5	32	28,5	16
MNEM26	M26x1,5	32	28	16
MNEM30	M30x1,5	36	29	16,5

Note

* ARTICOLO IN ESAURIMENTO



WELD ADAPTORS
ADATTATORI A SALDARE

MNTG

BSPP HALF WELD ROUND NIPPLE, 60° CONE
MEZZO NIPPLE TONDO A SALDARE BSPP, CONO 60°

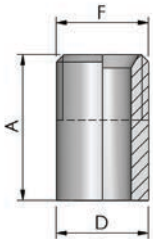
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
MNTG10*	5/8-14	38	24
MNTG12*	3/4-14	36	28
MNTG16*	1"-11	45	32
MNTG20*	1"1/4-11	45	43
MNTG24*	1"1/2-11	50	50

Note

* ARTICOLO IN ESAURIMENTO



WELD ADAPTORS
ADATTATORI A SALDARE

MNTM

METRIC HALF WELD ROUND NIPPLE, 60° CONE
MEZZO NIPPLE TONDO A SALDARE METRICO, CONO 60°

Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
	F	A	D
MNTM18*	M18x1,5	32,4	18

Note

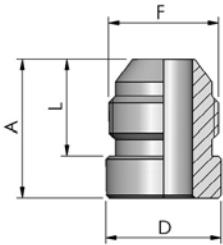
* ARTICOLO IN ESAURIMENTO

WELD ADAPTORS
ADATTATORI A SALDARE

5039

JIC HALF WELD NIPPLE, 37° CONE
MEZZO NIPPLE A SALDARE JIC, CONO 37°

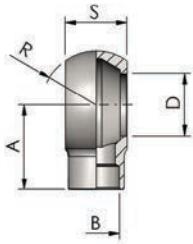
Norme - Norma: SAE J514



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	A	L
50390004	7/16-20	23	14	12
50390005	1/2-20	24	14	13
50390006	9/16-18	24	14,1	15
50390008	3/4-16	27	16,7	20
50390010	7/8-14	30	19,3	23
50390012	1"1/16-12	34	21,9	28
50390016	1"5/16-12	37	23,1	34

Note



WELD ADAPTORS
ADATTATORI A SALDARE

OCSG

BSP WELD BANJO FOR TUBE
OCCHIO A SALDARE BSP

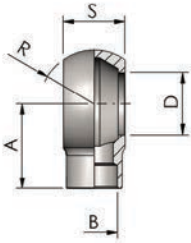
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)				
	D	B	A	R	S
OCSG0206	1/8-28	6	19	8,5	10
OCSG0406	1/4-19	6	24	12	14
OCSG0408	1/4-19	8	24	12	14
OCSG0410	1/4-19	10	24	12	14
OCSG0412*	1/4-19	12	24	12	14
OCSG0610	3/8-19	10	28	14	17
OCSG0612	3/8-19	12	28	14	17
OCSG0615*	3/8-19	15	30	16	20
OCSG0815	1/2-14	15	32	18	23
OCSG0816	1/2-14	16	32	18	22
OCSG0818	1/2-14	18	32	18	22
OCSG1018	5/8-14	18	35	19	25
OCSG1218*	3/4-14	19	34	20	24
OCSG1222	3/4-14	22	40	22,5	29
OCSG1627	1"-11	27	57	29	37



WELD ADAPTORS
ADATTATORI A SALDARE

OCSM

METRIC WELD BANJO FOR TUBE
OCCHIO A SALDARE METRICO

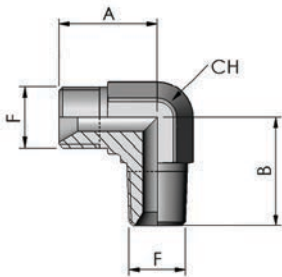
Notes

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)				
	D	B	A	R	S
OCSM0804*	M8	4	15	7	8
OCSM0805*	M8	5	15	7	8
OCSM1006	M10	6	17	8,5	10
OCSM1206*	M12	6	22	10	12
OCSM1208	M12	8	22	10	12
OCSM1410	M14	10	24	12	14
OCSM1414*	M14	14	29	14	18
OCSM1610*	M16	10	28	14	18
OCSM1612	M16	12	28	14	17
OCSM1812	M18	12	29	16	20
OCSM1814	M18	14	29	16	20
OCSM1816*	M18	16	29	16	20
OCSM2014	M20	14	32	17,5	22
OCSM2016*	M20	16	32	17,5	22
OCSM2216	M22	16	32	17,5	22
OCSM2218*	M22	18	32	17,5	22
OCSM2416*	M24	17	37	21	26
OCSM2622	M26	22	40	22,5	45



FORGED ADAPTORS
ADATTATORI FORGIATI

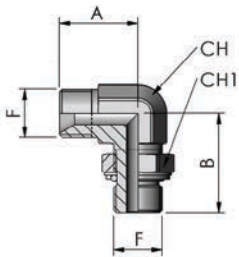
C90MMG

COMPACT ELBOW 90° BSPP MALE 60° CONE X BSPT MALE
CURVA 90° COMPATTA MASCHIO BSPP CONO 60° X MASCHIO BSPT

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
C90MMG04	1/4-19	14	26	28
C90MMG06	3/8-19	19	29	31
C90MMG08	1/2-14	22	34	37
C90MMG12	3/4-14	27	41	40
C90MMG16	1"-11	33	45	50
C90MMG20	1"1/4-11	41	52	60

Note



FORGED ADAPTORS
ADATTATORI FORGIATI

COG

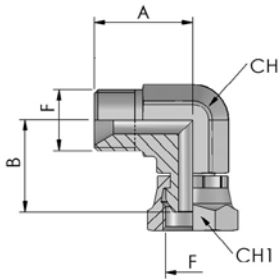
COMPACT ELBOW 90° BSPP MALE 60° CONE X BSPP MALE
ADJUSTABLE

*CURVA 90° COMPATTA MASCHIO BSPP CONO 60° X MASCHIO
ORIENTABILE BSPP*

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
COG04	1/4-19	14	19	26	32
COG06	3/8-19	19	22	29	37
COG08	1/2-14	22	27	34	43
COG12	3/4-14	27	36	41	50
COG16	1"-11	33	41	45	54
COG20	1"1/4-11	41	50	52	58

Note



FORGED ADAPTORS
ADATTATORI FORGIATI

C90MFGC

COMPACT ELBOW 90° BSPP MALE X BSP FEMALE SWIVEL, 60° CONE
CURVA 90° COMPATTA MASCHIO BSPP X FEMMINA GIREVOLE BSP,
CONO 60°

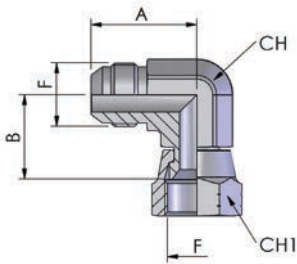
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
C90MFGC04	1/4-19	14	19	26	23,8
C90MFGC06	3/8-19	19	22	29	28,4
C90MFGC08	1/2-14	22	27	34	32
C90MFGC10*	5/8-14	27	30	38	39,3
C90MFGC12	3/4-14	27	32	41	38,5
C90MFGC16	1"-11	33	38	45	46,2
C90MFGC20	1 1/4"-11	41	50	52	54

Note

* ARTICOLO IN ESAURIMENTO



FORGED ADAPTORS
ADATTATORI FORGIATI

5409

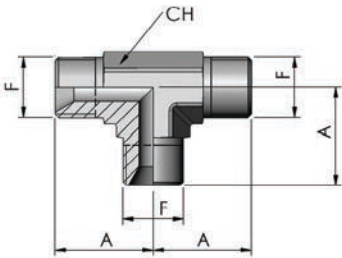
COMPACT ELBOW 90° JIC MALE X JIC FEMALE SWIVEL, 37° CONE
CURVA 90° COMPATTA MASCHIO JIC X FEMMINA GIREVOLE JIC, CONO 37°

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
54090005	1/2-20	13	19	24,1	18,5
54090006	9/16-18	14	17	27	22
54090008	3/4-16	19	24	31,8	25,5
54090010	7/8-14	22	27	36,8	28,5
54090012	1"1/16-12	27	32	42	30
54090016	1"5/16-12	33	38	46	36,5
54090020	1"5/8-12	41	50	52,3	44
54090024	1"7/8-12	48	60	59,2	44,9

Note



FORGED ADAPTORS
ADATTATORI FORGIATI

TMMM

"T" BSPP MALE X MALE X MALE, 60° CONE

"T" BSPP MASCHIO X MASCHIO X MASCHIO, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
	F	CH	A
TMMM04	1/4-19	14	26
TMMM06	3/8-19	19	29
TMMM08	1/2-14	22	34
TMMM12	3/4-14	27	41
TMMM16	1"-11	33	45

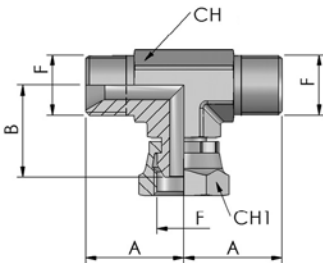
Note

FORGED ADAPTORS
ADATTATORI FORGIATI

TMFM

"T" BSPP MALE X FEMALE X MALE, 60° CONE

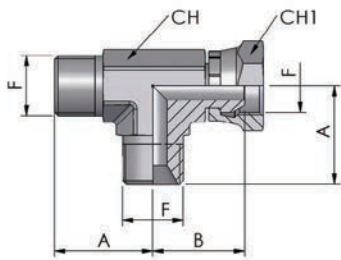
"T" BSPP MASCHIO X FEMMINA X MASCHIO, CONO 60°



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
TMFM04	1/4-19	14	19	26	23,8
TMFM06	3/8-19	19	22	29	28,4
TMFM08	1/2-14	22	27	34	31,8
TMFM12	3/4-14	27	32	41	38,5
TMFM16	1"-11	33	38	45	45,7
TMFM20	1 1/4-11	41	50	52	54

Note



FORGED ADAPTORS
ADATTATORI FORGIATI

TMMF

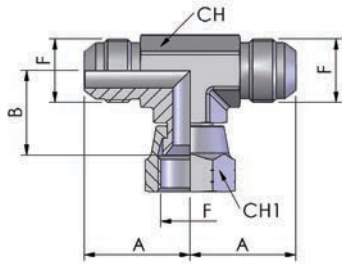
"T" BSPP MALE X MALE X FEMALE, 60° CONE

"T" BSPP MASCHIO X MASCHIO X FEMMINA, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
TMMF04	1/4-19	14	19	23,8	26
TMMF06	3/8-19	19	22	28,4	29
TMMF08	1/2-14	22	27	31,8	34
TMMF12	3/4-14	27	32	38	41
TMMF16	1"-11	33	38	46,2	45
TMMF20	1"1/4-11	41	50	54	52

Note



FORGED ADAPTORS
ADATTATORI FORGIATI

5455

"T" JIC MALE X FEMALE X MALE, 37° CONE

"T" JIC MASCHIO X FEMMINA X MASCHIO, CONO 37°

Norme - Norma: SAE J514

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
54550004	7/16-20	11	17	22,6	17
54550005	1/2-20	13	19	24,1	18,5
54550006	9/16-18	14	19	26,9	23
54550008	3/4-16	19	22	32	25
54550010	7/8-14	22	27	36,8	28,5
54550012	1"1/16-12	27	32	42,2	31,5
54550016	1"5/16-12	33	38	46	36,5
54550020	1"5/8-12	41	50	52,3	44
54550024	1"7/8-12	48	60	59,2	44,9

Note

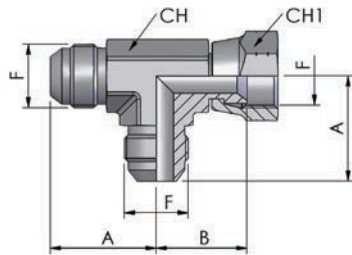
FORGED ADAPTORS
ADATTATORI FORGIATI

5459

"T" JIC MALE X MALE X FEMALE, 37° CONE

"T" JIC MASCHIO X MASCHIO X FEMMINA, CONO 37°

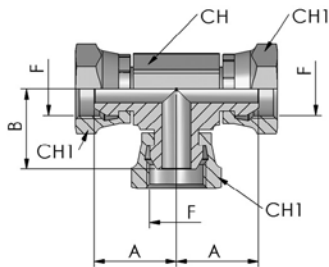
Norme - Norma: SAE J514



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
54590004	7/16-20	11	17	22,6	17
54590005	1/2-20	13	16	25	18
54590006	9/16-18	14	19	26,9	23
54590008	3/4-16	19	24	31,8	25,5
54590010	7/8-14	22	27	38	28
54590012	1"1/16-12	27	32	42,2	31,5
54590016	1"5/16-12	33	38	46	36,5
54590020	1"5/8-12	41	50	52,3	44
54590024	1"7/8-12	48	60	59,2	44,9

Note



FORGED ADAPTORS
ADATTATORI FORGIATI

TFFF

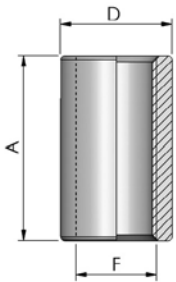
"T" BSPP FEMALE X FEMALE X FEMALE, 60° CONE

"T" BSPP FEMMINA X FEMMINA X FEMMINA, CONO 60°

Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A
TFFF04	1/4-19	14	19	21,6	20,8
TFFF06	3/8-19	19	22	26,3	23,4
TFFF08	1/2-14	22	27	28,5	27
TFFF12	3/4-14	27	32	38,5	38,5
TFFF16	1"-11	33	38	40	46,2

Note



ASA 2000 ADAPTORS
ADATTATORI ASA2000

MFF

FORGED UNION BSPP FEMALE X FEMALE, ASA 2000
GIUNZIONE FORGIATA BSPP FEMMINA X FEMMINA, ASA 2000

Notes

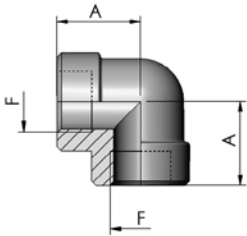
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
MFF02	1/8-28	32	16
MFF04	1/4-19	35	20
MFF06	3/8-19	38	22
MFF08	1/2-14	48	30
MFF12	3/4-14	51	35
MFF16	1"-11	60	45
MFF20	1"1/4-11	67	57
MFF24	1"1/2-11	79	64
MFF32	2"-11	86	76

Note

ASA 2000 ADAPTORS
ADATTATORI ASA2000

C90ASAG

FORGED ELBOW 90° BSPP FEMALE X FEMALE, ASA 2000
CURVA 90° FORGIATA BSPP FEMMINA X FEMMINA, ASA 2000



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)
	F	A
C90ASAG02	1/8-28	21
C90ASAG04	1/4-19	21
C90ASAG06	3/8-19	25
C90ASAG08	1/2-14	29
C90ASAG12	3/4-14	34
C90ASAG16	1"-11	38
C90ASAG20	1"1/4-11	45
C90ASAG24	1"1/2-11	51
C90ASAG32	2"-11	60

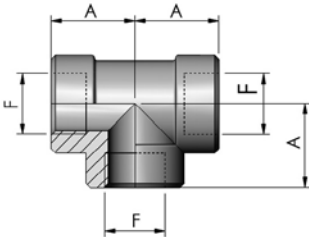
Note

ASA 2000 ADAPTORS
ADATTATORI ASA2000

TASAG

"T" BSPP FIXED FEMALES, ASA 2000

"T" BSPP FEMMINE FISSE, ASA 2000



Notes

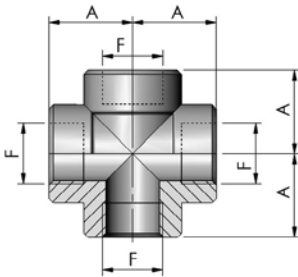
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)
	F	A
TASAG02	1/8-28	21
TASAG04	1/4-19	21
TASAG06	3/8-19	25
TASAG08	1/2-14	29
TASAG12	3/4-14	34
TASAG16	1"-11	38
TASAG20	1"1/4-11	45
TASAG24	1"1/2-11	51
TASAG32	2"-11	60

Note

ASA 2000 ADAPTORS
ADATTATORI ASA2000

CASAG

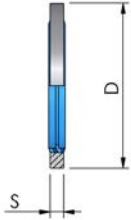
FORGED CROSS BSPP FIXED FEMALES, ASA 2000
GIUNZIONE CROCE FORGIATA BSPP FEMMINE FISSE, ASA 2000



Notes

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)
	F	A
CASAG02	1/8-28	21
CASAG04	1/4-19	21
CASAG06	3/8-19	25
CASAG08	1/2-14	29
CASAG12	3/4-14	34
CASAG16	1"-11	38
CASAG20	1"1/4-11	45
CASAG24	1"1/2-11	51
CASAG32	2"-11	60

Note



SEALS
RONDELLE

RBG

BSP BONDED SEAL
RONDELLA BONDED BSP

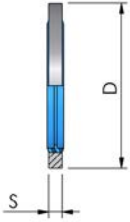
Notes

SELF CENTERING
BOX QUANTITY:
100 PCS

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
RBG02	1/8-28	2	15,9
RBG04	1/4-19	2	20,6
RBG06	3/8-19	2	23,8
RBG08	1/2-14	2,5	28,6
RBG10	5/8-14	2,5	31,8
RBG12	3/4-14	2,5	35
RBG16	1"-11	3,2	42,8
RBG20	1"1/4-11	3,2	52,4
RBG24	1"1/2-11	3,2	58,6
RBG32	2"-11	3,2	73

Note

AUTOCENTRANTE
QUANTITA' PER SCATOLA:
100 PZ



SEALS
RONDELLE

RBM

METRIC BONDED SEAL
RONDELLA BONDED METRICA

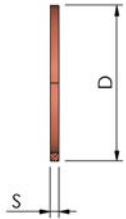
Notes

SELF CENTERING
BOX QUANTITY:
100 PCS

Note

AUTOCENTRANTE
QUANTITA' PER SCATOLA:
100 PZ

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
RBM06	M6x1	1	10
RBM08	M8x1	1	14
RBM10	M10x1	1,5	18
RBM12	M12X1,5	1,5	20
RBM14	M14X1,5	1,5	22
RBM16	M16X1,5	1,5	24
RBM18	M18X1,5	1,5	26
RBM20	M20X1,5	1,5	28
RBM22	M22X1,5	2	30
RBM24	M24X1,5	2	32
RBM26	M26X1,5	2	35
RBM30	M30X1,5	2	39



SEALS
RONDELLE

RRG

BSP COPPER SEAL
RONDELLA RAME BSP

Notes

BOX QUANTITY:
100 PCS

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
RRG02	1/8-28	1,5	16
RRG04	1/4-19	1,5	19
RRG06	3/8-19	1,5	23
RRG08	1/2-14	1,5	27
RRG10	5/8-14	1,5	30
RRG12	3/4-14	1,5	33
RRG16	1"-11	1,5	40
RRG20	1"1/4-11	1,5	50
RRG24	1"1/2-11	1,5	55
RRG32	2"-11	1,5	68

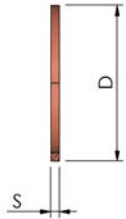
Note

QUANTITA' PER SCATOLA:
100 PZ

SEALS
RONDELLE

RRM

METRIC COPPER SEAL
RONDELLA RAME METRICA



Notes

BOX QUANTITY:
100 PCS

Note

QUANTITA' PER SCATOLA:
100 PZ

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	D
RRM06	M6x1	1,5	12
RRM08	M8x1	1,5	14
RRM10	M10x1	1,5	16
RRM12	M12X1,5	1,5	18
RRM14	M14X1,5	1,5	20
RRM16	M16X1,5	1,5	22
RRM18	M18X1,5	1,5	24
RRM20	M20X1,5	1,5	26
RRM22	M22X1,5	1,5	28
RRM24	M24X1,5	1,5	32
RRM26	M26X1,5	1,5	32
RRM28	M28X1,5	1,5	34
RRM30	M30x1,5	1,5	36



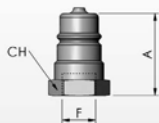
COMPCON



COMPONENTS
COMPONENTI

3

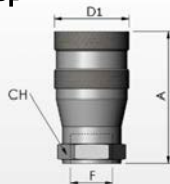
IRPM



364

QUICK RELEASE COUPLING MALE
INNESTO RAPIDO PARTE MASCHIO

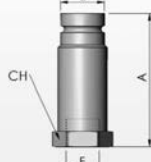
IRPF



365

QUICK RELEASE COUPLING FEMALE
INNESTO RAPIDO PARTE FEMMINA

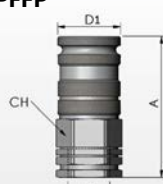
IRPMFP



366

QUICK RELEASE COUPLING FLAT FACE MALE
INNESTO RAPIDO FACCIA PIANA PARTE MASCHIO

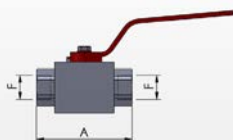
IRPFFP



367

QUICK RELEASE COUPLING FLAT FACE FEMALE
INNESTO RAPIDO FACCIA PIANA PARTE FEMMINA

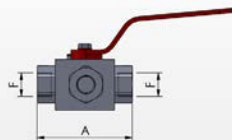
RUB2AP



368

BALL VALVE HIGH PRESSURE 2 WAYS
RUBINETTO A SFERA ALTA PRESSIONE 2 VIE

RUB3AP



369

BALL VALVE HIGH PRESSURE 3 WAYS
RUBINETTO A SFERA ALTA PRESSIONE 3 VIE

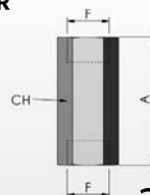
DEV3



370

DIVERTER FLOW 3 WAYS
DEVIATORE ALTA PRESSIONE 3 VIE

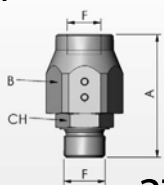
VNR



371

CHECK VALVE
VALVOLA UNIDIREZIONALE

GNT



372

SWIVEL JOINTS
GIUNTO GIREVOLE IN LINEA

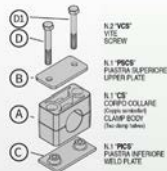
PMR



373

UNIVERSAL SOFT END CAP
TAPPO MORBIDO DI PROTEZIONE UNIVERSALE

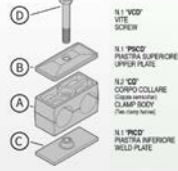
CS



375

SINGLE CLAMP
COLLARE SINGOLO

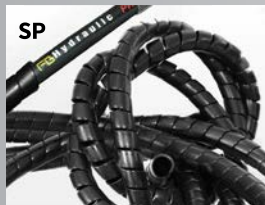
CD



376

DOUBLE CLAMP
COLLARE DOPIO

SP



377

SPRING SAFE
SPIRALE DI PROTEZIONE

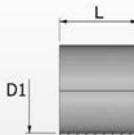
GTN



378

TEXTILE PROTECTION
GUAINA TESSILE DI PROTEZIONE

BG



379

SLEEVE FOR TEXTILE PROTECTION
BOCCOLA PER GUAINA TESSILE

PIATT



380

METAL FLAT
PIATTINA METALLICA

KITTPNP



381

KIT OF GAUGES GO - NO GO FROM 3/16
UP TO 2"
KIT TAMPONI PASSA - NON PASSA DA 3/16
FINO A 2"

index

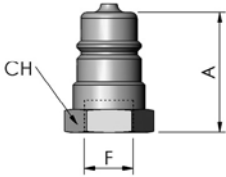
3

364
381

QUICK RELEASE COUPLING
INNESTI RAPIDI

IRPM

QUICK RELEASE COUPLING MALE
INNESTO RAPIDO PARTE MASCHIO



Thread - Filetto: BSP

Norme - Norma: ISO 7241-1A

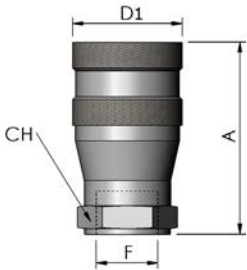
Notes

MATERIAL:
BODY IN HIGH GRADE CARBON STEEL,
INDUCTION HARDENED
VALVE IN STEEL HARDENED
SPRINGS IN C72 STEEL
BALLS IN HIGH RESISTANCE 100 C6
SEAL NBR
ANTIEXTRUSION RINGS IN PTFE
SURFACE TREATMENT:
Cr3 GALVANIZATION
TEMPERATURE RANGE (FLUIDO):
FROM -20°C TO +100°C

Note

MATERIALE:
CORPO IN ACCIAIO AD ALTO TENORE DI
CARBONIO, TEMPRATO AD INDUZIONE
VALVOLE IN ACCIAIO TEMPRATO
MOLLA IN ACCIAIO C72
SFERA AD ALTA RESISTENZA IN ACCIAIO 100
C6
GUARNIZIONE NBR
ANTIESTRUSIONE PTFE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
RANGE DELLE TEMPERATURE (FLUIDO):
DA -20°C A +100°C

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
		F	A
IRPM04	1/4-19	19	34,5
IRPM06	3/8-19	22	39
IRPM08	1/2-14	27	45
IRPM12	3/4-14	34	54,5
IRPM16	1"-11	41	62
IRPM20	1"1/4-11	55	75
IRPM24	1"1/2-11	60	85
IRPM32	2"-11	75	100



QUICK RELEASE COUPLING
INNESTI RAPIDI

IRPF

QUICK RELEASE COUPLING FEMALE
INNESTO RAPIDO PARTE FEMMINA

Thread - Filetto: BSP
Norme - Norma: ISO 7241-1A

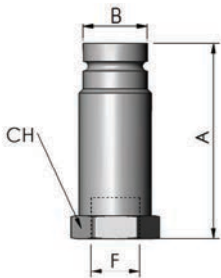
Notes

MATERIAL:
BODY IN CARBON STEEL
VALVE IN STEEL HARDENED
SPRINGS IN C72 STEEL
BALLS IN HIGH RESISTANCE 100 C6
SEAL NBR
ANTIEXTRUSION RINGS IN PTFE
SURFACE TREATMENT:
Cr3 GALVANIZATION
TEMPERATURE RANGE (FLUID):
FROM -20°C TO +100°C

Note

MATERIALE:
CORPO IN ACCIAIO AL CARBONIO
VALVOLE IN ACCIAIO TEMPRATO
MOLLA IN ACCIAIO C72
SFERA AD ALTA RESISTENZA IN ACCIAIO 100 C6
GUARNIZIONE NBR
ANTIESTRUSIONE PTFE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
RANGE DELLE TEMPERATURE (FLUIDO):
DA -20°C A +100°C

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni			
		F	CH	A	D1
IRPF04	1/4-19		19	47	25
IRPF06	3/8-19		24	58	31
IRPF08	1/2-14		30	67	38
IRPF12	3/4-14		38	81	46
IRPF16	1"-11		45	96	55
IRPF20	1"1/4-11		50	117	65
IRPF24	1"1/2-11		60	123	80
IRPF32	2"-11		75	160	100



QUICK RELEASE COUPLING
 INNESTI RAPIDI

IRPMFP

QUICK RELEASE COUPLING FLAT FACE MALE
 INNESTO RAPIDO FACCIA PIANA PARTE MASCHIO

Thread - Filetto: BSP

Norme - Norma: ISO 16028

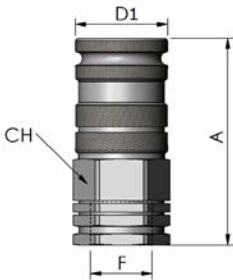
Notes

MATERIAL:
 BODY IN HIGH GRADE CARBON STEEL,
 INDUCTION HARDENED
 VALVE IN HIGH GRADE CARBON STEEL
 SPRINGS IN C72 STEEL
 BALLS IN HIGH RESISTANCE 100 C6
 SEAL NBR
 ANTIEXTRUSION RINGS IN PTFE
 SURFACE TREATMENT:
 Cr3 GALVANIZATION
 TEMPERATURE RANGE (FLUID):
 FROM -20°C TO +100°C

Note

MATERIALE:
 CORPO IN ACCIAIO AD ALTO TENORE DI
 CARBONIO, TEMPRATO AD INDUZIONE
 VALVOLE IN ACCIAIO AD ALTO TENORE DI
 CARBONIO
 MOLLA IN ACCIAIO C72
 SFERA AD ALTA RESISTENZA IN ACCIAIO 100
 C6
 GUARNIZIONE NBR
 ANTIESTRUSIONE PTFE
 TRATTAMENTO SUPERFICIALE:
 ZINCATURA Cr3
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -20°C A +100°C

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni			
		F	CH	A	B
IRPM04FP	1/4-19		22	57	16.1
IRPM06FP	3/8-19		24	68	19.7
IRPM08FP	1/2-14		27	68	24.5
IRPM12FP	3/4-14		36	70	30
IRPM16FP	1"-11		46	83	30
IRPM20FP	1"1/4-11		55	90	36
IRPM24FP	1"1/2-11		70	111	57



QUICK RELEASE COUPLING
INNESTI RAPIDI

IRPFFP

QUICK RELEASE COUPLING FLAT FACE FEMALE
INNESTO RAPIDO FACCIA PIANA PARTE FEMMINA

Thread - *Filetto*: BSP

Norme - *Norma*: ISO 16028

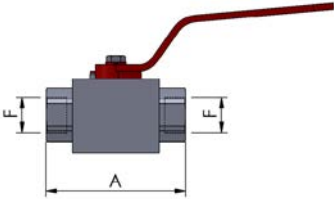
Notes

MATERIAL:
BODY IN HIGH GRADE CARBON STEEL, SOME
COMPONENTS INDUCTION HARDENED
VALVES IN HIGH GRADE CARBON STEEL
SPRINGS IN C72 STEEL
BALLS IN HIGH RESISTANCE 100 C6
SEAL NBR
ANTIEXTRUSION RINGS IN PTFE
SURFACE TREATMENT:
Cr3 GALVANIZATION
TEMPERATURE RANGE (FLUID):
FROM -20°C TO +100°C

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni			
		F	CH	A	D1
IRPF04FP	1/4-19		24	63	28
IRPF06FP	3/8-19		30	72	31
IRPF08FP	1/2-14		30	72	32
IRPF12FP	3/4-14		36	87	38
IRPF16FP	1"-11		46	98	48
IRPF20FP	1"1/4-11		55	106	55
IRPF24FP	1"1/2-11		65	133	80

Note

MATERIALE:
CORPO IN ACCIAIO AD ALTO TENORE DI
CARBONIO, - ALCUNI COMPONENTI
TEMPRATI AD INDUZIONE
VALVOLE IN ACCIAIO AD ALTO TENORE DI
CARBONIO
MOLLA IN ACCIAIO C72
SFERA AD ALTA RESISTENZA IN ACCIAIO 100
C6
GUARNIZIONE NBR
ANTIESTRUSIONE PTFE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
RANGE DELLE TEMPERATURE (FLUIDO):
DA -20°C A +100°C



VALVES
VALVOLE - RUBINETTI

RUB2AP

BALL VALVE HIGH PRESSURE 2 WAYS
RUBINETTO A SFERA ALTA PRESSIONE 2 VIE

Thread - Filetto: BSP

Notes

MATERIAL:
CARBON STEEL
SURFACE TREATMENT:
Cr3 GALVANIZATION

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
		F	A
RUB2AP04	1/4-19	69	500 bar
RUB2AP06	3/8-19	73	500 bar
RUB2AP08	1/2-14	84	500 bar
RUB2AP12	3/4-14	97	350 bar
RUB2AP16	1"-11	114	350 bar
RUB2AP20	1"1/4-11	124	280 bar
RUB2AP24	1"1/2-11	132	220 bar

Note

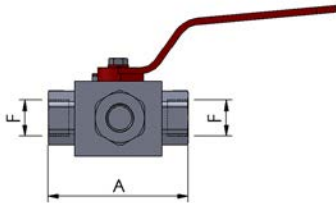
MATERIALE:
ACCIAO AL CARBONIO
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3

VALVES
VALVOLE - RUBINETTI

RUB3AP

BALL VALVE HIGH PRESSURE 3 WAYS
RUBINETTO A SFERA ALTA PRESSIONE 3 VIE

Thread -Filetto: BSP



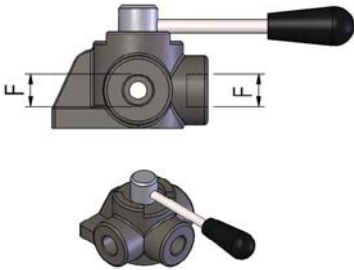
Notes

MATERIAL:
CARBON STEEL
SURFACE TREATMENT:
Cr3 GALVANIZATION
OPEN CENTER:
WHEN HAND LEVER IS IN THE MID POSITION
ALL PORTS ARE CONNECTED.

Note

MATERIALE:
ACCIAIO AL CARBONIO
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
CENTRO APERTO:
CON LA LEVA IN POSIZIONE CENTRALE LE
BOCCHE SONO TUTTE COLLEGATE.

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
		F	A
RUB3AP04	1/4-19	69	380 bar
RUB3AP06	3/8-19	73	380 bar
RUB3AP08	1/2-14	84	320 bar
RUB3AP12	3/4-14	97	300 bar
RUB3AP16	1"-11	112	280 bar
RUB3AP20	1"1/4-11	132	240 bar



VALVES
VALVOLE - RUBINETTI

DEV3

DIVERTER FLOW 3 WAYS
DEVIATORE ALTA PRESSIONE 3 VIE

Thread - Filetto: BSP

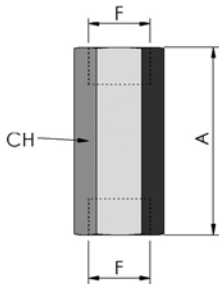
Notes

MATERIAL:
CAST IRON BODY, STEEL COMPONENTS
WITH THERMICAL TREATMENT
SURFACE TREATMENT:
NOT GALVANIZED
OPEN CENTER:
WHEN HAND LEVER IS IN THE MID POSITION
ALL PORTS ARE CONNECTED.

Code Article Codice Articolo	Thread Filetto	Max press.- Press. max
	F	
DEV306	3/8-19	315 bar
DEV308	1/2-14	280 bar
DEV312	3/4-14	250 bar
DEV316	1"-11	220 bar

Note

MATERIALE:
CORPO IN GHISA, COMPONENTI IN ACCIAIO
TRATTATI TERMICAMENTE
TRATTAMENTO SUPERFICIALE:
GREZZO
CENTRO APERTO:
CON LA LEVA IN POSIZIONE CENTRALE LE
BOCCHE SONO TUTTE COLLEGATE.



VALVES
VALVOLE - RUBINETTI

VNR

CHECK VALVE
VALVOLA UNIDIREZIONALE

Thread - Filetto: BSP

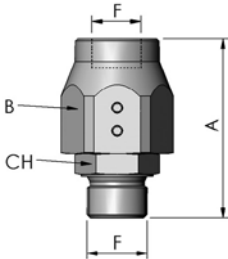
Notes

MATERIAL:
CARBON STEEL, COMPONENTS WITH
THERMICAL TREATMENT
SURFACE TREATMENT:
Cr3 GALVANIZATION

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni		
		F	CH	A
VNR04	1/4-19	19	58	400 bar
VNR06	3/8-19	24	62	400 bar
VNR08	1/2-14	30	71	350 bar
VNR12	3/4-14	36	83	300 bar
VNR16	1"-11	45	106	270 bar
VNR20	1"1/4-11	55	127	250 bar
VNR24	1"1/2-11	65	138	200 bar

Note

MATERIALE:
CORPO IN ACCIAIO COMPONENTI TRATTATI
TERMICAMENTE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3



VALVES
VALVOLE - RUBINETTI

GNT

SWIVEL JOINTS
GIUNTO GIREVOLE IN LINEA

Thread -Filetto: BSP

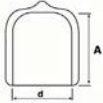
Notes

MATERIALS:
STEM IN HIGH GRADE CARBON STEEL,
INDUCTION HARDENED
BODY IN CARBONITRED CARBON STEEL
BALLS IN HIGH RESISTANCE 100 C6
SEALS NBR
SURFACE TREATMENT
Cr3 GALVANIZATION
TEMPERATURE RANGE (FLUID):
FROM -20°C TO +100°C

Note

MATERIALE:
PERNO IN ACCIAIO AD ALTO TENORE DI
CARBONIO, TEMPRATO AD INDUZIONE
CORPO IN ACCIAIO AL CARBONIO
CARBONITRURATO
SFERE AD ALTA RESISTENZA 100 C6,
GUARNIZIONI NBR
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
RANGE DELLE TEMPERATURE (FLUIDO):
DA -20°C A +100°C

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
GNT04	1/4-19	19	63	CH 30
GNT06	3/8-19	24	66	CH 34
GNT08	1/2-14	27	73	CH 36
GNT12	3/4-14	34	80	CH 45
GNT16	1"-11	41	90	ø 60
GNT20	1"1/4-11	50	98	ø 60
GNT24	1"1/2-11	55	107	ø 70
GNT32	2"-11	70	117	ø 80



PROTECTION CAPS
TAPPI DI PROTEZIONE

PMR

UNIVERSAL SOFT END CAP

TAPPO MORBIDO DI PROTEZIONE UNIVERSALE

Notes

COLOUR:
RED

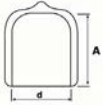
Columns E and R are referred respectively to the hexagon and the thread on which to mount the cap.

Note

COLORE:
ROSSO

Le colonne E ed R si riferiscono rispettivamente all'esagono ed al filetto su cui montare il tappo di protezione.

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)			
	A	d	E	R
PMR8.7X13	13	8.7	-	BSP 1/8
PMR10.3X13	13	10.3	-	UNF 7/16
PMR11.1X13	13	11.1	-	BSP 1/4-UNF 9/16-M14
PMR12.7X13	13	12.7	-	-
PMR13.8X13	13	13.8	-	-
PMR15.2X13	13	15.2	14	UNF 5/8-M16
PMR15.9X13	13	15.9	15	BSP3/8-UNF11/16; 3/4
PMR17.4X13	13	17.4	17	M18
PMR19.1X25	25	19.1	-	UNF 13/16-M20
PMR21.4X25	25	21.4	19	BSP 5/8-UNF 7/8-M22
PMR22.2X25	25	22.2	-	-
PMR23.8X25	25	23.8	22	UNS 1"-M24
PMR25.4X25	25	25.4	24	BSP3/4-UN1"1/16-M26
PMR26.3X25	25	26.3	-	-
PMR26.9X25	25	26.9	-	-
PMR28.6X25	25	28.6	27	M30
PMR30.2X25	25	30.2	28	-
PMR31.8X25	25	31.8	30	BSP 1"-UN 1"5/16
PMR34.9X25	25	34.9	32	M36
PMR38.1X25	25	38.1	36	-
PMR41.3X25	25	41.3	38	BSP1"1/4-UN1"5/8-M42
PMR44.5X25	25	44.5	41	M45
PMR47.6X38	38	47.6	-	BSP 1"1/2-UN 1"7/8



PROTECTION CAPS
TAPPI DI PROTEZIONE

PMR

UNIVERSAL SOFT END CAP
TAPPO MORBIDO DI PROTEZIONE UNIVERSALE

Notes

COLOUR:
RED

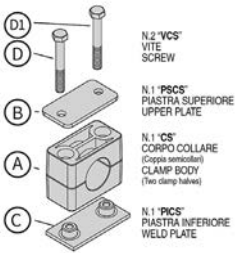
Columns E and R are referred respectively to the hexagon and the thread on which to mount the cap.

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)			
	A	d	E	R
PMR50.8X38	38	50.8	46	M52
PMR53.9X38	38	53.9	50	-
PMR57.2X38	38	57.2	-	BSP 2"
PMR60.3X38	38	60.3	55	-
PMR63.5X38	38	63.5	60	UN 2"1/2
PMR69.8X50	50	69.8	-	-

Note

COLORE:
ROSSO

Le colonne E ed R si riferiscono rispettivamente all'esagono ed al filetto su cui montare il tappo di protezione.



CLAMPS
COLLARI

CS

SINGLE CLAMP
COLLARE SINGOLO

Notes

CLAMP

MATERIAL:
POLYPROPYLENE
COLOUR:
BLUE

PLATES - SCREWS

MATERIAL:
FE360
SURFACE TREATMENT:
Cr3 GALVANIZATION
D1:
SOCKET CAP SCREW WITHOUT UPPER PLATE

Note

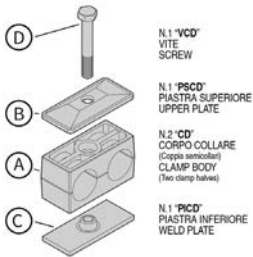
COLLARE
MATERIALE:
POLIPROPILENE
COLORE:
BLU

PIASTRE - VITI

MATERIALE:
FE360
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
D1:
VITE BRUGOLA SENZA PIASTRA SUPERIORE

Components codes
Codici Componenti

Out Ø tube	A	B	C	D	D1
8	CS08	PSCS2	PICS2	VCS630	VCSB622
10	CS10	PSCS2	PICS2	VCS630	VCSB622
12	CS12	PSCS2	PICS2	VCS630	VCSB622
14	CS14	PSCS3	PICS3	VCS635	VCSB628
15	CS15	PSCS3	PICS3	VCS635	VCSB628
16	CS16	PSCS3	PICS3	VCS628	VCSB628
18	CS18	PSCS3	PICS3	VCS635	VCSB628
20	CS20	PSCS4	PICS4	VCS640	VCSB630
22	CS22	PSCS4	PICS4	VCS640	VCSB630
23	CS23	PSCS4	PICS4	VCS640	VCSB630
25	CS25	PSCS4	PICS4	VCS640	VCSB630
28	CS28	PSCS5	PICS5	VCS645	VCSB640
30	CS30	PSCS5	PICS5	VCS645	VCSB640
32	CS32	PSCS5	PICS5	VCS645	VCSB640
35	CS35	PSCS6	PICS6	VCS660	VCSB650
38	CS38	PSCS6	PICS6	VCS660	VCSB650
40	CS40	PSCS6	PICS6	VCS660	VCSB650
42	CS42	PSCS6	PICS6	VCS660	VCSB650
45	CS45	PSCS6	PICS6	VCS670	VCSB650



CLAMPS
COLLARI

CD

DOUBLE CLAMP
COLLARE DOPPIO

Notes

CLAMP
MATERIAL:
POLYPROPYLENE
COLOUR:
BLUE

PLATES - SCREWS
MATERIAL:
FE360
SURFACE TREATMENT:
Cr3 GALVANIZATION

Note

COLLARE
MATERIALE:
POLIPROPILENE
COLORE:
BLU

PIASTRE - VITI
MATERIALE:
FE360
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3

Components codes
Codici Componenti

Out Ø tube	A	B	C	D
6	CD06	PSCD1	PICD1	VCD635
8	CD08	PSCD1	PICD1	VCD635
10	CD10	PSCD1	PICD1	VCD635
12	CD12	PSCD1	PICD1	VCD635
14	CD14	PSCD2	PICD2	VCD835
15	CD15	PSCD2	PICD2	VCD835
16	CD16	PSCD2	PICD2	VCD835
18	CD18	PSCD2	PICD2	VCD835
20	CD20	PSCD3	PICD3	VCD845
22	CD22	PSCD3	PICD3	VCD845
25	CD25	PSCD3	PICD3	VCD845
28	CD28	PSCD4	PICD4	VCD850
30	CD30	PSCD4	PICD4	VCD850
33	CD33	PSCD5	PICD5	VCD865
35	CD35	PSCD5	PICD5	VCD865
38	CD38	PSCD5	PICD5	VCD865
42	CD42	PSCD5	PSCD5	VCD865



PROTECTION FOR FLEXIBLE HOSES
 PROTEZIONI PER TUBO FLESSIBILE

SP

SPRING SAFE
 SPIRALE DI PROTEZIONE

Notes

MATERIALS:
 HIGH-DENSITY POLYETHYLENE RESISTANT
 TO BRASION AND U.V. RAYS
 TEMPERATURE RANGE:
 FROM -20°C TO +100°C

PRACTICAL, QUICK AND SIMPLE TO FIT THE
 SPRING SAFE IS SUITABLE FOR THE
 PROTECTION OR CONTAINMENT OF ONE OR
 MORE HOSES.

BOX QUANTITY:
 FROM SP0812 TO SP4450 50 METERS.
 FROM SP5663 TO SP8090 20 METERS.
 SP100110 12 METERS.

Note

MATERIALE:
 POLIETILENE AD ALTA DENSITÀ RESISTENTE
 ALL'ABRASIONE ED AI RAGGI U.V.
 RANGE DELLE TEMPERATURE:
 DA -20°C A +100°C

PRATICA RAPIDA E SEMPLICE NEL
 MONTAGGIO LA SPIRALE E' INDICATA PER LA
 PROTEZIONE O IL CONTENIMENTO DI UNO O
 PIÙ TUBI.

QUANTITA' PER SCATOLA:
 DALLA SP0812 ALLA SP4450 50 METRI.
 DALLA SP5663 ALLA SP8090 20 METRI.
 SP100110 12 METRI.

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)								
	Inside	Outside	Pitch	1SNK	2SNK	1SN	2SN	4SP	4SH
SP0812	8	12	15	-	-	-	-	-	-
SP1216	13	16	12	1/4-5/16	1/4	1/4-5/16	1/4	-	-
SP1620	17	20	16	3/8	5/16-3/8	3/8	5/16-3/8	-	-
SP2025	21	25	22	1/2-5/8	1/2-5/8	1/2-5/8	1/2-5/8	1/2	-
SP2732	27	32	22	3/4	3/4	3/4	3/4	5/8	3/4
SP3640	35	40	24	1"	1"	1"	1"	3/4 - 1"	1"
SP4450	45	50	30	-	-	1"1/4	1"1/4	-	1"1/4
SP5663	56	63	40	-	-	1"1/2	1"1/4	1"1/4	1"1/2
SP6775	69	75	35	-	-	2"	2"	2"	2"
SP8090	80	90	48	-	-	-	-	-	-
SP100110	100	110	55	-	-	-	-	-	-



PROTECTION FOR FLEXIBLE HOSES
 PROTEZIONI PER TUBO FLESSIBILE

GTN

TEXTILE PROTECTION
 GUAINA TESSILE DI PROTEZIONE

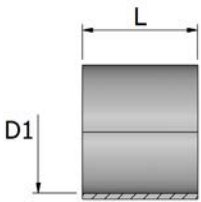
Notes

* PROTECTION'S WIDTH IN FLAT POSITION
 MATERIAL:
 HIGH TENACITY TEXTILE FIBER, RESISTANT
 TO ABRASION AND TO MECHANICAL
 SOLICITATIONS, COMPATIBLE WITH OILS
 AND ORGANIC PRODUCTS.
 TEMPERATURE RANGE : FROM -40°C TO
 +80°C
 THE PROTECTION IS INDICATED TO CONTAIN
 SINGLE AND MULTIPLE HOSES IN HARD
 ENVIRONMENT, PROTECTING FROM
 ABRASION AND ATMOSFERIC AGENTS.
 TO KEEP THE PROTECTION IN THE RIGHT
 POSITION IT CAN BE STOPPED USING OUR
 SLEEVE, CODE "BG".

Note

* LARGHEZZA GUAINA IN POSIZIONE PIATTA
 MATERIALE:
 FIBRA TESSILE AD ALTA TENACITÀ,
 RESISTENTE AD ABRASIONE E
 SOLLECITAZIONI MECCANICHE,
 COMPATIBILE CON OLII E PRODOTTI
 ORGANICI. RANGE DELLE TEMPERATURE : DA
 -40°C A +80°C
 LA PROTEZIONE E' INDICATA PER
 CONTENERE TUBI SINGOLI O MULTIPLI IN
 AMBIENTI DI LAVORO GRAVOSI,
 PROTEGGENDOLI DA ABRASIONE E DA
 AGENTI ATMOSFERICI.
 PER MANTENERE LA PROTEZIONE NELLA
 POSIZIONE CORRETTA ESSA PUO' ESSERE
 FERMATA CON LA BOCCOLA FERMA GUAINA,
 CODICE "BG".

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)						
	*Width	1SNK	2SNK	1SN	2SN	4SP	4SH
GTN35	35	1/4-5/16	1/4	1/4	1/4	-	-
GTN40	40	3/8	5/16-3/8	5/16-3/8	5/16-3/8	-	-
GTN45	45	-	-	1/2	-	-	-
GTN50	50	-	-	-	-	-	-
GTN55	55	1/2-5/8	1/2-5/8	5/8	1/2-5/8	1/2	-
GTN65	65	3/4	3/4	3/4	3/4	5/8-3/4	3/4
GTN80	80	1"	1"	1"	1"	1"	1"
GTN90	90	-	-	-	-	-	-
GTN100	100	-	-	1"1/4-1"1/2	1"1/4-1"1/2	1"1/4	1"1/4-1"1/2
GTN120	120	-	-	-	-	1"1/2	-
GTN150	150	-	-	2"	2"	2"	2"
GTN180	180	-	-	-	-	-	-



FERUULES FOR TEXTILE PROTECTION
BOCCOLE FERMA GUAINA

BG

SLEEVE FOR TEXTILE PROTECTION
BOCCOLA PER GUAINA TESSILE

Notes

MATERIAL:
STEEL
SURFACE TREATMENT:
Cr3 GALVANIZATION
THE FERRULE IS USED TO STOP THE TEXTILE PROTECTION (CODE "GTN") IN THE RIGHT POSITION AFTER THE ASSEMBLING ON THE FLEXIBLE HOSES. IT MUST BE CRIMPED IN CORRESPONDANCE OF THE FERRULE CRIMPED ON THE RUBBER HOSE IN ORDER TO STOP THE SLIDE OF THE PROTECTION.

Note

MATERIALE: ACCIAIO
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
LA BOCCOLA VIENE UTILIZZATA PER FERMARE LE ESTREMITA' DELLA GUAINA TESSILE, (CODE "GTN") NELLA CORRETTA POSIZIONE DOPO IL MONTAGGIO SUI TUBI FLESSIBILI.

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)							
	D1	L	1SNK	2SNK	1SN	2SN	4SP	4SH
BG03	19	30	1/4	-	-	-	-	-
BG04	22	30	5/16	1/4 - 5/16	1/4 - 5/16	1/4	-	-
BG06	27	30	3/8	3/8 - 1/2	3/8 - 1/2	5/16 - 3/8	-	-
BG0810	32	30	1/2 - 5/8	5/8	5/8	1/2	1/2	-
BG12	38	35	3/4	3/4	3/4	5/8 - 3/4	5/8 - 3/4	3/4
BG16	46	50	1"	1"	1"	1"	1"	1"

PROTECTION FOR FLEXIBLE HOSES
 PROTEZIONI PER TUBO FLESSIBILE

PIATT

METAL FLAT
 PIATTINA METALLICA



Notes

MATERIAL:
 ABRASION AND CRASHES RESISTANT STEEL
 SURFACE TREATMENT:
 Cr3 GALVANIZATION

ASSEMBLING BEFORE TO CRIMP FITTINGS.

Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)						
	Inside	1SNK	2SNK	1SN	2SN	4SP	4SH
PIATT04	18	1/4 - 5/16	1/4 - 5/16	1/4 - 5/16	1/4 - 5/16	-	-
PIATT06	21	3/8	3/8	3/8	3/8	-	-
PIATT08	25	1/2	1/2	1/2	1/2	-	-
PIATT10	29	5/8	5/8	5/8	5/8	1/2 - 5/8	-
PIATT12	33	3/4	3/4	3/4	3/4	-	-
PIATT16	41	1"	1"	1"	1"	3/4 - 1"	3/4 - 1"

Note

MATERIALE:
 ACCIAIO RESISTENTE AGLI URTI E
 ALL'ABRASIONE
 TRATTAMENTO SUPERFICIALE:
 ZINCATURA Cr3

MONTARE PRIMA DELLA FASE DI
 PRESSATURA DEI RACCORDI.

KIT GAUGES GO - NO GO
TAMPONI PASSA - NON PASSA

KITTPNP

KIT OF GAUGES GO - NO GO FROM 3/16 UP TO 2"
KIT TAMPONI PASSA - NON PASSA DA 3/16 FINO A 2"



Notes

WORK GAUGES

USE TO FIND AND CONTROL THE RIGHT CRIMPING DIAMETER.

SET UP GAUGES:

USE TO FIND THE RIGHT CRIMPING DIAMETER DURING THE SET UP OF THE MACHINE.
THE USE OF SET-UP GAUGES ALLOWS THE PLACEMENT OF THE MACHINE IN THE CENTER OF THE TOLERANCES TO OBTAIN THE RIGHT DEFORMATION.

Note

TAMPONI LAVORO

UTILIZZATI PER INDIVIDUARE E CONTROLLARE IL DIAMETRO DI PRESSATURA CORRETTO.

TAMPONI SET UP:

UTILIZZATI PER INDIVIDUARE IL DIAMETRO DI PRESSATURA DURANTE IL PIAZZAMENTO MACCHINA.

L'UTILIZZO DEI TAMPONI SET-UP CONSENTE UN PIAZZAMENTO MACCHINA AL CENTRO DELLE TOLLERANZE DELLE DEFORMAZIONI DA OTTENERE.

Hose Tubo		Work Gauge Tamponi Lavoro			Set-up Gauge Tamponi Set-up		
Inch/Pollici	DN (mm)	Code	Go (mm)	No Go (mm)	Code	Go (mm)	No Go (mm)
3/16	5	TPNPL03	2,55	2,85	TPNPS03	2,60	2,80
1/4	6	TPNPL04	3,40	3,80	TPNPS04	3,50	3,70
5/16	8	TPNPL05	4,80	5,20	TPNPS05	4,90	5,10
3/8	10	TPNPL06	6,30	6,70	TPNPS06	6,40	6,60
1/2	12	TPNPL08	8,50	9,00	TPNPS08	8,60	8,90
5/8	16	TPNPL10	11,00	11,50	TPNPS10	11,10	11,40
3/4	19	TPNPL12	14,00	14,50	TPNPS12	14,10	14,40
1"	25	TPNPL16	18,40	19,10	TPNPS16	18,60	18,90
1"1/4	32	TPNPL20	24,30	25,00	TPNPS20	24,50	24,80
1"1/2	38	TPNPL24	29,80	30,80	TPNPS24	30,10	30,50
2"	51	TPNPL32	41,80	42,80	TPNPS32	42,10	42,50

ATTENTION:

WHEN DETERMINATED THE CRIMPING DIAMETER WHICH RESPECTS THE SET UP GAUGES IT IS POSSIBLE TO PROCEED WITH THE PRODUCTION USING THE WORK GAUGES.

THE COMPLETE SETS OF GAUGES FROM 3/16 UP TO 2" ORGANIZED IN APPROPRIATE CASES ARE AVAILABLE IN THREE WAYS:

CODE "KITTPNPL" KIT OF GAUGES SERIES WORK 3/16 - 2"

CODE "KITTPNPS" KIT OF GAUGES SERIES SET-UP 3/16 - 2"

CODE "KITTPNPSL" KIT OF GAUGES SERIES SET-UP 3/16 - 2" + SERIES WORK 3/16 - 2"

ATTENZIONE:

UNA VOLTA RAGGIUNTO IL DIAMETRO DI PRESSATURA UTILIZZANDO I TAMPONI SET UP, SI PUO' PROCEDERE ALLA PRODUZIONE DI SERIE UTILIZZANDO I TAMPONI LAVORO.

I SET TAMPONI DAL 3/16 AL 2" ORGANIZZATI IN APPOSITE VALIGETTE SONO DISPONIBILI IN TRE MODI:

CODE "KITTPNPL" KIT OF GAUGES SERIE LAVORO 3/16 - 2"

CODE "KITTPNPS" KIT OF GAUGES SERIE SET-UP 3/16 - 2"

CODE "KITTPNPSL" KIT OF GAUGES SERIE SET-UP 3/16 - 2" + SERIE LAVORO 3/16 - 2"



HOSSES

HYDRAULIC HOSES TUBI IDRAULICI 4



PREMIUM is a range of high technology products made from high quality rubber compounds.

The connections **DRY-FIT** and **DRY-LOCK** combined with **PREMIUM** hoses allow you to create a highly efficient assembled hose. The assembled hoses of the FB Hydraulic guarantee reliability, security and versatility.

PREMIUM è una gamma di prodotti ad alta tecnologia realizzata con mescole di elevata qualità.

Le connessioni **DRY-FIT** e **DRY-LOCK** unitamente alle condotte **PREMIUM** permettono di realizzare una raccordatura altamente performante. I tubi raccordati FB Hydraulic garantiscono un'elevata qualità, sicurezza e versatilità di utilizzo.

TUBOFO



386

PREMIUM HOSE 1 WIRE BRAID COMPACT
1SNK
TUBO PREMIUM 1 TRECCIA COMPATTO
1SNK

TUBOMA



387

PREMIUM HOSE 2 WIRE BRAIDS COMPACT
2SNK
TUBO PREMIUM 2 TRECCIE COMPATTO
2SNK

TUBO1T



388

HOSE 1 WIRE BRAID 1SN
TUBO 1 TRECCIA 1SN

TUBO2T



389

HOSE 2 WIRE BRAIDS 2SN
TUBO 2 TRECCIE 2SN

TUBOBI



390

TUBO 3 WIRE BRAIDS SPC3
TUBO 3 TRECCIE SPC3

TUBOE1



391

HOSE 1 WIRE BRAID FOR VERY HIGH
TEMPERATURE
TUBO 1 TRECCIA PER TEMPERATURE
ELEVATE

TUBOA2



392

HOSE 2 WIRE BRAIDS COMPACT
ANTIABRASION 2SC SCHIELD
TUBO 2 TRECCIE COMPATTO
ANTIABRASIONE 2SC SCHIELD

TUBOSP



393

HOSE 4 SPIRALS 4SP
TUBO 4 SPIRALI 4SP

TUBOSH



394

HOSE 4 SPIRALS 4SH
TUBO 4 SPIRALI 4SH

TUBO13



395

HOSE 4 - 6 SPIRALS R13
TUBO 4 - 6 SPIRALI R13

TUBO15



396

HOSE 4 - 6 SPIRALS R15
TUBO 4 - 6 SPIRALI R15

TUBO5S



397

THERMOPLASTIC HOSE 1 WIRE FIBER BRAID
TUBO TERMOPLASTICO 1 TRECCIA TESSILE

TUBOR7



398

THERMOPLASTIC HOSE 2
WIRE FIBER BRAIDS R7
TUBO TERMOPLASTICO 2 TRECCIE
TESSILI R7

TUBO7B



399

THERMOPLASTIC HOSE 2 WIRE
FIBER BRAIDS TWIN R7
TUBO TERMOPLASTICO 2 TRECCIE
TESSILI BINATO R7

TUBOR8



400

THERMOPLASTIC HOSE 2 WIRE
FIBER BRAIDS R8
TUBO TERMOPLASTICO 2 TRECCIE
TESSILI R8

TUBO8B



401

THERMOPLASTIC HOSE 2 WIRE
FIBER BRAIDS TWIN R8
TUBO TERMOPLASTICO 2 TRECCIE
TESSILI BINATO R8

TUBO7T



402

THERMOPLASTIC HOSE 1 WIRE STEEL BRAID
TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO

TUBOBT



403

THERMOPLASTIC HOSE 1 WIRE STEEL
BRAID TWIN
TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO
BINATO

TUBOR6



404

HOSE 1 WIRE FIBER BRAID R6
TUBO 1 TRECCIA TESSILE R6

TUBOAN



405

HOSE 1 WIRE FIBER BRAID FOR
HYDROCARBONS
TUBO 1 TRECCIA TESSILE PER
IDROCARBURI

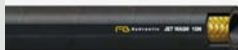
SPR4



406

SUCTION HOSE 1 WIRE FIBER BRAID
AND 1 STEEL SPIRAL R4
TUBO ASPIRAZIONE 1 TRECCIA TESSILE
E 1 SPIRALE IN ACCIAIO R4

TUBO1H



407

HOSE 1 WIRE BRAID JET WASH 1SN
TUBO 1 TRECCIA IDROPULTRICE 1SN

TUBO2H



408

HOSE 2 WIRE BRAIDS JET WASH 2SN
TUBO 2 TRECCIE IDROPULTRICE 2SN

TUBO1M



409

HOSE 1 WIRE BRAID JET WASH BLUE 1SN
TUBO 1 TRECCIA IDROPULTRICE BLU 1SN

TUBO2M



410

HOSE 2 WIRE BRAIDS JET WASH BLUE 2SN
TUBO 2 TRECCIE IDROPULTRICE BLU 2SN

TFZ



411

STEEL PIPE ST37.4 WITHOUT WELDING,
GALVANIZED
TUBO IN ACCIAIO ST37.4 SENZA SALDATURE
ZINCATO

TF



413

STEEL PIPE ST37.4 WITHOUT WELDING, NOT
GALVANIZED
TUBO IN ACCIAIO ST37.4 SENZA SALDATURE
NON ZINCATO

index

4

386

413

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
 TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBOFO

PREMIUM HOSE 1 WIRE BRAID COMPACT 1SNK
 TUBO PREMIUM 1 TRECCIA COMPATTO 1SNK

Norme - Norma: 1SNK EXCEEDS EN 857 1SC - SAE 100 R17



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 ONE BRAID OF HIGH TENSILE STEEL WIRE
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40 °C TO 100 °C

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO04FO	1/4	6	10,1	12	290	4205	1160	40	0,17	BUK04
TUBO05FO	5/16	8	11,4	13,6	250	3625	1000	55	0,21	BUK05
TUBO06FO	3/8	10	13,6	15,9	230	3335	920	65	0,26	BUK06
TUBO08FO	1/2	12	16,9	19,2	200	2900	800	80	0,34	BUK08
TUBO10FO	5/8	16	20,3	22,3	150	2175	600	105	0,39	BUK10
TUBO12FO	3/4	19	23,9	26,1	125	1815	500	120	0,50	BUK12
TUBO16FO	1"	25	31	33,1	110	1595	440	160	0,74	BUK16
TUBO20FO	1"1/4	31	40,2	43,7	100	1450	400	300	1,28	BUN20

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
 ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
 TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBOMA

PREMIUM HOSE 2 WIRE BRAIDS COMPACT 2SNK
 TUBO PREMIUM 2 TRECCE COMPATTO 2SNK

Norme - Norma: 2SNK EXCEEDS EN 857 2SC - SAE 100 R16-S



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 TWO BRAIDS OF HIGH TENSILE STEEL WIRE
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40 °C TO 100 °C

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO04MA	1/4	6	11,4	13,4	450	6525	1800	45	0,27	BUK04
TUBO05MA	5/16	8	13	15	420	6090	1680	60	0,31	BUK05
TUBO06MA	3/8	10	14,9	17	385	5585	1540	70	0,39	BUK06
TUBO08MA	1/2	12	18,7	20,7	345	5000	1380	90	0,52	BUK08
TUBO10MA	5/8	16	21,6	23,6	290	4205	1160	130	0,61	BUK10
TUBO12MA	3/4	19	25,7	27,7	280	4060	1120	160	0,79	BUK12
TUBO16MA	1"	25	32,9	35,6	200	2900	800	210	1,15	BUK16
TUBO20MA	1"1/4	31	40,5	43,5	175	2540	70	30	1,57	BUN20

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 DUE TRECCE DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
 ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
 TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBO1T

HOSE 1 WIRE BRAID 1SN
 TUBO 1 TRECCIA 1SN

Norme - Norma: EN 853 1SN - SAE 100 R 1S



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 ONE BRAID OF HIGH TENSILE STEEL WIRE
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 100°C

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO041T	1/4	6	10,9	13	225	3265	900	100	0,19	BUN04
TUBO051T	5/16	8	12,5	14,7	215	3120	860	115	0,22	BUN05
TUBO061T	3/8	10	14,8	16,8	180	2610	720	125	0,28	BUN06
TUBO081T	1/2	12	17,9	20	160	2320	640	180	0,36	BUN08
TUBO101T	5/8	16	21	23,2	130	1885	520	200	0,44	BUN10
TUBO121T	3/4	19	25	27,1	105	1525	420	240	0,56	BUN12
TUBO161T	1"	25	32,9	35,1	88	1275	352	300	0,88	BUN16
TUBO201T	1"1/4	31	39,9	42,5	63	915	252	420	1,07	BUN20
TUBO241T	1"1/2	38	46,5	50,1	50	725	200	500	1,42	BUN24
TUBO321T	2"	51	59,9	64,1	40	580	160	630	2,01	BUN32

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E
 AGLI AGENTI ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
 TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBO2T

HOSE 2 WIRE BRAIDS 2SN
 TUBO 2 TRECCE 2SN

Norme - Norma: EN 853 2SN - SAE 100 R 2S



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 TWO BRAIDS OF HIGH TENSILE STEEL WIRE
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 100°C

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO042T	1/4	6	12,4	14,4	400	5800	1600	100	0,31	BUN04
TUBO052T	5/16	8	14	16	350	5075	1400	115	0,37	BUN05
TUBO062T	3/8	10	16,4	18,4	330	4785	1320	125	0,44	BUN06
TUBO082T	1/2	12	19,4	21,4	275	4000	1100	180	0,53	BUN08
TUBO102T	5/8	16	22,6	24,6	250	3625	1000	200	0,66	BUN10
TUBO122T	3/4	19	26,6	28,6	215	3117	850	240	0,84	BUN12
TUBO162T	1"	25	34,5	37,1	165	2395	660	300	1,23	BUN16
TUBO202T	1"1/4	31	43,9	46,7	125	1815	500	420	1,77	BUN20
TUBO242T	1"1/2	38	51,1	54,5	90	1305	360	500	2,17	BUN24
TUBO322T	2"	51	62,9	66,7	80	1160	320	630	2,79	BUN32

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 DUE TRECCE DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
 ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
 TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBOBI

HOSE 3 WIRE BRAIDS SPC3
 TUBO 3 TRECCIE SPC3

Norme - *Norma*: PRESSURE VALUES RESISTANCE ACCORDING TO DIN EN 856 4SP



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 THREE BRAIDS OF HIGH TENSILE STEEL
 WIRE
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 100°C

Code Article Codice Articolato	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO06BI	3/8	10	16,8	20,9	500	7250	2000	120	0,66	B4P06
TUBO08BI	1/2	12	20,6	24,1	470	6820	1880	160	0,89	B4P08
TUBO10BI	5/8	16	24	27,8	410	5950	1640	210	1,1	B4P10
TUBO12BI	3/4	19	28,1	31,1	375	5440	1500	260	1,33	B4P12
TUBO16BI	1"	25	36,2	38,8	310	4500	1240	310	1,87	B4P16

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 TRE TRECCIE DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
 ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
 TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBOE1

HOSE 1 WIRE BRAID 1SN FOR VERY HIGH TEMPERATURE
 TUBO 1 TRECCIA 1SN PER TEMPERATURE ELEVATE

Norme - Norma: ECCEDE / EXCEEDS DIN EN 853 1SN



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HOT HYDRAULIC FLUID
 REINFORCEMENT:
 ONE BRAID OF HIGH TENSILE STEEL WIRE
 COVER:
 HEAT, ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER, MSHA APPROVED
 SUGGESTED FLUIDS:
 OIL, HYDRAULIC FLUIDS, MINERAL AND
 SYNTHETIC, OILS, GLYCOLS, POLYGLYCOLS
 AND AQUEOUS OIL EMULSIONS (UP TO
 100°C)
 TEMPERATURE RANGE (FLUID):
 FROM -40 °C TO 135 °C; UP TO 150 °C PEAK
 TEMPERATURES

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLI
 RINFORZO:
 UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE ALLE ALTE
 TEMPERATURE, ALL'ABRASIONE,
 ALL'OZONO E AGLI AGENTI ATMOSFERICI, DI
 COLORE NERO, OMOLOGATO MSHA
 FLUIDI CONSIGLIATI:
 OLI SINTETICI E MINERALI, GLICOLI E
 POLIGLICOLI, EMULSIONI DI OLIO IN ACQUA
 (FINO +100°C)
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +135°C TEMPERATURA
 COSTANTE; TEMPERATURA DI PUNTA: FINO
 A +150°C

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO04E1	1/4	6	11,1	13,5	225	3265	900	100	0,23	BUN04
TUBO05E1	5/16	8	12,7	15,1	215	3120	860	115	0,27	BUN05
TUBO06E1	3/8	10	15,1	17,5	180	2610	720	125	0,36	BUN06
TUBO08E1	1/2	12	18,3	20,6	160	2320	640	180	0,44	BUN08
TUBO10E1	5/8	16	21,4	23,5	130	1885	520	200	0,50	BUN10
TUBO12E1	3/4	19	25,4	27,8	105	1525	420	240	0,66	BUN12
TUBO16E1	1"	25	33,3	35,6	88	1275	352	300	0,93	BUN16
TUBO20E1	1"1/4	31	40,3	42,2	63	915	252	420	1,14	BUN20
TUBO24E1	1"1/2	38	47,3	51,3	50	725	200	500	1,8	BUN24
TUBO32E1	2"	51	60,5	63,3	40	580	160	630	2,01	BUN32

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
 TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBO A2

HOSE 2 WIRE BRAIDS COMPACT ANTIABRASION 2SC "SCHIELD"
 TUBO 2 TRECCIE COMPATTO ANTIABRASIONE 2SC "SCHIELD"

Norme - Norma: DIN EN 857 2SC



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 TWO BRAIDS OF HIGH TENSILE STEEL WIRE
 COVER:
 DOUBLE LAYER CONSTRUCTION, RUBBER
 COVER WITH UHMPE FOIL, MSHA APPROVED.
 OUTSTANDING ABRASION AND OZONE
 RESISTANCE
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 100°C

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO05A2	5/16	8	12,6	14,6	350	5075	1400	85	0,30	BUK05
TUBO06A2	3/8	10	14,7	16,6	330	1785	1320	90	0,37	BUK06
TUBO08A2	1/2	12	18	20	275	3990	1100	130	0,45	BUK08
TUBO10A2	5/8	16	21,9	23,9	250	3625	1000	170	0,61	BUK10
TUBO12A2	3/4	19	25,5	27,6	215	3120	860	200	0,76	BUK12
TUBO16A2	1"	25	32,9	35,6	165	2395	660	250	1,15	BUK16

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLI
 RINFORZO:
 DUE TRECCIE DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 STRUTTURA A DOPPIO STRATO, COPERTURA
 DI GOMMA CON SOTTOSTRATO UHMPE,
 OMOLOGATO MSHA
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

SPIRAL HOSES FOR VERY HIGH PRESSURE
 TUBI SPIRALATI PRESSIONI ELEVATE

TUBOSP

HOSE 4 SPIRALS 4SP
 TUBO 4 SPIRALI 4SP

Norme - Norma: DIN EN 856 4SP - SAE 100 R9R



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 FOUR HIGH TENSILE STEEL WIRE SPIRAL
 LAYERS
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER MSHA APPROVED
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 100°C

Code Article Codice Articolato	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO06SP	3/8	10	17,4	21,1	445	6455	1780	180	0,70	B4P06
TUBO08SP	1/2	12	20,6	24,2	425	6165	1700	230	0,85	B4P08
TUBO10SP	5/8	16	24,2	27,9	350	5075	1560	250	1,04	B4P10
TUBO12SP	3/4	19	27,9	32	350	5075	1540	300	1,32	B4P12
TUBO16SP	1"	25	35,1	38,9	320	4640	1280	340	2,06	B4P16
TUBO20SP	1"1/4	31	45,9	50,5	210	3045	960	460	3,14	B4P20
TUBO24SP	1"1/2	38	52,1	56,8	185	2685	840	560	3,61	B4P24
TUBO32SP	2"	51	65,4	70,2	165	2395	660	660	5,13	B4P32

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 QUATTRO SPIRALI DI ACCIAIO AD ALTA
 TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
 ATMOSFERICI; OMOLOGATO MSHA
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

SPIRAL HOSES FOR VERY HIGH PRESSURE
 TUBI SPIRALATI PRESSIONI ELEVATE

TUBOSH

HOSE 4 SPIRALS 4SH
 TUBO 4 SPIRALI 4SH

Norme - Norma: DIN EN 856 4SH



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 FOUR HIGH TENSILE STEEL WIRE SPIRAL
 LAYERS
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER MSHA APPROVED
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 100°C

THE PREMIUM TYPE IS ONLY FOR
 DIMENSIONS 3/4 - 1" - 1" 1/4
 THE DIMENSIONS 1" 1/2 - 2" FOLLOW THE
 STANDARD DIN EN 856 4SH

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 QUATTRO SPIRALI DI ACCIAIO AD ALTA
 TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'146; OZONO E AGLI
 AGENTI ATMOSFERICI; OMOLOGATO MSHA
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C

LA TIPOLOGIA PREMIUM SI RIFERISCE ALLE
 DIMENSIONI 3/4 - 1" - 1" 1/4
 LE DIMENSIONI 1" 1/2 - 2" SI RIFERISCONO
 ALLO STANDARD DIN EN 856 4SH

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO12SH	3/4	19	28,3	31,9	430	6235	1720	210	1,43	B4P12-B4I12
TUBO16SH	1"	25	35,4	38,7	400	5800	1600	220	2,08	B4P16-B4I16
TUBO20SH	1" 1/4	31	42,3	45,2	360	5220	1440	240	2,58	B4H20-B4I20
TUBO24SH	1" 1/2	38	49,2	53,4	290	4200	1160	560	3,3	B4H24-B4I24
TUBO32SH	2"	51	63,2	67,3	250	3625	1000	700	4,94	B4H32-B4I32

SPIRAL HOSES FOR VERY HIGH PRESSURE
 TUBI SPIRALATI PRESSIONI ELEVATE

TUBO13

HOSE 4 - 6 SPIRALS R13
 TUBO 4 - 6 SPIRALI R13

Norme - Norma: SAE 100 R13



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 FOUR SPIRAL LAYERS DN 19 - DN 25; SIX
 SPIRAL LAYERS DN 32 - DN 51 OF HIGH
 TENSILE STEEL WIRE
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER MSHA APPROVED.
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 120°C

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 QUATTRO SPIRALI DN 19 - DN 25; SEI SPIRALI
 DN 32 - DN 51 DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
 ATMOSFERICI; OMOLOGATO MSHA
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +120°C

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO1213	3/4	19	28,6	32,3	350	5075	1400	240	1,57	B4I12
TUBO1613	1"	25	35,5	38,7	350	5075	1400	300	1,92	B4I16
TUBO2013	1"1/4	31	46,8	49,8	350	5075	1400	420	3,60	B1321
TUBO2413	1"1/2	38	54,3	57,3	350	5075	1400	500	4,8	B1324
TUBO3213	2"	51	68,1	71,1	350	5075	1400	630	6,6	B1332

SPIRAL HOSES FOR VERY HIGH PRESSURE
 TUBI SPIRALATI PRESSIONI ELEVATE

TUBO15

HOSE 4 - 6 SPIRALS R15
 TUBO 4 - 6 SPIRALI R15

Norme - Norma: SAE 100 R15



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 FOUR SPIRAL LAYERS DN 19 - DN 25; SIX
 SPIRAL LAYERS DN 32 - DN 38 OF HIGH
 TENSILE STEEL WIRE
 COVER:
 ABRASION AND OZONE RESISTANT
 SYNTHETIC RUBBER MSHA APPROVED.
 TEMPERATURE RANGE (FLUID):
 FROM -40 °C TO 120°C

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 QUATTRO SPIRALI DN 19 - DN 25; SEI SPIRALI
 DN 32 - DN 38 DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
 ATMOSFERICI; OMOLOGATO MSHA
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +120°C

Code Article Codice Articolato	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO1215	3/4	19	28,3	31,9	420	6090	1680	265	1,43	B4I12
TUBO1615	1'	25	35,4	38,7	420	6090	1680	330	2,16	B4I16
TUBO2015	1' 1/4	31	48	51,3	420	6090	1680	445	2,96	B1320
TUBO2415	1' 1/2	38	56,3	59,6	420	6090	1680	530	5,1	B1324

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBOL5

THERMOPLASTIC HOSE 1 WIRE FIBER BRAID
TUBO TERMOPLASTICO 1 TRECCIA TESSILE



Notes

TUBE:
THERMOPLASTIC POLYESTER
REINFORCEMENT:
ONE POLYESTER FIBER BRAID
COVER:
ANTIABRASION POLYURETHANE, STABILIZED
TO UV RAYS AND RESISTANT TO
MICROORGANISMS
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C. MAX WORKING
TEMPERATURE OF AIR, WATER AND FLUIDS
CONTAINING WATER: + 70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO03L5	3/16	5	9,2	200	2900	800	30	0,06	B1C03
TUBO04L5	1/4	6	10,8	145	2103	580	45	0,07	B1C04
TUBO05L5	5/16	8	13	120	1740	480	50	0,09	B1C05
TUBO06L5	3/8	10	14,8	115	1668	460	55	0,11	B1C06
TUBO08L5	1/2	12	18,7	80	1160	320	90	0,17	B1C08

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
UNA TRECCIA IN FIBRA DI POLIESTERE
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICROORGANISMI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C. PER ARIA, ACQUA E
FLUIDI A BASE ACQUOSA LA TEMPERATURA
MASSIMA DI ESERCIZIO È +70°C

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBOR7

THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS R7
TUBO TERMOPLASTICO 2 TRECCE TESSILI R7

Norme - Norma: DIN EN 855 - SAE 100 R7



Notes

TUBE:
THERMOPLASTIC POLYESTER
REINFORCEMENT:
POLYESTER FIBER
COVER:
ANTIABRASION POLYURETHANE, STABILIZED
TO UV RAYS AND RESISTANT TO
MICROORGANISMS
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C. MAX WORKING
TEMPERATURE OF AIR, WATER AND FLUIDS
CONTAINING WATER: + 70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO03R7	3/16	5	10	210	3045	840	30	0,07	B1C03
TUBO04R7	1/4	6	11,8	200	2900	800	35	0,09	B1C04
TUBO05R7	5/16	8	14,3	190	2755	760	45	0,13	B1C05
TUBO06R7	3/8	10	16	175	2537	700	55	0,16	B1C06
TUBO08R7	1/2	12	20,3	140	2030	560	75	0,22	B1C08
TUBO10R7	5/8	16	23,5	105	1522	420	120	0,28	B1C10
TUBO12R7	3/4	19	26,5	90	1305	360	145	0,33	B1C12
TUBO16R7	1"	25	32,5	70	1015	280	200	0,4	B1C16

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
FIBRA DI POLIESTERE
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICROORGANISMI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C. PER ARIA, ACQUA E
FLUIDI A BASE ACQUOSA LA TEMPERATURA
MASSIMA DI ESERCIZIO È + 70°C

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBO7B

THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS TWIN R7
TUBO TERMOPLASTICO 2 TRECCE TESSILI BINATO R7

Norme - Norma: DIN EN 855 - SAE 100 R7



Notes

TUBE:
THERMOPLASTIC POLYESTER
REINFORCEMENT:
POLYESTER FIBER
COVER:
ANTIABRASION POLYURETHANE, STABILIZED
TO UV RAYS AND RESISTANT TO
MICROORGANISMS
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C. MAX WORKING
TEMPERATURE OF AIR, WATER AND FLUIDS
CONTAINING WATER: + 70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO037B	3/16	5	10	210	3045	840	30	0,07	B1C03
TUBO047B	1/4	6	11,8	200	2900	800	35	0,09	B1C04
TUBO057B	5/16	8	14,3	190	2755	760	45	0,13	B1C05
TUBO067B	3/8	10	16	175	2537	700	55	0,16	B1C06
TUBO087B	1/2	12	20,3	140	2030	560	75	0,22	B1C08
TUBO107B	5/8	16	23,5	105	1522	420	120	0,28	B1C10
TUBO127B	3/4	19	26,5	90	1305	360	145	0,33	B1C12
TUBO167B	1"	25	32,5	70	1015	280	200	0,4	B1C16

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
FIBRA DI POLIESTERE
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICROORGANISMI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C. PER ARIA, ACQUA E
FLUIDI A BASE ACQUOSA LA TEMPERATURA
MASSIMA DI ESERCIZIO È +70°C

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBOR8

THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS R8
TUBO TERMOPLASTICO 2 TRECCE TESSILI R8

Norme - Norma: SAE 100 R8



Notes

TUBE:
THERMOPLASTIC POLYESTER
REINFORCEMENT:
HIGH TENACITY TEXTILE FIBERS
COVER:
ANTIABRASION POLYURETHANE, STABILIZED
TO UV RAYS AND RESISTANT TO
MICROORGANISMS
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C. MAX WORKING
TEMPERATURE OF AIR, WATER AND FLUIDS
CONTAINING WATER: + 70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO03R8	3/16	5	10	350	5075	1400	35	0,07	B1C03
TUBO04R8	1/4	6	11,8	350	5075	1400	50	0,09	B1C04
TUBO05R8	5/16	8	14,3	325	4712	1300	60	0,13	B1C05
TUBO06R8	3/8	10	16	280	4060	1120	70	0,15	B1C06
TUBO08R8	1/2	12	20,3	245	3552	980	95	0,23	B1C08
TUBO10R8	5/8	16	23,5	195	2827	780	125	0,27	B1C10
TUBO12R8	3/4	19	26,5	162	2392	660	150	0,35	B1C12
TUBO16R8	1"	25	34,7	145	2100	580	200	0,5	B1C16

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
FIBRE TESSILI AD ALTA TENACITÀ
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICROORGANISMI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C. PER ARIA, ACQUA E
FLUIDI A BASE ACQUOSA LA TEMPERATURA
MASSIMA DI ESERCIZIO È +70°C

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBO8B

THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS TWIN R8
TUBO TERMOPLASTICO 2 TRECCE TESSILI BINATO R8

Norme - Norma: SAE 100 R8



Notes

TUBE:
THERMOPLASTIC POLYESTER
REINFORCEMENT:
HIGH TENACITY TEXTILE FIBERS
COVER:
ANTIABRASION POLYURETHANE, STABILIZED
TO UV RAYS AND RESISTANT TO
MICROORGANISMS
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C. MAX WORKING
TEMPERATURE OF AIR, WATER AND FLUIDS
CONTAINING WATER: + 70°C

Note

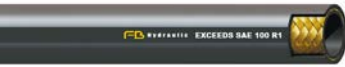
SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
FIBRE TESSILI AD ALTA TENACITÀ
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICROORGANISMI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C. PER ARIA, ACQUA E
FLUIDI A BASE ACQUOSA LA TEMPERATURA
MASSIMA DI ESERCIZIO È +70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO038B	3/16	5	10	350	5075	1400	35	0,07	B1C03
TUBO048B	1/4	6	11,8	350	5075	1400	50	0,09	B1C04
TUBO058B	5/16	8	14,3	325	4712	1300	60	0,13	B1C05
TUBO068B	3/8	10	16	280	4060	1120	70	0,15	B1C06
TUBO088B	1/2	12	20,3	245	3552	980	95	0,23	B1C08
TUBO108B	5/8	16	23,5	195	2827	780	125	0,27	B1C10
TUBO128B	3/4	19	26,5	162	2392	660	150	0,35	B1C12
TUBO168B	1"	25	34,7	145	2100	580	200	0,5	B1C16

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBO7T

THERMOPLASTIC HOSE 1 WIRE STEEL BRAID MTH1
TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO MTH1



Notes

TUBE:
THERMOPLASTIC POLYESTER
REINFORCEMENT:
ONE BRAID OF HIGH TENSILE STEEL WIRE
COVER:
ANTIABRASION POLYURETHANE, STABILIZED
TO UV RAYS AND RESISTANT TO
MICROORGANISMS
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C. MAX WORKING
TEMPERATURE OF AIR, WATER AND FLUIDS
CONTAINING WATER: + 70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO037T	3/16	5	10	325	4710	1300	30	0,13	B1C03
TUBO047T	1/4	6	11,9	300	4350	1200	40	0,17	B1C04
TUBO057T	5/16	8	14	240	3480	690	50	0,22	B1C05
TUBO067T	3/8	10	16	225	3262	900	60	0,26	B1C06
TUBO087T	1/2	12	19,2	190	2755	760	75	0,33	B1C08
TUBO107T	5/8	16	23,3	150	2175	600	110	0,41	B1C10
TUBO127T	3/4	19	26,5	130	1885	520	150	0,45	BUK12
TUBO167T	1"	25	32,5	105	1520	420	185	0,59	BUK16

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICROORGANISMI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C. PER ARIA, ACQUA E
FLUIDI A BASE ACQUOSA LA TEMPERATURA
MASSIMA DI ESERCIZIO È +70°C

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBOBT

THERMOPLASTIC HOSE 1 WIRE STEEL BRAID MTH1 TWIN
TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO MTH1 BINATO



Notes

TUBE:
THERMOPLASTIC POLYESTER
REINFORCEMENT:
ONE BRAID OF HIGH TENSILE STEEL WIRE
COVER:
ANTIABRASION POLYURETHANE, STABILIZED
TO UV RAYS AND RESISTANT TO
MICROORGANISMS
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C. MAX WORKING
TEMPERATURE OF AIR, WATER AND FLUIDS
CONTAINING WATER: + 70°C

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICROORGANISMI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C. PER ARIA, ACQUA E
FLUIDI A BASE ACQUOSA LA TEMPERATURA
MASSIMA DI ESERCIZIO È +70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO03BT	3/16	5	10	325	4710	1300	30	0,13	B1C03
TUBO04BT	1/4	6	11,9	300	4350	1200	40	0,17	B1C04
TUBO05BT	5/16	8	14	240	3480	690	50	0,22	B1C05
TUBO06BT	3/8	10	16	225	3262	900	60	0,26	B1C06
TUBO08BT	1/2	12	19,2	190	2755	760	75	0,33	B1C08
TUBO10BT	5/8	16	23,3	150	2175	600	110	0,41	B1C10
TUBO12BT	3/4	19	26,5	130	1885	520	150	0,45	BUK12
TUBO16BT	1"	25	32,5	105	1520	420	185	0,59	BUK16

LOW PRESSURE HOSES
TUBI BASSA PRESSIONE

TUBOR6

HOSE 1 WIRE FIBER BRAID R6
TUBO 1 TRECCIA TESSILE R6

Norme - Norma: DIN EN 854 - SAE 100 R6



Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT TO
HYDRAULIC FLUIDS, MINERAL OILS AND
HYDROCARBONS
REINFORCEMENT:
HIGH TENACITY TEXTILE FIBERS
COVER:
ABRASION AND OZONE RESISTANT
SYNTHETIC RUBBER
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C.

Code Article Codice Articolo	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO03R6	3/16	5	-	10,7	34	493	136	50	0,1	B1C03
TUBO04R6	1/4	6	-	12,3	28	406	112	65	0,11	B1C04
TUBO05R6	5/16	8	-	13,9	28	406	112	80	0,13	B1C05
TUBO06R6	3/8	10	-	15,5	28	406	112	80	0,15	B1C06
TUBO08R6	1/2	12	-	19	28	406	112	100	0,20	B1C08
TUBO10R6	5/8	16	-	22,9	24	348	96	125	0,25	B1C10
TUBO12R6	3/4	19	-	25,8	21	305	84	150	0,30	BUK12
TUBO16R6	1"	25	-	33,2	9	131	36	170	0,45	BUK16

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE AI FLUIDI
IDRAULICI, AGLI OLII MINERALI ED AGLI
IDROCARBURI
RINFORZO:
FIBRE TESSILI AD ALTA TENACITÀ
COPERTURA:
GOMMA SINTETICA RESISTENTE
ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
ATMOSFERICI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C.

LOW PRESSURE HOSES
TUBI BASSA PRESSIONE

TUBOAN

HOSE 1 WIRE FIBER BRAID FOR HYDROCARBONS
TUBO 1 TRECCIA TESSILE PER IDROCARBURI



Notes

TUBE:
SYNTHETIC RUBBER FOR PETROLEUM
PRODUCTS UP TO 40% AROMATIC CONTENT
REINFORCEMENT:
HIGH TENACITY TEXTILE FIBERS ANTISTATIC
WIRE
COVER:
OIL, FUEL, ABRASION, AND OZONE
RESISTANT SYNTHETIC RUBBER
TEMPERATURE RANGE (FLUID):
FROM -20°C TO +70°C

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
TUBO04AN	1/4	6	12	10	145	35	-	0,11	BA1416
TUBO05AN	5/16	8	15	10	145	38	-	0,17	BA1719
TUBO06AN	3/8	10	17	10	145	32	-	0,21	BA2022
TUBO08AN	1/2	12	20	10	145	34	-	0,24	BA2224
TUBO10AN	5/8	16	23	10	145	38	-	0,32	BA2628
TUBO12AN	3/4	19	27	10	145	42	-	0,39	BA3032
TUBO16AN	1"	25	35	10	145	32	-	0,62	BA3840

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE AGLI
IDROCARBURI CON CONTENUTO
AROMATICO NON SUPERIORE AL 40%
RINFORZO:
FIBRE TESSILI AD ALTA TENACITÀ E
CORDICELLA DI RAME INCORPORATA PER
GARANTIRE LA DISSIPAZIONE
DELL'ELETTRICITÀ STATICA.
COPERTURA:
GOMMA SINTETICA RESISTENTE
ALL'ABRASIONE, AGLI OLII, AI CARBURANTI,
ALL'OZONO E AGLI AGENTI ATMOSFERICI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -20°C A +70°C

LOW PRESSURE HOSES
TUBI BASSA PRESSIONE

SPR4

SUCTION HOSE 1 WIRE FIBER BRAID AND 1 STEEL SPIRAL R4
TUBO ASPIRAZIONE 1 TRECCIA TESSILE E 1 SPIRALE IN ACCIAIO R4

Norme - Norma: SAE J 517 - SAE 100 R4



Notes

TUBE:
SYNTHETIC RUBBER RESISTANT TO
HYDRAULIC FLUIDS
REINFORCEMENT:
HIGH TENACITY TEXTILE FIBERS, SPIRAL
STEEL WIRE
COVER:
OZONE RESISTANT SYNTHETIC RUBBER
TEMPERATURE RANGE (FLUID):
FROM -40°C TO +100°C

* WHILE STOCKS LAST

Code Article Codice Articolo	Inside ø ø Interno		Out ø ø Est.	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch / Poll	DN (mm)		bar	psi				
SP19R4	3/4	19	29	21	305	84	95	0,60	BA3032
SP25R4	1"	25	35,4	17	250	68	125	0,70	BA3840
SP32R4	1"1/4	32	41,8	14	200	56	160	0,90	BR420
SP38R4	1"1/2	38	49	10	140	40	200	1,10	BR424
SP40R4*	1"1/2	40	51	10	140	41	260	1,26	BA5760
SP51R4	2"	51	62	7	100	28	255	1,35	BR432

Note

SOTTOSTRATO:
GOMMA SINTETICA, RESISTENTE AGLI OLII
RINFORZO:
FIBRE TESSILI AD ALTA TENACITÀ, SPIRALE
D'ACCIAIO INCORPORATA
COPERTURA:
GOMMA SINTETICA RESISTENTE AGLI AGENTI
ATMOSFERICI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C

* ARTICOLO IN ESAURIMENTO

WASHER HOSE
TUBI IDROPULTRICE

TUBO1H

HOSE 1 WIRE BRAID JET WASH 1SN
TUBO 1 TRECCIA IDROPULTRICE 1SN

Norme - *Norma*: DIMENSIONS AND TOLLERANCES ACCORDING TO DIN EN 853 1SN



Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT AGAINST
COLD AND HOT WATER
REINFORCEMENT:
ONE BRAID OF HIGH TENSILE STEEL WIRE
COVER:
ABRASION AND OZONE RESISTANT
SYNTHETIC RUBBER.
TEMPERATURE RANGE (MEDIUM):
FROM -10°C TO 155°C

Code Article Codice Articolato	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO041H	1/4	6	10,9	13	250	3625	900	100	0,19	BUS04-B1A04
TUBO051H	5/16	8	12,5	14,7	220	3190	860	115	0,22	BUS05-B1A05
TUBO061H	3/8	10	14,8	16,8	220	3190	720	125	0,28	BUS06-B1A06
TUBO081H	1/2	12	17,9	20	220	3190	640	180	0,36	BUS08-B1A08
TUBO101H	5/8	16	21	23,2	130	1885	520	200	0,42	BUS10-B1A10

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE ALL'AZIONE
DELL'ACQUA CALDA E FREDDA
RINFORZO:
UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
GOMMA SINTETICA RESISTENTE
ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
ATMOSFERICI;
RANGE DELLE TEMPERATURE (FLUIDO):
DA -10 A +155°C

WASHER HOSE
TUBI IDROPULTRICE

TUBO2H

HOSE 2 WIRE BRAIDS JET WASH 2SN
TUBO 2 TRECCE IDROPULTRICE 2SN

Norme - *Norma*: DIMENSIONS AND TOLLERANCES ACCORDING TO DIN EN 853 2SN



Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT AGAINST
COLD AND HOT WATER
REINFORCEMENT:
TWO BRAID OF HIGH TENSILE STEEL WIRE
COVER:
ABRASION AND OZONE RESISTANT
SYNTHETIC RUBBER.
TEMPERATURE RANGE (MEDIUM):
FROM -10°C TO 155°C

Code Article Codice Articolato	Inside ϕ ϕ Interno		ϕ Braid ϕ Treccia	ϕ Out ϕ Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO042H	1/4	6	12,4	13,4	400	5800	1600	100	0,19	BUS04-B2A04
TUBO052H	5/16	8	14	16	400	5800	1400	115	0,22	BUS05-B2A05
TUBO062H	3/8	10	16,4	18,4	400	5800	1320	125	0,28	BUS06-B2A06
TUBO082H	1/2	12	19,4	21,4	400	5800	1100	180	0,36	BUS08-B2A08

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE ALL'AZIONE
DELL'ACQUA CALDA E FREDDA
RINFORZO:
DUE TRECCE DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
GOMMA SINTETICA RESISTENTE
ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
ATMOSFERICI;
RANGE DELLE TEMPERATURE (FLUIDO):
DA -10 A +155°C

WASHER HOSE
TUBI IDROPULITRICE

TUBO1M

HOSE 1 WIRE BRAID JET WASH BLUE 1SN
TUBO 1 TRECCIA IDROPULITRICE BLU 1SN

Norme - *Norma*: DIMENSIONS AND TOLLERANCES ACCORDING TO DIN EN 853 1SN



Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT AGAINST
COLD AND HOT WATER
REINFORCEMENT:
ONE BRAID OF HIGH TENSILE STEEL WIRE
COVER:
BLUE, ABRASION AND OZONE RESISTANT
SYNTHETIC RUBBER.
TEMPERATURE RANGE (MEDIUM):
FROM -10°C TO 155°C

Code Article Codice Articolato	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO041M	1/4	6	10,9	13	250	3625	900	100	0,19	BUS04-B1A04
TUBO051M	5/16	8	12,5	14,7	220	3190	860	115	0,22	BUS05-B1A05
TUBO061M	3/8	10	14,8	16,8	220	3190	720	125	0,28	BUS06-B1A06
TUBO081M	1/2	12	17,9	20	220	3190	640	180	0,36	BUS08-B1A08
TUBO101M	5/8	16	21	23,2	130	1885	520	200	0,42	BUS10-B1A10

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE ALL'AZIONE
DELL'ACQUA CALDA E FREDDA
RINFORZO:
UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
BLU, GOMMA SINTETICA RESISTENTE
ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
ATMOSFERICI;
RANGE DELLE TEMPERATURE (FLUIDO):
DA -10 A +155°C

WASHER HOSE
TUBI IDROPULITRICE

TUBO2M

HOSE 2 WIRE BRAIDS JET WASH BLUE 2SN
TUBO 2 TRECCIE IDROPULITRICE BLU 2SN

Norme - *Norma*: DIMENSIONS AND TOLLERANCES ACCORDING TO DIN EN 853 2SN



Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT AGAINST
COLD AND HOT WATER
REINFORCEMENT:
TWO BRAID OF HIGH TENSILE STEEL WIRE
COVER:
BLUE, ABRASION AND OZONE RESISTANT
SYNTHETIC RUBBER.
TEMPERATURE RANGE (MEDIUM):
FROM -10°C TO 155°C

Code Article Codice Articolato	Inside \varnothing \varnothing Interno		\varnothing Braid \varnothing Treccia	\varnothing Out \varnothing Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBO042M	1/4	6	12,4	13,4	400	5800	1600	100	0,19	BUS04-B1A04
TUBO052M	5/16	8	14	16	400	5800	1400	115	0,22	BUS05-B1A05
TUBO062M	3/8	10	16,4	18,4	400	5800	1320	125	0,28	BUS06-B1A06
TUBO082M	1/2	12	19,4	21,4	400	5800	1100	180	0,36	BUS08-B1A08

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE ALL'AZIONE
DELL'ACQUA CALDA E FREDDA
RINFORZO:
DUE TRECCIA DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
BLU, GOMMA SINTETICA RESISTENTE
ALL'ABRASIONE, ALL'OZONO E AGLI AGENTI
ATMOSFERICI;
RANGE DELLE TEMPERATURE (FLUIDO):
DA -10 A +155°C

STEEL TUBES
TUBI IN ACCIAIO

TFZ

STEEL PIPE ST37.4 WITHOUT WELDING, GALVANIZED
TUBO IN ACCIAIO ST37.4 SENZA SALDATURE, ZINCATO



Notes

MATERIAL:
ST37.4 WITHOUT WELDING
SURFACE TREATMENT:
Cr3 GALVANIZATION

BAR LENGTH 6 METERS

Note

MATERIALE:
ST37.4 SENZA SALDATURE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3

LUNGHEZZA BARRA 6 METRI

Code Article Codice Articolo	Inside	Out	Weight Peso
	mm	mm	Kg/mt
TFZ061.0	4	6	0,12
TFZ081.0	6	8	0,17
TFZ081.5	5	8	0,24
TFZ101.0	8	10	0,22
TFZ101.5	7	10	0,31
TFZ121.5	9	12	0,39
TFZ122.0	8	12	0,49
TFZ141.5	11	14	0,46
TFZ142.0	10	14	0,59
TFZ151.5	12	15	0,49
TFZ182.0	14	18	0,79
TFZ182.5	13	18	0,96
TFZ202.0	16	20	0,89
TFZ202.5	15	20	1,08
TFZ222.0	18	22	0,99
TFZ222.5	17	22	1,2
TFZ252.5	20	25	1,37
TFZ253.0	19	25	1,62
TFZ282.0	24	28	1,28
TFZ282.5	23	28	1,60
TFZ303.0	24	30	2
TFZ304.0	22	30	2,57
TFZ323.0	26	32	2,15

STEEL TUBES
TUBI IN ACCIAIO

TFZ

STEEL PIPE ST37.4 WITHOUT WELDING, GALVANIZED
TUBO IN ACCIAIO ST37.4 SENZA SALDATURE, ZINCATO



Notes

MATERIALE:
ST37.4 WITHOUT WELDING
SURFACE TREATMENT:
Cr3 GALVANIZATION

BAR LENGHT 6 METERS

Code Article Codice Articolo	Inside	Out	Weight Peso
	mm	mm	Kg/mt
TFZ422.0	38	42	1,97
TFZ423.0	36	42	2,89

Note

MATERIALE:
ST37.4 SENZA SALDATURE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3

LUNGHEZZA BARRA 6 METRI

STEEL TUBES
TUBI IN ACCIAIO

TF

STEEL PIPE ST37.4 WITHOUT WELDING, NOT GALVANIZED
TUBO IN ACCIAIO ST37.4 SENZA SALDATURE, NON ZINCATO



Notes

MATERIAL:
ST37.4 WITHOUT WELDING
SURFACE TREATMENT:
NOT GALVANIZED

BAR LENGTH 6 METERS

Note

MATERIALE:
ST37.4 SENZA SALDATURE
TRATTAMENTO SUPERFICIALE:
GREZZO

LUNGHEZZA BARRA 6 METRI

Code Article Codice Articolo	Inside	Out	Weight Peso
	mm	mm	Kg/mt
TF061.0	4	6	0,12
TF081.0	6	8	0,17
TF081.5	5	8	0,24
TF082.0	4	8	0,29
TF101.0	8	10	0,22
TF101.5	7	10	0,31
TF121.5	9	12	0,39
TF122.0	8	12	0,49
TF141.5	11	14	0,46
TF142.0	10	14	0,59
TF151.5	12	15	0,49
TF152.0	11	15	0,64
TF162.0	12	16	0,69
TF182.0	14	18	0,79
TF182.5	13	18	0,96
TF202.0	16	20	0,89
TF202.5	15	20	1,08
TF203.0	14	20	1,25
TF222.0	18	22	0,99
TF222.5	17	22	1,2
TF252.5	20	25	1,37
TF253.0	19	25	1,62
TF282.0	24	28	1,28



EXCEED

Exceed
HIGH PRESSURE HOSES

YOKOHAMA has developed for the end user the **Exceed** hose line ensuring superior performance to European standards. The hoses offer lightness and flexibility, key features in plants with high technology standards in hydraulics.

YOKOHAMA ha sviluppato per gli utilizzatori finali la linea di tubi **Exceed** garantendo prestazioni superiori agli standard europei. Le tubazioni offrono leggerezza e flessibilità, caratteristiche fondamentali negli impianti ad alta tecnologia oleodinamica.

YOKOHAMA EXCEED HOSES
YOKOHAMA TUBI EXCEED

5a

COMPARATIVE EU NORMS / COMPARAZIONE NORMATIVE EU

ø Inside ø interno		EUROPEAN NORME DIN EN	>	NORME ISO 18752	EUROPEAN NORME DIN EN	>	NORME ISO 18752
Inch/Poll	mm						
1/2	12	4SP	>	ISO420	4SH	>	-
5/8	16		>	ISO350		>	-
3/4	19		>	ISO350		>	ISO420
1"	25		>	ISO350		>	ISO420
1"1/4	32		>	ISO210		>	ISO350
1"1/2	38		>	ISO210		>	ISO350
2"	51		>	ISO210		>	ISO280

The comparison has been done only on the working pressure / La comparazione si riferisce alle sole pressioni di esercizio

ø Inside ø interno		EUROPEAN NORME SAE 100	>	NORME ISO 18752	EUROPEAN NORME SAE 100	>	NORME ISO 18752
Inch/Poll	mm						
3/4	19	R13	>	ISO350	R15	>	ISO420
1"	25		>	ISO350		>	ISO420
1"1/4	32		>	ISO350		>	ISO420
1"1/2	38		>	ISO350		>	ISO420
2"	51		>	ISO350		>	-

TUBOY21



418

HOSE ISO18752-210 BAR
TUBO ISO18752-210 BAR

TUBOY28



419

HOSE ISO18752-280 BAR
TUBO ISO18752-280 BAR

TUBOY35



420

HOSE ISO18752-350 BAR
TUBO ISO18752-350 BAR

TUBOY42



421

HOSE ISO18752-420 BAR
TUBO ISO18752-420 BAR

index

5a

418
421



EXCEED - ISOBARIC HOSES FOR VERY HIGH PRESSURE
EXCEED - TUBI ISOBARICI PRESSIONI ELEVATE

TUBOY21

HOSE ISO18752-210 BAR
TUBO ISO18752-210 BAR

Norme - Norma: ISO18752

Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT AGAINST
HYDRAULIC FLUIDS
REINFORCEMENT:
ONE WIRE BRAID DN 06
TWO WIRE BRAID DN 10 - DN 25
FOUR WIRE SPIRAL DN 32 - DN 51
OF HIGH TENSILE STEEL WIRE
COVER:
ABRASION AND WEATHER RESISTANT
SYNTHETIC RUBBER
TEMPERATURE RANGE (FLUID):
FROM -40°C TO 100°C FOR BRAID HOSES
FROM -40°C TO 120°C FOR SPIRAL HOSES

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE AGLI OLII
RINFORZO:
UNA TRECCIA DN 06
DUE TRECCE DN 10 - DN 25
QUATTRO SPIRALI DN 32 - DN 51
DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
GOMMA SINTETICA RESISTENTE
ALL'ABRASIONE E AGLI AGENTI
ATMOSFERICI
RANGE DELLE TEMPERATURE (FLUIDO):
DA -40°C A +100°C TUBI TRECCIATI
DA -40°C A +120°C TUBI SPIRALATI

Code Article Codice Articolo	Inside ϕ ϕ Interno		ϕ Braid ϕ Treccia	ϕ Out ϕ Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBOY0421	1/4	6	10.4	12.4	210	3000	840	45	0.18	BUK04
TUBOY0621	3/8	10	14.3	16.7	210	3000	840	60	0.36	BUK06
TUBOY0821	1/2	12	18.3	20.4	210	3000	840	80	0.49	BUK08
TUBOY1021	5/8	16	21.5	24.1	210	3000	840	110	0.64	BUK10
TUBOY1221	3/4	19	26.2	28.8	210	3000	840	130	0.93	BUK12
TUBOY1621	1"	25	33	35.9	210	3000	840	160	1.2	BUK16
TUBOY20SP	1"1/4	32	41.6	44.4	210	3000	840	280	2.1	B4H20-BHS20
TUBOY24SP	1"1/2	38	48.9	51.5	210	3000	840	330	3.02	B4H24-BHS24
TUBOY32SP	2"	51	63	66	210	3000	840	430	4.65	B4P32-BHS32

EXCEED - ISOBARIC HOSES FOR VERY HIGH PRESSURE
 EXCEED - TUBI ISOBARICI PRESSIONI ELEVATE

TUBOY28

HOSE ISO18752-280 BAR
 TUBO ISO18752-280 BAR

Norme - Norma: ISO18752



Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 TWO WIRE BRAID DN 06 - DN 12
 FOUR WIRE SPIRAL DN 16 - DN 51
 OF HIGH TENSILE STEEL WIRE
 COVER:
 ABRASION AND WEATHER RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 100°C FOR BRAID HOSES
 FROM -40°C TO 120°C FOR SPIRAL HOSES

Code Article Codice Articolo	Inside ø ø Interno		ø Braid ø Treccia	ø Out ø Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBOY0428	1/4	6	11.1	13.5	280	4000	1120	45	0.29	BUK04
TUBOY0628	3/8	10	14.3	16.9	280	4000	1120	60	0.37	BUK06
TUBOY0828	1/2	12	18.6	21.2	280	4000	1120	80	0.51	BUK08
TUBOY1028	5/8	16	24.1	26.5	280	4000	1120	140	1	B4P10-BHR10
TUBOY1228	3/4	19	27.2	29.5	280	4000	1120	170	1.15	B4P12-BHR12
TUBOY1628	1"	25	34.5	37	280	4000	1120	220	1.68	B4P16-BHR16
TUBOY2028	1"1/4	32	42.2	45.4	280	4000	1120	460	2.54	B4H20-BHS20
TUBOY2428	1"1/2	38	48.9	52.3	280	4000	1120	560	3.02	B4H24-BHS24
TUBOY32SH	2"	51	63	66	280	4000	1120	630	4.65	B4P32-BHS32

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 DUE TRECCE DN 06 - DN 12
 QUATTRO SPIRALI DN 16 - DN 51
 DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE E AGLI AGENTI
 ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +100°C TUBI TRECCIATI
 DA -40°C A +120°C TUBI SPIRALATI



EXCEED - ISOBARIC HOSES FOR VERY HIGH PRESSURE
 EXCEED - TUBI ISOBARICI PRESSIONI ELEVATE

TUBOY35

HOSE ISO18752-350 BAR
 TUBO ISO18752-350 BAR

Norme - Norma: ISO18752

Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 FOUR WIRE SPIRAL DN 12 - DN 25
 SIX WIRE SPIRAL DN 32 - DN 51
 OF HIGH TENSILE STEEL WIRE
 COVER:
 ABRASION AND WEATHER RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40°C TO 120°C

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 QUATTRO SPIRALI DN 12 - DN 25
 SEI SPIRALI DN 32 - DN 51
 DI ACCIAIO AD ALTA TENACITÀ
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE E AGLI AGENTI
 ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +120°C

Code Article Codice Articolo	Inside ϕ ϕ Interno		ϕ Braid ϕ Treccia	ϕ Out ϕ Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBOY0835	1/2	12	20.7	23.1	350	5000	1400	140	0.86	B4P08-BHR08
TUBOY10SP	5/8	16	24.1	26.5	350	5000	1400	160	1	B4P10-BHR10
TUBOY12SP	3/4	19	28	30.4	350	5000	1400	180	1.34	B4P12-BHR12
TUBOY16SP	1"	25	35	37.5	350	5000	1400	240	1.93	B4P16-BHR16
TUBOY2013	1"1/4	32	45.2	48.4	350	5000	1400	280	3.67	B4P20-BHR20
TUBOY2413	1"1/2	38	52.5	56	350	5000	1400	400	4.2	B4P24-BHR24
TUBOY3213	2"	51	67.5	71.1	350	5000	1400	500	7.2	B4P32-BHR32

EXCEED - ISOBARIC HOSES FOR VERY HIGH PRESSURE
 EXCEED - TUBI ISOBARICI PRESSIONI ELEVATE



TUBOY42

HOSE ISO18752-420 BAR
 TUBO ISO18752-420 BAR

Norme - Norma: ISO18752

Notes

TUBE:
 SYNTHETIC RUBBER, RESISTANT AGAINST
 HYDRAULIC FLUIDS
 REINFORCEMENT:
 FOUR WIRE SPIRAL DN 12 - DN 25
 SIX WIRE SPIRAL DN 51
 COVER:
 ABRASION AND WEATHER RESISTANT
 SYNTHETIC RUBBER
 TEMPERATURE RANGE (FLUID):
 FROM -40 °C TO 120°C

Code Article Codice Articolo	Inside ø ø Interno		ø Braid ø Treccia	ø Out ø Est	W.P. Esercizio		Burst Scoppio	Radius Raggio	Weight Peso	Ferrule Boccola
	Inch/Poll	DN (mm)	mm	mm	bar	psi	bar	mm	Kg/mt	
TUBOY08SP	1/2	12	20.7	23.1	420	6000	1680	140	0.8	B4P08-BHR08
TUBOY1042	5/8	16	24.1	26.5	420	6000	1680	160	1	B4P10-BHR10
TUBOY12SH	3/4	19	28	30.4	420	6000	1680	180	1.3	B4P12-BHR12
TUBOY16SH	1"	25	35	37.5	420	6000	1680	240	1.9	B4P16-BHR16
TUBOY2015	1"1/4	32	-	-	420	6000	1680	-	-	-
TUBOY2415	1"1/2	38	-	-	420	6000	1680	-	-	-
TUBOY3242	2"	51	67.5	71.1	420	6000	1680	500	7.2	B4P32-BHR32

Note

SOTTOSTRATO:
 GOMMA SINTETICA RESISTENTE AGLI OLII
 RINFORZO:
 QUATTRO SPIRALI DN 12 - DN 25
 SEI SPIRALI DN 51
 COPERTURA:
 GOMMA SINTETICA RESISTENTE
 ALL'ABRASIONE E AGLI AGENTI
 ATMOSFERICI
 RANGE DELLE TEMPERATURE (FLUIDO):
 DA -40°C A +120°C

 YOKOHAMA

YOKOHAMA

GENERAL CATALOGUE
CATALOGO GENERALE

YOKOHAMA HYDRAULIC HOSES
YOKOHAMA TUBI IDRAULICI



For Hydraulic Oil

OMNIBAR 1Million cycles (JIS-K 6349), High temperature, Safety ratio 500%	OMB10F,10,15F,15,20F,20,25F,25,32F,32,35F,35
LEVEX Extremely light Superior flexibility	NWP35,70,105,140,175,210,280,350
YFH MAST Hose for Fork Lift	YFH175,210
YPH Pilot line	YPH6,9
ARMORLEX Abrasion free	AX21,28,35
SUCTION	SC Series
SAE 100R5	WSR5Z
SAE 100R2	WSR2Z
SAE 100R9	WSR9Z
SAE 100R6	L35
Mid surge	N177
Jack Hose	AJ700
Jack Hose	AJ1000
Flexible Jack Hose	NAJ700
Heat resistance	LHW
Low-mid pressure range	SPOIL
Low pressure	HI-MID
Large bore series	N300N
Large bore series	SP210

For Hydraulic Oil or Water

Thermoplastic Hose High Pressure Water	NHW
Quick and easy assembly	WS18Z
SAE 100R7	N173
Thermoplastic	NV105
Thermoplastic	NV210
Thermoplastic	NN173
Water and hot water (not available for use with oil)	HTW10
Heat resistance Reusable Fitting	
High Temperature steam	USTEMN, USTEMT

For special purpose

SAE 100R14 / Compressed gas, Fuel and lubricant handling, Steam transfer, Hydraulic Systems	ST40
HWBF(High Water Base Fluid),Water oil Emulsion type, Soluble type and hudraulic oil	G210
Mineral oil / Large bore series	SP350,WSR5
Paint solvent (hydrocarbon,ester,ketone,alcohol and ether)	N191
Phosphate esters hydraulic oil (not available for use with hydraulic oil)	P210
rolling lubricant oil (Roll Coolant)	RC205,RC35N
Water and cement milk	GT70,GT140,GT205,GT410

For Hydraulic Oil

Series	Parts Number	Page	MWP [Mpa] [PSI]	MBP [Mpa] [PSI]	Application	Operating Temperature Range (Fluid)		Construction		
						[°C]	[°F]	Tube	Reinforcement	Cover
OMNIBAR 1 Million cycles (JIS-K 6349) Safety ratio 500%	OMB10F	136	17.0 2,500	86.0 12,500	Hydraulic oil	-40~120	-40~248	Oil resistance synthetic rubber	High-tensile steel wire	Abrasion&weather- resistant synthetic rubber
	OMB10	136	17.0 2,500	86.0 12,500						
	OMB15F	136	20.5 3,000	103.0 15,000						
	OMB15	136	20.5 3,000	103.0 15,000						
	OMB20F	136	24.0 3,500	120.0 17,500						
	OMB20	136	24.0 3,500	120.0 17,500						
	OMB25F	137	27.5 4,000	138.0 20,000						
	OMB25	137	27.5 4,000	138.0 20,000						
	OMB32F	137	31.0 4,500	155.0 22,500						
	OMB32	137	31.0 4,500	155.0 22,500						
	OMB35F	137	34.5 5,000	172.5 25,000						
OMB35	137	34.5 5,000	172.5 25,000							
LEVEX Extremely light Superior flexibility	NWP35	138	3.5 500	14.0 2,000	Hydraulic oil	-40~100	-40~212	Oil resistance synthetic rubber	High-tensile steel wire	Abrasion & weather- resistant synthetic rubber
	NWP70	138	7.0 1,000	28.0 4,000						
	NWP105	138	10.5 1,500	42.0 6,000						
	NWP140	139	14.0 2,000	56.0 8,000						
	NWP175	139	17.0 2,500	68.0 10,000						
	NWP210	139	20.5 3,000	82.0 12,000						
	NWP280	140	27.5 4,000	110.0 16,000						
	NWP350	140	34.5 5,000	138.0 20,000						
MAST Hose for Fork Lift	YFH175	141	17.0 2,500	68.0 10,000	Hydraulic oil	-40~100	-40~212	Oil resistance synthetic rubber	High-tensile steel wire	Abrasion & weather- resistant synthetic rubber
	YFH210	141	20.5 3,000	82.0 12,000						
Pilot line	YPH	141	7.0 1,000	28.0 4,000	Hydraulic oil	-40~100	-40~212	Oil resistance synthetic rubber	High-tensile steel wire	Abrasion & weather- resistant synthetic rubber
Abrasion free	AX21	142	20.5 3,000	82.0 12,000	Hydraulic oil	-40~100	-40~212	Oil resistance synthetic rubber	High-tensile steel wire	Abrasion & weather- resistant synthetic rubber
	AX28	142	27.5 4,000	110.0 16,000						
	AX35	142	34.5 5,000	138.0 20,000						

Inner Diameter (mm/SI Size/DN Size/Inch/Dash)															
3.6	4.8	6.3	7.9	9.5	12.7	15.9	19.0	25.4	31.8	38.1	50.8	60	63.5	76.2	101.6
3.2	5	6.3	8	10	12.5	16	19	25	31.5	38	51	60	63	76	102
-	5	6	8	10	12	16	20	25	31	40	51	60	63	76	102
1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	2	2-3/8	2-1/2	3	4
-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-38	-40	-48	-64
		x		x	x	x	x	x							
									x	x	x				
		x		x	x	x	x	x							
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		x		x	x	x	x	x							
									x	x					

5b YOKOHAMA HYDRAULIC HOSES - YOKOHAMA TUBI IDRAULICI

Series	Parts Number	Page	MWP [Mpa] [PSI]	MBP [Mpa] [PSI]	Application	Operating Temperature Range (Fluid)		Construction		
						[°C]	[°F]	Tube	Reinforcement	Cover
suction	SC	142	3.5 500	14.0 2,000	Hydraulic oil	-40~100	-40~212	Oil resistance synthetic rubber	High-tensile steel wire	weather-resistant synthetic rubber
SAE 100R2	WSR2Z	143	~34.5 ~5,000	~137.9 ~20,000	Hydraulic oil	-40~93	-40~199	Oil resistance synthetic rubber	High-tensile steel wire	weather-resistant synthetic rubber
SAE 100R5	WSR5Z	143	~20.7 ~3,000	~82.7 ~12,000	Hydraulic oil	-40~93	-40~199	Oil resistance synthetic rubber	High-tensile steel wire	weather-resistant synthetic rubber
SAE 100R6	L35	144	3.5 500	14.0 2,000	Hydraulic oil	-40~100	-40~212	Oil resistance synthetic rubber	High-tensile steel wire	weather-resistant synthetic rubber
SAE 100R7	N173	144	~20.5 ~3,000	~82.0 ~12,000	Hydraulic oil & Water	-40~100 [Water] ~60	-40~212 [Water] ~140	Nylon	Polyester	Polyurethane
SAE 100R9	WSR9Z	143	20.7 3,000	82.7 12,000	Hydraulic oil	-40~93	-40~199	Oil resistance synthetic rubber	High-tensile steel wire	weather-resistant synthetic rubber
SAE 100R14	ST40	145	~20.5 ~3,000	~82.0 ~12,000	Compressed gas, Fuel and lubricant handling, Steam transfer, Hydraulic Systems	-54~232	-65~450	Teflon® TUBE	304 stainless steel wire braid reinforcement	-
Mid surge	N177	145	10.5 1,500	59.0 8,600	Hydraulic oil	-40~100	-40~212	Nylon	Polyester yam braid	Wire Blade
Jack Hose	AJ700	146	68.6 10,000	137.3 20,000		-20~80	-4~176	Oil resistance synthetic rubber	Wire Blade	weather-resistant synthetic rubber
Jack Hose	AJ1000	146	98.0 14,000	196.0 28,000		-40~150	-40~302	Oil resistance synthetic rubber	High-tensile steel wire and Aramid yam	Abrasion & weather- resistant synthetic rubber
Flexible Jack Hose	NAJ700	146	70 10,000	140 20,000				Oil resistance synthetic rubber	High-tensile steel wire	Heat-resistant acrylic, Weather- resistant synthetic rubber
Heat resistance	LHW	147	3.5 500	14.0 2,000		-30~120	-30~248	Oil resistance synthetic rubber	Rayon	weather-resistant synthetic rubber
Low-mid pressure range	SPOIL	147	1.0 145	3.9 600		-40~100	-40~212		Synthetic fiber	
Low pressure	HI-MID	148	~1.5 ~200	~6.0 ~900		-20~80	-4~176		Wire Blade	
Large bore series	N300N	148	~5.0 ~700	~25.0 ~3,500		-20~80	-4~176	Oil resistance synthetic rubber	Spiral Wire Blade	
	SP210	148	20.5 3,000	82.0 12,000						
For Hydraulic Oil or Water										
Thermo Plastic Hose High Pressure Water	NHW	150	13.7 2,000	50 7,300	High Pressure Water	-40~80	-40~176	Water resistance thermoplastic	Polyester fiber	Abrasion resistance polyurethane
Quick and easy assembly	WS18Z	150	1.8 300	3.5 500	Hydraulic oil & Water	-40~93 [Water] ~60 [Air] ~70	-40~199 [Water] ~140 [Air] ~158	Water resistance thermoplastic	Special synthetic fiber	Abrasion resistance polyurethane
Thermoplastic	NV105	151	10.5 1,500	42.0 6,000	Hydraulic oil & Water	-40~100 [Water] ~60	-40~212 [Water] ~140	Polyester elastomer	Polyester yam braid	Polyester elastomer
	NV210	151	20.6 3,000	82.4 12,000		-55~100 [Water] ~60	-67~212 [Water] ~140			
	NN173	151	13.5 2,000	54.0 7,800						
Heat resistance Reusable Fitting	HTW10	152	1.0 145	4.0 600	Water and hot water (not available for use with oil)	Maximum 120	Maximum 246	Heat-resistant synthetic rubber	Special synthetic fiber	Heat-resistant synthetic rubber

Inner Diameter (mm/SI Size/DN Size/Inch/Dash)															
3.6	4.8	6.3	7.9	9.5	12.7	15.9	19.0	25.4	31.8	38.1	50.8	60	63.5	76.2	101.6
3.2	5	6.3	8	10	12.5	16	19	25	31.5	38	51	60	63	76	102
-	5	6	8	10	12	16	20	25	31	40	51	60	63	76	102
1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	2	2-3/8	2-1/2	3	4
-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-38	-40	-48	-64
								x	x	x					

		x		x	x	x	x	x	x	x					
			x	x		x	x	x	x	x					
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x	x						x								
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		x		x	x										

5b YOKOHAMA HYDRAULIC HOSES - YOKOHAMA TUBI IDRAULICI

Series	Parts Number	Page	MWP [Mpa] [PSI]	MBP [Mpa] [PSI]	Application	Operating Temperature Range (Fluid)		Construction		
						[°C]	[°F]	Tube	Reinforcement	Cover
High Temperature steam	USTEMN USTEMT	152	1.8 260	-	High Temperature steam	Maximum 210~250	Maximum 410~482	Heat-resistant synthetic rubber	Wire & Yarn Blade	Heat-resistant synthetic rubber
For special purpose										
HWBF (High Water Base Fluid)	G210	153	20.5 3,000	102.5 15,000	HWBF, Water oil Emulsion type, Soluble type and hydraulic oil	5~60 [Hydraulic Oil] -40~100	5~140 [Hydraulic Oil] -40~212	Oil restance synthetic rubber	Wire Braid Spiral wire Yarn braid	Oil restance synthetic rubber
Large bore series	SP350	149	34.5 5,000	103.5 15,000	Mineral oil	-40~100	-40~212	Oil restance synthetic rubber	Spiral Wire	Abrasion & weather-resistant synthetic rubber
Large bore series	WSR5	149	~2.4 ~350	~9.7 ~1,400	Mineral oil	-40~93	-40~199		Wire Braid	Yarn Braid
Paint spray hose	N191	153	20.6 3,000	68.5 10,000	Paint solvent (hydrocarbon, ester, ketone, alcohol and ether)	-20~80	-4~176	Nylon	High-tensile steel wire	vinyl chloride
Phosphate esters hydraulic oil	P210	154	20.5 3,000	102.5 15,000	Phosphate esters hydraulic oil (not available for use with hydraulic oil)	-30~100	-22~212	Phosphate esters hydraulic synthetic rubber	Wire Braid Spiral wire	weather-resistant synthetic rubber
Roll Coolant system	RC205	155	20.5 3,000	82.0 12,000	rolling lubricant oil (Roll Coolant)	-40~100	-40~212	Oil restance synthetic rubber	Wire Braid	Abrasion & weather-resistant synthetic rubber
	RC35N	155	3.5 500	14.0 2,000						
Water and cement milk	GT70	156	7.0 1,000	-	Water and cement milk	5~60	41~140	Abrasion resistance and water proof synthetic rubber	Wire Braid	Abrasion resistant synthetic rubber
	GT140	156	14.0 2,000	-						
	GT205	156	20.5 3,000	-						
	GT410	156	41.0 6,000	-						

Inner Diameter (mm/SI Size/DN Size/Inch/Dash)															
3.6	4.8	6.3	7.9	9.5	12.7	15.9	19.0	25.4	31.8	38.1	50.8	60	63.5	76.2	101.6
3.2	5	6.3	8	10	12.5	16	19	25	31.5	38	51	60	63	76	102
-	5	6	8	10	12	16	20	25	31	40	51	60	63	76	102
1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1-1/4	1-1/2	2	2-3/8	2-1/2	3	4
-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-38	-40	-48	-64
					x		x	x	x	x	x				
		x		x	x		x	x	x	x	x				
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								x	x	x	x				
					x		x	x	x	x					
							x								

OMNIBAR / 1 Million cycles(JIS-K 6349), High temperature, Safety ratio 500%

Feature

While maintaining the excellent Hi Impulse and long durability features of the conventional Omnibar series, that is commonly called "OMB," this series further enhanced flexibility while decreasing the minimum bend radius, and made possible more compact piping designs.

These hoses have passed an endurance test of 1 million repetitions of being bent to the minimum radius under a standard JIS K 6349 and meet with ISO 18752 Grade D with a constant oil temperature of 120 °C.

Construction

Inner Tube : Oil resistance synthetic rubber

Reinforcement : High-tensile steel wire

Outer Cover : Abrasion&weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 120 °C -40 ~ 248 °F

OMB 10								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
OMB10F-04	6.3	1/4	13.4	1W/B	17.0	86.0	60	210
OMB10F-06	9.5	3/8	17.9	2W/B	17.0	86.0	80	440
OMB10F-08	12.7	1/2	21.4	2W/B	17.0	86.0	95	590
OMB10F-10	15.9	5/8	25.1	2W/B	17.0	86.0	115	780
OMB10F-12	19.0	3/4	28.8	2W/B	17.0	86.0	130	950
OMB10F-16	25.4	1	36.1	4W/S	17.0	86.0	170	1,400
OMB10-20	31.8	1 1/4	45.4	4W/S	17.0	86.0	250	2,490
OMB10-24	38.1	1 1/2	52.3	4W/S	17.0	86.0	300	2,970
OMB10-32	50.8	2	66.0	4W/S	17.0	86.0	370	4,650

OMB 15								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
OMB15F-04	6.3	1/4	14.9	2W/B	20.5	103.0	70	370
OMB15F-06	9.5	3/8	18.4	2W/B	20.5	103.0	90	540
OMB15F-08	12.7	1/2	21.5	2W/B	20.5	103.0	100	600
OMB15F-10	15.9	5/8	25.2	2W/B	20.5	103.0	125	800
OMB15F-12	19.0	3/4	29.4	4W/S	20.5	103.0	150	1,100
OMB15F-16	25.4	1	36.2	4W/S	20.5	103.0	190	1,450
OMB15-20	31.8	1 1/4	45.4	4W/S	20.5	103.0	280	2,490
OMB15-24	38.1	1 1/2	52.3	4W/S	20.5	103.0	340	3,020
OMB15-32	50.8	2	66.0	4W/S	20.5	103.0	380	4,650

OMB 20								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
OMB20F-04	6.3	1/4	15.0	2W/B	24.0	120.0	70	380
OMB20F-06	9.5	3/8	18.5	2W/B	24.0	120.0	90	550
OMB20F-08	12.7	1/2	22.9	4W/S	24.0	120.0	110	830
OMB20F-10	15.9	5/8	26.3	4W/S	24.0	120.0	130	960
OMB20F-12	19.0	3/4	29.5	4W/S	24.0	120.0	160	1,130
OMB20F-16	25.4	1	36.9	4W/S	24.0	120.0	200	1,640
OMB20-20	31.8	1 1/4	48.4	6W/S	24.0	120.0	330	3,610
OMB20-24	38.1	1 1/2	55.3	6W/S	24.0	120.0	400	4,210
OMB20-32	50.8	2	70.5	6W/S	24.0	120.0	470	6,740

OMB 25

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
OMB25F-04	6.3	1/4	15.0	2W/B	27.5	138.0	70	380
OMB25F-06	9.5	3/8	18.5	2W/B	27.5	138.0	90	550
OMB25F-08	12.7	1/2	23.0	4W/S	27.5	138.0	110	840
OMB25F-10	15.9	5/8	26.4	4W/S	27.5	138.0	140	970
OMB25F-12	19.0	3/4	29.5	4W/S	27.5	138.0	170	1,150
OMB25F-16	25.4	1	37.0	4W/S	27.5	138.0	220	1,680
OMB25-20	31.8	1 1/4	48.4	6W/S	27.5	138.0	340	3,610
OMB25-24	38.1	1 1/2	55.3	6W/S	27.5	138.0	430	4,210
OMB25-32	50.8	2	71.1	6W/S	27.5	138.0	480	7,200

OMB 32

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
OMB32F-04	6.3	1/4	15.0	2W/B	31.0	155.0	90	390
OMB32F-06	9.5	3/8	18.9	2W/B	31.0	155.0	120	560
OMB32F-08	12.7	1/2	23.0	4W/S	31.0	155.0	120	850
OMB32F-10	15.9	5/8	26.4	4W/S	31.0	155.0	150	980
OMB32F-12	19.0	3/4	30.3	4W/S	31.0	155.0	180	1,300
OMB32F-16	25.4	1	37.4	4W/S	31.0	155.0	230	1,900
OMB32-20	31.8	1 1/4	48.4	6W/S	31.0	155.0	350	3,670
OMB32-24	38.1	1 1/2	56.0	6W/S	31.0	155.0	450	4,200
OMB32-32	50.8	2	71.1	6W/S	31.0	155.0	490	7,200

OMB 35

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
OMB35F-04	6.3	1/4	15.1	2W/B	34.5	172.5	90	400
OMB35F-06	9.5	3/8	19.0	2W/B	34.5	172.5	120	570
OMB35F-08	12.7	1/2	23.1	4W/S	34.5	172.5	140	860
OMB35F-10	15.9	5/8	26.5	4W/S	34.5	172.5	160	1,000
OMB35F-12	19.0	3/4	30.4	4W/S	34.5	172.5	190	1,340
OMB35F-16	25.4	1	37.5	4W/S	34.5	172.5	240	1,930
OMB35-20	31.8	1 1/4	48.4	6W/S	34.5	172.5	370	3,670
OMB35-24	38.1	1 1/2	56.0	6W/S	34.5	172.5	470	4,200
OMB35-32	50.8	2	71.1	6W/S	34.5	172.5	500	7,200

LEVEK / Extremely light Superior flexibility

Feature

Employing strong resistance to rubbing and a weather-resistant abrasive cover, these hoses have a small external diameter, are able to form a small bend radius, lightweight, and easy-to-handle. Based on JIS K 6349.

Construction

Inner Tube : Oil resistance synthetic rubber

Reinforcement : High-tensile steel wire

Outer Cover : Abrasion & weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100°C -40 ~ 212°F

NWP 35								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NWP35 6	6.3	1/4	11.7	1W/B	3.5	14.0	40	165
NWP35 9	9.5	3/8	14.9	1W/B	3.5	14.0	50	200
NWP35 12	12.7	1/2	19.0	1W/B	3.5	14.0	60	310
NWP35 15	15.9	5/8	23.2	1W/B	3.5	14.0	80	430
NWP35 19	19.0	3/4	25.6	1W/B	3.5	14.0	100	430
NWP35 25	25.4	1	32.2	1W/B	3.5	14.0	120	580
NWP35 32	31.8	1 1/4	39.9	1W/B	3.5	14.0	190	780
NWP35 38	38.1	1 1/2	46.2	1W/B	3.5	14.0	230	950
NWP35 50	50.8	2	61.0	2W/B	3.5	14.0	300	2,000

NWP 70								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NWP70 6	6.3	1/4	11.8	1W/B	7.0	28.0	40	170
NWP70 9	9.5	3/8	14.9	1W/B	7.0	28.0	50	210
NWP70 12	12.7	1/2	19.0	1W/B	7.0	28.0	60	320
NWP70 15	15.9	5/8	23.2	1W/B	7.0	28.0	80	450
NWP70 19	19.0	3/4	25.7	1W/B	7.0	28.0	100	450
NWP70 25	25.4	1	32.3	1W/B	7.0	28.0	120	600
NWP70 32	31.8	1 1/4	41.2	2W/B	7.0	28.0	240	1,270
NWP70 38	38.1	1 1/2	47.7	2W/B	7.0	28.0	290	1,450
NWP70 50	50.8	2	61.0	2W/B	7.0	28.0	370	2,060

NWP 105								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NWP105 6	6.3	1/4	12.3	1W/B	10.5	42.0	45	175
NWP105 9	9.5	3/8	15.0	1W/B	10.5	42.0	50	220
NWP105 12	12.7	1/2	19.1	1W/B	10.5	42.0	60	340
NWP105 15	15.9	5/8	23.2	1W/B	10.5	42.0	80	460
NWP105 19	19.0	3/4	26.7	1W/B	10.5	42.0	100	620
NWP105 25	25.4	1	34.8	2W/B	10.5	42.0	130	1,100
NWP105 32	31.8	1 1/4	41.2	2W/B	10.5	42.0	240	1,320
NWP105 38	38.1	1 1/2	50.5	4W/S	10.5	42.0	290	2,370
NWP105 50	50.8	2	64.5	4W/S	10.5	42.0	370	3,550

NWP 140

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NWP140 6	6.3	1/4	12.3	1W/B	14.0	56.0	45	175
NWP140 9	9.5	3/8	15.0	1W/B	14.0	56.0	50	220
NWP140 12	12.7	1/2	19.1	1W/B	14.0	56.0	60	340
NWP140 15	15.9	5/8	24.0	2W/B	14.0	56.0	95	620
NWP140 19	19.0	3/4	27.9	2W/B	14.0	56.0	110	790
NWP140 25	25.4	1	35.4	2W/B	14.0	56.0	140	1,170
NWP140 32	31.8	1 1/4	43.5	4W/S	14.0	56.0	240	1,750
NWP140 38	38.1	1 1/2	50.5	4W/S	14.0	56.0	290	2,410
NWP140 50	50.8	2	64.5	4W/S	14.0	56.0	370	3,550








NWP 175








Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NWP175 6	6.3	1/4	12.4	1W/B	17.0	68.0	45	180
NWP175 9	9.5	3/8	16.2	1W/B	17.0	68.0	60	310
NWP175 12	12.7	1/2	20.3	2W/B	17.0	68.0	80	470
NWP175 15	15.9	5/8	24.1	2W/B	17.0	68.0	100	640
NWP175 19	19.0	3/4	28.7	2W/B	17.0	68.0	120	900
NWP175 25	25.4	1	35.6	2W/B	17.0	68.0	160	1,300
NWP175 32	31.8	1 1/4	44.3	4W/S	17.0	68.0	250	1,930
NWP175 38	38.1	1 1/2	51.4	4W/S	17.0	68.0	300	2,750
NWP175 50	50.8	2	64.5	4W/S	17.0	68.0	430	3,600

NWP 210

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NWP210 6	6.3	1/4	12.4	1W/B	20.5	82.0	45	180
NWP210 9	9.5	3/8	16.7	2W/B	20.5	82.0	60	360
NWP210 12	12.7	1/2	20.4	2W/B	20.5	82.0	80	490
NWP210 15	15.9	5/8	24.1	2W/B	20.5	82.0	110	640
NWP210 19	19.0	3/4	28.7	2W/B	20.5	82.0	130	930
NWP210 25	25.4	1	35.9	4W/S	20.5	82.0	180	1,380
NWP210 32	31.8	1 1/4	44.3	4W/S	20.5	82.0	280	1,980
NWP210 38	38.1	1 1/2	51.4	4W/S	20.5	82.0	330	2,800
NWP210 50	50.8	2	65.9	4W/S	20.5	82.0	430	4,600

LEVEX / Extremely light Superior flexibility

NWP 280								
Hose Brand	 Inner Diameter		 Outer Diameter	 Reinforcement	 Maximum Working Pressure (Mpa)	 Minimum Burst Pressure (Mpa)	 Minimum Bend Radius (mm)	 Weight Per Meter (g)
	(mm)	(Inch)						
NWP280 6	6.3	1/4	13.7	2W/B	27.5	110.0	45	280
NWP2809	9.5	3/8	16.9	2W/B	27.5	110.0	60	370
NWP280 12	12.7	1/2	21.2	2W/B	27.5	110.0	80	510
NWP280 15	15.9	5/8	26.5	4W/S	27.5	110.0	140	1,000
NWP280 19	19.0	3/4	29.5	4W/S	27.5	110.0	170	1,150
NWP280 25	25.4	1	37.0	4W/S	27.5	110.0	220	1,680
NWP280 32	31.8	1 1/4	48.3	6W/S	27.5	110.0	280	3,580
NWP280 38	38.1	1 1/2	55.9	6W/S	27.5	110.0	330	3,930
NWP280 50	50.8	2	71.0	6W/S	27.5	110.0	430	7,100

NWP 350								
Hose Brand	 Inner Diameter		 Outer Diameter	 Reinforcement	 Maximum Working Pressure (Mpa)	 Minimum Burst Pressure (Mpa)	 Minimum Bend Radius (mm)	 Weight Per Meter (g)
	(mm)	(Inch)						
NWP350 6	6.3	1/4	15.0	2W/B	34.5	138.0	90	380
NWP350 9	9.5	3/8	18.9	2W/B	34.5	138.0	120	550
NWP350 12	12.7	1/2	23.0	4W/S	34.5	138.0	140	840
NWP350 15	15.9	5/8	26.5	4W/S	34.5	138.0	160	1,050
NWP350 19	19.0	3/4	30.4	4W/S	34.5	138.0	190	1,340
NWP350 25	25.4	1	37.4	4W/S	34.5	138.0	240	1,930
NWP350 32	31.8	1 1/4	48.3	6W/S	34.5	138.0	280	3,640
NWP350 38	38.1	1 1/2	55.9	6W/S	34.5	138.0	400	3,980
NWP350 50	50.8	2	71.0	6W/S	34.5	138.0	500	7,150

YFH / MAST Hose for Fork Lift

Feature

Cover material with abrasion resistance is implemented.
Abrasion against other hose or piping is minimized.
Compact bend radius makes to use for mast hose of Fork Lift.

Construction

Inner Tube : Oil resistance synthetic rubber
Reinforcement : High-tensile steel wire
Outer Cover : Abrasion&weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100 °C -40 ~ 212 °F

YFH175

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
YFH175 6	6.3	1/4	13.5	2W/B	17	68	45	280
YFH175 9	9.5	3/8	16.7	2W/B	17	68	60	360
YFH175 12	12.7	1/2	20.4	2W/B	17	68	80	490

YFH210

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
YFH210 6	6.3	1/4	13.5	2W/B	20.5	82	45	280
YFH210 9	9.5	3/8	16.7	2W/B	20.5	82	60	360
YFH210 12	12.7	1/2	20.4	2W/B	20.5	82	80	490
YFH210 15	15.9	5/8	24.1	2W/B	20.5	82	95	640

YPH / Pilot line

Feature

YPH series was developed just for pilot line.
It's minimized small outside diameter ideally suited to the compact lay line requirement.

Construction

Inner Tube : Oil resistance synthetic rubber
Reinforcement : High-tensile steel wire
Outer Cover : weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100 °C -40 ~ 212 °F

YPH

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
YPH 6	6.3	1/4	11.8	1W/B	7.0	28.0	40	180
YPH 9	9.5	3/8	14.8	1W/B	7.0	28.0	50	220

ARMORLEX / Abrasion free

Feature

AX series is processed abrasion resistance sheet on outer cover.
Protector for abrasion on hose is not required.

Construction

Inner Tube : Oil resistance synthetic rubber
Reinforcement : High-tensile steel wire
Outer Cover : Abrasion&weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100°C -40~ 212°F

ARMORLEX								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
AX21 6	6.3	1/4	13.5	2W/B	20.5	82.0	50	280
AX21 9	9.5	3/8	16.7	2W/B	20.5	82.0	60	360
AX21 12	12.7	1/2	20.4	2W/B	20.5	82.0	70	490
AX21 15	15.9	5/8	24.1	2W/B	20.5	82.0	95	620
AX28 12	12.7	1/2	23.1	4W/S	27.5	110.0	110	850
AX28 15	15.9	5/8	27.5	4W/S	27.5	110.0	140	1,200
AX28 19	19.0	3/4	30.5	4W/S	27.5	110.0	170	1,320
AX35 12	12.7	1/2	23.1	4W/S	34.5	138.0	140	850
AX35 15	15.9	5/8	27.5	4W/S	34.5	138.0	160	1,220
AX35 19	19.0	3/4	30.5	4W/S	34.5	138.0	190	1,340

SUCTION

Feature

SC series were designed for suction line.
Maximum suction/vacuum pressure is -86kPa.

Construction

Inner Tube : Oil resistance synthetic rubber
Reinforcement : High-tensile steel wire
Outer Cover : weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100°C -40~ 212°F

Maximum Vacuum Pressure

-86 kPa

Suction								
Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
SC 25	25.4	1	35.0	1W/B	3.5	14.0	150	800
SC 32	31.8	1 1/4	40.5	1W/B	3.5	14.0	200	980
SC 38	38.1	1 1/2	47.5	1W/B	3.5	14.0	250	1,130

SAE 100R5

Feature

W series is high pressure hose which cleared SAE standard specification. Fittings of W series was implemented field assembly.

- ① Easy for on site assembly. Hose can be cut suitable length for equipments.
- ② It enhance minimized down time to replace hose assembly built into equipments.
- ③ No needs to purchase full assembly hose. It minimize excess inventory.

Construction

Inner Tube : Oil resistance synthetic rubber.

Reinforcement : Wire braid, Spiral Wire braid.

Outer Cover : Abrasion & weather-resistant synthetic rubber.

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 93 °C -40 ~ 199 °F

WSR2Z equivalent to SAE 100R2

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
WSR2Z-04	6.4	1/4	17.5	2W/B	35	140	100	500
WSR2Z-06	9.5	3/8	21.4	2W/B	28	112	125	650
WSR2Z-08	12.7	1/2	24.6	2W/B	24.5	98	175	850
WSR2Z-12	19.0	3/4	31.8	2W/B	15.7	62.8	240	1,100
WSR2Z-16	25.4	1	39.7	2W/B	14	56	300	1,600
WSR2Z-20	31.8	1 1/4	50.8	2W/B	11.3	45.2	420	2,550
WSR2Z-24	38.1	1 1/2	57.1	2W/B	8.7	34.8	500	3,000

WSR5Z equivalent to SAE 100R5

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
WSR5Z-05	6.4	1/4	14.7	1W/B	21	84	85	295
WSR5Z-06	7.9	5/16	17.1	1W/B	15.7	62.8	100	330
WSR5Z-10	12.7	1/2	23.4	1W/B	12.2	48.4	140	560
WSR5Z-12	15.9	5/8	27.4	1W/B	10.5	42	165	735
WSR5Z-16	22.2	7/8	31.3	1W/B	5.6	22.4	185	755
WSR5Z-20	28.6	1 1/8	38.1	1W/B	4.3	17.2	230	810
WSR5Z-24	34.9	1 3/8	44.4	1W/B	3.5	14	265	1,000

WSR9Z equivalent to SAE 100R9

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
WSR9Z-12	19.0	3/4	31.1	4W/S	21	84	240	1,100
WSR9Z-16	25.4	1	39.5	4W/S	21	84	300	1,760

SAE 100R6

Feature

Light weighty and flexible hose for low-mid pressure range passed ISO4079-R6, SAE100R6.
Easy to assembly by field crimp machine.

Construction

Inner Tube : Oil resistance synthetic rubber.
Reinforcement : Wire braid, Spiral Wire braid.
Outer Cover : Weather-resistant synthetic rubber.

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100°C -40 ~ 212°F

L35 equivalent to SAE 100R6

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
L356	6.3	1/4	12.7	2Y/S	3.5	14.0	65	135
L359	9.5	3/8	15.9	2Y/S	3.5	14.0	75	180
L3512	12.7	1/2	19.8	2Y/S	3.5	14.0	100	250
L3519	19.0	3/4	27.0	1Y/B	3.5	14.0	150	480
L3525	25.4	1	34.9	1Y/B	3.5	14.0	200	720

SAE 100R7

Feature

N173 hose is equivalent to SAE100R7.
N173 hose series has hose size of which NN173 has no availability of the same size.

Construction

Inner Tube : -02,-03:Nylon -12:Polyester
Reinforcement : Polyester yarn braid
Outer Cover : Polyurethane

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100°C (up~ 60°C when using water)
-40 ~ 212°F (up~ 140°F when using water)

N173 equivalent to SAE 100R7

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
N173-02	3.6	1/8	8.8	1Y/B	21	82.0	15	35
N173-03	4.8	3/16	10.0	1Y/B	21	82.0	30	40
N173-12	19.0	3/4	27.0	1Y/B	8.7	34.0	165	310

SAE 100R14

Feature

Advantage for flexibility, temperature and chemical proof.
 No viscous tube much with high viscosity fluid such as adhesive, coating material etc. Also much with cleanliness factor fluid like steam or machine for food materials. Inner core vertically extruded to maintain highest quality of concentricity.
 304 stainless steel wire braid reinforcement.
 Meets or exceeds requirement of SAE100R14- PTFE meets FDA 21CFR 177.1550.

Construction

Inner Tube : Teflon® TUBE
 Reinforcement : 304 stainless steel wire braid reinforcement

Application

Compressed gas, Fuel and lubricant handling, Steam transfer, Hydraulic Systems

Operating Temperature Range

- 54° C ~ 232 ° C for continuous service
 - 65° C ~ 450 ° F

ST40 equivalent to SAE 100R14

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
ST40-04	4.8	3/16	7.7	-	20.5	82.0	50	105
ST40-05	6.4	1/4	9.5	-	20.5	82.0	75	120
ST40-06	7.9	5/16	11.0	-	17.0	68.0	100	150
ST40-10	12.7	1/2	16.1	-	12.0	48.0	165	215
ST40-12	15.9	5/8	19.4	-	10.5	42.0	191	285
ST40-16	22.2	7/8	26.2	-	7.0	28.0	230	430

Mid surge

Feature

N177 hose wears wire braid to build in machining tool.

Construction

Inner Tube : Nylon
 Reinforcement : Polyester yarn braid
 Outer Cover : Wire braid

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100 ° C -40 ~ 212 ° F

N177 Mid surge / Thermo Plastic

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
N177-04	6.3	1/4	11.4	1Y/B	10.5	59.0	35	150
N177-06	9.5	3/8	15.0	1Y/B	10.5	59.0	50	200
N177-08	12.7	1/2	19.0	1Y/B	10.5	59.0	75	330

Jack Hose

Feature

Reinforcement is implemented Aramid yarn braid.
It enhanced flexibility by 50% and lighten weight by 30% compared to conventional jack hose.

Construction

Inner Tube : Oil hesitance synthetic rubber
Reinforcement : High-tensile steel wire and Aramid yarn
Outer Cover : Abrasion & weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-20 ~ 80 °C -4 ~ 176 °F

New AJ for Jack

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NAJ700 6	6.3	1/4	15.8	1A/B + 1W/B	70	140	100	300
NAJ700 9	9.5	3/8	19.7	1A/B + 1W/B	70	140	120	440
NAJ700 12	12.7	1/2	23.6	1A/B + 1W/B	70	140	140	550

Feature

AJ hose series endurance up to 68.6MPa(700kg/cm²) through 98.0MPa(1000kg/cm²).
Cubic expansion is small because pressure is transferred swiftly, precisely, and light weight.

Construction

Inner Tube : Oil resistance synthetic rubber
Reinforcement : Wire braid
Outer Cover : Weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-20 ~ 80 °C -4 ~ 176 °F

AJ for Jack

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
AJ700 5	4.8	3/16	13.2	2W/B	68.6	137.3	80	350
AJ700 6	6.3	1/4	15.7	2W/B	68.6	137.3	100	430
AJ700 9	9.5	3/8	19.4	2W/B	68.6	137.3	130	620
AJ700 12	12.7	1/2	23.8	2W/B	68.6	137.3	160	920
AJ1000 5	4.8	3/16	13.2	2W/B	98.0	196.0	80	350
AJ1000 6	6.3	1/4	15.7	2W/B	98.0	196.0	100	430
AJ1000 9	9.5	3/8	19.4	2W/B	98.0	196.0	130	620

Heat resistance

Feature

As a result of improvement of the quality of the inside and outside rubbers, the heat resistance performance was much improved. The maximum temperature for the use of the HW series now reaches at 150 °C. The life expectancy of the HW series has been also improved at the 120 °C.

Construction

Inner Tube : heat resistance, oil-resistant synthetic rubber
 Reinforcement : High tension copper wire
 Outer Cover : Heat-resistant acrylic, Weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 150 °C -40 ~ 302 °F

LHW for Heat resistance

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
LHW 6	6.3	1/4	13.5	1W/B	3.5	14.0	60	220
LHW 9	9.5	3/8	16.8	1W/B	3.5	14.0	80	300
LHW 12	12.7	1/2	20.2	1W/B	3.5	14.0	90	430
LHW 15	15.9	5/8	23.3	1W/B	3.5	14.0	120	500
LHW 19	19.0	3/4	26.8	1W/B	3.5	14.0	140	645
LHW 25	25.4	1	32.8	1W/B	3.5	14.0	190	690
LHW 32	31.8	1 1/4	40.5	1W/B	3.5	14.0	230	930
LHW 38	38.1	1 1/2	47.5	1W/B	3.5	14.0	290	1,160
LHW 50	50.4	2	61.1	2W/B	3.5	14.0	370	1,790

Low-mid pressure range

Feature

Low-mid pressure range hose for High temperature resistant.

Construction

Inner Tube : Oil resistance synthetic rubber
 Reinforcement : Rayon
 Outer Cover : Weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-30 ~ 120 °C -30 ~ 248 °F

SPOIL for Low-Mid pressure

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
SPOIL 9	9.5	3/8	19.0	2Y/S	1.0	3.9	115	260
SPOIL 12	12.7	1/2	22.5	2Y/S	1.0	3.9	135	370
SPOIL 19	19.0	3/4	31.0	2Y/S	1.0	3.9	185	640

Low pressure

Feature

We recommend Hi-Mid hose series for low pressure of inner diameter 6 to 25.

Construction

Inner Tube : Oil resistance synthetic rubber
 Reinforcement : Synthetic fiber
 Outer Cover : Weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-40 ~ 100°C -40 ~ 212°F

HI-MID for Low pressure

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
HI-MID 6	6.3	1/4	13.8	2Y/S	1.5	6.0	100	150
HI-MID 9	9.5	3/8	17.0	2Y/S	1.5	6.0	120	200
HI-MID 12	12.7	1/2	20.5	2Y/S	1.5	6.0	150	260
HI-MID 19	19.0	3/4	27.5	1Y/B	1.0	4.0	210	390
HI-MID 25	25.4	1	34.0	1Y/B	1.0	4.0	250	510

Large bore series

Feature

Large inner diameter rubber hose series
 In general, inner diameter of hose for hydraulic line sufficiently up to 50mm ID.
 This hose series was developed for limited usage of marine, ship design, steel work and aircraft up to 100mm ID.

Construction

Inner Tube : Oil resistance synthetic rubber
 Reinforcement : Wire braid
 Outer Cover : Weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-20 ~ 80°C -4 ~ 176°F

N300N Large Bore

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
N300N 65	63.5	2 1/2	76.0	2W/B	5.0	25.0	660	2,780
N300N 75	76.2	3	89.0	2W/B	3.0	15.0	800	3,180
N300N 100	101.6	4	117.5	3W/B	3.0	15.0	950	5,400

Feature

Large inner diameter rubber hose series
 In general, inner diameter of hose for hydraulic line sufficiently up to 50mm ID.
 This hose series was developed for limited usage of marine, ship design, steel work and aircraft up to 100mm ID.

Construction

Inner Tube : Oil resistance synthetic rubber
 Reinforcement : Spiral wire
 Outer Cover : Weather-resistant synthetic rubber

Application

Hydraulic oil

Operating Temperature Range

-20 ~ 80°C -4 ~ 176°F

SP210 Large Bore

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
SP21065	63.5	2 1/2	87.0	6W/S	20.5	82.0	600	9,200

Feature

Large inner diameter rubber hose series
 In general, inner diameter of hose for hydraulic line sufficiently up to 50mm ID.
 This hose series was developed for limited usage of marine, ship design, steel work and aircraft up to 100mm ID.

Construction

Inner Tube : Oil resistance synthetic rubber
 Reinforcement : Spiral wire
 Outer Cover : Abrasion & weather-resistant synthetic rubber.

Application

Mineral oil
Operating Temperature Range
 -40 ~ 100 °C -40 ~ 212 °F

SP350 Large Bore

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
SP350 65	63.5	2 1/2	87.0	6W/S	34.5	103.5	600	9,200

Feature

Large inner diameter rubber hose series
 In general, inner diameter of hose for hydraulic line sufficiently up to 50mm ID.
 This hose series was developed for limited usage of marine, ship design, steel work and aircraft up to 100mm ID.

Construction

Inner Tube : Oil resistance synthetic rubber
 Reinforcement : Wire braid
 Outer Cover : Yarn braid

Application

Mineral oil
Operating Temperature Range
 -40 ~ 93 °C -40 ~ 199 °F

WSR5 Large Bore

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
WSR5-40	60.3	2 1/2	73.0	1W/B	2.4	9.7	610	2,210
WSR5-48	76.2	3	90.5	1W/B	1.4	5.5	840	3,040

Quick and easy assembly

Feature

Quick and easy assembly: Only cut a hose to the required length and insert fitting (WS18 Stockless Reusable fitting) after lubricating it. Special hose insertion tool is available.)

Fittings can be reusable. All fittings are reusable. Even if a hose is damaged, the metal fittings can be reused unless there is a deformation or flaw on them.

Reduce inventory: As the hoses can be assembled easily, there is no need to stock hose assemblies of a specific length and fittings.

You can stock hoses and fittings separately and can reduce inventory.

We have Black, Blue, Green and Red color. You can change hose at application line.

(-12 only Black color)

Construction

Inner Tube : Oil resistance synthetic rubber

Reinforcement : High-tensile steel wire

Outer Cover : weather-resistant synthetic rubber

Application

General-use working oil, lubrication oil, fuel oil, and air.

Operating Temperature Range

-40 °C ~ 93 °C (Oil) ~ 70 °C (Air) , ~ 60 °C (Water)

-40 °C ~ 199 °F (Oil) ~ 158 °F (Air) , ~ 140 °F (Water)

WS18Z socket less hose

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
WS18Z-04	6.3	1/4	12.7	1Y/B	1.8	7.0	76	120
WS18Z-06	9.5	3/8	15.9	1Y/B	1.8	7.0	76	160
WS18Z-08	12.7	1/2	19.0	1Y/B	1.8	7.0	127	220
WS18Z-12	19.0	3/4	26.2	1Y/B	1.8	7.0	178	340

Thermoplastic Hose High Pressure Water

Feature

Designed for high pressure cleaning hose built into coin car washing machine and portable washers and cleaners.

Construction

Inner Tube : Water resistant thermo plastics.

Reinforcement : Polyester fiber

Outer Cover : Abrasion resistance polyurethane

Application

High pressure water

Operating Temperature Range

-40 ~ 80 °C -40 ~ 176 °F

NHW for high pressure water

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NHW 9	9.5	3/8	17.0	1Y/B	13.7	-	50	150

Thermoplastic

Feature

i-bar hose was developed to minimize kink. Easy to build compact lay-line.

High abrasion resistance of outer cover reduced by 1/5 to 1/3 compared to current product and guarantee long service life.

NN173 hose series are implemented polyester elastomer for outer cover and inner tube.

It enhance flexibility and cold resistance up to -55 °C

Construction

Inner Tube : Polyester elastomer

Reinforcement : Polyester yarn braid

Outer Cover : Polyester elastomer

Application

Hydraulic oil

Operating Temperature Range

NV105 : -40 ~ 100 °C (up ~ 60 °C when using water)

-40 ~ 212 °F (up ~ 140 °F when using water)

NV210 : -40 ~ 100 °C (up ~ 60 °C when using water)

-40 ~ 212 °F (up ~ 140 °F when using water)

NN173 : -55 ~ 100 °C (up ~ 60 °C when using water)

-67 ~ 212 °F (up ~ 140 °F when using water)

NV105

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NV105 6	6.3	1/4	11.0	1Y/B	10.5	42.0	40	70
NV105 9	9.5	3/8	14.5	1Y/B	10.5	42.0	50	110
NV105 12	12.7	1/2	18.3	1Y/B	10.5	42.0	60	180

NV210

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NV210 6	6.3	1/4	13.4	2Y/B	20.6	82.4	50	130
NV210 9	9.5	3/8	17.6	2Y/B	20.6	82.4	65	200
NV210 12	12.7	1/2	21.4	2Y/B	20.6	82.4	80	250

NN173

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
NN173-04	6.3	1/4	12.6	1Y/B	19.0	76.0	30	110
NN173-06	9.5	3/8	16.0	1Y/B	15.5	62.0	50	140
NN173-08	12.7	1/2	19.8	1Y/B	13.5	54.0	60	200

Water and hot water (not available for use with oil)

Feature

Only insert a hose into a fitting and then you can use the assembly.
No need for band tightening or clamping. Usable with up to 120 °C hot water.

Construction

Inner Tube : Heat-resistant synthetic rubber
Reinforcement : Special synthetic fiber
Outer Cover : Heat-resistant synthetic rubber

Application

Water and hot water (not available for use with oil)

Operating Temperature Range

Max 120 °C Max 248 °F

HTW10 water and hot water

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
HTW10-04	6.3	1/4	12.7	1Y/B	1.0	4.0	76	120
HTW10-06	9.5	3/8	15.9	1Y/B	1.0	4.0	76	150
HTW10-08	12.7	1/2	19.5	1Y/B	1.0	4.0	127	225

Heat resistance Reusable Fitting / High Temperature steam

Feature

Superior high pressure and high temperature resistance.
Operating limit temperature is up to 210 °C continuously and 250 °C intermittently superior tube material for resistance to damp.

Construction

Inner Tube : Heat resistance synthetic rubber
Reinforcement : Wire braid and Yarn braid
Outer Cover : Heat resistance synthetic rubber

Application

High temperature steam

Operating Temperature Range

Up ~ 210 °C continuously and 250 °C intermittently.
Do not use for other fluid except steam.
Up ~ 410 °F continuously and 482 °F intermittently.
Do not use for other fluid except steam.

UP STEAM for high temp steam

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
USTEMN 12	12.7	1/2	26.5	1W/B × 1Y/B	1.8	220	650	120
USTEMT 19	19.0	3/4	33.0	1W/B × 1Y/B	1.8	270	950	150
USTEMN 25	25.4	1	41.5	1W/B × 1Y/B	1.8	340	1,300	120
USTEMN 32	31.8	1 1/4	48.0	1W/B × 1Y/B	1.8	400	1,500	150
USTEMN 38	38.1	1 1/2	54.5	1W/B × 1Y/B	1.8	450	1,800	120
USTEMN 50	50.8	2	67.0	1W/B × 1Y/B	1.8	550	2,250	150

Paint solvent (hydrocarbon,ester,ketone,alcohol and ether)

Feature

Implement nylon inner tube resistant to solvent used for paint material.
 Implement vinyl chloride outer cover resistant to abrasion.
 Conductive type to prevent static electricity caused by flammable solvent.
 1000 hours endurance test passed.

Construction

Inner Tube : Nylon
 Reinforcement : High-tensile steel wire
 Outer Cover : vinyl chloride

Application

Paint solvent (hydrocarbon, ester, ketene, alcohol and ether)

Operating Temperature Range

-20 ~ 80 °C -4 ~ 176 °F

N191 for paint solvent

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
N191 5	4.8	3/16	10.0	1W/B	20.6	68.5	30	120
N191 6	6.1	1/4	11.4	1W/B	20.6	68.5	35	140
N191 9	9.5	3/8	15.0	1W/B	20.6	68.5	50	230

HWBF (High Water Base Fluid),Water oil Emulsion type, Soluble type and hudraulic oil

Feature

Pricking processes for easy permeation of water vapor 800,000 cycles
 impulse test is cleared exceeding JIS specification Special fitting is available.

HWBF : High water base fluid.

Fitting standard material is mild steel plated black or Nickel Stainless steel material is available.

Construction

Inner Tube : Oil restance synthetic rubber
 Reinforcement : Wire braid
 Outer Cover : Wire spiral
 Weather-resistant synthetic rubber

Application

HWBF,Water oil Emulsion type, Soluble type and hudraulic oil

Operating Temperature Range

5 ~ 60 °C
 -40 ~ 100 °C for hydraulic oil
 5 ~ 140 °F
 -40 ~ 212 °F for hydraulic oil

UP STEAM for high temp steam

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
G210 6	6.4	1/4	17.5	2W/B + 1Y/B	20.5	102.5	100	500
G210 9	9.5	3/8	21.5	2W/B + 1Y/B	20.5	102.5	130	700
G210 12	12.7	1/2	28.0	1W/B + 4W/S + 1Y/B	20.5	102.5	160	1,250
G210 19	19.0	3/4	35.0	1W/B + 4W/S + 1Y/B	20.5	102.5	250	1,750
G210 25	25.4	1	41.0	1W/B + 4W/S + 1Y/B	20.5	102.5	310	2,250
G210 32	31.8	1-1/4	48.0	1W/B + 4W/S + 1Y/B	20.5	102.5	350	3,000
G210 38	38.1	1-1/2	58.0	1W/B + 6W/S + 1Y/B	20.5	102.5	450	4,700
G210 50	50.8	2	73.5	1W/B + 6W/S + 1Y/B	20.5	102.5	580	7,400

Phosphate esters hydraulic oil (not available for use with hydraulic oil)

Feature

Used for Phosphate esters hydraulic oil as fire resistant hose.
We recommend G210 hose series for HWBF Glass wool wearied on P210 hose is recommended when used under high ambient temperature, 100 °C more.

Construction

Inner Tube : Phosphate esters hydraulic synthetic rubber
Reinforcement : Wire braid, Wire spiral
Outer Cover : Weather-resistant synthetic rubber

Application

Phosphate esters hydraulic oil

Operating Temperature Range

-30 ~ 100 °C (Do not use hydraulic oil)
-22 ~ 212 °F (Do not use hydraulic oil)

P210 for phosphate esters

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
P210 6	6.4	1/4	14.8	2W/B	20.5	102.5	100	350
P210 9	9.5	3/8	18.8	2W/B	20.5	102.5	130	500
P210 12	12.7	1/2	22.0	2W/B	20.5	102.5	160	700
P210 19	19.0	3/4	33.5	4W/S	20.5	102.5	250	1,600
P210 25	25.4	1	40.0	4W/S	20.5	102.5	310	2,000
P210 32	31.8	1 1/4	50.0	6W/S	20.5	102.5	350	3,900
P210 38	38.1	1 1/2	57.0	6W/S	20.5	102.5	450	4,100
P210 50	50.8	2	73.0	6W/S	20.5	102.5	580	7,500

Rolling lubricant oil (Roll Coolant)

Feature

The cover rubber is made of oil-resistance material as well. Even the outside of the hose is poured by the rolling lubricant oil, the rubber material is sufficiently resistant for regular use.

The hose is very hard to be smashed. At the same time it has a quality of being flexible. Consequently the hose is found convenient in a narrow space.

Construction

Inner Tube : oil-resistant synthetic rubber

Reinforcement : wire braid Wire spiral

Outer Cover : oil resistant, oil-resistant synthetic rubber

Application

Rolling lubricant oil(Roll Coolant system)

Operating Temperature Range

-40 ~ 100°C -40 ~ 212°F

RC205 for roll coolant

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
RC205 6	6.3	1/4	13.5	2W/B	20.5	82.0	70	300
RC205 9	9.5	3/8	16.7	2W/B	20.5	82.0	90	390
RC205 12	12.7	1/2	20.2	2W/B	20.5	82.0	110	520
RC205 19	19.0	3/4	28.8	2W/B	20.5	82.0	170	970
RC205 25	25.4	1	36.0	4W/S	20.5	82.0	220	1,450
RC205 32	31.8	1 1/4	44.4	4W/S	20.5	82.0	280	2,200
RC205 38	38.1	1 1/2	51.5	4W/S	20.5	82.0	330	2,870
RC205 50	50.8	2	66.0	4W/S	20.5	82.0	430	4,700

RC35N for roll coolant

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Burst Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)						
RC35N 50	50.8	2	61.1	2W/B	3.5	14.0	300	2,060
RC35N 65	63.5	2 1/2	76.0	2W/B	3.5	14.0	660	2,780
RC35N 75	76.2	3	95.0	3W/B	3.5	14.0	800	5,400

Water and cement milk

Feature

This hose is exclusively for transfer of water and cement milk for soil improvement, strength rock mass, dam and tunnel construction. Improved abrasion resistance to prevent rubbing makes longer product-life cycle.

Construction

Inner Tube : Abrasion resistance and water proof synthetic rubber

Reinforcement : Wire braid

Outer Cover : Abrasion resistance synthetic rubber

Application

Water and cement milk

Operating Temperature Range

5 ~ 60 ° C (Do not use hydraulic oil)

41 ~ 140 ° F (Do not use hydraulic oil)

GT70 for water and grout

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)					
GT70 12	12.7	1/2	19.9	1W/B	7.0	80	330
GT70 25	25.4	1	33.2	1W/B	7.0	150	690
GT70 32	31.8	1 1/4	41.0	1W/B	7.0	190	960
GT70 38	38.1	1 1/2	48.0	1W/B	7.0	230	1,160
GT70 50	50.8	2	63.0	2W/B	7.0	300	2,020

GT140 for water and grout

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)					
GT140 19	19.0	3/4	27.2	1W/B	14.0	140	640
GT140 25	25.4	1	34.8	2W/B	14.0	190	1,100
GT140 32	31.8	1 1/4	41.3	2W/B	14.0	240	1,340
GT140 38	38.1	1 1/2	47.8	2W/B	14.0	290	1,470
GT140 50	50.8	2	61.1	2W/B	14.0	370	2,060

GT205 for water and grout

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)					
GT205 12	12.7	1/2	20.8	1W/B	20.5	90	400
GT205 19	19.0	3/4	28.0	2W/B	20.5	140	820
GT205 25	25.4	1	34.8	2W/B	20.5	190	1,100
GT205 32	31.8	1 1/4	41.3	2W/B	20.5	240	1,340
GT205 38	38.1	1 1/2	48.8	2W/B	20.5	330	1,640

GT410 for water and grout

Hose Brand	Inner Diameter		Outer Diameter (mm)	Reinforcement	Maximum Working Pressure (Mpa)	Minimum Bend Radius (mm)	Weight Per Meter (g)
	(mm)	(Inch)					
GT410 19	19.0	3/4	29.2	2W/B	41.0	160	1,020







1. General Provisions.

- (a) The terms and conditions set out below (the "General Terms and Conditions of Sale") shall form part of all the agreements executed between the **Seller** and the **Buyer** for the supply of the Seller products (the "**Products**").
- (b) The General Terms and Conditions of Sale shall apply to all transaction executed between the Seller and the Buyer without any need of express reference thereto or agreement thereon at the conclusion of such transaction. Any dissenting terms and conditions shall only apply if confirmed in writing by the Seller.
- (c) The Seller reserves the right to change, integrate or vary the General Terms and Conditions of Sale, by including such variations in the quotations or in any other written correspondence sent to the Buyer.

2. Offers and Orders.

- (a) The Seller's offers shall not be binding, in particular with reference to quantities, price and delivery time.
- (b) Orders placed by the Buyer shall not be regarded as accepted before these have been confirmed by the Seller in writing. If the Seller should fail to confirm an agreement in writing which it has entered into verbally, the Seller's invoice or the execution of the order by the Seller shall be regarded as confirmation.
- (c) On the orders with rateable amount lower than € 200, received by the Seller, is added an increase of € 50.
- (d) The costs of package correspond to 0,5% of the rateable amount of the goods indicated on the invoice.
- (e) Orders and/or amendments of orders placed verbally or by telephone, must be confirmed in writing by the Buyer. Otherwise the Seller does not accept any responsibility for errors or consequent misunderstandings.

3. Prices and Terms of Payment.

- (a) The prices of the Products shall exclude any statutory VAT which shall be payable at the date of delivery or pursuant specific provisions included in the invoice. Unless otherwise stated all prices quoted in any document or correspondence issued by the Seller do not include packaging and transport costs, nor the ancillary expenses as indicated in the Seller's sales catalogue in force at the moment of the conclusion of the contract.
- (b) The payment of the Net Invoice Price shall be paid free of any reduction by the Buyer at least within 30 (thirty) days from the date of the receipt of the invoice by the Buyer.
- (c) In addition to other remedies permitted under the applicable law and these General Terms and Conditions of Sale, the Seller reserves the right to recover default interest on delayed payments starting from the due date, calculated at the official reference rate of the European Central Bank increased by 7 (seven) basis points.
- (d) If the Buyer fails to take payments in the time and manner specified by the Seller or the Buyer business shall be operated beyond the ordinary course of business which shall include, without limitation, when seizure or protest has been made, payments shall be delayed or insolvency proceedings shall have been petitioned or opened, the Seller shall have the right to suspend or cancel, at its sole discretion, further delivery and to declare all its claims arising from the business relationship as immediately payable. Moreover the Seller may in such event request for anticipation on the payments or a warranty deposit.
- (e) The Buyer shall have no right to make any compensation, retention or reduction unless the counterclaims have been conclusively determined by the court.

4. Terms of Delivery.

- (a) Unless otherwise agreed, the delivery of the products shall be EXW (Incoterms 2000) F.B. S.r.l. plants.

- (b) The Buyer shall provide the means of transport and shall be responsible for its availability on time. The Seller shall immediately be informed of any delays. Any costs arising thereof shall be at the expense of the Buyer.
- (c) Unless otherwise expressly agreed in writing any indicated time of delivery shall be nonbinding for the Seller. Unless different agreement between the parties, the approximate term for the delivery is the one specified in the confirmation of order.
- (d) The Seller reserves the right to reasonably delivery in instalments.
- (e) Any liability to supply as a result of force majeure or other unforeseen incidents outside the Seller responsibility including, without limitation, strike, lock out, acts of public authorities, subsequent cease of export or import opportunities shall, for their duration and in accordance with their impact, relieve the Seller from the obligation to comply with any agreed time for delivery.
- (f) The Seller is not obliged to accept the Products returns, unless otherwise agreed in writing. Any costs arising thereof shall be at the expense of the Buyer.

5. Duty to Inspection and Acceptance of Products.

- (a) Upon taking possession of the Products, the Buyer shall immediately:
 - (i) check quantities and packaging of the Products and record any objections on the delivery note; and
 - (ii) conduct a conformity check on the Products compared to the data indicated in the confirmation of order and record any objections on the delivery note.
- (b) In case of a notice of defect the Buyer shall comply with the following procedures and deadline:
 - (i) the notification shall be made by no later than 3 (three) working days from the taking possession of the Products by the Buyer. In the event of an objection to a defect which, despite a first inspection has remained undiscovered, the objection must be raised within the early of the expiry of the working day on which the defect has been discovered but in any event by no later than 2 (two) weeks after take over of the Products;
 - (ii) the detailed notice shall be delivered to the Seller within the aforementioned deadlines in writing by fax or email. Any notice by telephone conversation shall not be accepted;
 - (iii) the notice must clearly specify the kind of the alleged defect;
 - (iv) the Buyer agrees to make available for inspection the objected Products; such inspection shall be done by the Seller or by any expert designated by the Seller.
- (c) No objections with regard to the quantities, quality, type, and packaging of the Products shall be possible unless a note has been placed on the delivery note in accordance with the above mentioned procedure.
- (d) Any Product to which objection shall not have been raised in accordance with the procedures and deadlines set out above shall be regarded as approved and accepted by the Buyer.

6. Terms of Warranty.

- (a) The Seller hereby represents and warrants that the Products shall be free from defect and shall comply with the technical specifications forwarded by the Seller
- (b) The Products are guaranteed for a period of 12 (twelve) months from the date of the shipment of the Products themselves for ordinary operations in accordance with specifications forwarded by the Seller.
- (c) Such warranty only includes the substitution or repair of the defective Products with the exclusion of any other and different obligation. The Product will be repaired by the seller at its own office, its secondary office or its own authorised reseller. The Buyer will have to provide with the sending at his own expenses the defective Product to the office, secondary office,

or authorised reseller as indicated by the Seller. The Seller will send to the Buyer the new Product or the repaired Product, bearing therefore the costs of the shipment.

(d) The Seller doesn't accept claims for goods tampered or used improperly.

7. Limitation of Liability.

(a) Unless in case of justified objection which shall have been raised in accordance with the procedure and deadlines set forth in paragraph 5 above, the Buyer shall not be entitled to any further rights or remedies. In particular, the Seller shall not be responsible for any compensation based on breach of contract or default, for any direct or indirect damage or loss of profit due to the use, the inability to use, or the incorporation of the Products in other products, unless under warranties granted in paragraph 6 or in cases of wilful misconduct or gross negligence on the Seller's part.

(b) The Seller shall do its best endeavour to deliver the Products within the time agreed (if any), but it shall not be liable for any loss or damage of any kind whatsoever caused directly or indirectly by any delay in the completion of the contract or delivery of the Products.

(c) Catalogues, price lists or other advertising matters of the seller are only an indication of the type of Products and no prices or other information contained herein shall be binding for the Seller. The Seller does not accept any responsibility for errors or omissions contained in its price lists or promotional matters.

(d) The dimensions, which must be respected peremptorily, must be written from the buyer on the orders.

8. Retention of Title.

(a) The Product supplied shall remain in the property of the Seller until the date of the full payment by the Buyer of the entire price of the Products and of all amounts due to the Seller. Until that time the Buyer shall hold the Products as the Seller's fiduciary agent and shall keep the Product properly stored, protected and insured.

(b) If in the Country of the Buyer's domicile for the validity of the retention of title for the benefit of the Seller it is necessary to fulfil some administrative or legal formalities as, without limitation, to file the Products with the public registers or to affix particular seals on them, the Buyer shall cooperate with the Seller and shall do its best effort for carry out all the necessary actions in order to obtain a valid retention of title right on the Products for the benefit of the seller.

(c) The Buyer shall have the right to dispose of the Products delivered by the Seller or to process them in the ordinary course of the business. In such a case, the proceeds came from the sale or from the process of the Products shall be transferred to the Seller up to the concurrence of the full price due by the Buyer to the Seller for the supply of Products.

(d) The right to the Buyer to dispose of Products or to process them shall cease in the cases referred to in paragraph 3 (d) above. In such a case, the Buyer must place the Products at the disposal of the Seller who shall have the right to enter upon the Buyer's premises for the purpose of obtain the ownership of the Products.

(e) In the event of any third party action against the Seller's Products delivered under retention of title, the Buyer shall notify such party of the Seller's property and shall immediately inform the Seller about such action. The Buyer shall bear the costs of any intervention.

9. Data Protection Law.

(a) The personal data of the Buyer shall be processed in accordance with the Italian data protection law (Legislative Decree 196/2003). The Seller inform the Buyer that the Seller is the data controller and that the Buyer's personal data shall be collected and processed for the only purpose of the

performance of this agreement. Pursuant article 7 of the Italian Legislative Decree 196/2003, the Buyer has the right to ask to the Seller the updating, amendment, integration, writing off and transformation in anonymous form of its data.

10. Applicable Law.

(a) In case of the Buyer is a subject having Italian nationality, the present General Terms and Conditions of Sale and all the agreements executed between the Seller and the Buyer shall be governed by Italian laws.

(b) On the contrary, in case of the Buyer is a subject having a nationality different from the Italian one, the present General Terms and Conditions of Sale and all the agreements executed between the Seller and the Buyer shall be governed by the United Nations Convention of Vienna of 1980 on Contracts for the International Sale of Goods.

11. Jurisdiction.

(a) Any dispute arising between the parties in connection with the interpretation, validity or performance of the present General Terms and Conditions of Sale and of all the relevant agreements, shall be of the exclusive competence of the referred to the Court of Bologna.

(b) It is agreed between parties that the Seller, at its own discretion, may have the faculty to waive the exclusive jurisdiction set forth in paragraph (a) to bring an action against the Buyer in its domicile and before any court of competent jurisdiction.

12. Final Provisions.

(a) The total or partial invalidity of any provision of the present General Terms and Conditions of Sale shall not affect the validity of the other provisions.

(b) The present General Terms and Conditions of Sale have been drafted in both Italian and English languages. In case of problems of interpretation the Italian version shall prevail.

F.B. s.r.l.

1. Disposizioni Generali.

(a) I termini e le condizioni qui di seguito indicati (le "Condizioni Generali di Vendita") formano parte integrante dei contratti conclusi tra il **Venditore** e l'**Acquirente** per la fornitura dei prodotti del Venditore (i "**Prodotti**").

(b) Le Condizioni Generali di Vendita si applicano a tutte le transazioni concluse tra il Venditore e l'Acquirente senza la necessità che vi sia un espresso richiamo alle stesse o uno specifico accordo in tal senso alla conclusione di ogni singola transazione. Qualsiasi condizione o termine differente trova applicazione soltanto se confermato per iscritto da parte del Venditore.

(c) Il Venditore si riserva il diritto di modificare, integrare o variare le Condizioni Generali di Vendita, allegando tali variazioni alle offerte ovvero a qualsivoglia corrispondenza inviata per iscritto all'Acquirente.

2. Offerte e Ordini.

(a) Le offerte del Venditore non sono da considerarsi vincolanti, in particolare con riferimento alle quantità, ai prezzi e ai termini di consegna.

(b) Gli ordini effettuati dall'Acquirente non s'intendono accettati finché non siano stati confermati per iscritto da parte del Venditore. Nel caso in cui il Venditore non provveda alla conferma per iscritto di un ordine negoziato verbalmente, l'emissione della fattura da parte del Venditore oppure l'esecuzione dell'ordine da parte del Venditore sarà considerata quale conferma.

(c) Agli ordini ricevuti dal Venditore con valore imponibile inferiore ad € 200,00 viene praticato un aumento forfetario di € 50.

(d) I costi di imballo corrispondono allo 0,5% del valore imponibile delle merci indicato in fattura.

(e) Gli ordini e/o le modifiche di ordini effettuati verbalmente o telefonicamente devono essere confermati per iscritto da parte dell'Acquirente. In caso contrario il Venditore non si assume alcuna responsabilità con riguardo a eventuali errori o possibili fraintendimenti.

3. Prezzi e Termini di Pagamento.

(a) I Prezzi dei Prodotti non sono comprensivi di IVA, che deve essere corrisposta al momento della consegna o in conformità alle specifiche disposizioni indicate nella fattura. A meno che non sia diversamente precisato, tutti i prezzi indicati in qualsivoglia documento o corrispondenza emessi dal Venditore si intendono non comprensivi dei costi di imballaggio e di trasporto, né degli oneri accessori indicati nel catalogo del Venditore in vigore al momento della conclusione del contratto.

(b) Il pagamento del Prezzo Netto indicato in fattura deve essere effettuato privo di qualsivoglia riduzione al più tardi entro 30 (trenta) giorni dalla data di ricevimento della fattura da parte dell'Acquirente.

(c) In aggiunta agli altri rimedi consentiti dalla legge applicabile o dalle presenti Condizioni Generali di Vendita, si riserva il diritto di applicare interessi di mora sui ritardati pagamenti a decorrere dalla data in cui sia maturato il diritto al pagamento, calcolati al tasso ufficiale di riferimento della Banca Centrale Europea aumentato di 7 (sette) punti.

(d) Nel caso in cui l'Acquirente non effettui il pagamento nei termini e secondo le modalità indicate dal Venditore o nel caso in cui l'attività dell'acquirente sia condotta non in conformità al corso ordinario degli affari, con ciò intendendosi, senza alcuna limitazione, l'emissione di atti di sequestro o di protesti, o quando i pagamenti siano stati ritardati o siano state richieste o promosse procedure concorsuali, il Venditore ha il diritto, a propria discrezione, di sospendere o di cancellare ulteriori consegne e di dichiarare qualsiasi pretesa derivante dal rapporto d'affari come immediatamente esigibile. Inoltre il Venditore può in tali casi richiedere anticipi sui pagamenti o un deposito in garanzia.

(e) L'Acquirente non ha alcun diritto di effettuare alcuna compensazione, trattenuta o riduzione tranne che nel caso in cui la propria domanda in tal senso sia stata definitivamente e giudizialmente accolta.

4. Termini di Consegna.

(a) Se non diversamente concordato, la consegna dei Prodotti si intende pattuita EXW (Incoterms 2000) stabilimento F.B. Srl

(b) L'Acquirente provvede al mezzo di trasporto ed è responsabile per la sua disponibilità entro il termine pattuito. Il Venditore deve essere immediatamente informato di ogni ritardo. Qualsiasi costo da ciò derivante è a carico dell'Acquirente.

(c) Se non diversamente concordato per iscritto, qualsiasi termine di consegna indicato non è vincolante per il Venditore. Salvo diverso accordo tra le parti, il termine di consegna indicativo è quello precisato nella conferma d'ordine.

(d) Il Venditore si riserva il diritto di effettuare ragionevolmente consegne parziali.

(e) Qualsiasi responsabilità per la consegna derivante da forza maggiore o da altri eventi imprevedibili non imputabili al Venditore, ivi inclusi, senza alcuna limitazione, scioperi, serrate, disposizioni della pubblica amministrazione, successivi blocchi delle possibilità di esportazione o importazione, in considerazione della loro durata e della loro portata, liberano il Venditore dall'obbligazione di rispettare qualsiasi termine di consegna pattuito.

(f) Il Venditore non è obbligato ad accettare resi dei prodotti, salvo che sia stato espressamente pattuito per iscritto. Qualsiasi costo a tal fine sostenuto è a carico dell'Acquirente.

5. Doveri di Ispezione e Accettazione dei Prodotti.

(a) Al momento della presa in consegna dei Prodotti, l'Acquirente dovrà immediatamente:

(I) verificare le quantità e l'imballaggio dei Prodotti e registrare qualsiasi obiezione nella nota di consegna;

(II) effettuare un controllo di conformità dei Prodotti rispetto a quanto indicato nella conferma d'ordine e registrare qualsiasi difformità nella nota di consegna.

(b) Nel caso di denuncia di vizi l'Acquirente deve rispettare le procedure e i termini che seguono:

(I) la comunicazione deve essere effettuata entro non più di 3 (tre) giorni lavorativi a partire dalla presa in consegna dei Prodotti da parte dell'Acquirente. Nel caso in cui la contestazione sia relativa ad un vizio che, nonostante l'ispezione iniziale, sia rimasto celato, la contestazione deve essere effettuata al più presto entro la fine del giorno lavorativo in cui il vizio sia stato scoperto e, in ogni caso, non più tardi di 2 (due) settimane dalla presa in consegna dei Prodotti;

(II) la comunicazione dettagliata deve essere inoltrata al Venditore entro i termini sopra indicati a mezzo fax. Qualsiasi comunicazione effettuata telefonicamente non viene accettata;

(III) la comunicazione deve chiaramente specificare la tipologia dei vizi addotti;

(IV) l'Acquirente acconsente a mettere a disposizione i Prodotti contestati perché vengano ispezionati; tale ispezione verrà effettuata dal Venditore o da un perito nominato dal Venditore.

(c) Nessuna contestazione con riferimento alle quantità, alla qualità, alla tipologia e all'imballaggio dei Prodotti potrà essere effettuata salvo che attraverso la comunicazione apposta alla nota di consegna, conformemente alla procedura sopra indicata.

(d) Qualsiasi Prodotto per il quale non sia stata sollevata alcuna contestazione conformemente alle procedure e ai termini qui sopra indicati viene considerato approvato e accettato dall'Acquirente.

6. Termini di Garanzia.

(a) Il Venditore garantisce che i Prodotti sono esenti da vizi e conformi alle specifiche tecniche dichiarate dal Venditore.

(b) I Prodotti sono garantiti per un periodo di 12(dodici) mesi dalla data di spedizione dei Prodotti stessi per un funzionamento ordinario secondo le specifiche dichiarate dal Venditore.

(c) Tale garanzia comprende unicamente la sostituzione o riparazione dei Prodotti difettosi con esclusione di ogni ulteriore e diversa obbligazione. Il Prodotto verrà riparato dal

Venditore presso la propria sede, la propria filiale o il proprio rivenditore autorizzato. L'Acquirente dovrà provvedere ad inviare a proprie spese il Prodotto difettoso presso la sede, filiale o rivenditore autorizzato indicati dal Venditore. Il Venditore invierà all'Acquirente il nuovo Prodotto o il Prodotto riparato, sostenendo i costi della spedizione.

(d) Il Venditore non accetta reclami per materiale manomesso o utilizzato in modo improprio.

7. Limitazione della Responsabilità.

(a) Tranne che nei casi di giustificata contestazione sollevati conformemente a quanto previsto nel precedente paragrafo 5, all'Acquirente non è riconosciuto alcun ulteriore diritto o rimedio. In particolare, il Venditore non è responsabile per alcun indennizzo richiesto per violazione o inadempimento contrattuale, per qualsiasi danno diretto o perdita di profitto sopportato dall'Acquirente in conseguenza dell'uso, del mancato uso, o dell'installazione dei Prodotti in altri prodotti, ad eccezione dei casi coperti da garanzia indicati nel paragrafo 6 o in caso di dolo o colpa grave da parte del Venditore.

(b) Il Venditore farà tutto quanto in suo potere per consegnare i Prodotti entro i termini eventualmente concordati, ma in nessun caso potrà essere chiamato a rispondere dei danni direttamente o indirettamente causati dalla ritardata esecuzione di un contratto o dalla ritardata consegna dei Prodotti.

(c) I cataloghi, i listini prezzi o altro materiale promozionale del Venditore costituiscono soltanto una indicazione della tipologia dei Prodotti e dei prezzi e le indicazioni ivi indicate non sono vincolanti per il Venditore. Il Venditore non si assume alcuna responsabilità per errori od omissioni contenuti nei propri listini prezzi o nel proprio materiale promozionale.

(d) Le quote dimensionali da rispettarsi tassativamente devono essere esplicitamente indicate per iscritto dall'Acquirente sugli ordini.

8. Riserva di Proprietà.

(a) I Prodotti forniti rimangono di piena proprietà del Venditore fino alla data in cui l'Acquirente non abbia provveduto al pagamento dell'intero prezzo degli stessi e di tutte le somme dovute al Venditore. Fino a tale momento l'Acquirente conserva i prodotti in qualità di possessore fiduciario del Venditore e deve custodire i Prodotti adeguatamente immagazzinati, protetti e assicurati.

(b) Nel caso in cui nel paese in cui l'Acquirente ha il proprio domicilio per la validità della riserva di proprietà a favore del Venditore sia necessario l'espletamento di formalità amministrative o legali quali, senza alcuna limitazione, la registrazione dei Prodotti in pubblici registri, ovvero l'apposizione sugli stessi di appositi sigilli, l'Acquirente si impegna fin d'ora a collaborare con il Venditore e a porre in essere tutti gli atti necessari al fine di far ottenere a quest'ultimo un valido diritto con riferimento alla riserva di proprietà.

(c) L'Acquirente ha il diritto di disporre dei Prodotti fornitigli o di utilizzare gli stessi nelle lavorazioni nel corso dello svolgimento ordinario della sua attività. In tal caso, i proventi derivanti dalla vendita o dalla lavorazione dei Prodotti verranno trasferiti al Venditore fino alla concorrenza del prezzo dovuto dall'Acquirente al Venditore per la fornitura dei Prodotti.

(d) Il diritto dell'Acquirente di disporre dei Prodotti o di utilizzare gli stessi nel corso dello svolgimento ordinario della sua attività verrà meno nei casi indicati nel paragrafo 3 sopra indicato. In tal caso l'Acquirente dovrà mettere i Prodotti a disposizione del Venditore, che potrà accedere alla sede dell'Acquirente per ottenere il possesso degli stessi.

(e) Nell'ipotesi di azioni esercitate da terzi nei confronti dei Prodotti del Venditore forniti e assoggettati alla riserva di proprietà, l'Acquirente dovrà comunicare ai terzi il fatto che gli stessi sono di proprietà del Venditore e dovrà informare immediatamente il

Venditore di tale azione. L'Acquirente sosterrà tutti i costi relativi a ciascun intervento.

9. Trattamento dei Dati Personali.

(a) I dati personali dell'Acquirente saranno trattati secondo quanto disposto dalla legge italiana in materia di trattamento dei dati personali (Decreto Legislativo 196/2003). Il Venditore informa l'Acquirente che il Venditore è il titolare del trattamento e che i dati personali dell'Acquirente vengono raccolti e trattati esclusivamente per l'esecuzione del presente accordo. Ai sensi dell'articolo 7 del D. Lgs. 196/2003, l'Acquirente ha il diritto di richiedere al Venditore l'aggiornamento, la rettifica, l'integrazione, la cancellazione e la trasformazione in forma anonima dei propri dati.

10. Legge Applicabile.

(a) Qualora l'Acquirente sia un soggetto di diritto Italiano, le presenti Condizioni Generali di Vendita e tutti i contratti stipulati da quest'ultimo con il Venditore s'intendono regolati dalla legge Italiana.

(b) Qualora invece l'Acquirente sia un soggetto di nazionalità diversa da quella italiana, le presenti Condizioni Generali di Vendita e tutti i contratti stipulati da quest'ultimo con il Venditore s'intendono regolati dalla Convenzione di Vienna del 1980 relativa ai Contratti di Vendita Internazionale di Beni Mobili.

11. Foro Competente.

(a) Qualsiasi controversia insorta tra le parti a seguito dell'interpretazione, validità o esecuzione delle presenti Condizioni Generali di Vendita e dei relativi contratti stipulati sarà devoluta alla competenza esclusiva del Tribunale di Bologna.

(b) Resta inteso tra le parti che soltanto il Venditore, a propria discrezione, avrà la facoltà di rinunciare alla competenza del foro esclusivo di cui al precedente paragrafo (a) per agire in giudizio nei confronti dell'Acquirente, al suo domicilio e presso il Tribunale ivi competente.

12. Disposizioni Finali.

(a) L'invalidità in tutto o in parte di singole disposizioni delle presenti Condizioni Generali di Vendita non inficia la validità delle restanti previsioni.

(b) Le presenti Condizioni Generali di vendita sono redatte in duplice lingua italiana e inglese. In caso sorgessero dubbi interpretativi prevarrà la versione in italiano.

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