



Catalogue
Catalogo



website: www.fb-channel.net

Edition: 2018



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-LOCK FITTINGS**
RACCORDI DRY-LOCK**ADAPTORS**
ADATTATORI**HYDRAULIC HOSES**
TUBI IDRAULICI**ASSEMBLED HOSES**
TUBI FLESSIBILI RACCORDATI**RIGID PIPES**
TUBI RIGIDI SAGOMATI**ASSEMBLED PARTS**
PARTI ASSEMBLATE**COMPONENTS**
COMPONENTI

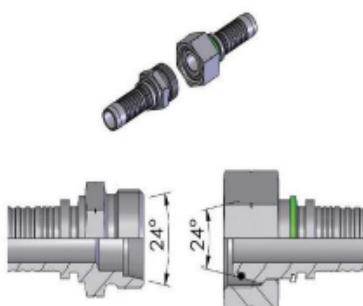
TECHNICAL SHEETS
SCHEDE TECNICHE *

TECHNICAL SHEETS



METRIC - METRICO 24°

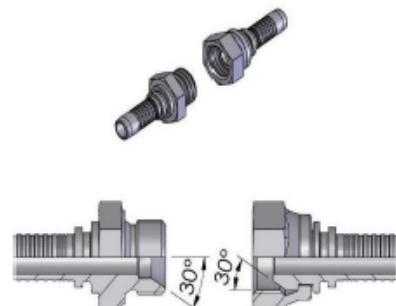
LIGHT - SERIE LEGGERA



HEAVY - SERIE PESANTE



BSP 60°



Thread
Flettatura

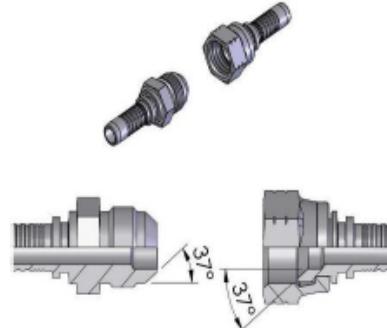
Torque - Coppie
+10%
Nm - 0%

Working pressure
Pressione di esercizio

ISO 8434-6

Ref.			
06	1/8-28	10	350
08	1/4-19	20	350
10	3/8-19	35	350
12	1/2-14	60	315
15	5/8-14	70	315
18	3/4-14	115	250
22	1"-11	140	200
28	1 1/4-11	210	160
35	1 1/2-11	290	125
42	2"	-	80

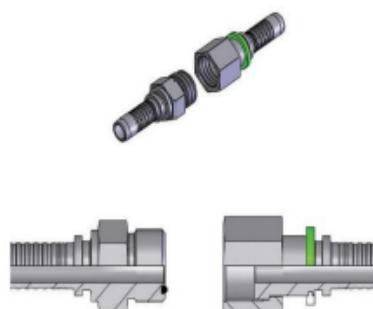
JIC 37°



JIC 37°

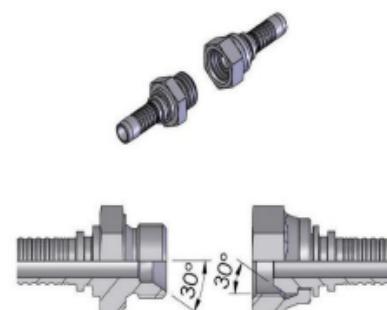
Thread Flettatura	Torque - Coppie +10% Nm - 0%	Working pressure Pressione di esercizio
7/16-20	ISO 8434-2	350
1/2-20	15	350
9/16-18	24	350
3/4-18	49	310
7/8-14	77	240
1 1/16-12	107	240
1 3/16-12	118	210
1 5/16-12	147	210
1 5/8-12	172	170
1 7/8-12	215	140
2 1/2	-	105

ORFS



Thread Flettatura	Torque - Coppie +10% Nm - 0%	Working pressure Pressione di esercizio
9/16-18	ISO 8434-3	630
11/16-16	40	630
13/16-16	55	630
1"-14	60	400
1 3/16-12	90	400
1 7/16-12	125	400
1 11/16-12	170	250
2"-12	200	250

METRIC - METRICO 60°



Thread Flettatura	Torque - Coppie +10% Nm - 0%
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



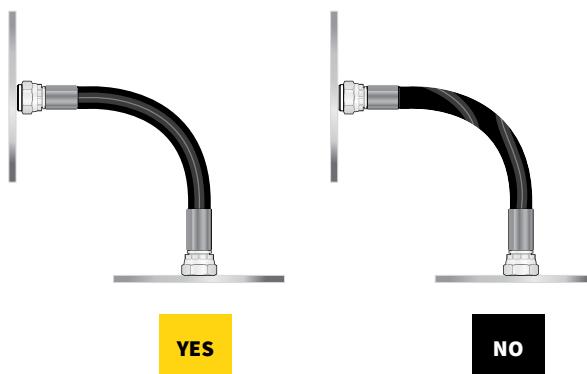
Inside Ø Ø interno	Hose type Tubo	1SNK EXCEEDS EN 857 1SC - SAE 100 R17	2SNK EXCEEDS EN 857 2SC - SAE 100 R16-S	EN 853 1SN - SAE 100 R15	EN 853 2SN - SAE 100 R25	SPC3	DIN EN 853 1 SNEHT HIGH TEMPERATURE	DIN EN 857 2 SC ANTIABRASION	DIN EN 856 4 SP - SAE 100 R9R	DIN EN 856 4 SH	SAE 100 R13	SAE 100 R15	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 1 SN JET WASH / IDROPULITRICE	DIN EN 853 2 SN JET WASH / IDROPULITRICE	DIN EN 853 1 SN JET WASH BLUE / IDROPULITRICE BLU	DIN EN 853 2 SN JET WASH BLUE
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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	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
3/16	5	03												210	210	350	350	325	325	200	34						
1/4	6	04	290	450	225	400		225	400					200	200	350	350	300	300	145	28	10		250	400	250	400
5/16	8	05	250	420	215	350		215	350					190	190	325	325	240	240	120	28	10		220	400	220	400
3/8	10	06	230	385	180	330	500	180	330	445				175	175	280	280	225	225	115	28	10		220	400	220	400
1/2	12	08	200	345	160	275	470	160	275	425				140	140	245	245	190	190	80	28	10		220	400	220	400
5/8	16	10	150	290	130	250	410	130	250	350				105	105	195	195	150	150		24	10		130		130	
3/4	19	12	125	280	105	215	375	105	215	350	430	350	420	90	90	162	162	130	130		21	10	27				
1"	25	16	110	200	88	165	310	88	165	320	400	350	420	70	70	145	145	105	105		9	10	17				
1"1/4	31	20	100	175	63	125		63		210	360	350	420										14				
1"1/2	38	24			50	90		50		185	290	350	420										10				
2"	51	32			40	80		40		165	250	350											7				

Bend radius - Raggio di curvatura minimo (mm)

3/16	5	03												35	35	35	35	30	30	45	50							
1/4	6	04	40	45	100	100		100	75					50	50	50	50	40	40	60	65			100	100	100	100	
5/16	8	05	55	60	115	115		115	85					55	55	60	60	50	50	75	80			115	115	115	115	
3/8	10	06	65	70	125	125	120	125	90	180				75	75	80	80	60	60	90	80			125	125	125	125	
1/2	12	08	80	90	180	180	160	180	130	230				95	95	95	95	75	75	120	100			180	180	180	180	
5/8	16	10	105	130	200	200	210	200	170	250				125	125	125	125	110	110	125	125			200		200		
3/4	19	12	120	160	240	140	260	240	200	300	210	240	265	150	150	150	150	150	150	150	150		95					
1"	25	16	160	210	300	300	310	300	250	340	220	300	330	200	200	200	200	185	185	185	170		125					
1"1/4	31	20	300	300	420	420		420		460	240	420	445										160					
1"1/2	38	24			500	500		500		560	560	500	530										200					
2"	51	32			630	630		630		660	700	630											255					

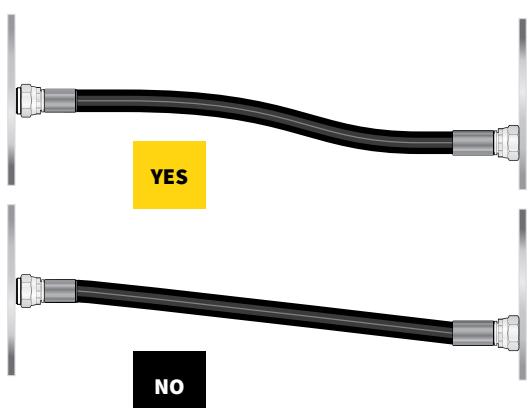


TORSION

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.

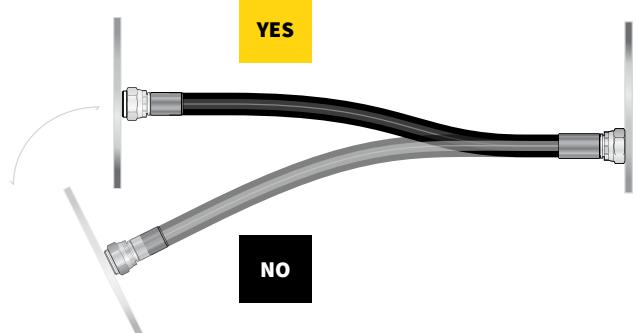


LENGTH VARIATIONS

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%).

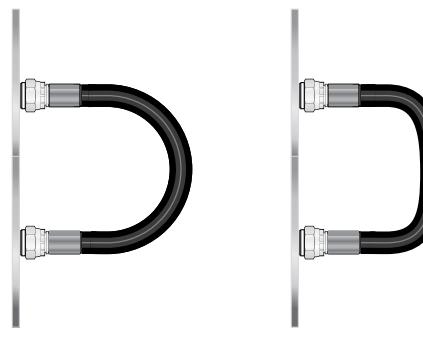


ASSEMBLED HOSE IN MOTION

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.



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.



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 di 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

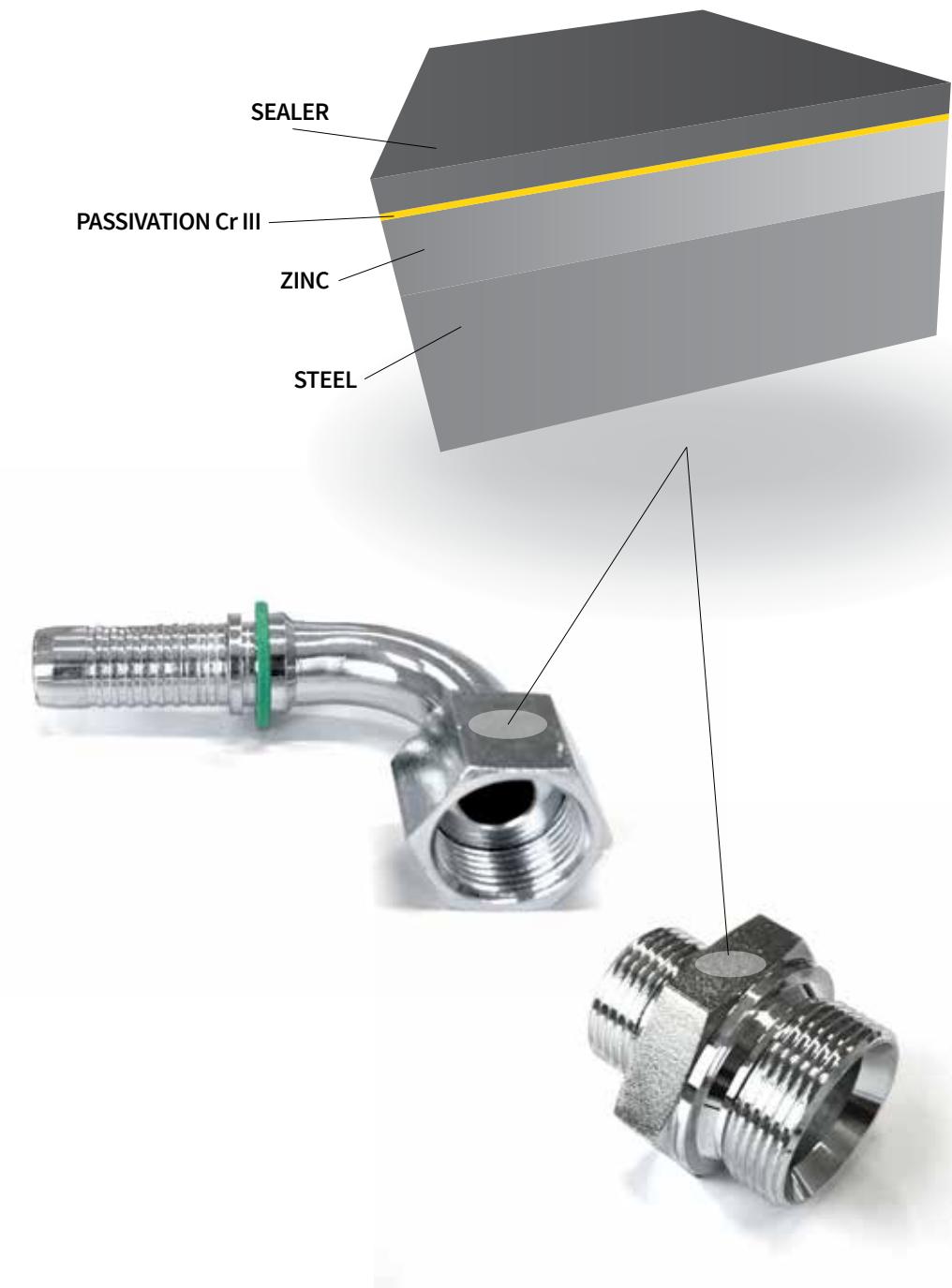
Lo spessore totale di questi depositi è:

- 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





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CATALOGUE

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290

4 COMPONENTS - COMPONENTI



1a

DRY-FIT FITTINGS RACCORDI DRY-FIT

DRY-FIT

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:

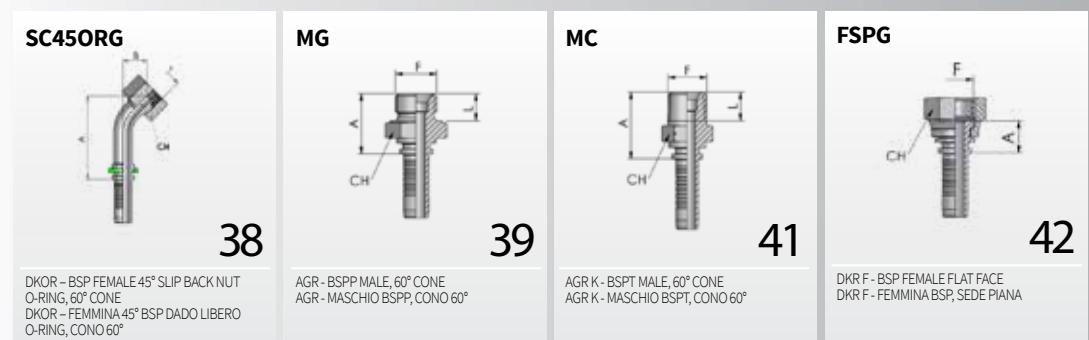
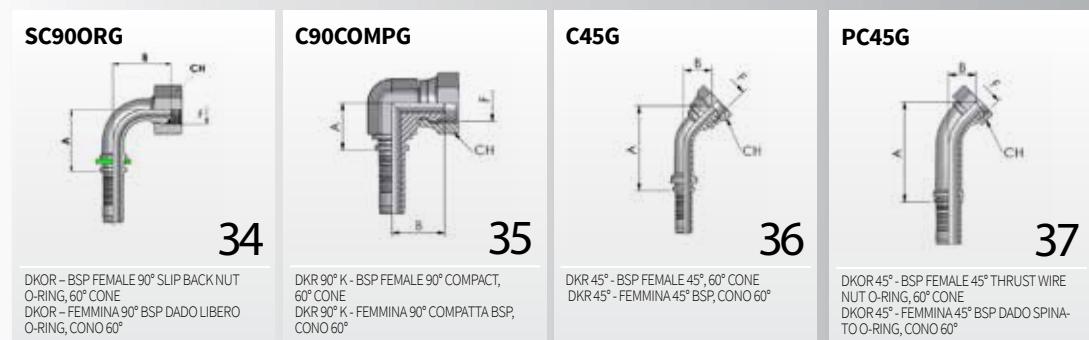
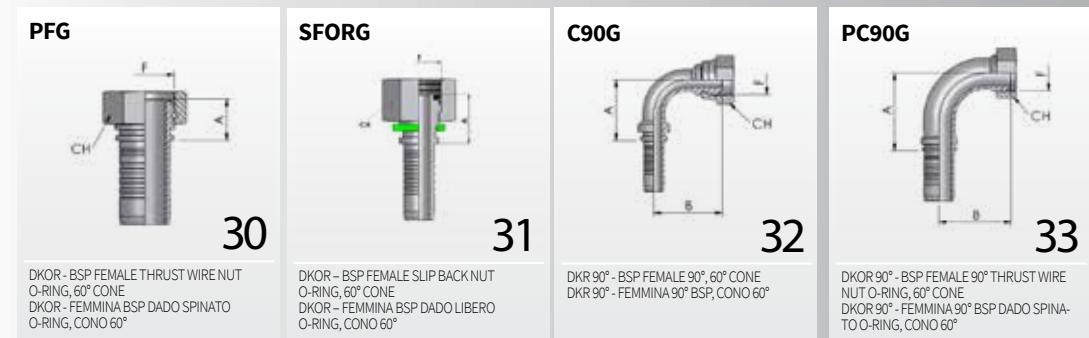
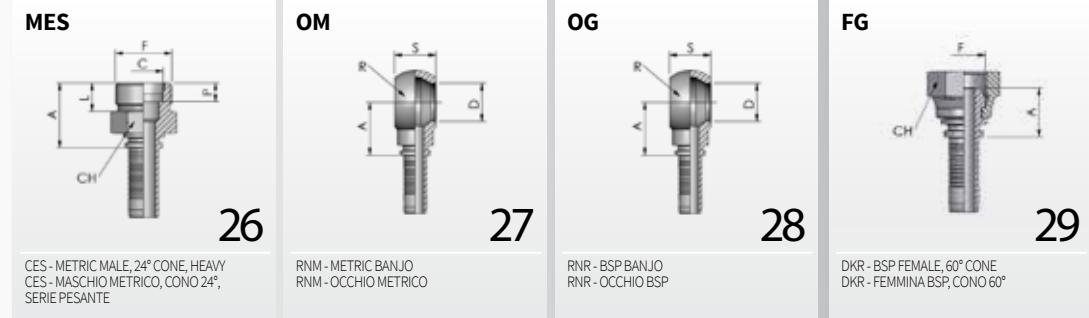
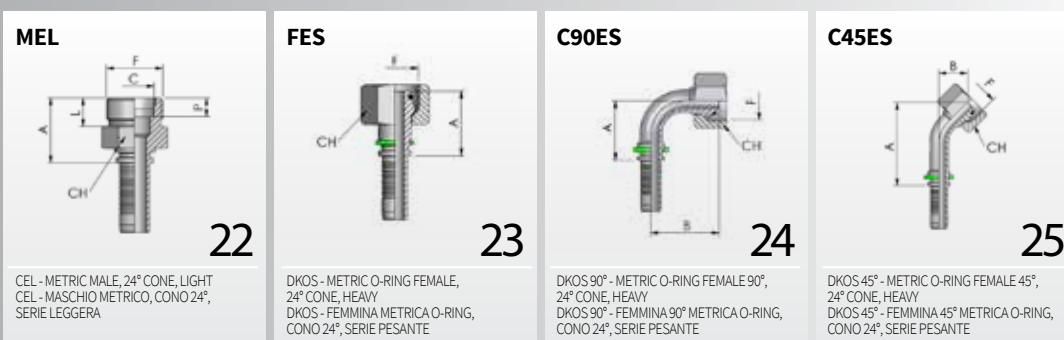
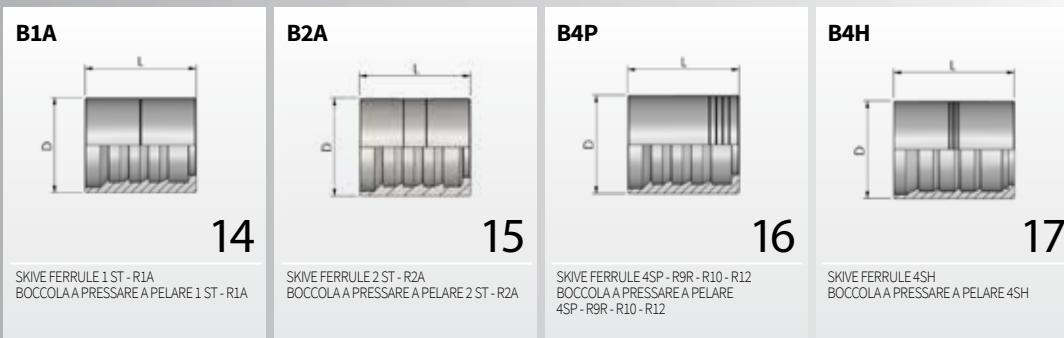
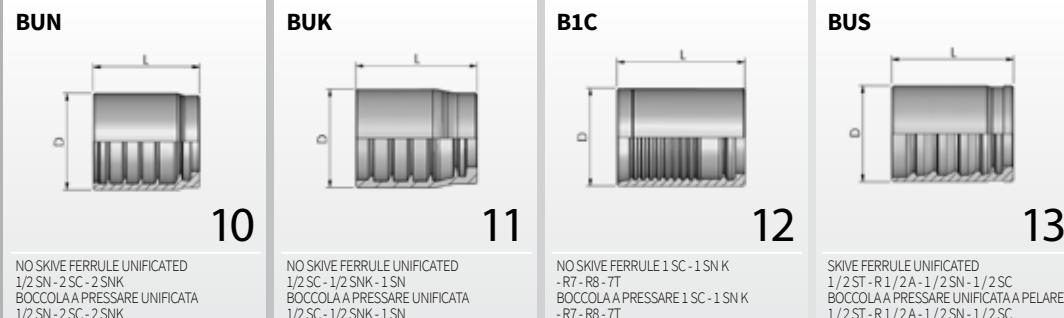
- Slows down the aging process and hardening of the inner lining.
- Increases the resistance of the bent hose.
- Eliminates leakage of a cooled hose.
- Easy to crimp.

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.

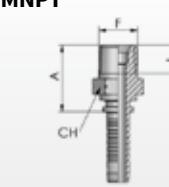
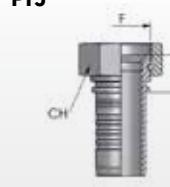
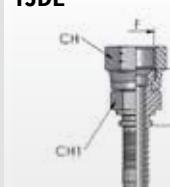
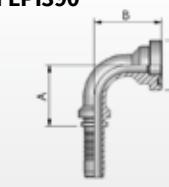
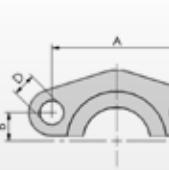
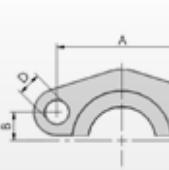
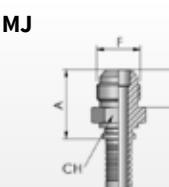
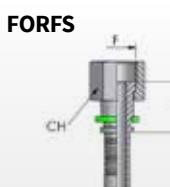
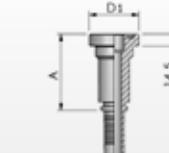
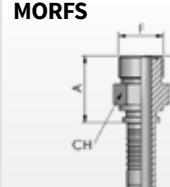
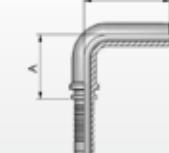
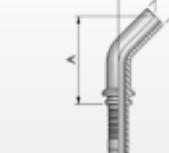
I principali vantaggi del DRY-FIT:

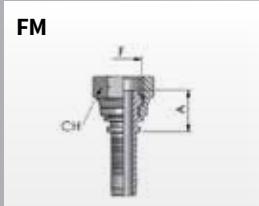
- Rallenta il processo di invecchiamento e indurimento del sottostrato
- Aumenta la resistenza del tubo in flessione
- Elimina i trafileamenti a freddo
- Semplifica di pressatura

1a DRY-FIT FITTINGS - RACCORDI DRY-FIT

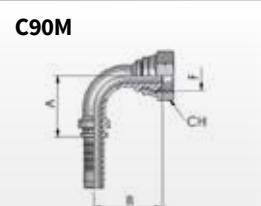


1a DRY-FIT FITTINGS - RACCORDI DRY-FIT

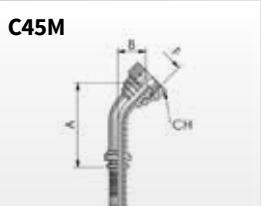
MNPT  43	FJ  44	PJ  45	FJDE  46	FLPI3  59	FLPI6  60	FLPI390  61	FLPI690  62
AGN - NPTF MALE AGN - MASCHIO NPTF	DJK - JIC FEMALE, 37° CONE DKJ - FEMMINA JIC, CONO 37°	DKJ - JIC FEMALE THRUST WIRE NUT, 37° CONE DKJ - FEMMINA JIC DADO SPINATO, CONO 37°	DKJ - JIC FEMALE DOUBLE HEXAGON, 37° CONE DKJ - FEMMINA DOPPIO ESAGONO, CONO 37°	SFL - SAE FLANGE 3000 PSI SFL - FLANGIA SAE 3000 PSI	SFS - SAE FLANGE 6000 PSI SFS - FLANGIA SAE 6000 PSI	SFL 90° - SAE FLANGE 90° 3000 PSI SFL 90° - FLANGIA SAE 3000 PSI	SFS 90° - SAE FLANGE 90° 6000 PSI SFS 90° - FLANGIA SAE 6000 PSI
C90J  47	PC90J  48	C45J  49	PC45J  50	FLPI345  63	FLPI645  64	SEM3  65	SEM6  66
DKJ 90° - JIC FEMALE 90°, 37° CONE DKJ 90° - FEMMINA 90° JIC, CONO 37°	DKJ 90° - JIC FEMALE 90° THRUST WIRE NUT, 37° CONE DKJ 90° - FEMMINA 90° JIC DADO SPINATO, CONO 37°	DKJ 45° - JIC FEMALE 45°, 37° CONE DKJ 45° - FEMMINA 45° JIC, CONO 37°	DKJ 45° - JIC FEMALE 45° THRUST WIRE NUT, 37° CONE DKJ 45° - FEMMINA 45° JIC DADO SPINATO, CONO 37°	SFL 45° - SAE FLANGE 45° 3000 PSI SFL 45° - FLANGIA 45° SAE 3000 PSI	SFS 45° - SAE FLANGE 45° 6000 PSI SFS 45° - FLANGIA 45° SAE 6000 PSI	SAE SPLIT FLANGE 3000 PSI SEMIFLANGIA SAE 3000 PSI	SAE SPLIT FLANGE 6000 PSI SEMIFLANGIA SAE 6000 PSI
MJ  51	FORFS  52	FORFSDE  53	C90ORFS  54	SEMI3  67	SEMI6  68	FLPIR6  69	FLPIR690  70
AGJ - JIC MALE, 37° CONE AGJ - MASCHIO JIC, CONO 37°	DKO - ORFS FEMALE DKO - FEMMINA ORFS	DKO - ORFS FEMALE DOUBLE HEXAGON DKO - FEMMINA DOPPIO ESAGONO ORFS	DKO 90° - ORFS FEMALE 90° DKO 90° - FEMMINA 90° ORFS	SAE UNCUT FLANGE 3000 PSI SEMIFLANGIA INTERA SAE 3000 PSI	SAE UNCUT FLANGE 6000 PSI SEMIFLANGIA INTERA SAE 6000 PSI	SFC - SUPERCAT FLANGE SFC - FLANGIA SUPERCAT	SFC 90° - SUPERCAT FLANGE 90° SFC 90° - FLANGIA 90° SUPERCAT
CM90ORFS  55	CL90ORFS  56	C45ORFS  57	MORFS  58	FLPIR645  61	COD  62	COD90  74	COD45  76
DKO 90° - ORFS MEDIUM DROP FEMALE 90° DKO 90° - FEMMINA 90° ORFS MEDIA	DKO 90° - ORFS LONG DROP FEMALE 90° DKO 90° - FEMMINA 90° ORFS LUNGA	DKO 45° - ORFS FEMALE 45° DKO 45° - FEMMINA 45° ORFS	AGO - ORFS MALE AGO - MASCHIO ORFS	SFC 45° - SUPERCAT FLANGE 45° SFC 45° - FLANGIA 45° SUPERCAT	BEL/BES - METRIC STANDPIPE BEL/BES 90° - CODODO METRICO 90°	BEL/BES 90° - METRIC STANDPIPE 90° BEL/BES 90° - CODODO METRICO 90°	BEL/BES 45° - METRIC STANDPIPE 45° BEL/BES 45° - CODODO METRICO 45°



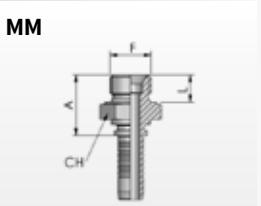
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DKM - METRIC FEMALE, 60° CONE
DKM - FEMMINA METRICA, CONO 60°

79

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

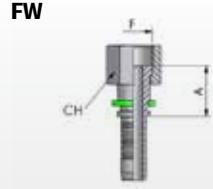
80

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

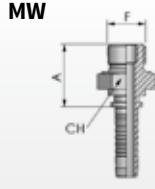
81

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

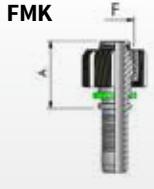
82

HOSE JUNCTION
GIUNZIONE PER TUBI FLESSIBILI

83

CO² FEMALE WHITWORTH
FEMMINA CO² WITHWORTH

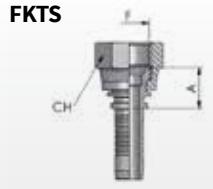
84

CO² MALE WHITWORTH
MASCHIO CO² WITHWORTH

85

JET WASH FITTING K
FEMMINA IDROPULITRICE K

86

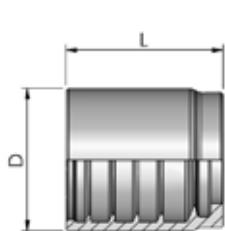
WELDING INSERT
INSERTO A SALDARE

87

JISK - JIS KOMATSU FEMALE
JISK - FEMMINA JIS KOMATSU

88

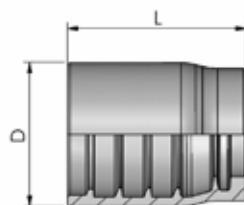
JIST - JIS TOYOTA FEMALE
JIST - FEMMINA JIS TOYOTA



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



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 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

Notes:

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

Note:

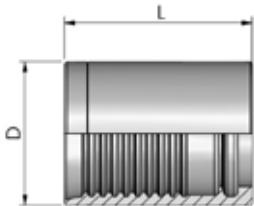
BOCCOLA PER TUBO:
DIN EN 857 1/2SC
1/2SNK PREMIUM
DIN EN 853 1SN

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

FERRULES
BOCCOLE

B1C

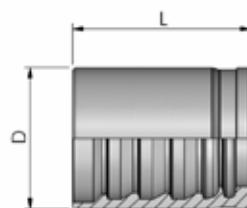
NO SKIVE FERRULE 1 SC - 1 SN K - R7 - R8 - 7T
BOCCOLA A PRESSARE 1 SC - 1 SN K - R7 - R8 - 7T



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



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

Note:

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

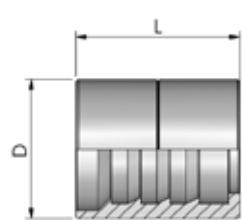
Notes:

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.	Hose Type Tipo Tubo
	Inch/Pollici	DN (mm)	D	L	mm	
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:

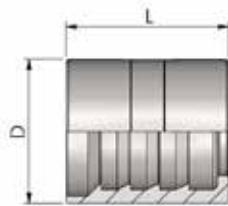
BOCCOLA PER TUBO:
DIN EN 853 1/2ST - 1/2 SN
SAE 100 R1/2A
DIN EN 857 1/2SC



FERRULES
BOCCOLE

B1A

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



FERRULES
BOCCOLE

B2A

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

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est.	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

Notes

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

Note

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

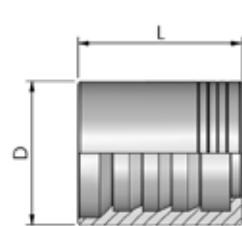
Notes

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

Note

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

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel. est.	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

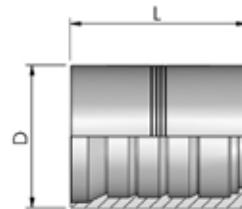


FERRULES
BOCCOLE

B4P

SKIVE FERRULE 4SP - R9R - R10 - R12 - ISO210 - ISO280 - ISO350 - ISO420

BOCCOLA A PRESSARE A PELARE 4SP - R9R - R10 - R12 - ISO210 - ISO280 - ISO350 - ISO420



FERRULES
BOCCOLE

B4H

SKIVE FERRULE 4SH

BOCCOLA A PRESSARE A PELARE 4SH

Notes:

FERRULE FOR HOSE:

DIN EN 856 4SP
SAE 100 R9R
SAE 100 R10
SAE 100 R12
ISO210 (DN 51)
ISO280 (DN16,19;25;51)
ISO350 (DN12,16;19;25;32;38;51)
ISO420 (DN12,16;19;25;51)

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel.est.	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	32	44	32	R9R-4SP
B4P12	3/4	19	38	46	30	R9R-4SP-4SH
B4P16	1"	25	46	54	38	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
ISO210 (DN 51)
ISO280 (DN16,19;25;51)
ISO350 (DN12,16;19;25;32;38;51)
ISO420 (DN12,16;19;25;51)

Notes:

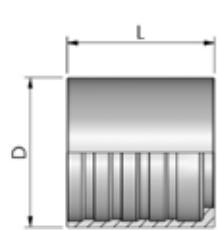
FERRULE FOR HOSE:

DIN EN 856 4SH

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ext. Pel.est.	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:

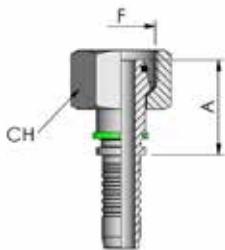
BOCCOLA PER TUBO:
DIN EN 856 4SH



FERRULES
BOCCOLE

BR4

NO SKIVE FERRULE R4
BOCCOLA A PRESSARE R4



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

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	

Notes:

FERRULE FOR HOSE:
SAE 100 R4

Notes:

* CRIMPED NUT

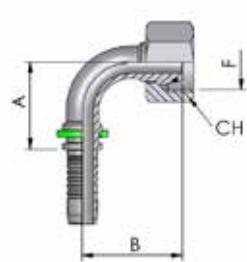
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
	F	Inch/Pollici	DN (mm)	mm	CH	A
FEL0603	M12x1,5	3/16	5	6	14	22,2
FEL0604*	M12x1,5	1/4	6	6	14	26,5
FEL0803	M14x1,5	3/16	5	8	17	22,2
FEL0804	M14x1,5	1/4	6	8	17	22,4
FEL1004	M16x1,5	1/4	6	10	19	24,6
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

Note:

BOCCOLA PER TUBO:
SAE 100 R4

Note:

* DADO PINZATO



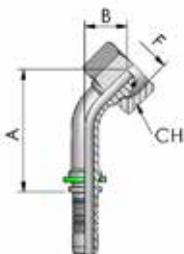
METRIC FITTINGS 24°
INSERTI METRICI 24°

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici		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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici		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

Notes

* CRIMPED NUT

Note

* DADO PINZATO

Notes

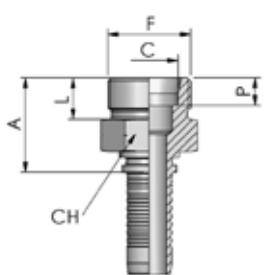
* CRIMPED NUT

** WHILE STOCKS LAST

Note

* DADO PINZATO

** ARTICOLO IN ESAURIMENTO



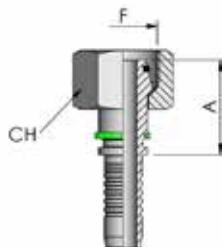
METRIC FITTINGS 24°
INSERTI METRICI 24°

MEL

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

Thread -Filetto: METRIC
Norme - Norma: DIN 3861

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)				
		F	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	



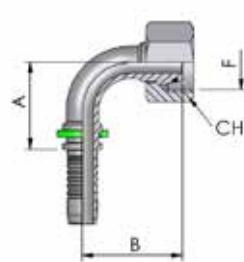
METRIC FITTINGS 24°
INSERTI METRICI 24°

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		F	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

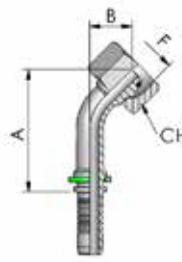
Thread -Filetto: METRIC
Norme - Norma: DIN 3865

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici		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

Notes:

* CRIMPED NUT

** WHILE STOCKS LAST



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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici		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**	M42x2	1"1/4	32	30	50	140	45
C45ES3820	M52x2	1"1/4	32	38	60	146	38

Notes:

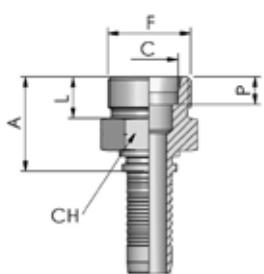
* CRIMPED NUT

** WHILE STOCKS LAST

Note:

* DADO PINZATO

** ARTICOLO IN ESAURIMENTO



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

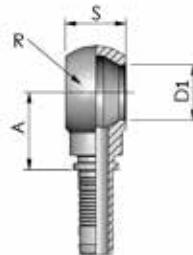
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)				
		F	Inch/Pollici		DN (mm)	mm	CH	A	P
MES0604	M14x1,5	1/4	6	6	14	23,9	7	12	
MES0804	M16x1,5	1/4	6	8	17	26,9	7	12	
MES1004	M18x1,5	1/4	6	10	19	26,9	7,5	12	
MES1005	M18x1,5	5/16	8	10	19	26,9	7,5	12	
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	

Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO



BANJO FITTINGS
INSERTI AD OCCHIO

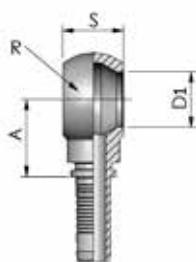
OM

RNM - METRIC BANJO
RNM - OCCHIO METRICO

Norme - Norma: DIN 7642

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	

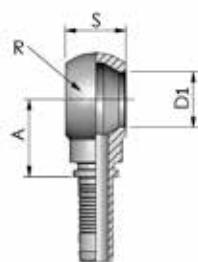
Dry-Fit fittings
Raccordi Dry-Fit



BANJO FITTINS
INSERTI AD OCCHIO

OG

RNR - BSP BANJO
RNR - OCCHIO BSP



BANJO FITTINS
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

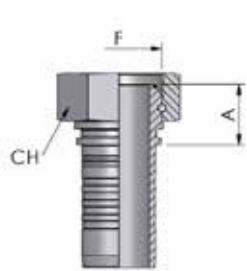
Notes:

* 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°

PFG

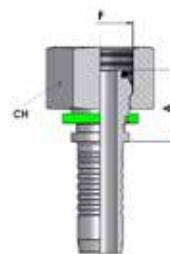
DKOR - BSP FEMALE THRUST WIRE NUT O-RING, 60° CONE
DKOR - FEMMINA BSP DADO SPINATO O-RING, CONO 60°

Thread -Filetto: BSP
Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
PFG1212*	3/4-14	3/4		19	32	27
PFG1616*	1"-11	1"		25	38	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

Notes:

* WHILE STOCKS LAST



BSP FITTINGS 60°
INSERTI BSP 60°

SFORG

DKOR □ BSP FEMALE SLIP BACK NUT O-RING, 60° CONE
DKOR □ FEMMINA BSP DADO LIBERO O-RING, CONO 60°

Thread -Filetto: BSP
Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
SFORG0404	1/4-19	1/4		6	19	17
SFORG0606	3/8-19	3/8		10	22	19
SFORG0806	1/2-14	3/8		10	27	20
SFORG0808	1/2-14	1/2		12	27	21

Notes:

CRIMPED NUT

* WHILE STOCKS LAST

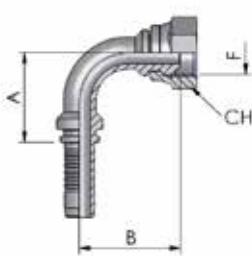
Note:

* ARTICOLO IN ESAURIMENTO

Note:

DADO PINZATO

* 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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:

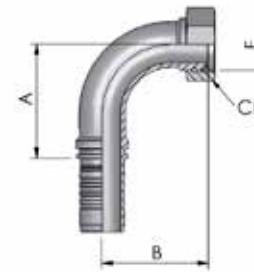
CRIMPED NUT

* WHILE STOCKS LAST

Note:

DADO PINZATO

* ARTICOLO IN ESAURIMENTO



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

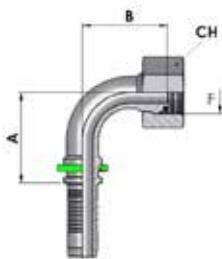
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
PC90G1212*	3/4-14	3/4	19	32	54	56
PC90G1616*	1"-11	1"	25	38	70	72
PC90G2016	1"1/4-11	1"	25	50	72	74
PC90G2020	1"1/4-11	1"1/4	32	50	88	80
PC90G2420	1"1/2-11	1"1/4	32	55	88	84
PC90G2424	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	127	122

Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO



BSP FITTINGS 60°
INSERTI BSP 60°

SC90ORG

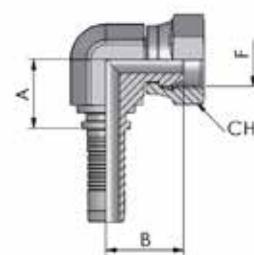
DKOR ♂ BSP FEMALE 90° SLIP BACK NUT O-RING, 60° CONE
DKOR ♂ FEMMINA 90° BSP DADO LIBERO O-RING, CONO 60°

Thread -Filetto: BSP
Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
SC90ORG0404	1/4-19	1/4	6	19	31	27
SC90ORG0606	3/8-19	3/8	10	22	38	31
SC90ORG0806	1/2-14	3/8	10	27	38	34
SC90ORG0808	1/2-14	1/2	12	27	40	38

Notes:

CRIMPED NUT



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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:

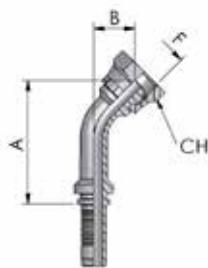
CRIMPED NUT

Note:

DADO PINZATO

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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	143	55

Notes:

CRIMPED NUT

Notes:

* WHILE STOCKS LAST

Note:

DADO PINZATO

Note:

* ARTICOLO IN ESAURIMENTO



BSP FITTINGS 60°
INSERTI BSP 60°

SC450RG

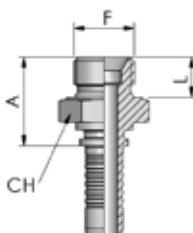
DKOR ♂ BSP FEMALE 45° SLIP BACK NUT O-RING, 60° CONE
DKOR ♂ FEMMINA 45° BSP DADO LIBERO O-RING, CONO 60°

Thread -Filetto: BSP
Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
SC450RG0404	1/4-19	1/4	6	19	47	13
SC450RG0606	3/8-19	3/8	10	22	56	15
SC450RG0806	1/2-14	3/8	10	27	62	23
SC450RG0808	1/2-14	1/2	12	27	62	18

Notes:

CRIMPED NUT



BSP FITTINGS 60°
INSERTI BSP 60°

MG

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

Thread -Filetto: BSPP
Norme - Norma: BS 5200

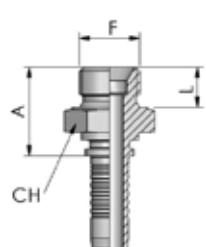
Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
MG0203	1/8-28	3/16	5	14	20,3	8
MG0204	1/8-28	1/4	6	14	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

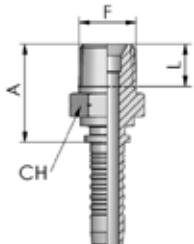


BSP FITTINGS 60°
INSERTI BSP 60°

MG

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

Thread -Filetto: BSPP
Norme - Norma: BS 5200



BSP FITTINGS 60°
INSERTI BSP 60°

MC

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

Thread -Filetto: BSPT

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		F	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	

Notes:

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		F	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

Notes:

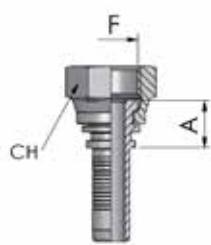
* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO

Note:

* ARTICOLO IN ESAURIMENTO



BSP FITTINGS
INSERTI BSP

FSPG

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

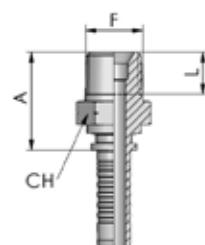
Thread -*Filetto*: BSP
Norme - Norma:

Code Article Codice Articolo	Thread <i>Filetto</i>	Hose <i>Tubo</i>		Dimensions (mm) Dimensioni (mm)		
		F	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	

Notes:

CRIMPED NUT

* WHILE STOCKS LAST



NPT FITTINGS 60°
INSERTI NPT 60°

MNPT

AGN - NPTF MALE
AGN - MASCHIO NPTF

Thread -*Filetto*: NPTF

Code Article Codice Articolo	Thread <i>Filetto</i>	Hose <i>Tubo</i>		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

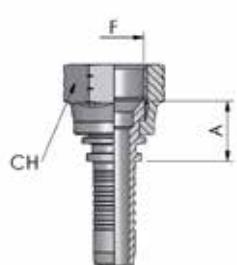
Note:

DADO PINZATO

* ARTICOLO IN ESAURIMENTO

Notes:

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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	
FJ1204**	3/4-16	1/4	6	24	17	
FJ1205	3/4-16	5/16	8	24	16	
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	
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	

Notes

CRIMPED NUT

* FJ1106 45° CONE

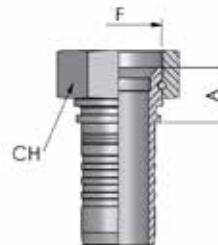
** WHILE STOCKS LAST

Note

DADO PINZATO

* FJ1106 CONO DI TENUTA 45°

** ARTICOLO IN ESAURIMENTO



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

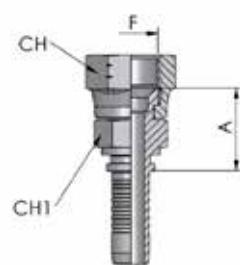
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
PFJ2010*	1"1/16-12		5/8	16	32	21,5
PFJ2012*	1"1/16-12		3/4	19	32	22,5
PFJ2516*	1"5/16-12		1"	25	41	23,5
PFJ3416	1"5/8-12		1"	25	50	26,7
PFJ3420	1"5/8-12		1"1/4	32	50	28,1
PFJ4020	1"7/8-12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

Notes

* WHILE STOCKS LAST

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	CH1
FJDE0604	7/16-20	1/4	6	15	12	21
FJDE0804	1/2-20	1/4	6	17	14	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

Notes:

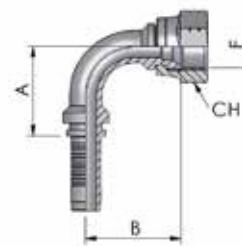
CRIMPED NUT

* WHILE STOCKS LAST

Note:

DADO PINZATO

* ARTICOLO IN ESAURIMENTO



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

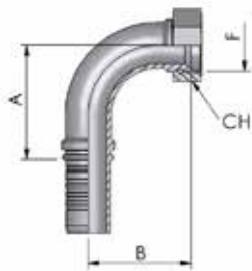
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		F	Inch/Pollici	DN (mm)	CH	A	B
C90J0603	7/16-20	3/16		5	15	26	26
C90J0604	7/16-20	1/4		6	15	23	27
C90J0804	1/2-20	1/4		6	17	23	26
C90J0805	1/2-20	5/16		8	17	33	29
C90J1004	9/16-18	1/4		6	19	23	29
C90J1005	9/16-18	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

Note:

DADO PINZATO

* C90J1106 CONO DI TENUTA 45°

** ARTICOLO IN ESAURIMENTO



JIC FITTINGS 37°
INSERTI JIC 37°

PC90J

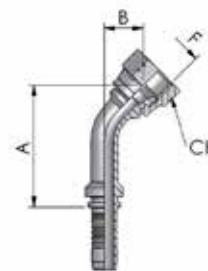
DKJ 90° - JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
DKJ 90° - FEMMINA 90° JIC DADO SPINATO, CONO 37°

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		F	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	127	121	

Notes:

* WHILE STOCKS LAST



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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		F	Inch/Pollici	DN (mm)	CH	A	B
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

Note:

* ARTICOLO IN ESAURIMENTO

Notes:

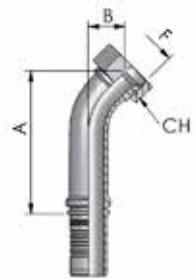
CRIMPED NUT

* WHILE STOCKS LAST

Note:

DADO PINZATO

* ARTICOLO IN ESAURIMENTO

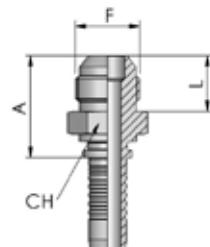


JIC FITTINGS 37°
INSERTI JIC 37°

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



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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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	142	54

Notes:

* WHILE STOCKS LAST

Notes:

* WHILE STOCKS LAST

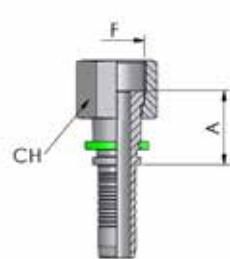
Note:

* ARTICOLO IN ESAURIMENTO

Note:

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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



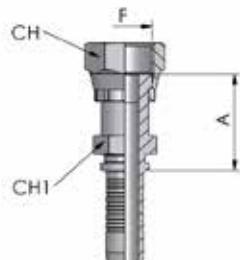
ORFS FITTINGS
INSERTI ORFS

FORFS

DKO - ORFS FEMALE
DKO - FEMMINA ORFS

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

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



ORFS FITTINGS
INSERTI ORFS

FORFSDE

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

Thread -*Filetto*: UNF-UN

Notes:

* WHILE STOCKS LAST

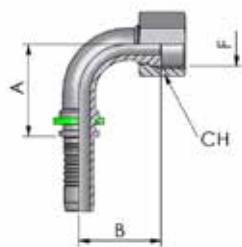
Note:

* ARTICOLO IN ESAURIMENTO

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

Notes:

Note:



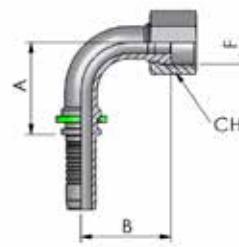
ORFS FITTINGS
INSERTI ORFS

C90ORFS

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

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

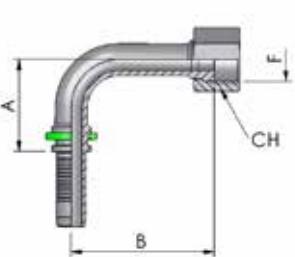
Thread -Filetto: UNF-UN
Norme - Norma: SAE J1454 - SAE J516

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes

Notes

Note



ORFS FITTINGS
INSERTI ORFS

CL90ORFS

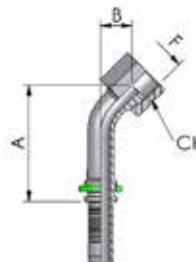
DKO 90° - ORFS LONG DROP FEMALE 90°
DKO 90° - FEMMINA 90° ORFS LUNGA

Thread -Filetto: UNF-UN

Norme - Norma: SAE J1454 - SAE J516

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:



ORFS FITTINGS
INSERTI ORFS

C45ORFS

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

Thread -Filetto: UNF-UN

Norme - Norma: SAE J1453

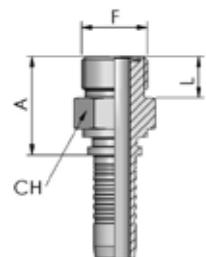
Notes:

* 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

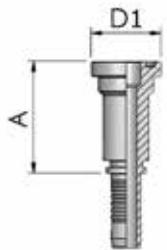
MORFS

AGO - ORFS MALE
AGO - MASCHIO ORFS

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

Code Article Codice Articolo	Thread <i>Filetto</i>	Hose <i>Tubo</i>		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes



FLANGES
FLANGE

FLPI3

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

Norme - *Norma*: SAE J518

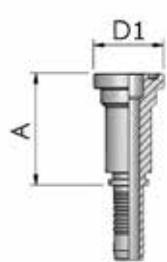
Notes

* WHILE STOCKS LAST

Code Article Codice Articolo	Flange <i>Flangia</i>	Hose <i>Tubo</i>		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

Note

* ARTICOLO IN ESAURIMENTO



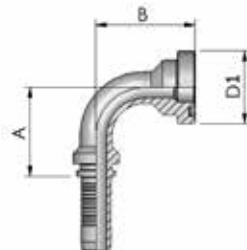
FLANGES
FLANGE

FLPI6

SFS - SAE FLANGE 6000 PSI

SFS - FLANGIA SAE 6000 PSI

Norme - Norma: SAE J518



FLANGES
FLANGE

FLPI390

SFL 90° - SAE FLANGE 90° 3000 PSI

SFL 90° - FLANGIA 90° SAE 3000 PSI

Norme - Norma: SAE J518

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
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	

Notes

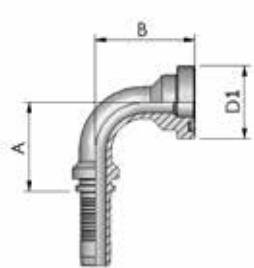
Notes

* 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	70
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	127	129



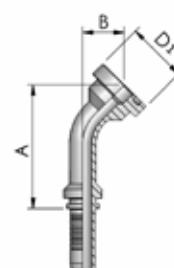
FLANGES
FLANGE

FLPI690

SFS 90° - SAE FLANGE 90° 6000 PSI

SFS 90° - FLANGIA 90° SAE 6000 PSI

Norme - Norma: SAE J518



FLANGES
FLANGE

FLPI345

SFL 45° - SAE FLANGE 45° 3000 PSI

SFL 45° - FLANGIA 45° SAE 3000 PSI

Norme - Norma: SAE J518

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

Notes:

* WHILE STOCKS LAST

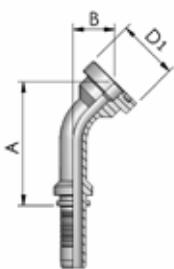
Note:

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
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	113	34
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

Notes:

Note:

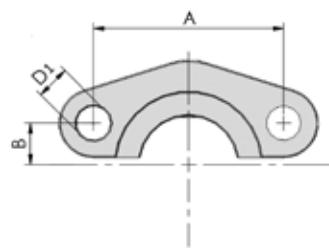


FLANGES
FLANGE

FLPI645

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

Norme - Norma: SAE J518



FLANGES
FLANGE

SEM3

SAE SPLIT FLANGE 3000 PSI
SEMIFLANGIA SAE 3000 PSI

Norme - Norma: SAE J518

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

Notes

Notes

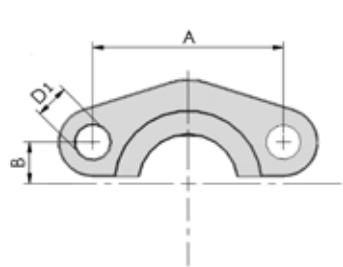
The code is for single piece and not for the couple.

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

Note

Il codice identifica il pezzo singolo e non la coppia.



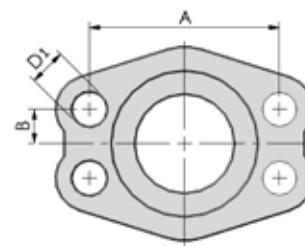
FLANGES
FLANGE

SEM6

SAE SPLIT FLANGE 6000 PSI

SEMIFLANGIA SAE 6000 PSI

Norme - Norma: SAE J518



FLANGES
FLANGE

SEMI3

SAE UNCUT FLANGE 3000 PSI

SEMIFLANGIA INTERA SAE 3000 PSI

Norme - Norma: SAE J518

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

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
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:

The code identifies the single piece and not the couple.

Note:

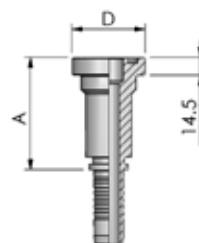
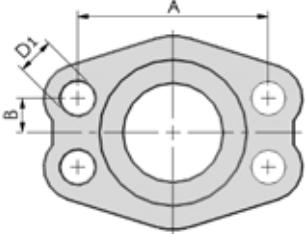
The code identifies the single piece and not the couple.

FLANGES
FLANGE

SEMI6

SAE UNCUT FLANGE 6000 PSI
SEMIFLANGIA INTERA SAE 6000 PSI

Norme - Norma: SAE J518



FLANGES
FLANGE

FPIR6

SFC - SUPERCAT FLANGE
SFC - FLANGIA SUPERCAT

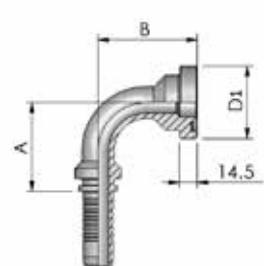
Code Article Codice Articolo	Flange Flangia	Dimensions (mm) Dimensioni (mm)		
		D1	A	B
SEMI608	1/2	22,6	40,5	9,2
SEMI612	3/4	29	50,8	11,9
SEMI616	1"	33,8	57,2	13,9
SEMI620	1"1/4	37,6	66,7	15,7
SEMI624	1"1/2	46,5	79,4	18,2
SEMI632	2"	55,9	96,8	22,2

Notes:

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
FPIR61212	3/4	3/4	19	41,3	65,8
FPIR61612	1"	3/4	19	47,6	69,6
FPIR61616	1"	1"	25	47,6	71,1
FPIR62016	1"1/4	1"	25	54,0	75
FPIR62020	1"1/4	1"1/4	32	54,0	76,5

Notes:

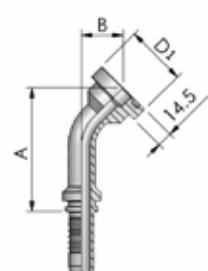
Note:



FLANGES
FLANGE

FLPIR690

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



FLANGES
FLANGE

FLPIR645

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

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

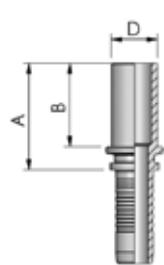
Notes:

Notes:

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

Note:

Note:



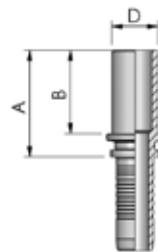
STANDPIPES
CODOLI LISCI

COD

BEL/BES - METRIC STANDPIPE

BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353



STANDPIPES
CODOLI LISCI

COD

BEL/BES - METRIC STANDPIPE

BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		mm	A
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

Notes:

* WHILE STOCKS LAST

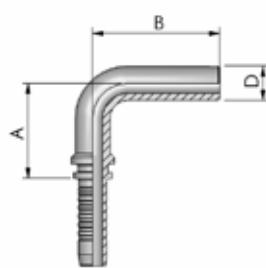
Note:

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		mm	A
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



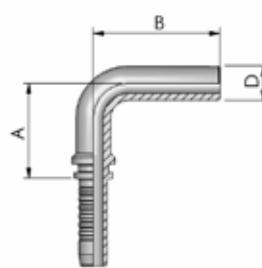
STANDPIPES
CODOLI LISCI

COD90

BEL/BES 90° - METRIC STANDPIPE 90°

BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353



STANDPIPES
CODOLI LISCI

COD90

BEL/BES 90° - METRIC STANDPIPE 90°

BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		mm	A
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

Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO

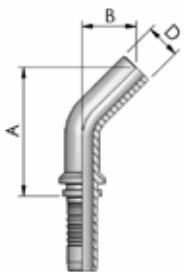
Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		mm	A
COD902012	3/4	19	20	51	66
COD902210	5/8	16	22	47	70
COD902212	3/4	19	22	55	72
COD902512	3/4	19	25	58	74
COD902516	1"	25	25	61	74
COD902816	1"	25	28	68	84
COD903016	1"	25	30	76	87
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

Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO



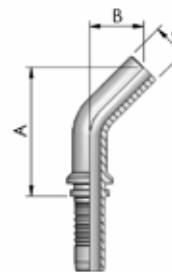
STANDPIPES
CODOLI LISCI

COD45

BEL/BES 45° - METRIC STANDPIPE 45°

BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353



STANDPIPES
CODOLI LISCI

COD45

BEL/BES 45° - METRIC STANDPIPE 45°

BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		mm	A
COD450603	3/16	5	6	39	22
COD450604	1/4	6	6	40	22
COD450804	1/4	6	8	46	20
COD450805*	5/16	8	8	58	35
COD451005	5/16	8	10	43	20
COD451004	1/4	6	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
COD452010	5/8	16	20	81	40
COD452008*	1/2	12	20	67	35
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

Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO

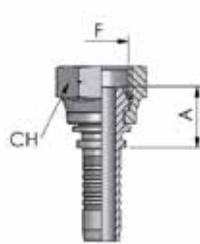
Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		mm	A
COD452516	1"	25	25	82	36
COD452816	1"	25	28	87	44
COD453016	1"	25	30	90	44
COD453520	1"1/4	32	35	99	46
COD453820	1"1/4	32	38	104	51
COD453824*	1"1/2	38	38	100	54
COD454224	1"1/2	38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

Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO



METRIC FITTINGS 60°
INSERTI METRICI 60°

FM

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

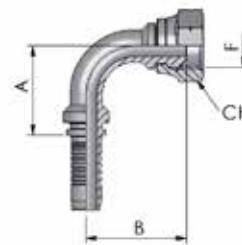
Thread -Filetto: METRIC

Notes:

CRIMPED NUT

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		F	Inch/Pollici	DN (mm)	CH
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
FM1604	16x1,5	1/4	6	22	18,7
FM1605	16x1,5	5/16	8	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

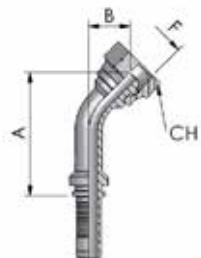
* WHILE STOCKS LAST

Note:

DADO PINZATO

* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

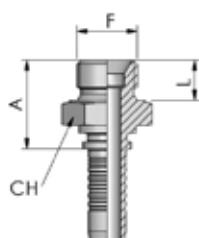


METRIC FITTINGS 60°
INSERTI METRICI 60°

C45M

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

Thread -Filetto: METRIC



METRIC FITTINGS 60°
INSERTI METRICI 60°

MM

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

Thread -Filetto: METRIC

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

Notes:

CRIMPED NUT

* WHILE STOCKS LAST

Note:

DADO PINZATO

* ARTICOLO IN ESAURIMENTO

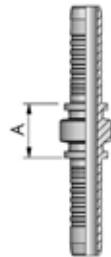
Notes:

* 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
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

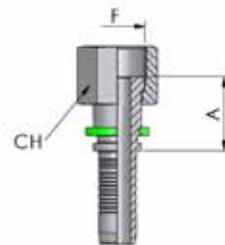
GPG

HOSE JUNCTION
GIUNZIONE PER TUBI FLESSIBILI

Notes:

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)
	Inch/Pollici	DN (mm)	
PGP0404	1/4	6	17
PGP0505	5/16	8	17
PGP0606	3/8	10	17
PGP0808	1/2	12	18
PGP1010	5/8	16	18
PGP1212	3/4	19	19
PGP1616	1"	25	21
PGP2020	1"1/4	32	24

Note:



CO² WHITWORTH FITTINGS
INSERTI CO² WITHWORTH

FW

CO² FEMALE WHITWORTH
FEMMINA CO² WITHWORTH

Thread -Filetto: BSW WITHWORTH

Notes:

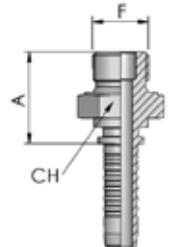
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		F	Inch/Pollici	DN (mm)	CH
FW21706	21,7	3/8	10	27	18,6
FW21708	21,7	1/2	12	27	18,6

Note:

CO² WHITWORTH FITTINGS
INSERTI CO² WITHWORTH

MW

CO² MALE WHITWORTH
MASCHIO CO² WITHWORTH



Thread -Filetto: BSW WITHWORTH

JET WASH FITTINGS "K"
INSERTI IDROPULITRICE "K"

FMK

JET WASH FITTING K
FEMMINA IDROPULITRICE K



Thread -Filetto: METRIC

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

Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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:

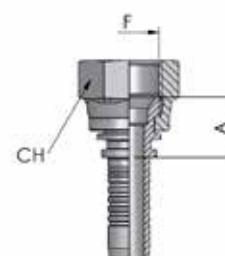
Note:



WELDING FITTINGS
INSERTI A SALDARE

RS

WELDING INSERT
INSERTO A SALDARE



JIS FITTINGS KOMATSU
INSERTI JIS KOMATSU

FKTS

JISK - JIS KOMATSU FEMALE
JISK - FEMMINA JIS KOMATSU

Thread -Filetto: METRIC

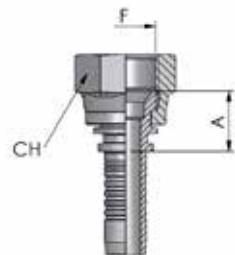
Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)
	Inch/Pollici	DN (mm)	D1
RS0406	1/4	6	6
RS0408	1/4	6	8
RS0410	1/4	6	10
RS0510	5/16	8	10
RS0512	5/16	8	12
RS0610	3/8	10	10
RS0612	3/8	10	12
RS0614	3/8	10	14
RS0814	1/2	12	14
RS0815	1/2	12	15
RS0816	1/2	12	16
RS1016	5/8	16	16
RS1018	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

Notes:

Notes:

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
	F	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 <i>Codice Articolo</i>	Thread <i>Filetto</i>	Hose <i>Tubo</i>		Dimensions (mm) <i>Dimensioni (mm)</i>	
	F	Inch/Pollici	DN (mm)	CH	A
FJS0404	1/4-19	1/4	6	17	14,5
FJS0606	3/8-19	3/8	10	22	16,5
FJS0808	1/2-14	1/2	12	27	19
FJS1212	3/4-14	3/4	19	32	20,5
FJS1616	1"-11	1"	25	38	22

Note

DRY-LOCK FITTINGS RACCORDI DRY-LOCK

DRY-LOCK

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.

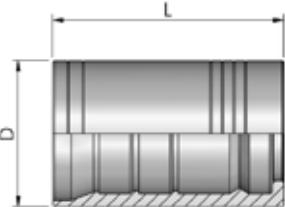
DRY-LOCK è un sistema di connessione Interlock che garantisce elevate performances delle condotte spiralate. I test di laboratorio hanno superato 1.000.000 di cicli.

DRY-LOCK FERRULES
BOCCOLE DRY-LOCK

B4I

DRY-LOCK SKIVE FERRULE 4SH - R13 -R15

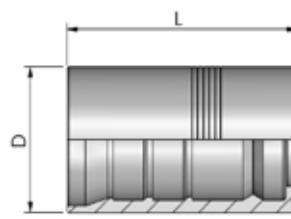
DRY-LOCK BOCCOLA A PRESSARE 4SH - R13 -R15



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



DRY-LOCK FERRULES
BOCCOLE DRY-LOCK

B13

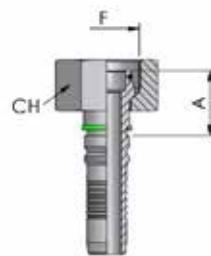
DRY-LOCK SKIVE FERRULE R13 -R15

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



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

IFES

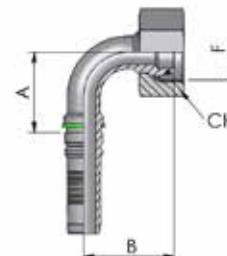
DKOS - DRY-LOCK METRIC O-RING FEMALE, 24° CONE, HEAVY
DKOS - DRY-LOCK FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE

Thread -Filetto: METRIC
Norme - Norma: DIN 3865

	Code Article Codice Articolo	Thread Filetto	Hose Tubo	Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	mm	CH	A
	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

Notes

* WHILE STOCKS LAST



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

IC90ES

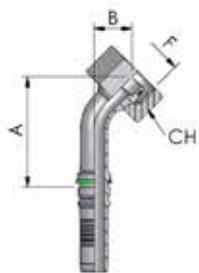
DKOS 90° - DRY-LOCK METRIC O-RING FEMALE 90°, 24° CONE, HEAVY
DKOS 90° - DRY-LOCK FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread -Filetto: METRIC
Norme - Norma: DIN 3865

	Code Article Codice Articolo	Thread Filetto	Hose Tubo	Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		F	Inch/Pollici	DN (mm)	mm	CH	A	B
	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

* ARTICOLO IN ESAURIMENTO



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

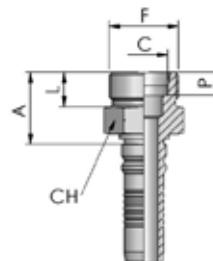
IC45ES

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)		
		F	Inch/Pollici		DN (mm)	mm	CH
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



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

IMES

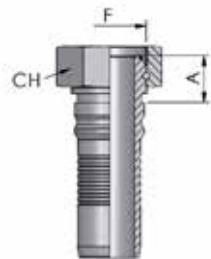
CES - DRY-LOCK METRIC MALE, 24° CONE, HEAVY
CES - DRY-LOCK MASCHIO METRICO, CONO 24°, SERIE PESANTE

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)			
		F	Inch/Pollici		DN (mm)	mm	CH	A
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



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°

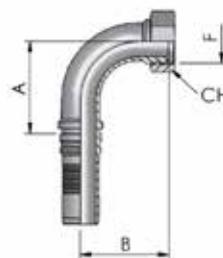
Thread -Filetto: BSP

Norme - Norma: BS 5200

Notes:

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	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



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°

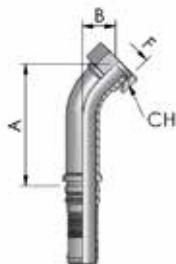
Thread -Filetto: BSP

Norme - Norma: BS 5200

Notes:

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		F	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



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°

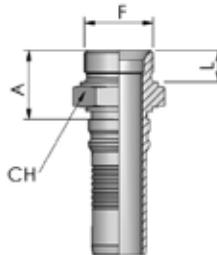
Thread -Filetto: BSP

Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:

* WHILE STOCKS LAST



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

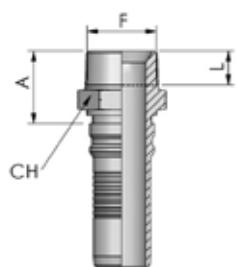
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
IMG1212	3/4-14	3/4	19	32	31,9	16
IMG1616	1"-11	1"	25	41	38,4	20,3
IMG2016*	1"1/4-11	1"	25	50	42,6	20
IMG2020	1"1/4-11	1"1/4	32	50	42	22
IMG2424	1"1/2-11	1"1/2	38	55	45,5	22
IMG3232	2"-11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

Note:

* ARTICOLO IN ESAURIMENTO

Note:

* ARTICOLO IN ESAURIMENTO

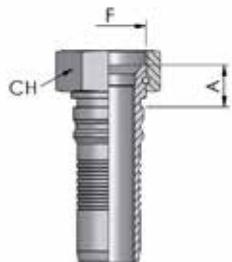


DRY-LOCK NPT FITTING 60°
INSERTI NPT 60° DRY-LOCK

IMNPT

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

Thread -Filetto: NPT



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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:

Notes:

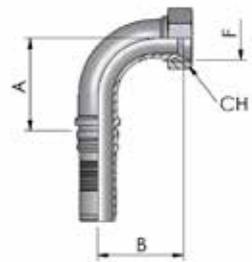
* WHILE STOCKS LAST

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

Note:

Note:

* ARTICOLO IN ESAURIMENTO



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

IC90J

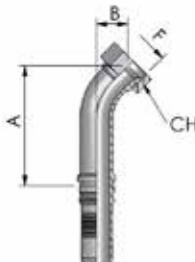
DKJ 90° - DRY-LOCK JIC FEMALE 90° THRUST WIRE NUT, 37° CONE
DKJ 90° - DRY-LOCK FEMMINA 90° JIC DADO SPINATO, CONO 37°

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:

* WHILE STOCKS LAST



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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:

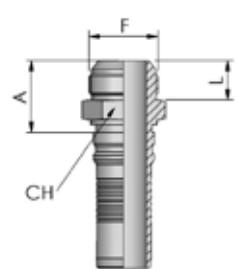
* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO

Note:

* ARTICOLO IN ESAURIMENTO

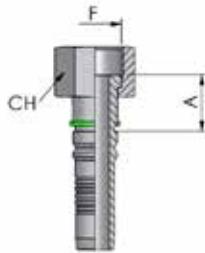


DRY-LOCK JIC FITTINGS 37°
INSERTI JIC 37° DRY-LOCK

IMJ

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

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



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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:

Notes:

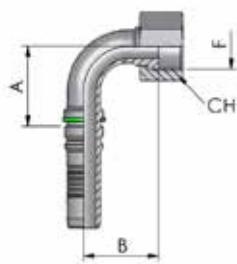
* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		F	Inch/Pollici	DN (mm)	CH
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:

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

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes

* WHILE STOCKS LAST



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

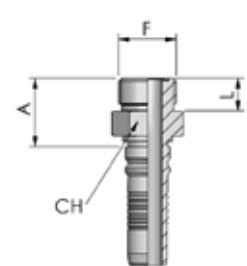
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
IC45ORFS2212	1"3/16-12	3/4	19	36	74	21
IC45ORFS2616	1"7/16-12	1"	25	41	104	29
IC45ORFS3620	1"11/16-12	1"1/4	32	50	96	42
IC45ORFS4624	2"-12	1"1/2	38	60	148	35

Note

* ARTICOLO IN ESAURIMENTO

Notes

Note



DRY-LOCK ORFS FITTINGS
INSERTI ORFS DRY-LOCK

IMORFS

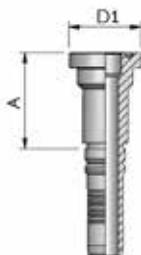
AGO - DRY-LOCK ORFS MALE
AGO - DRY-LOCK MASCHIO ORFS

Thread -Filetto: UNF-UN

Norme - Norma: SAE J1453

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		F	Inch/Pollici	DN (mm)	CH	A
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

Notes:



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI3

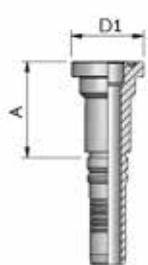
SFL - DRY-LOCK SAE FLANGE 3000 PSI
SFL - DRY-LOCK FLANGIA SAE 3000 PSI

Norme - Norma: SAE J518

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

Notes:

Note:

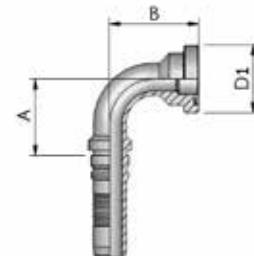


DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI16

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

Norme - Norma: SAE J518



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

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
IFLPI161212	3/4	3/4	19	41,3	57,6	
IFLPI161612	1"	3/4	19	47,6	60,1	
IFLPI161616	1"	1"	25	47,6	63,8	
IFLPI162016	1"1/4	1"	25	54,0	67,8	
IFLPI162020	1"1/4	1"1/4	32	54,0	69,1	
IFLPI162420	1"1/2	1"1/4	32	63,5	78,6	
IFLPI162424	1"1/2	1"1/2	38	63,5	78,4	
IFLPI163232	2"	2"	51	79,4	99,1	

Notes:

Notes:

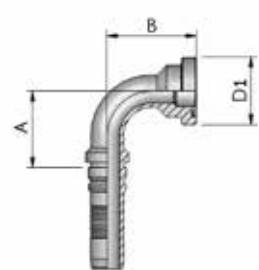
* WHILE STOCKS LAST

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:

Note:

* ARTICOLO IN ESAURIMENTO



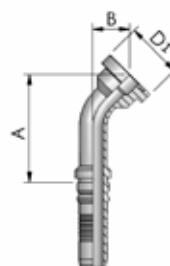
DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI690

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

SFL 90° - DRY-LOCK FLANGIA 90° SAE 6000 PSI

Norme - Norma: SAE J518



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI345

SFS 45° - DRY-LOCK SAE FLANGE 45° 3000 PSI

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

Norme - Norma: SAE J518

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

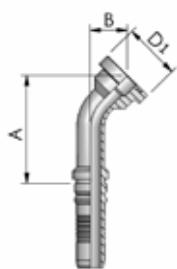
Notes:

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:

Note:



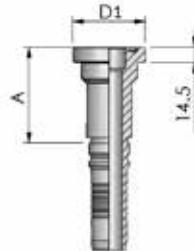
DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPI645

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

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

Norme - Norma: SAE J518



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPIR6

SFC - DRY-LOCK SUPERCAT FLANGE

SFC - DRY-LOCK FLANGIA SUPERCAT

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

Notes:

Notes:

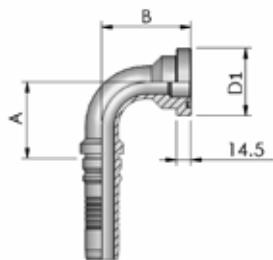
* WHILE STOCKS LAST

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:

Note:

* ARTICOLO IN ESAURIMENTO



DRY-LOCK FLANGES
FLANGE DRY-LOCK

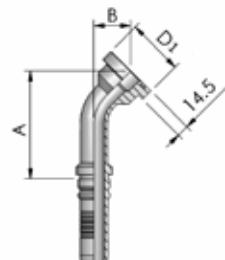
IFLPIR690

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



DRY-LOCK FLANGES
FLANGE DRY-LOCK

IFLPIR645

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

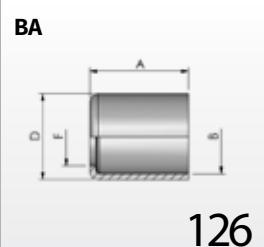
Notes:

	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

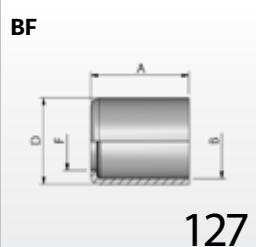
LOW PRESSURE
BASSA PRESSIONE

1C

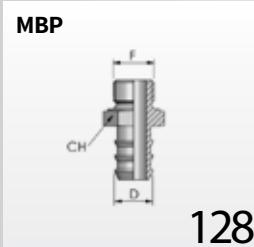
LOW PRF



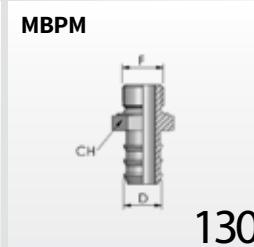
126

ALUMINUM FERRULE
BOCCOLA IN ALLUMINIO

127

STEEL FERRULE
BOCCOLA IN FERRO

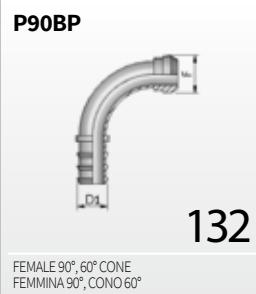
128

BSPP MALE
MASCHIO BSPP

130

METRIC MALE
MASCHIO METRICO

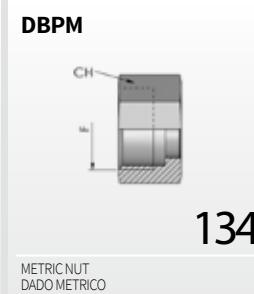
131

FEMALE, 60° CONE
FEMMINA SEDE OGIVA, CONO 60°

132

FEMALE 90°, 60° CONE
FEMMINA 90°, CONO 60°

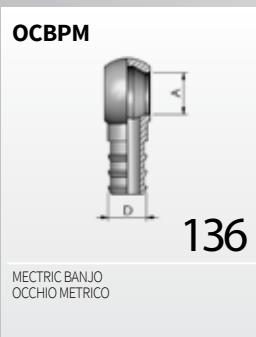
133

BSP NUT
DADO BSP

134

METRIC NUT
DADO METRICO

135

BSP BANJO
OCCHIO BSP

136

METRIC BANJO
OCCHIO METRICO

index

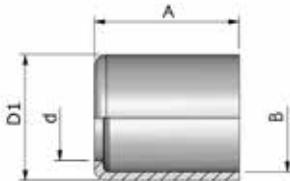
1c

126
136

LOW PRESSURE FERRULES
BOCCOLE BASSA PRESSIONE

BA

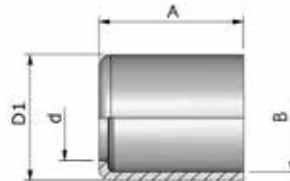
ALLUMINIUM FERRULE
BOCCOLA IN ALLUMINIO



LOW PRESSURE FERRULES
BOCCOLE BASSA PRESSIONE

BF

STEEL FERRULE
BOCCOLA IN FERRO



Notes

* WHILE STOCKS LAST

Note

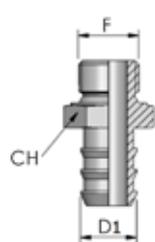
* ARTICOLO IN ESAURIMENTO

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

Notes

Note

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



LOW PRESSURE MALES
MASCHI BASSA PRESSIONE

MBP

BSPP MALE
MASCHIO BSPP

Thread -*Filetto*: BSPP

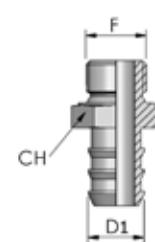
Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions <i>Dimensioni</i>	
	F	CH	D1
MBP0406	1/4-19	14	6
MBP0408	1/4-19	14	8
MBP0410	1/4-19	17	10
MBP0413*	1/4-19	15	13
MBP0606*	3/8-19	17	6
MBP0608	3/8-19	17	8
MBP0610	3/8-19	17	10
MBP0613	3/8-19	19	13
MBP0616	3/8-19	19	16
MBP0810	1/2-14	22	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

Notes:

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO



LOW PRESSURE MALES
MASCHI BASSA PRESSIONE

MBP

BSPP MALE
MASCHIO BSPP

Thread -*Filetto*: BSPP

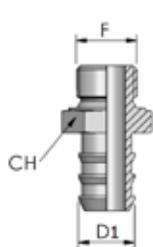
Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions <i>Dimensioni</i>	
	F	CH	D1
MBP2040*	1"1/4-11	50	40
MBP2438	1"1/2-11	50	38
MBP2440*	1"1/2-11	55	40
MBP3250	2"-11	60	50
MBP4060	2"1/2-11	75	61
MBP4875	3"-11	90	77

Notes:

* WHILE STOCKS LAST

Note

* ARTICOLO IN ESAURIMENTO



LOW PRESSURE MALES
MASCHI BASSA PRESSIONE

MBPM

METRIC MALE
MASCHIO METRICO

Thread - *Filetto*: METRIC



LOW PRESSURE FEMALES
FEMMINA BASSA PRESSIONE

OBP

FEMALE, 60° CONE
FEMMINA SEDE OGIVA, CONO 60°

	Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions <i>Dimensioni</i>	
		F	CH	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

Notes:

Notes:

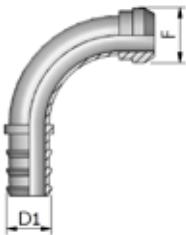
A: CODE FOR NUT TO USE
* WHILE STOCKS LAST

Note:
A: CODICE DADO DA UTILIZZARE
* ARTICOLO IN ESAURIMENTO

	Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions <i>Dimensioni</i>	
		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

Note:

A: CODICE DADO DA UTILIZZARE
* ARTICOLO IN ESAURIMENTO



LOW PRESSURE FEMALES 90°
FEMMINE 90° BASSA PRESSIONE

P90BP

FEMALE 90°, 60° CONE
FEMMINA 90°, CONO 60°

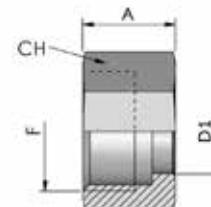
Notes:

A: CODE FOR NUT TO USE

	Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni	
	F	A	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	

Note:

A: CODICE DADO DA UTILIZZARE



LOW PRESSURE NUTS
DADI BASSA PRESSIONE

DBP

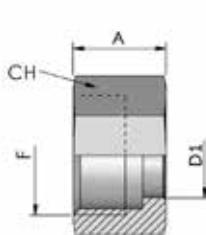
BSP NUT
DADO BSP

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:

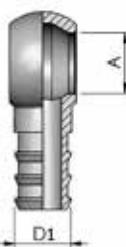


LOW PRESSURE NUTS
DADI BASSA PRESSIONE

DBPM

METRIC NUT
DADO METRICO

Thread -Filetto: METRIC



LOW PRESSURE BANJOS
OCCHI BASSA PRESSIONE

OCBP

BSP BANJO
OCCHIO BSP

Thread -Filetto: BSP

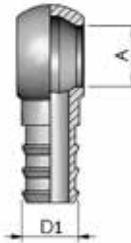
Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni			
		F	CH	A	D1
DBPM14	M14X1,5	17	13,5	9,2	
DBPM18	M18X1,5	22	14,5	13,2	

Notes:

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 <i>Codice Articolo</i>	Dimensions (mm) <i>Dimensioni (mm)</i>	
	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

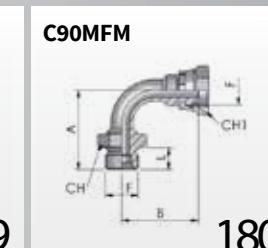
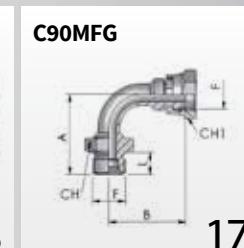
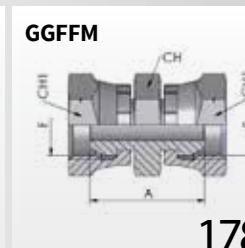
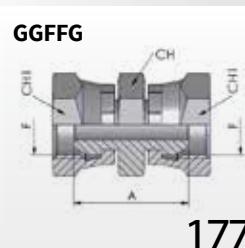
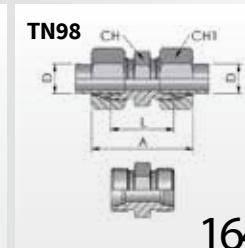
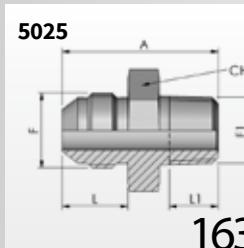
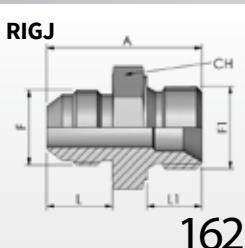
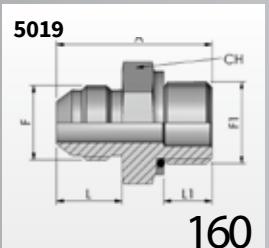
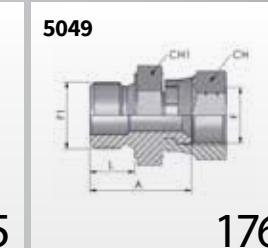
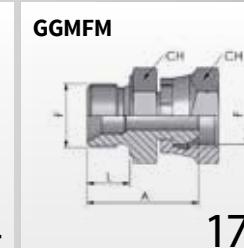
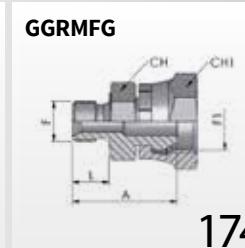
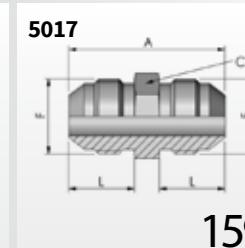
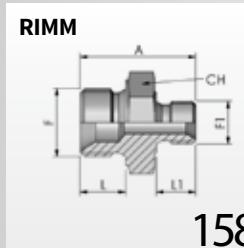
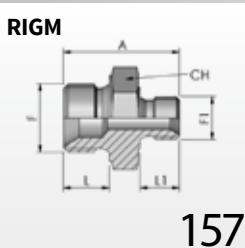
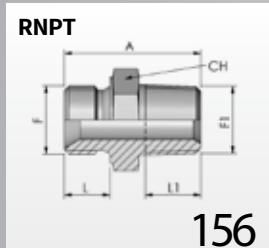
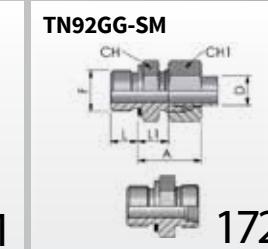
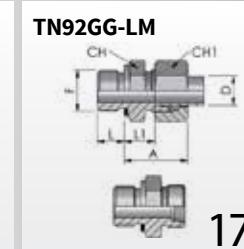
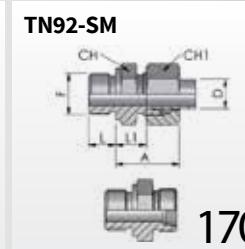
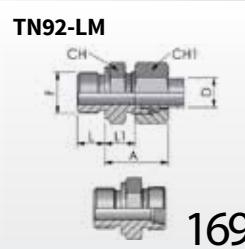
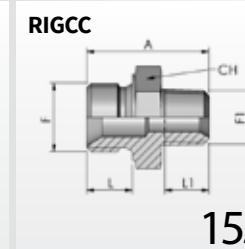
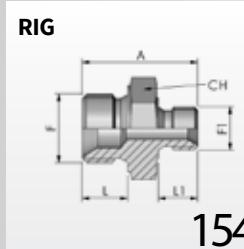
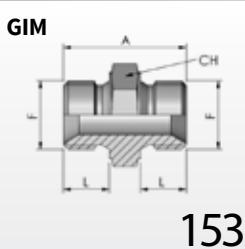
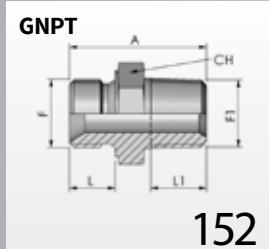
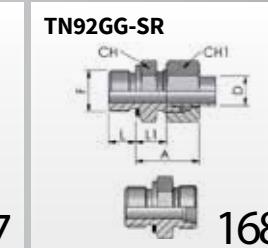
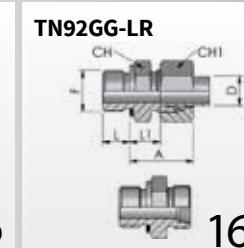
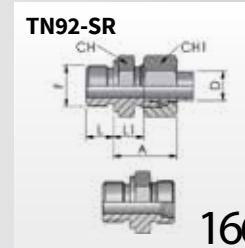
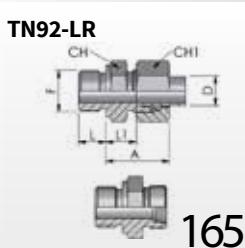
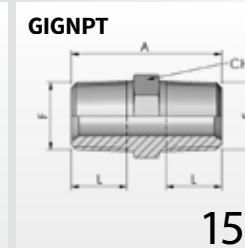
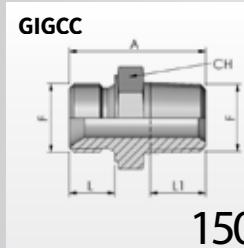
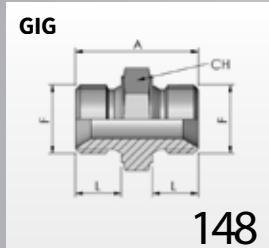
ADAPTORS ADATTATORI

N2

ADAPTER ADATTATORE

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**.



MALE BSPP O-RING X MALE JIC 37° CONE
MASCHIO BSPP O-RING X MASCHIO JIC CONO 37°

REDUCTION MALE BSPP 60° CONE X MALE JIC 37° CONE
RIDUZIONE MASCHIO BSPP CONO 60° X MASCHIO JIC CONO 37°

MALE NPTF X MALE JIC 37° CONE
MASCHIO NPTF X MASCHIO JIC CONO 37°

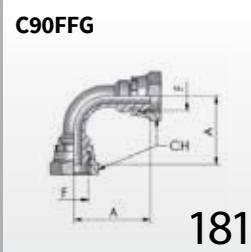
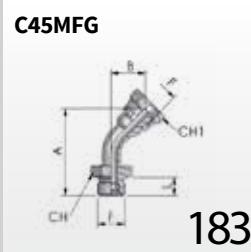
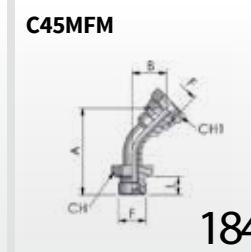
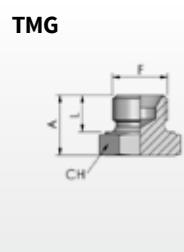
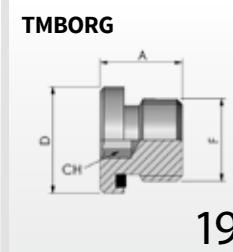
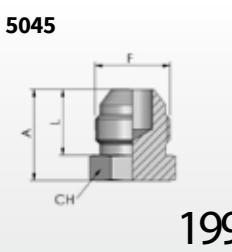
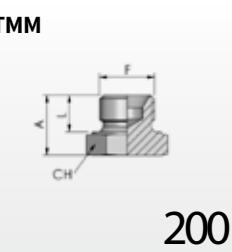
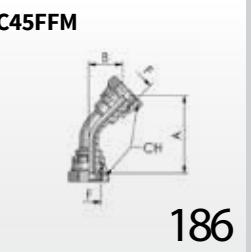
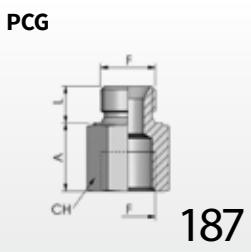
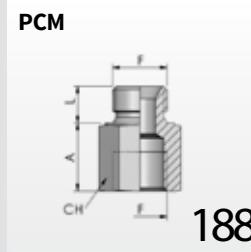
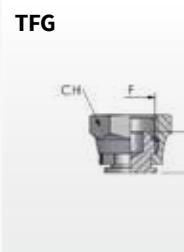
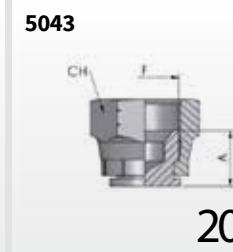
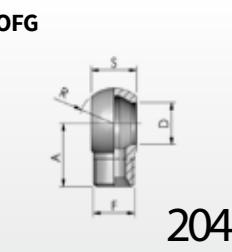
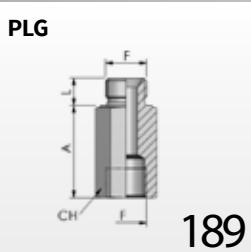
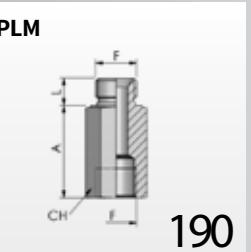
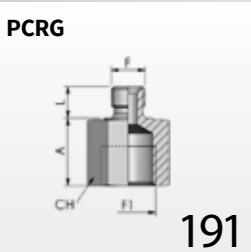
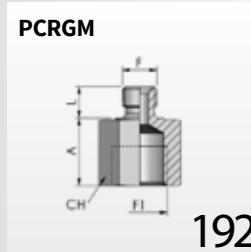
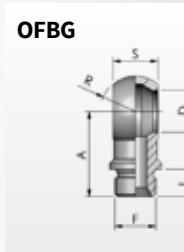
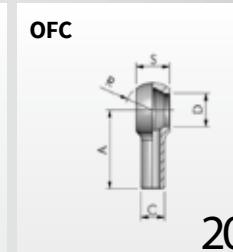
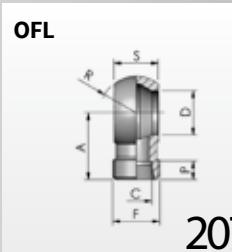
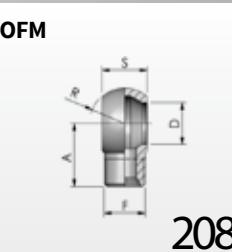
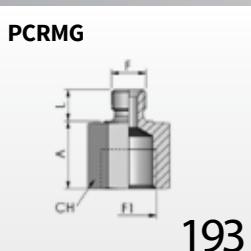
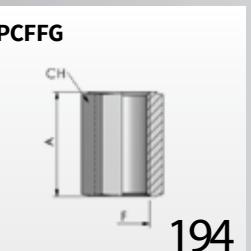
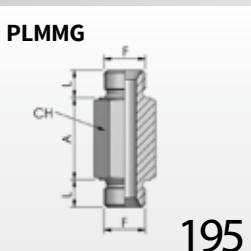
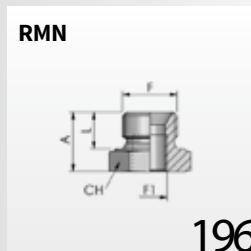
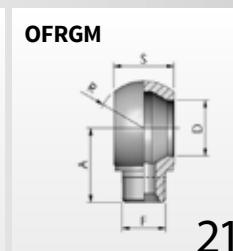
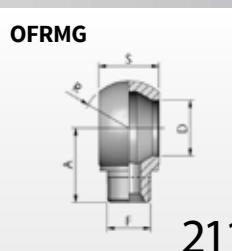
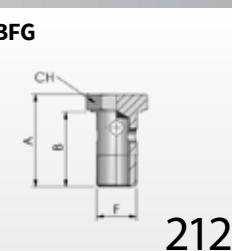
MALE METRIC X MALE METRIC, 24° CONE
MASCHIO METRICO X MASCHIO METRICO, CONO 24°

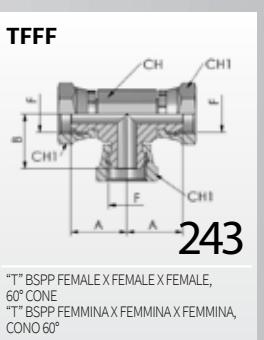
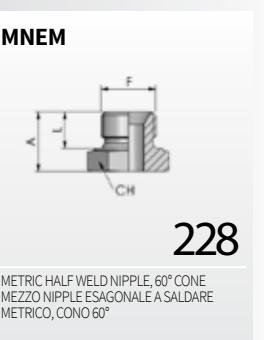
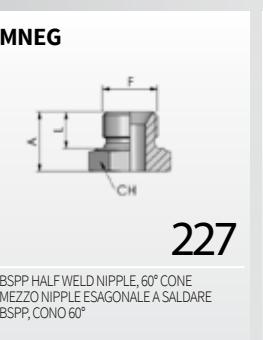
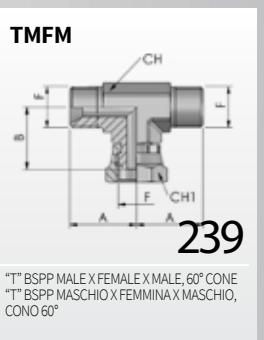
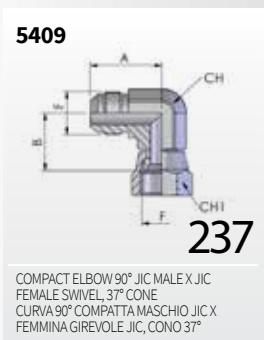
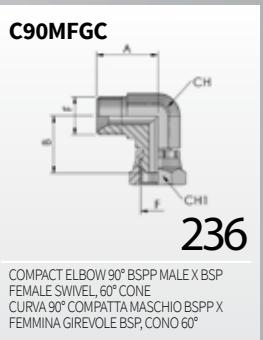
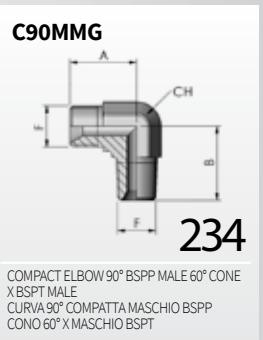
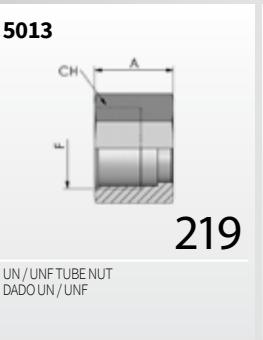
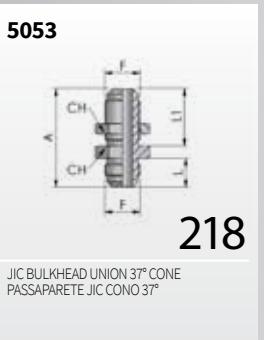
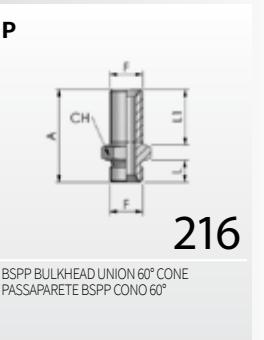
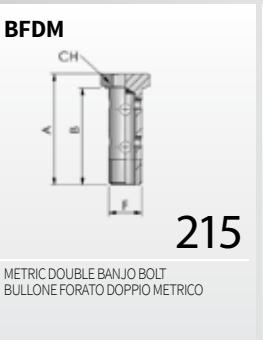
BSP FEMALE SWIVEL X BSP FEMALE SWIVEL, 60° CONE
MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°

REDUCTION BSPP MALE X BSP FEMALE SWIVEL, 60° CONE
RIDUZIONE MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°

METRIC MALE X METRIC FEMALE SWIVEL, 60° CONE
MASCHIO METRICO X FEMMINA GIREVOLE METRICA, CONO 60°

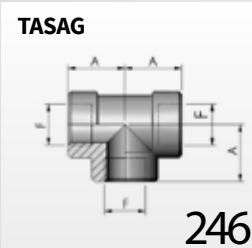
- SWEEP 90° BSPP MALE X BSP FEMALE SWIVEL, 60° CONE
- CURVA 90° MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°
- SWEEP 90° METRIC MALE X FEMALE SWIVEL METRIC, 60° CONE
- CURVA 90° MASCHIO METRICO X FEMMINA GIREVOLE METRICA, CONO 60°

C90FFG
181C90FFM
182C45MFG
183C45MFM
184TMG
197TMBORG
1985045
199TMM
200C45FFG
185C45FFM
186PCG
187PCM
188TFG
2015043
202TFM
203OFG
204PLG
189PLM
190PCRGM
191PCRG
192OFBG
205OFC
206OFL
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208PCRMG
193PCFFG
194PLMMG
195RMN
196OFRG
209OFRGM
210OFRMG
211BFG
212

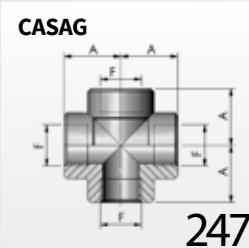




FORGED ELBOW 90° BSPP FEMALE X
FEMALE, ASA 2000
CURVA 90° FORGIATA BSPP FEMMINA X
FEMMINA, ASA 2000



"T" BSPP FIXED FEMALES, ASA 2000



FORGED CROSS BSPP FIXED FEMALES,
ASA 2000
"T" BSPP FEMMINE FISSE, ASA 2000
GIUNZIONE CROCE FORGIATA BSPP
FEMMINA FISSE, ASA 2000



BSP BONDED SEAL
RONDELLA BONDED BSP



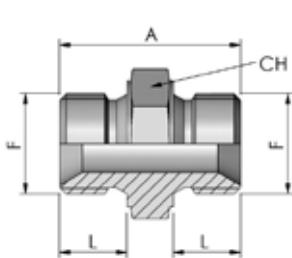
METRIC BONDED SEAL
RONDELLA BONDED METRICA



BSP COPPER SEAL
RONDELLA RAME BSP



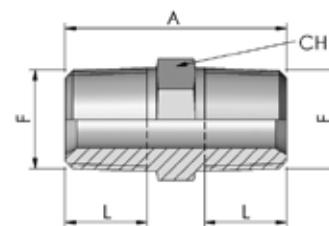
METRIC COPPER SEAL
RONDELLA RAME METRICA



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIG

MALE BSPP X MALE BSPP, 60° CONE
MASCHIO BSPP X MASCHIO BSPP, CONO 60°



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIGCON

MALE BSPT X MALE BSPT, 60° CONE
MASCHIO BSPT X MASCHIO BSPT, CONO 60°

Notes:

* DIN version

	Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
	F	CH	A	L	
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

Notes:

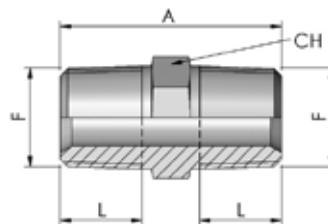
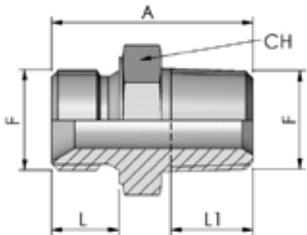
Note:

	Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
	F	CH	A	L	
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	

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIGCC

MALE BSPP X MALE BSPT, 60° CONE
MASCHIO BSPP X MASCHIO BSPT, CONO 60°



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIGNPT

MALE NPTF X MALE NPTF, 60° CONE
MASCHIO NPTF X MASCHIO NPTF, CONO 60°

Notes:

Note:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	A	L	L1
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	

Notes:

* WHILE STOCKS LAST

Note:

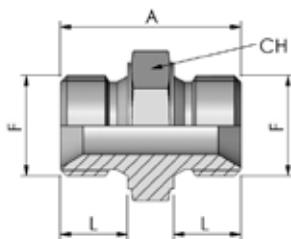
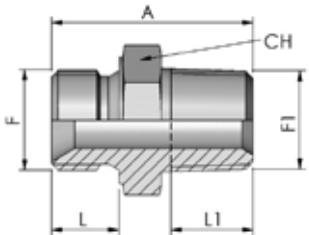
* ARTICOLO IN ESAURIMENTO

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
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	

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GNPT

MALE BSPP X MALE NPTF, 60° CONE
MASCHIO BSPP X MASCHIO NPTF, CONO 60°



MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

GIM

MALE METRIC X MALE METRIC, 60° CONE
MASCHIO METRICO X MASCHIO METRICO, CONO 60°

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

Notes:

Notes:

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)	
	F	CH	A	L
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

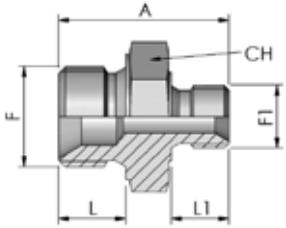
Note:

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°

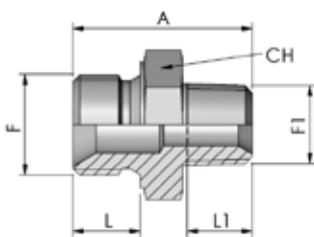


Notes:

* DIN version

** WHILE STOCKS LAST

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:

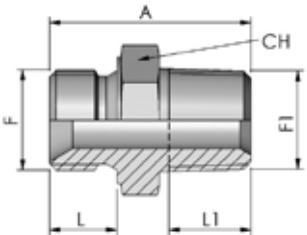
Note:

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

MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

RNPT

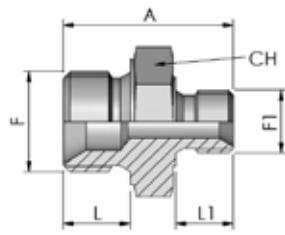
REDUCTION MALE BSPP X MALE NPTF, 60° CONE
RIDUZIONE MASCHIO BSPP X MASCHIO NPTF, CONO 60°



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:



Notes:

* WHILE STOCKS LAST

Note:

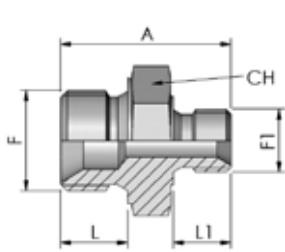
* ARTICOLO IN ESAURIMENTO

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°

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°

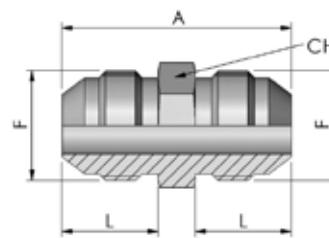
Notes:

* 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:

Note:

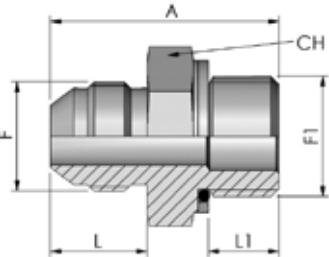
Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)	
	F	CH	A	L
50170004	7/16-20	13	34,8	14
50170005	1/2-20	14	34,8	14
50170006	9/16-18	16	35,8	14,1
50170008	3/4-16	19	41,1	16,7
50170010	7/8-14	24	47,8	19,3
50170012	1"1/16-12	27	54,9	21,9
50170016	1"5/16-12	36	57,2	23,1
50170020	1"5/8-12	46	61,7	24,3
50170024	1"7/8-12	50	69,8	27,5

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



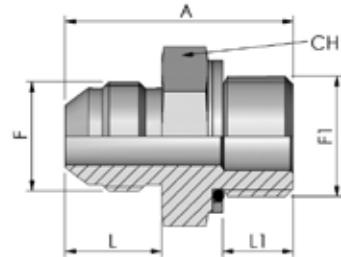
Notes:

* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
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

Note:

* ARTICOLO IN ESAURIMENTO



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

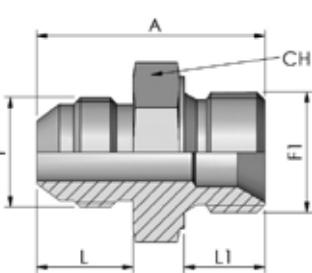
Notes:

* 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:

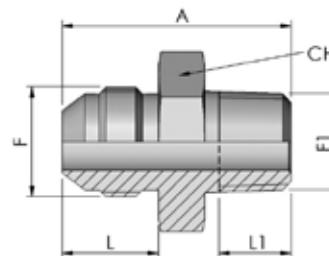
* ARTICOLO IN ESAURIMENTO



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°



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

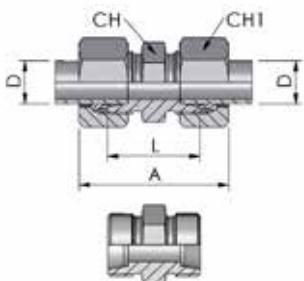
Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	F1	CH	A	L	L1
RIGJ0402	7/16-20	1/8-28	14	28,5	14	8,5
RIGJ0404	7/16-20	1/4-19	17	31	14	10,5
RIGJ0504	1/2-20	1/4-19	17	32	15	10,5
RIGJ0506	1/2-20	3/8-19	22	33,5	14	12,5
RIGJ0604	9/16-18	1/4-19	17	27	16,5	10,5
RIGJ0606	9/16-18	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

Notes:

Notes:

Note:

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



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

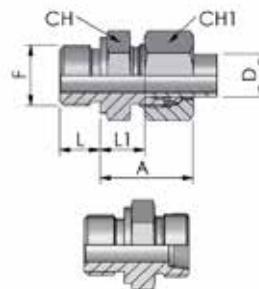
Notes

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

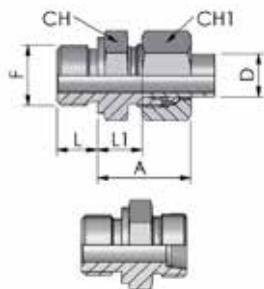
Notes

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
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	

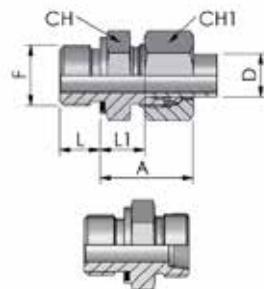


MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

TN92-SR

MALE BSPP X MALE METRIC 24° CONE, HEAVY
MASCHIO BSPP X MASCHIO METRICO CONO 24°, SERIE PESANTE

Norme - Norma: DIN 2353



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

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)					
			F	mm	CH	CH1	A	L
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	

Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

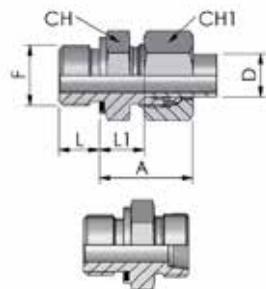
Code Article Codice Articolo	Thread Filetto	Tube Tubo	F	mm	CH	CH1	A	L	L1
TN92GG06LR	1/8-28	6	14	14	23	8	8,5		
TN92GG08LR	1/4-19	8	19	17	25	12	10		
TN92GG10LR	1/4-19	10	19	19	26	12	11		
TN92GG12LR	3/8-19	12	22	22	27	12	12,5		
TN92GG15LR	1/2-14	15	27	27	29	14	14		
TN92GG18LR	1/2-14	18	27	32	31	14	14,5		
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		

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

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

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

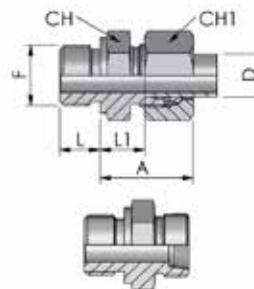
Notes

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	L
TN92GG06SR	1/4-19	6	19	17	28	12	13	L1
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

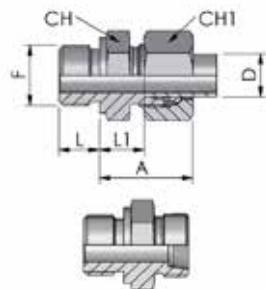
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)					
			F	mm	CH	CH1	A	L
TN9206LM	M10X1	6	14	14	23	8	8,5	L1
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	

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-SM

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

Norme - Norma: DIN 2353

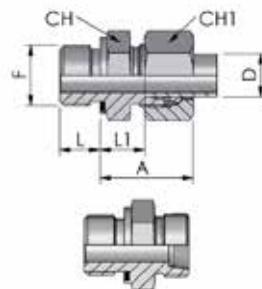
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)					
			F	mm	CH	CH1	A	L
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	

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

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

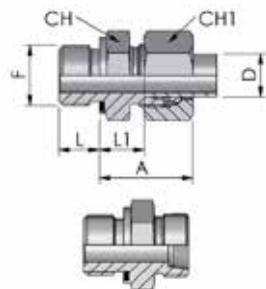
Notes

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)					
			F	mm	CH	CH1	A	L
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	

Note

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

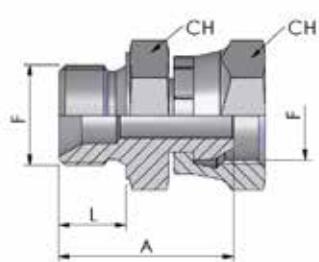


MALE X MALE ADAPTORS
ADATTATORI MASCHIO X MASCHIO

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



MALE X FEMALE ADAPTORS
ADATTATORI MASCHIO X FEMMINA

GGMFG

BSPP MALE X BSP FEMALE SWIVEL , 60° CONE
MASCHIO BSPP X FEMMINA GIREVOLE BSP, CONO 60°

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)					
			F	mm	CH	CH1	A	L
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	

Notes:

TO ORDER THE ADAPTORS WITHOUT NUT AND CUTTING RING, ADD THE INITIALS "SC" AT THE END OF THE CODE.

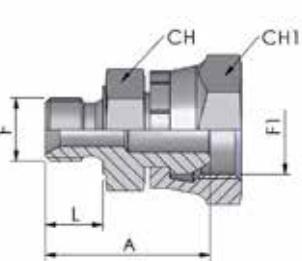
Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	L
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:

PER ORDINARE GLI ADATTATORI SENZA DADO E OGIVA AGGIUNGERE ALLA FINE DEL CODICE LA SIGLA "SC" (SOLO CORPO).

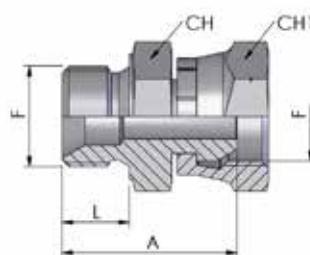
Note:



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°



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°

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

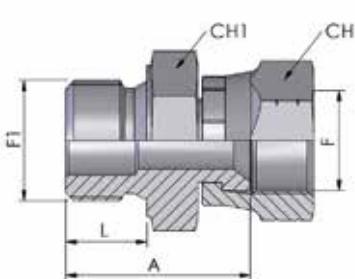
Notes:

Notes:

Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)			
	F	CH	CH1	A	L	
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:

Note:

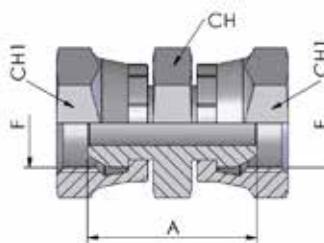


MALE X FEMALE ADAPTORS
ADATTATORI MASCHIO X FEMMINA

5049

JIC FEMALE SWIVEL 37° CONE X BSPP MALE
FEMMINA GIREVOLE JIC CONO 37° X MASCHIO BSPP

Norme - Norma: SAE J514



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:

* 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

Notes:

Note

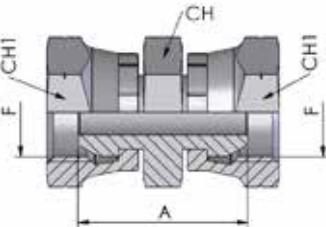
* ARTICOLO IN ESAURIMENTO

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	

FEMALE X FEMALE ADAPTORS
ADATTATORI FEMMINA X FEMMINA

GGFFM

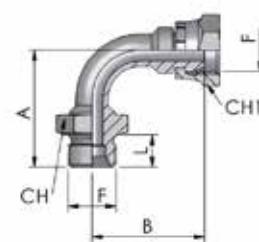
METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL , 60° CONE
FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°



Notes:

	Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	CH1	A
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°

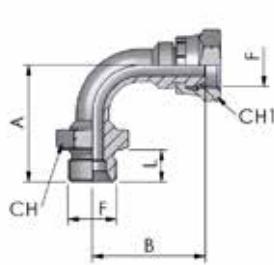
C90MFG

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	33	26	9,6
C90MFG04		1/4-19	19	19	43	33,6	12
C90MFG06		3/8-19	22	22	51,6	41,3	12
C90MFG08		1/2-14	27	27	59,8	48,6	14
C90MFG10		5/8-14	30	30	57	53	16
C90MFG12		3/4-14	32	32	73,9	62,1	16
C90MFG16		1"-11	41	38	93,7	72,8	18
C90MFG20		1"1/4-11	50	50	110,7	85,9	20
C90MFG24		1"1/2-11	55	55	123	91,5	22
C90MFG32		2"-11	70	70	120	108	24

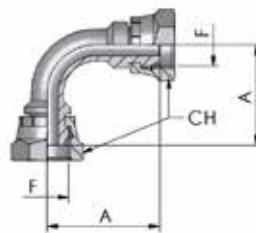
Note:



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°



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°

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	B
C90MFM10	M10x1	14	14	36	27	8
C90MFM12	M12x1,5	17	17	41	31	10
C90MFM14	M14x1,5	19	19	42	30	10,5
C90MFM16	M16x1,5	22	22	50	37	12,5
C90MFM18	M18x1,5	24	24	45	43	13
C90MFM20	M20x1,5	27	27	50	50	14
C90MFM22	M22x1,5	27	27	55	45	14,5
C90MFM26	M26x1,5	32	32	68	58	16

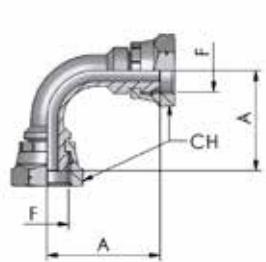
Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		CH	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:

Note:

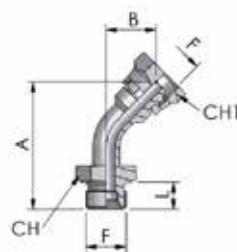


90° ADAPTORS
ADATTATORI 90°

C90FFM

SWEPT 90° METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL, 60° CONE

CURVA 90° FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°



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°

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
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	

Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	B
C45MFG02	1/8-28	14	14	50	20	8,5
C45MFG04	1/4-19	19	19	59,9	28,7	12
C45MFG06	3/8-19	22	22	72,3	34,2	12
C45MFG08	1/2-14	27	27	84,1	39,8	14
C45MFG10	5/8-14	30	30	70	32	15
C45MFG12	3/4-14	32	32	104,5	48,2	16
C45MFG16	1"-11	41	38	126,8	59,4	18
C45MFG20	1"1/4-11	50	50	90	37	20
C45MFG24	1"1/2-11	55	55	110	41	22
C45MFG32	2"-11	65	70	135	50	24

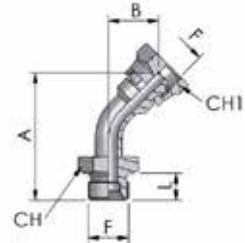
Note:

Note:

45° ADAPTORS
ADATTATORI 45°

C45MFM

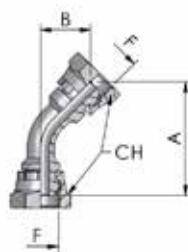
SWEPT 45° METRIC MALE X METRIC FEMALE SWIVEL, 60° CONE
CURVA 45° MASCHIO METRICO X FEMMINA GIREVOLE METRICA, CONO 60°



Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	B
C45MFM10	M10x1	14	14	50	20	8
C45MFM12	M12x1,5	17	17	50	20	10
C45MFM14	M14x1,5	19	19	52	22	10,5
C45MFM16	M16x1,5	22	22	58	25	12,5
C45MFM18	M18x1,5	24	24	60	26	13
C45MFM20	M20x1,5	27	27	65	28	14
C45MFM22	M22x1,5	27	27	70	28	14,5
C45MFM26	M26x1,5	32	32	82	33	16

Note:



Notes:

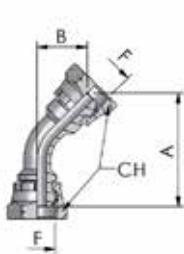
45° ADAPTORS
ADATTATORI 45°

C45FFG

SWEPT 45° BSP FEMALE SWIVEL X BSP FEMALE SWIVEL, 60° CONE
CURVA 45° FEMMINA GIREVOLE BSP X FEMMINA GIREVOLE BSP, CONO 60°

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:

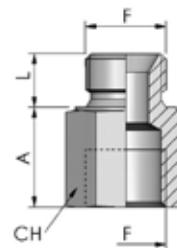


45° ADAPTORS
ADATTATORI 45°

C45FFM

SWEPT 45° METRIC FEMALE SWIVEL X METRIC FEMALE SWIVEL, 60° CONE

CURVA 45° FEMMINA GIREVOLE METRICA X FEMMINA GIREVOLE METRICA, CONO 60°



CONNECTORS
PROLUNGHE

PCG

SHORT CONNECTOR BSPP MALE 60° CONE X BSPP FEMALE PROLUNGA CORTA MASCHIO BSPP CONO 60° X FEMMINA BSPP

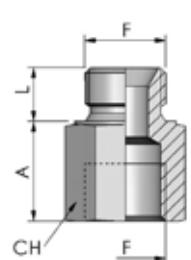
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	B
C45FFM14	M14x1,5	19	50	20	
C45FFM16	M16x1,5	22	55	24	
C45FFM18	M18x1,5	24	60	26	
C45FFM22	M22x1,5	27	60	26	

Notes:

Notes:

Note:

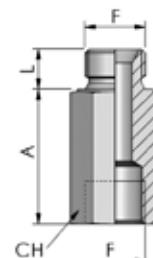
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
PCG02	1/8-28	14	15	9,6	
PCG04	1/4-19	19	24	11,2	
PCG06	3/8-19	22	25	13,6	
PCG08	1/2-14	27	26	14	
PCG10	5/8-14	30	25	16	
PCG12	3/4-14	32	25	16	
PCG16	1"-11	41	46	20,3	
PCG20	1"1/4-11	50	32	22	
PCG24	1"1/2-11	55	37	22	
PCG32	2"-11	70	36	24	
PCG40	2"1/2-11	85	40	25	



CONNECTORS
PROLUNGHE

PCM

SHORT CONNECTOR METRIC MALE 60° CONE X METRIC FEMALE
PROLUNGA CORTA MASCHIO METRICO CONO 60° X FEMMINA METRICA



CONNECTORS
PROLUNGHE

PLG

LONG CONNECTOR BSPP MALE 60° CONE X BSPP FEMALE
PROLUNGA LUNGA MASCHIO BSPP CONO 60° X FEMMINA BSPP

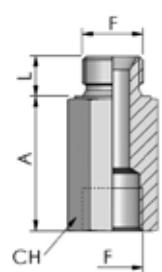
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
PCM10	M10x1	14	15	9	
PCM14	M14x1,5	19	17	11	
PCM16	M16x1,5	22	20	13	
PCM18	M18x1,5	24	20	13	
PCM20	M20x1,5	27	21,5	14,5	
PCM22	M22x1,5	27	21,5	14,5	
PCM26	M26x1,5	32	24	16	

Notes:

Notes:

Note:

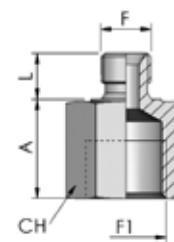
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
PLG02	1/8-28	14	30	9,6	
PLG04	1/4-19	19	40	11,2	
PLG06	3/8-19	22	41	12	
PLG08	1/2-14	27	46	14	
PLG08H50	1/2-14	27	36	14	
PLG10	5/8-14	30	45	15	
PLG12	3/4-14	32	55	17	
PLG16	1"-11	41	60	20,3	
PLG20	1"1/4-11	50	70	22	
PLG24	1"1/2-11	55	76	22	
PLG32	2"-11	70	80	24	



CONNECTORS
PROLUNGHE

PLM

LONG CONNECTOR METRIC MALE 60° CONE X METRIC FEMALE
PROLUNGA LUNGA MASCHIO METRICO CONO 60°X FEMMINA METRICA



CONNECTORS
PROLUNGHE

PCRG

SHORT REDUCER BSPP MALE 60° CONE X BSPP FEMALE
PROLUNGA CORTA DI RIDUZIONE MASCHIO BSPP CONO 60°X FEMMINA BSPP

	Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
	F	CH	A	L	
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	

Notes:

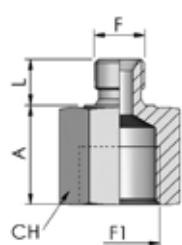
Notes:

* 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

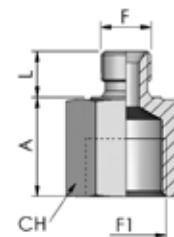


CONNECTORS
PROLUNGHE

PCRGGM

SHORT REDUCER BSPP MALE 60° CONE X METRIC FEMALE

PROLUNGA CORTA DI RIDUZIONE MASCHIO BSPP CONO 60° X FEMMINA METRICA



CONNECTORS
PROLUNGHE

PCRMG

SHORT REDUCER METRIC MALE 60° CONE X BSPP FEMALE

PROLUNGA CORTA DI RIDUZIONE MASCHIO METRICO CONO 60° X FEMMINA BSPP

Notes:

* WHILE STOCKS LAST

	Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)		
		F	F1	CH	A	L
PCRGGM0410	1/4-19	M10X1		17	14,5	10,5
PCRGGM0414	1/4-19	M14X1,5		17	16,5	10,5
PCRGGM0614	3/8-19	M14X1,5		22	20	13
PCRGGM0616	3/8-19	M16x1,5		22	20	13
PCRGGM0618	3/8-19	M18x1,5		22	20	13
PCRGGM0814	1/2-14	M14x1,5		27	19,5	15
PCRGGM0816	1/2-14	M16X1,5		27	19,5	15
PCRGGM0818	1/2-14	M18x1,5		27	19,5	15
PCRGGM0820*	1/2-14	M20x1,5		27	25,5	14
PCRGGM0822	1/2-14	M22x1,5		27	21	15

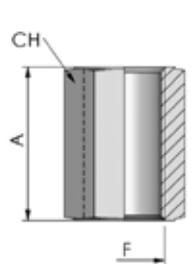
Note:

* ARTICOLO IN ESAURIMENTO

Notes:

	Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)		
		F	F1	CH	A	L
PCRMG1002		M10X1		14	15	9
PCRMG1404		M14x1,5		19	17	10,5
PCRMG1406		M14x1,5		22	19	11
PCRMG1604		M16X1,5		22	20	13
PCRMG1606		M16X1,5		22	20	13
PCRMG1804		M18x1,5		24	20	14
PCRMG1806		M18x1,5		24	20	14
PCRMG1808		M18x1,5		27	22	14
PCRMG2206		M22x1,5		27	19,5	15
PCRMG2208		M22x1,5		27	22	15

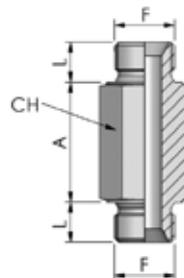
Note:



CONNECTORS
PROLUNGHE

PCFFG

SHORT CONNECTOR BSPP FEMALE X BSPP FEMALE
PROLUNGA CORTA FEMMINA BSPP X FEMMINA BSPP



CONNECTORS
PROLUNGHE

PLMMG

LONG CONNECTOR BSPP MALE X BSPP MALE, 60° CONE
PROLUNGA LUNGA MASCHIO BSPP X MASCHIO BSPP, CONO 60°

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	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	

Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	CH	A
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

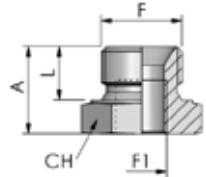
Note:

Note:

CONNECTORS
PROLUNGHE

RMN

BSPP REDUCER BSPP MALE 60° CONE X BSPP FEMALE
RIDUZIONE MEZZO NIPPLE BSPP, CONO 60°



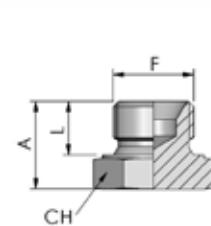
Notes:

* 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

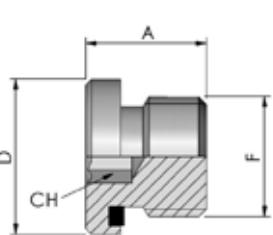
TMG

BSPP PLUG, 60° CONE
TAPPO MASCHIO BSPP, CONO 60°

Notes:

Note:

	Code Article Codice Articolo	Thread Filetto		Dimensions (mm) Dimensioni (mm)		
		F	CH	A	L	
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



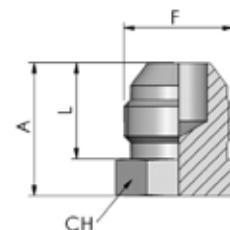
PLUGS
TAPPI MASCHIO

TMBORG

BSPP PLUG INNER HEXAGON, O-RING

TAPPO MASCHIO BSPP ESAGONO INCASSATO, O-RING

Norme - Norma: ISO 1179



PLUGS
TAPPI MASCHIO

5045

JIC PLUG

TAPPO MASCHIO JIC

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	D
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

Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
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

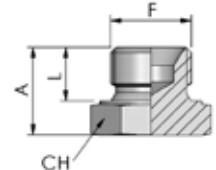
Note:

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	L	
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	

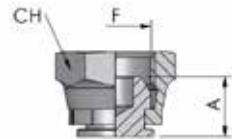
Note:

* ARTICOLO IN ESAURIMENTO

CAPS
TAPPI FEMMINA

TFG

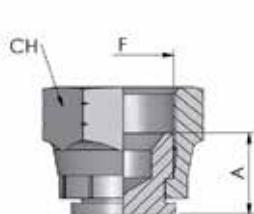
BSP SWIVEL CAP, 60° CONE
TAPPO FEMMINA GIREVOLE BSP, CONO 60°



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
TAPPO FEMMINA

5043

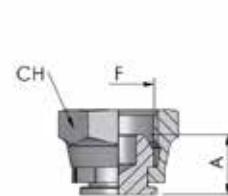
JIC SWIVEL CAP, 37° CONE
TAPPO FEMMINA GIREVOLE JIC, CONO 37°

Norme - Norma: SAE J514

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		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

Notes

* WHILE STOCKS LAST



CAPS
TAPPO FEMMINA

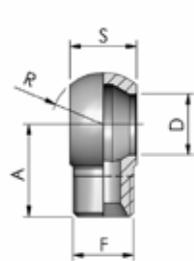
TFM

METRIC SWIVEL CAP, 60° CONE
TAPPO FEMMINA GIREVOLE METRICA, CONO 60°

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		CH	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

Notes

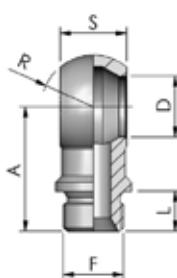
Note
* ARTICOLO IN ESAURIMENTO



BANJOS
OCCHI

OFG

BSP BANJO X BSPP MALE 60° CONE
OCCHIO BSP X MASCHIO BSPP CONO 60°



BANJOS
OCCHI

OFBG

BSP BANJO X BSPP MALE WITH COLLAR 60° CONE
OCCHIO BSP X MASCHIO BSPP CON BATTUTA CONO 60°

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"

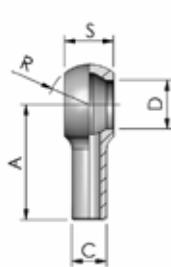
Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)					
		F	A	L	R	S	D
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:

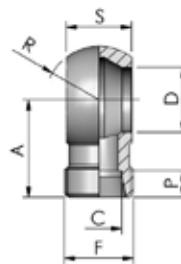
Note:



BANJOS
OCCHI

OFC

BSP BANJO X STANDPIPE
OCCHIO BSP X CODOLO



BANJOS
OCCHI

OFL

BSP BANJO X METRIC MALE 24° CONE, LIGHT
OCCHIO BSP X MASCHIO METRICO CONO 24°, SERIE LEGGERA

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	A	C	R	S
OFC0612		40	12	14	17	3/8

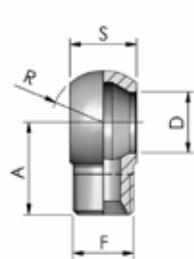
Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)					
		F	A	C	R	P	S
OFL0612	M18x1,5	25,4	12	14	8	17	3/8

Note:

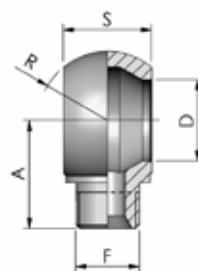
Note:

BANJOS
OCCHI**OFM**METRIC BANJO X METRIC MALE 60° CONE
OCCHIO METRICO X MASCHIO METRICO CONO 60°

Notes:

* WHILE STOCKS LAST

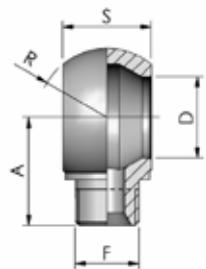
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	A	S	D
OFM10	M10x1	18		10,5	M10
OFM14	M14x1,5	25		14	M14
OFM16	M16x1,5	27		17	M16
OFM18	M18x1,5	30		20	M18
OFM20*	M20x1,5	52		22	M20
OFM22	M22x1,5	32		22,5	M22

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
OFRG0604	1/4-19	26		14	17
OFRG0804	1/4-19	30		18	23
OFRG0806	3/8-19	28,2		18	23
					1/2



BANJOS
OCCHI

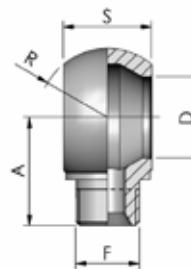
OFRGM

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	



BANJOS
OCCHI

OFRMG

METRIC BANJO X BSP MALE 60° CONE
OCCHIO METRICO X MASCHIO BSP CONO 60°

Notes:

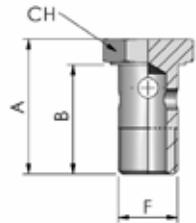
* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	A	R	S	D
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	

BOLTS FOR BANJOS
BULLONI FORATI

BFG

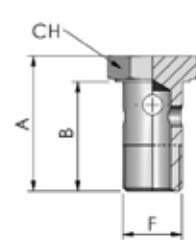
BSP BANJO BOLT
BULLONE FORATO BSP



Notes:

	Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions (mm) <i>Dimensioni (mm)</i>		
		F	CH	A	B
	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

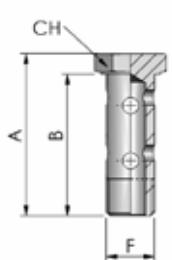
BFM

METRIC BANJO BOLT
BULLONE FORATO METRICO

Notes:

	Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions (mm) <i>Dimensioni (mm)</i>		
		F	CH	A	B
	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

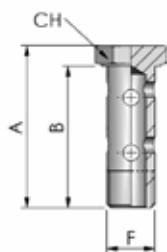
Note:



BOLTS FOR BANJOS
BULLONI FORATI

BFDG

BSP DOUBLE BANJO BOLT
BULLONE FORATO DOPPIO BSP



BOLTS FOR BANJOS
BULLONI FORATI

BFDM

METRIC DOUBLE BANJO BOLT
BULLONE FORATO DOPPIO METRICO

Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions (mm) <i>Dimensioni (mm)</i>			
		F	CH	A	B
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

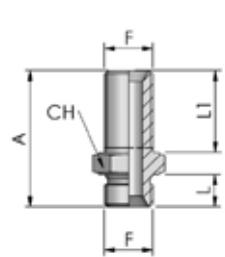
Notes:

Notes:

Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions (mm) <i>Dimensioni (mm)</i>			
		F	CH	A	B
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:

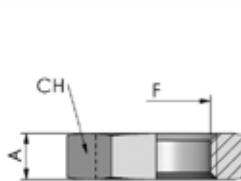
Note:



BULKHEAD
PASSAPARETE

P

BSPP BULKHEAD UNION 60° CONE
PASSAPARETE BSPP CONO 60°



NUTS
DADI

C

NUT FOR BSPP BULKHEAD UNION
CONTRODADO PER PASSAPARETE BSPP

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

Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	CH
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:

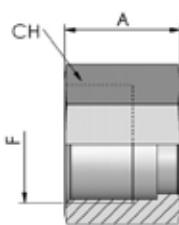
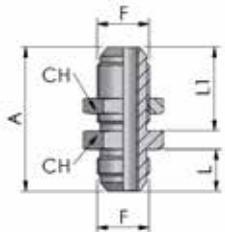
Note:

BULKHEAD
PASSAPARETE

5053

JIC BULKHEAD UNION 37° CONE
PASSAPARETE JIC CONO 37°

Norme - Norma: SAE J514



NUTS
DADI

5013

UN / UNF TUBE NUT
DADO UN / UNF

Norme - Norma: SAE J514

Notes:

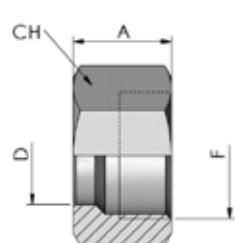
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	L
50530004	7/16-20	17	52,6	14	31,5
50530005	1/2-20	19	52,6	14	31,5
50530006	9/16-18	22	55,5	14,1	33,5
50530008	3/4-14	24	62	16,7	37,6
50530010	7/8-14	30	69,6	19,3	41,1
50530012	1"1/16-12	36	78,2	21,8	45
50530016	1"5/16-12	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

Notes:

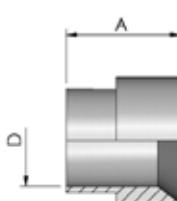
Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	CH
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

RINGS
BUSSOLE**5015**BUSH
BUSSOLA

Norme - Norma: SAE J514

Code Article Codice Articolo	Thread Filetto	Tube Tubo	Dimensions (mm) Dimensioni (mm)		
			F	mm	CH
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

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	A
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

Notes:

Notes:

Note:

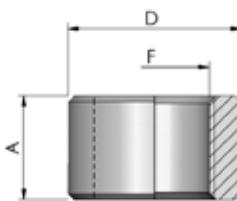
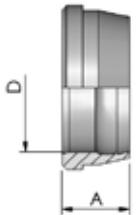
Note:

RINGS
BUSSOLE

TN88

CUTTING RING
ANELLO DI SERRAGGIO

Norme - Norma: DIN 2353



WELD ADAPTORS
ADATTATORI A SALDARE

BSG

BSPP WELD BOSS
BORCHIA A SALDARE BSPP

Code Article Codice Articolo	Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		A	D
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

Notes:

Notes:

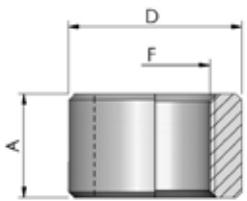
* WHILE STOCKS LAST

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		A	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:

Note:

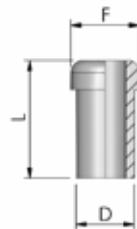
* ARTICOLO IN ESAURIMENTO



WELD ADAPTORS
ADATTATORI A SALDARE

BSM

METRIC WELD BOSS
BORCHIA A SALDARE METRICA



WELD ADAPTORS
ADATTATORI A SALDARE

OSSG

BSP WELD FEMALE, 60° CONE
FEMMINA SEDE OGIVA A SALDARE BSP, CONO 60°

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	A
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

Notes:

* WHILE STOCKS LAST

Notes:

A: CODE FOR NUT TO USE

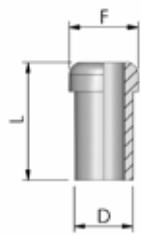
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	A	L
OSSG04	1/4-19	DBP04	21,8	8,5
OSSG06	3/8-19	DBP06	25	13
OSSG08	1/2-14	DBP08	30,8	15,2
OSSG12	3/4-14	DBP12	36	21,8
OSSG16	1"-11	DBP16	39	27,8
OSSG20	1"1/4-11	DBP20	42	35
OSSG24	1"1/2-11	DBP24	44	41
OSSG32	2"-11	DBP32	44	51,5
OSSG40	2"1//2-11	DBP40	46	65
OSSG48	3"-11	DBP48	48	78,5

Note:

* ARTICOLO IN ESAURIMENTO

Note:

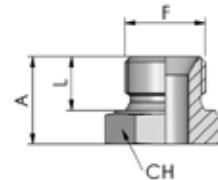
A: CODICE DADO DA UTILIZZARE



WELD ADAPTORS
ADATTATORI A SALDARE

OSSM

METRIC WELD FEMALE, 60° CONE
FEMMINA SEDE OGIVA A SALDARE METRICO, CONO 60°



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	L	D
OSSM18*	M18x1,5	25	12,9	
OSSM22*	M22x1,5	29,8	15,5	

Note:

* ARTICOLO IN ESAURIMENTO

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

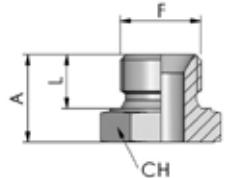
Note:

* 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	L
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

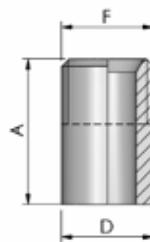
Note:

* ARTICOLO IN ESAURIMENTO

WELD ADAPTORS
ADATTATORI A SALDARE

MNTG

BSPP HALF WELD ROUND NIPPLE, 60° CONE
MEZZO NIPPLE TONDO A SALDARE BSPP, CONO 60°



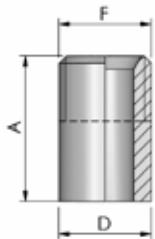
Notes:

* WHILE STOCKS LAST

	Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	A	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:

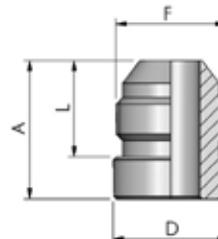
* ARTICOLO IN ESAURIMENTO



WELD ADAPTORS
ADATTATORI A SALDARE

MNTM

METRIC HALF WELD ROUND NIPPLE, 60° CONE
MEZZO NIPPLE TONDO A SALDARE METRICO, CONO 60°



WELD ADAPTORS
ADATTATORI A SALDARE

5039

JIC HALF WELD NIPPLE, 37° CONE
MEZZO NIPPLE A SALDARE JIC, CONO 37°

Norme - Norma: SAE J514

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)		
		F	A	D
MNTM18*	M18x1,5	32,4	18	

Notes:

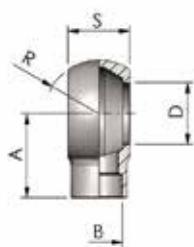
* WHILE STOCKS LAST

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:

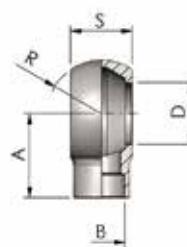
* ARTICOLO IN ESAURIMENTO



WELD ADAPTORS
ADATTATORI A SALDARE

OCSG

BSP WELD BANJO FOR TUBE
OCCHIO A SALDARE BSP



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
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

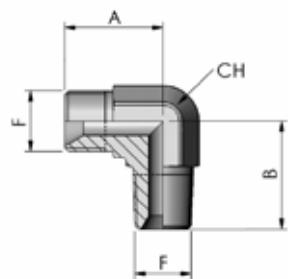
Notes:

* WHILE STOCKS LAST

Note:

* ARTICOLO IN ESAURIMENTO

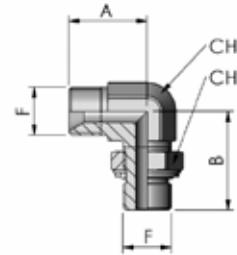
Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)				
	D	B	A	R	S
OCSM0804*	M8	4	15	7	8
OCSM0805*	M8	5	15	7	8
OCSM1006	M10	6	17	8,5	10
OCSM1206*	M12	6	22	10	12
OCSM1208	M12	8	22	10	12
OCSM1410	M14	10	24	12	14
OCSM1414*	M14	14	29	14	18
OCSM1610*	M16	10	28	14	18
OCSM1612	M16	12	28	14	17
OCSM1812	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



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

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	A	B
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

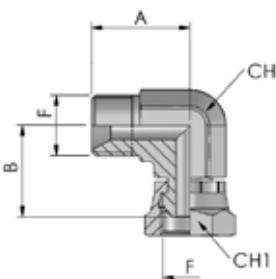
Notes:

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	B
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:

Note:



FORGED ADAPTORS
ADATTATORI FORGIATI

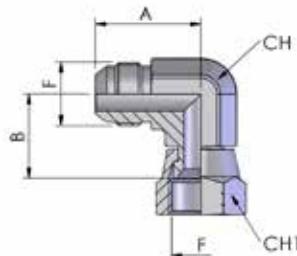
C90MFGC

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	B
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



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

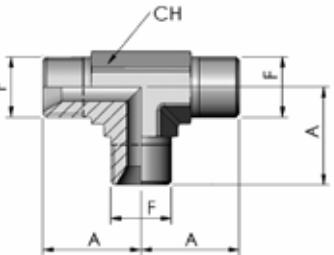
Notes:

	Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A	B
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

FORGED ADAPTORS
ADATTATORI FORGIATI

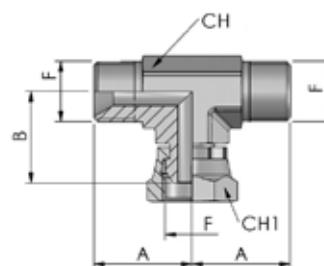
TMMM

"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	
TMMMO4		1/4-19	14	26	
TMMMO6		3/8-19	19	29	
TMMMO8		1/2-14	22	34	
TMMMO12		3/4-14	27	41	
TMMMO16		1"-11	33	45	



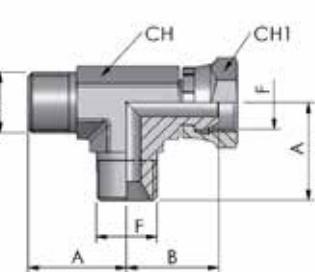
Notes:

FORGED ADAPTORS
ADATTATORI FORGIATI

TMFM

"T" BSPP MALE X FEMALE X MALE, 60° CONE
"T" BSPP MASCHIO X FEMMINA X MASCHIO, CONO 60°

	Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)			
		F	CH	CH1	A	B
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

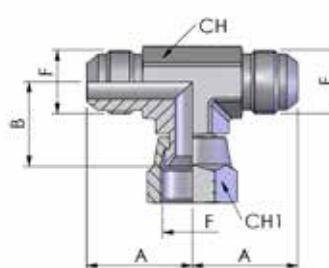


FORGED ADAPTORS
ADATTATORI FORGIATI

TMMF

"T" BSPP MALE X MALE X FEMALE, 60° CONE

"T" BSPP MASCHIO X MASCHIO X FEMMINA, CONO 60°



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

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	B
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	

Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	B
5455004	7/16-20	11	17	22,6	17	
5455005	1/2-20	13	19	24,1	18,5	
5455006	9/16-18	14	19	26,9	23	
5455008	3/4-16	19	22	32	25	
5455010	7/8-14	22	27	36,8	28,5	
5455012	1"1/16-12	27	32	42,2	31,5	
5455016	1"5/16-12	33	38	46	36,5	
5455020	1"5/8-12	41	50	52,3	44	
5455024	1"7/8-12	48	60	59,2	44,9	

Notes:

Note:

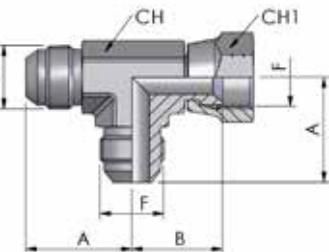
Note:

FORGED ADAPTORS
ADATTATORI FORGIATI

5459

"T" JIC MALE X MALE X FEMALE, 37° CONE
"T" JIC MASCHIO X MASCHIO X FEMMINA, CONO 37°

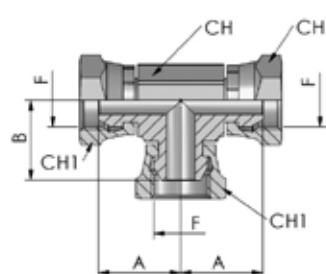
Norme - Norma: SAE J514



Notes:

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)				
		F	CH	CH1	A	B
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

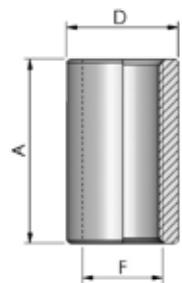
TFFF

"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	B
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

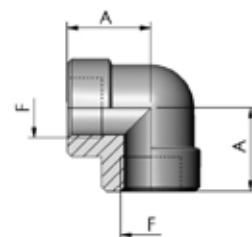
MFF

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)	
		A	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:

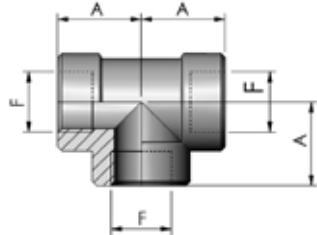
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		F	A
C90ASAG02	1/8-28	18	21
C90ASAG04	1/4-19	21	21
C90ASAG06	3/8-19	25	25
C90ASAG08	1/2-14	29	29
C90ASAG12	3/4-14	34	34
C90ASAG16	1"-11	38	38
C90ASAG20	1"1/4-11	45	45
C90ASAG24	1"1/2-11	51	51
C90ASAG32	2"-11	60	60

Note:

ASA 2000 ADAPTORS
ADATTATORI ASA2000

TASAG

"T" BSPP FIXED FEMALES, ASA 2000
"T" BSPP FEMMINE FISSE, ASA 2000



Notes:

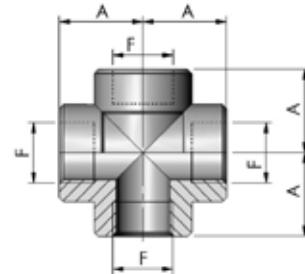
Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)
	F	A
TASAG02	1/8-28	21
TASAG04	1/4-19	21
TASAG06	3/8-19	25
TASAG08	1/2-14	29
TASAG12	3/4-14	34
TASAG16	1"-11	38
TASAG20	1"1/4-11	45
TASAG24	1"1/2-11	51
TASAG32	2"-11	60

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)	
		S	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

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		S	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

Note

AUTOCENTRANTE
QUANTITA' PER SCATOLA:
100 PZ

SEALS
RONDELLE

RRG

BSP COPPER SEAL
RONDELLA RAME BSP



Notes

BOX QUANTITY:
100 PCS

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		S	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

Code Article Codice Articolo	Thread Filetto	Dimensions (mm) Dimensioni (mm)	
		S	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

Note

QUANTITA' PER SCATOLA:
100 PZ

HYDRAULIC HOSES
TUBI IDRAULICI

Hoses

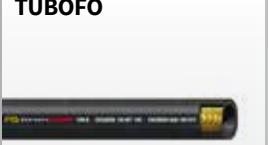
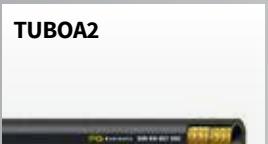
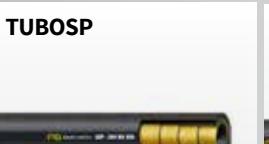
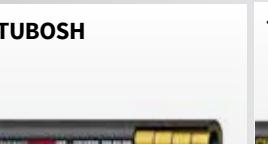
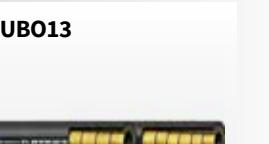
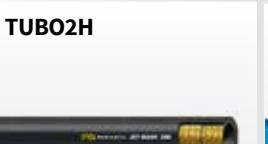
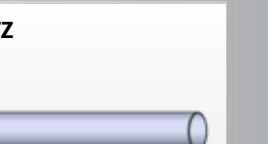
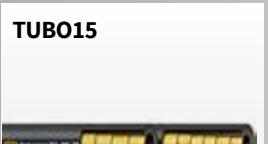
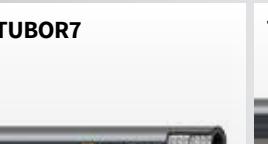
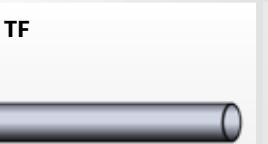
PREMIUM FB

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	TUBO1R	TUBOMA	TUBO2R	TUBOR8	TUBO8B	TUBO7T	TUBOBT
							
256	257	258	259	272	273	274	275
PREMIUM HOSE 1 WIRE BRAID COMPACT 1SNK TUBO PREMIUM 1 TRECCIA COMPATTO 1SNK	PREMIUM HOSE 1 WIRE BRAID COMPACT 1SNK ANTIABRASION TUBO PREMIUM 1 TRECCIA COMPATTO 1SNK ANTIABRASIONE	PREMIUM HOSE 2 WIRE BRAIDS COMPACT 2SNK TUBO PREMIUM 2 TRECCE COMPATTO 2SNK	PREMIUM HOSE 2 WIRE BRAIDS COMPACT 2SNK ANTIABRASION TUBO PREMIUM 2 TRECCE COMPATTO 2SNK ANTIABRASIONE	THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS R8 TUBO TERMOPLASTICO 2 TRECCE TESSILI R8	THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS TWIN R8 TUBO TERMOPLASTICO 2 TRECCE TESSILI BINATO R8	THERMOPLASTIC HOSE 1 WIRE BRAID TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO BINATO	THERMOPLASTIC HOSE 1 WIRE STEEL BRAID TWIN TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO BINATO
TUBO1T	TUBO2T	TUBOBI	TUBOE1	TUBOR6	TUBOAN	SPR4	TUBO1H
							
260	261	262	263	276	277	278	279
HOSE 1 WIRE BRAID 1SN TUBO 1 TRECCIA 1SN	HOSE 2 WIRE BRAIDS 2SN TUBO 2 TRECCE 2SN	TUBO 3 WIRE BRAIDS SPC3 TUBO 3 TRECCE SPC3	HOSE 1 WIRE BRAID FOR VERY HIGH TEMPERATURE TUBO 1 TRECCIA PER TEMPERATURA ELEVATA	HOSE 1 WIRE FIBER BRAID R6 TUBO 1 TRECCIA TESSILE R6	HOSE 1 WIRE FIBER BRAID FOR HYDROCARBONS TUBO 1 TRECCIA TESSILE PER IDROCARBURI	SUCTION HOSE 1 WIRE FIBER BRAID AND 1 STEEL SPIRAL R4 TUBO ASPIRAZIONE 1 TRECCIA TESSILE E 1 SPIRALE IN ACCIAIO R4	HOSE 1 WIRE BRAID JET WASH 1SN TUBO 1 TRECCIA IDROPULITRICE 1SN
TUBOA2	TUBOSP	TUBOSH	TUBO13	TUBO2H	TUBO1M	TUBO2M	TFZ
							
264	265	266	267	280	281	282	283
HOSE 2 WIRE BRAIDS COMPACT ANTIABRASION 2SC SCHIELD TUBO 2 TRECCE COMPATTO ANTIABRASIONE 2SC SCHIELD	HOSE 4 SPIRALS 4SP TUBO 4 SPIRALI 4SP	HOSE 4 SPIRALS 4SH TUBO 4 SPIRALI 4SH	HOSE 4-6 SPIRALS R13 TUBO 4-6 SPIRALI R13	HOSE 2 WIRE BRAIDS JET WASH 2SN TUBO 2 TRECCE IDROPULITRICE 2SN	HOSE 1 WIRE BRAID JET WASH BLUE 1SN TUBO 1 TRECCIA IDROPULITRICE BLU 1SN	HOSE 2 WIRE BRAIDS JET WASH BLUE 2SN TUBO 2 TRECCE IDROPULITRICE BLU 2SN	STEEL PIPE ST37.4 WITHOUT WELDING, GALVANIZED TUBO IN ACCIAIO ST37.4 SENZA SALDATURE ZINCATO
TUBO15	TUBOL5	TUBOR7	TUBO7B	TF			index
							3
268	269	270	271	285			256
HOSE 4-6 SPIRALS R15 TUBO 4-6 SPIRALI R15	THERMOPLASTIC HOSE 1 WIRE FIBER BRAID TUBO TERMOPLASTICO 1 TRECCIA TESSILE	THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS R7 TUBO TERMOPLASTICO 2 TRECCE TESSILI R7	THERMOPLASTIC HOSE 2 WIRE FIBER BRAIDS TWIN R7 TUBO TERMOPLASTICO 2 TRECCE TESSILI BINATO R7	STEEL PIPE ST37.4 WITHOUT WELDING, NOT GALVANIZED TUBO IN ACCIAIO ST37.4 SENZA SALDATURE NON ZINCATO			285

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



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	
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



WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBO1R

PREMIUM HOSE 1 WIRE BRAID COMPACT 1SNK ANTIABRASION
TUBO PREMIUM 1 TRECCIA COMPATTO 1SNK ANTIABRASIONE

Norme - Norma: 1SNK EXCEEDS EN 857 1SC - SAE 100 R17

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	
TUBO041R	1/4	6	10,1	12	290	4205	1160	40	0,17	BUK04
TUBO051R	5/16	8	11,4	13,6	250	3625	1000	55	0,21	BUK05
TUBO061R	3/8	10	13,6	15,9	230	3335	920	65	0,26	BUK06
TUBO081R	1/2	12	16,9	19,2	200	2900	800	80	0,34	BUK08
TUBO101R	5/8	16	20,3	22,3	150	2175	600	105	0,39	BUK10
TUBO121R	3/4	19	23,9	26,1	125	1815	500	120	0,50	BUK12
TUBO161R	1"	25	31	33,1	110	1595	440	160	0,74	BUK16
TUBO201R	1 1/4	31	40,2	43,7	100	1450	400	300	1,28	BUN20

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

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

Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT AGAINST HYDRAULIC FLUIDS
REINFORCEMENT:
ONE BRAID OF HIGH TENSILE STEEL WIRE COVER:
ANTIABRASION SYNTHETIC RUBBER AND OZONE RESISTANT
TEMPERATURE RANGE (FLUID):
FROM -40 °C TO 100 °C

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE AGLI OLII
RINFORZO:
UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ COPERTURA:
GOMMA SINTETICA ANTIABRASIONE RESISTENTE 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

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBO2R



PREMIUM HOSE 2 WIRE BRAIDS COMPACT 2SNK ANTIABRASION
TUBO PREMIUM 2 TRECCE COMPATTO 2SNK ANTIABRASIONE

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 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	
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

Notes

TUBE:
SYNTHETIC RUBBER, RESISTANT AGAINST HYDRAULIC FLUIDS
REINFORCEMENT:
TWO BRAIDS OF HIGH TENSILE STEEL WIRE COVER:
ANTIABRASION SYNTHETIC RUBBER AND OZONE RESISTANT
TEMPERATURE RANGE (FLUID):
FROM -40 °C TO 100 °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	
TUBO042R	1/4	6	11,4	13,4	450	6525	1800	45	0,27	BUK04
TUBO052R	5/16	8	13	15	420	6090	1680	60	0,31	BUK05
TUBO062R	3/8	10	14,9	17	385	5585	1540	70	0,39	BUK06
TUBO082R	1/2	12	18,7	20,7	345	5000	1380	90	0,52	BUK08
TUBO102R	5/8	16	21,6	23,6	290	4205	1160	130	0,61	BUK10
TUBO122R	3/4	19	25,7	27,7	280	4060	1120	160	0,79	BUK12
TUBO162R	1"	25	32,9	35,6	200	2900	800	210	1,15	BUK16
TUBO202R	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 ANTIABRASIONE, RESISTENTE 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



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

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	
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

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 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	
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

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 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	
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:
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

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

TUBOBI



HOSE 3 WIRE BRAIDS SPC3
TUBO 3 TRECCE SPC3

Norme - Norma: PRESSURE VALUES RESISTANCE ACCORDING TO DIN EN 856 4SP



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 TEMPERATURA ELEVATE

Norme - Norma: ECCEDE / EXCEEDS DIN EN 853 1SN

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 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	
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 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

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

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	
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

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE AGLI OLII
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

WIRE BRAIDED HOSES FOR MEDIUM - HIGH PRESSURE
TUBI TRECCIATI PRESSIONI MEDIO - ALTE

TUBOA2



HOSE 2 WIRE BRAIDS COMPACT ANTIABRASION 2SC "SCHIELD"
TUBO 2 TRECCE COMPATTO ANTIABRASIONE 2SC "SCHIELD"

Norme - Norma: DIN EN 857 2SC

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:
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

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE AGLI OLI
RINFORZO:
DUE TRECCE 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

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	
TUB005A2	5/16	8	12,6	14,6	350	5075	1400	85	0,30	BUK05
TUB006A2	3/8	10	14,7	16,6	330	1785	1320	90	0,37	BUK06
TUB008A2	1/2	12	18	20	275	3990	1100	130	0,45	BUK08
TUB010A2	5/8	16	21,9	23,9	250	3625	1000	170	0,61	BUK10
TUB012A2	3/4	19	25,5	27,6	215	3120	860	200	0,76	BUK12
TUB016A2	1"	25	32,9	35,6	165	2395	660	250	1,15	BUK16

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

Note

SOTTOSTRATO:
GOMMA SINTETICA RESISTENTE AGLI OLI
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

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	
TUB006SP	3/8	10	17,4	21,1	445	6455	1780	180	0,70	B4P06
TUB008SP	1/2	12	20,6	24,2	425	6165	1700	230	0,85	B4P08
TUB010SP	5/8	16	24,2	27,9	350	5075	1560	250	1,04	B4P10
TUB012SP	3/4	19	27,9	32	350	5075	1540	300	1,32	B4P12
TUB016SP	1"	25	35,1	38,9	320	4640	1280	340	2,06	B4P16
TUB020SP	1"1/4	31	45,9	50,5	210	3045	960	460	3,14	B4P20
TUB024SP	1"1/2	38	52,1	56,8	185	2685	840	560	3,61	B4P24
TUB032SP	2"	51	65,4	70,2	165	2395	660	660	5,13	B4P32

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



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 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'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 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	
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

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

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	
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

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

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

THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBOL5



THERMOPLASTIC HOSE 1 WIRE FIBER BRAID
TUBO TERMOPLASTICO 1 TRECCIA TESSILE

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

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	
TUBO1215	3/4	19	28,3	31,9	420	6090	1680	265	1,43	B4112
TUBO1615	1'	25	35,4	38,7	420	6090	1680	330	2,16	B4116
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

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)	mm	bar	psi	bar	mm	Kg/mt	
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:
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

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
UNA TRECCIA IN FIBRA DI POLIESTERE
COPERTURA:
POLIURETANO ANTIABRASIONE, STABILIZZATO AI RAGGI UV E RESISTENTE AI MICRORGANISMI
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)	mm	bar	psi	bar	mm	Kg/mt	
TUB003R7	3/16	5	10	210	3045	840	30	0,07	B1C03
TUB004R7	1/4	6	11,8	200	2900	800	35	0,09	B1C04
TUB005R7	5/16	8	14,3	190	2755	760	45	0,13	B1C05
TUB006R7	3/8	10	16	175	2537	700	55	0,16	B1C06
TUB008R7	1/2	12	20,3	140	2030	560	75	0,22	B1C08
TUB010R7	5/8	16	23,5	105	1522	420	120	0,28	B1C10
TUB012R7	3/4	19	26,5	90	1305	360	145	0,33	B1C12
TUB016R7	1"	25	32,5	70	1015	280	200	0,4	B1C16



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

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
FIBRA DI POLIESTERE
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICRORGANISMI
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

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)	mm	bar	psi	bar	mm	Kg/mt	
TUB0037B	3/16	5	10	210	3045	840	30	0,07	B1C03
TUB0047B	1/4	6	11,8	200	2900	800	35	0,09	B1C04
TUB0057B	5/16	8	14,3	190	2755	760	45	0,13	B1C05
TUB0067B	3/8	10	16	175	2537	700	55	0,16	B1C06
TUB0087B	1/2	12	20,3	140	2030	560	75	0,22	B1C08
TUB0107B	5/8	16	23,5	105	1522	420	120	0,28	B1C10
TUB0127B	3/4	19	26,5	90	1305	360	145	0,33	B1C12
TUB0167B	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
MICRORGANISMI
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)	mm	bar	psi	bar	mm	Kg/mt	
TUB003R8	3/16	5	10	350	5075	1400	35	0,07	B1C03
TUB004R8	1/4	6	11,8	350	5075	1400	50	0,09	B1C04
TUB005R8	5/16	8	14,3	325	4712	1300	60	0,13	B1C05
TUB006R8	3/8	10	16	280	4060	1120	70	0,15	B1C06
TUB008R8	1/2	12	20,3	245	3552	980	95	0,23	B1C08
TUB010R8	5/8	16	23,5	195	2827	780	125	0,27	B1C10
TUB012R8	3/4	19	26,5	162	2392	660	150	0,35	B1C12
TUB016R8	1"	25	34,7	145	2100	580	200	0,5	B1C16



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

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)	mm	bar	psi	bar	mm	Kg/mt	
TUB003B	3/16	5	10	350	5075	1400	35	0,07	B1C03
TUB004B	1/4	6	11,8	350	5075	1400	50	0,09	B1C04
TUB005B	5/16	8	14,3	325	4712	1300	60	0,13	B1C05
TUB006B	3/8	10	16	280	4060	1120	70	0,15	B1C06
TUB008B	1/2	12	20,3	245	3552	980	95	0,23	B1C08
TUB010B	5/8	16	23,5	195	2827	780	125	0,27	B1C10
TUB012B	3/4	19	26,5	162	2392	660	150	0,35	B1C12
TUB016B	1"	25	34,7	145	2100	580	200	0,5	B1C16

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
MICRORGANISMI
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

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)		mm	bar	psi	bar	mm	Kg/mt
TUB0037T	3/16	5	10	325	4710	1300	30	0,13	B1C03
TUB0047T	1/4	6	11,9	300	4350	1200	40	0,17	B1C04
TUB0057T	5/16	8	14	240	3480	690	50	0,22	B1C05
TUB0067T	3/8	10	16	225	3262	900	60	0,26	B1C06
TUB0087T	1/2	12	19,2	190	2755	760	75	0,33	B1C08
TUB0107T	5/8	16	23,3	150	2175	600	110	0,41	B1C10
TUB0127T	3/4	19	26,5	130	1885	520	150	0,45	BUK12
TUB0167T	1"	25	32,5	105	1520	420	185	0,59	BUK16



THERMOPLASTIC HOSES
TUBI TERMOPLASTICI

TUBOBT

THERMOPLASTIC HOSE 1 WIRE STEEL BRAID MTH1 TWIN
TUBO TERMOPLASTICO 1 TRECCIA ACCIAIO MTH1 BINATO

Note

SOTTOSTRATO:
POLIESTERE TERMOPLASTICO
RINFORZO:
UNA TRECCIA DI ACCIAIO AD ALTA TENACITÀ
COPERTURA:
POLIURETANO ANTIABRASIONE,
STABILIZZATO AI RAGGI UV E RESISTENTE AI
MICRORGANISMI
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

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)		mm	bar	psi	bar	mm	Kg/mt
TUB003BT	3/16	5	10	325	4710	1300	30	0,13	B1C03
TUB004BT	1/4	6	11,9	300	4350	1200	40	0,17	B1C04
TUB005BT	5/16	8	14	240	3480	690	50	0,22	B1C05
TUB006BT	3/8	10	16	225	3262	900	60	0,26	B1C06
TUB008BT	1/2	12	19,2	190	2755	760	75	0,33	B1C08
TUB010BT	5/8	16	23,3	150	2175	600	110	0,41	B1C10
TUB012BT	3/4	19	26,5	130	1885	520	150	0,45	BUK12
TUB016BT	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
MICRORGANISMI
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

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 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	
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



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)	mm	bar	psi	bar	mm	Kg/mt	
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 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 -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)	mm	bar	psi	bar	mm	Kg/mt	
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 IDROPULITRICE

TUBO1H



HOSE 1 WIRE BRAID JET WASH 1SN
TUBO 1 TRECCIA IDROPULITRICE 1SN

Norme - Norma: DIMENSIONS AND TOLLERANCES ACCORDING TO DIN EN 853 1SN

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)	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

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

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 IDROPULITRICE

TUBO2H



HOSE 2 WIRE BRAIDS JET WASH 2SN
TUBO 2 TRECCE IDROPULITRICE 2SN

Norme - Norma: DIMENSIONS AND TOLLERANCES ACCORDING TO DIN EN 853 2SN

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	
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

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

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

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	
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

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

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

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 TRECCE 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 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	
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 ACCIAO ST37.4 SENZA SALDATURE, ZINCATO

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 ACCIAO ST37.4 SENZA SALDATURA, ZINCATO

Notes

MATERIAL:
ST37.4 WITHOUT WELDING
SURFACE TREATMENT:
Cr3 GALVANIZATION

BAR LENGTH 6 METERS

Code Article Codice Articolo	Inside mm	Out mm	Weight Peso Kg/mt
TFZ422.0	38	42	1,97
TFZ423.0	36	42	2,89

STEEL TUBES
TUBI IN ACCIAIO

TF



STEEL PIPE ST37.4 WITHOUT WELDING, NOT GALVANIZED
TUBO IN ACCIAO ST37.4 SENZA SALDATURA, NON ZINCATO

Notes

MATERIAL:
ST37.4 WITHOUT WELDING
SURFACE TREATMENT:
NOT GALVANIZED

BAR LENGTH 6 METERS

Note

MATERIAL:
ST37.4 SENZA SALDATURE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3

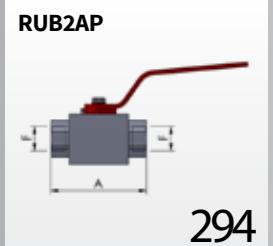
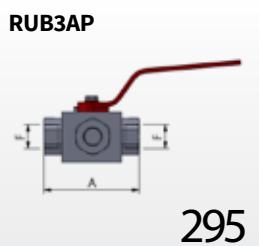
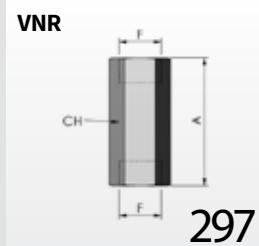
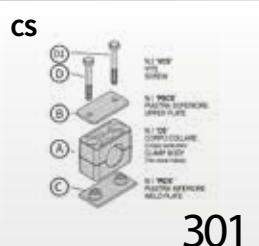
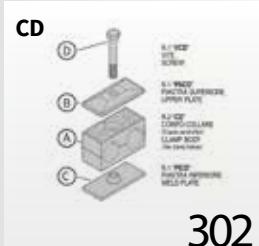
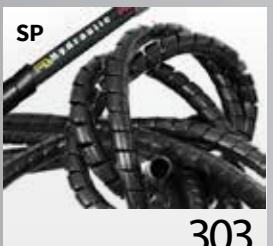
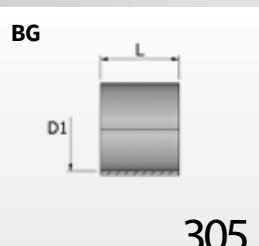
LENGTH BAR 6 METERS

Code Article Codice Articolo	Inside mm	Out mm	Weight Peso 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

COMPONENTS
COMPONENTI

4

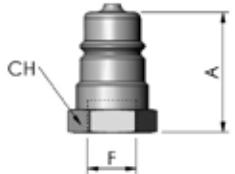
COMPONENT

QUICK RELEASE COUPLING MALE
INNESTO RAPIDO PARTE MASCHIOQUICK RELEASE COUPLING FEMALE
INNESTO RAPIDO PARTE FEMMINAQUICK RELEASE COUPLING FLAT FACE MALE
INNESTO RAPIDO FACCIA PIANA PARTE
MASCHIOQUICK RELEASE COUPLING FLAT FACE FEMALE
INNESTO RAPIDO FACCIA PIANA PARTE
FEMMINAKIT OF GAUGES GO - NO GO FROM 3/16
UP TO 2"
KIT TAMPO PASSA - NON PASSA DA 3/16
FINO A 2"BALL VALVE HIGH PRESSURE 2 WAYS
RUBINETTO A SFERA ALTA PRESSIONE 2 VIEBALL VALVE HIGH PRESSURE 3 WAYS
RUBINETTO A SFERA ALTA PRESSIONE 3 VIEDIVERTER FLOW 3 WAYS
DEVIATORE ALTA PRESSIONE 3 VIECHECK VALVE
VALVOLA UNIDIREZIONALESWIVEL JOINTS
GIUNTO GIREVOLE IN LINEAUNIVERSAL SOFT END CAP
TAPPO MORBIDO DI PROTEZIONE
UNIVERSALESINGLE CLAMP
COLLARE SINGOLODOUBLE CLAMP
COLLARE DOPPIOSPRING SAFE
SPIRALE DI PROTEZIONETEXTILE PROTECTION
GUAINA TESSILE DI PROTEZIONESLEEVE FOR TEXTILE PROTECTION
BOCCOLA PER GUAINA TESSILEMETAL FLAT
PIATTINA METALLICA

QUICK RELEASE COUPLING
INNESTI RAPIDI

IRPM

QUICK RELEASE COUPLING MALE
INNESTO RAPIDO PARTE MASCHIO



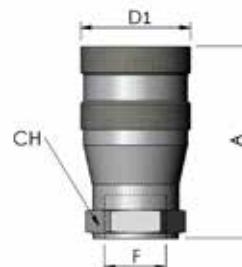
Thread -Filetto: BSP

Norme - Norma: ISO 7241-1A

Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni		
		F	CH	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	

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 (FLUID):
FROM -20°C TO +100°C



QUICK RELEASE COUPLING
INNESTI RAPIDI

IRPF

QUICK RELEASE COUPLING FEMALE
INNESTO RAPIDO PARTE FEMMINA

Thread -Filetto: BSP

Norme - Norma: ISO 7241-1A

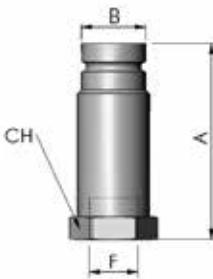
Code Article Codice Articolo	Thread Filetto	Dimensions Dimensioni		
		F	CH	A
IRPF04	1/4-19	19	47	25
IRPF06	3/8-19	24	58	31
IRPF08	1/2-14	30	67	38
IRPF12	3/4-14	38	81	46
IRPF16	1"-11	45	96	55
IRPF20	1"1/4-11	50	117	65
IRPF24	1"1/2-11	60	123	80
IRPF32	2"-11	75	160	100

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 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



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

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

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



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

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, 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

Note:

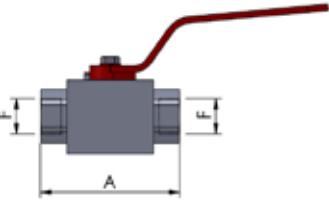
MATERIALE:
CORPO IN ACCIAIO AD ALTO TENORE DI
CARBONIO, - ALCUNI COMPONENTI
TEMPRATI AD INDUZIONE
VALVOLE IN ACCIAIO AD ALTO TENORE DI
CARBONIO
MOLLA IN ACCIAIO C72
SFERA AD ALTA RESISTENZA IN ACCIAIO 100
C6
GUARNIZIONE NBR
ANTIESTRUSIONE PTFE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
RANGE DELLE TEMPERATURE (FLUIDO):
DA -20°C A +100°C

VALVES
VALVOLE - RUBINETTI

RUB2AP

BALL VALVE HIGH PRESSURE 2 WAYS
RUBINETTO A SFERA ALTA PRESSIONE 2 VIE

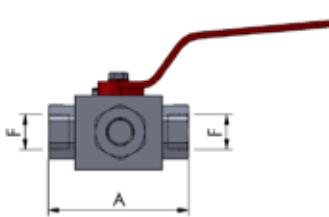
Thread -*Filetto*: BSP



Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions <i>Dimensioni</i>	
		A	Max press.- Press. max
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

Notes:

MATERIAL:
CARBON STEEL
SURFACE TREATMENT:
Cr3 GALVANIZATION



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.

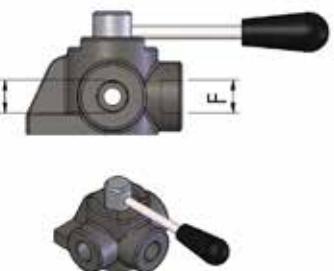
Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions <i>Dimensioni</i>	
		A	Max press.- Press. max
RUB3AP04	1/4-19	69	380 bar
RUB3AP06	3/8-19	73	380 bar
RUB3AP08	1/2-14	84	320 bar
RUB3AP12	3/4-14	97	300 bar
RUB3AP16	1"-11	112	280 bar
RUB3AP20	1"1/4-11	132	240 bar

Note:

MATERIALE:
ACCIAIO AL CARBONIO
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3

Note:

MATERIALE:
ACCIAIO AL CARBONIO
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3
CENTRO APERTO:
CON LA LEVA IN POSIZIONE CENTRALE LE
BOCCHE SONO TUTTE COLLEGATE.



VALVES
VALVOLE - RUBINETTI

DEV3

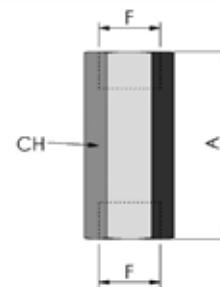
DIVERTER FLOW 3 WAYS
DEVIATORE ALTA PRESSIONE 3 VIE

Thread -*Filetto*: BSP

Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	
	F	Max press.- Press. max
DEV306	3/8-19	315 bar
DEV308	1/2-14	280 bar
DEV312	3/4-14	250 bar
DEV316	1"-11	220 bar

Notes:

MATERIAL:
CAST IRON BODY, STEEL COMPONENTS
WITH THERMAL TREATMENT
SURFACE TREATMENT:
NOT GALVANIZED
OPEN CENTER:
WHEN HAND LEVER IS IN THE MID POSITION
ALL PORTS ARE CONNECTED.



VALVES
VALVOLE - RUBINETTI

VNR

CHECK VALVE
VALVOLA UNIDIREZIONALE

Thread -*Filetto*: BSP

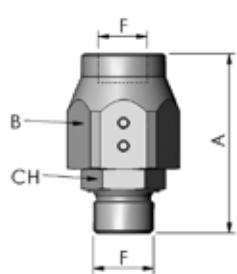
Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions <i>Dimensioni</i>		
	F	CH	A	Max press.- Press. max
VNR04	1/4-19	19	58	400 bar
VNR06	3/8-19	24	62	400 bar
VNR08	1/2-14	30	71	350 bar
VNR12	3/4-14	36	83	300 bar
VNR16	1"-11	45	106	270 bar
VNR20	1"1/4-11	55	127	250 bar
VNR24	1"1/2-11	65	138	200 bar

Note:

MATERIALE:
CORPO IN GHISA, COMPONENTI IN ACCIAIO
TRATTATI TERMICAMENTE
TRATTAMENTO SUPERFICIALE:
GREZZO
CENTRO APERTO:
CON LA LEVA IN POSIZIONE CENTRALE LE
BOCCHE SONO TUTTE COLLEGATE.

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

	Code Article <i>Codice Articolo</i>	Thread <i>Filetto</i>	Dimensions (mm) <i>Dimensioni (mm)</i>		
		F	CH	A	B
	GNTO4	1/4-19	19	63	CH 30
	GNTO6	3/8-19	24	66	CH 34
	GNTO8	1/2-14	27	73	CH 36
	GNTO12	3/4-14	34	80	CH 45
	GNTO16	1"-11	41	90	ø 60
	GNTO20	1"1/4-11	50	98	ø 60
	GNTO24	1"1/2-11	55	107	ø 70
	GNTO32	2"-11	70	117	ø 80

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



PROTECTION CAPS
TAPPPI DI PROTEZIONE

PMR

UNIVERSAL SOFT END CAP
TAPPO MORBIDO DI PROTEZIONE UNIVERSALE

Notes:

COLOUR:
RED

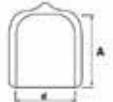
Columns E and R are referred respectively to the hexagon and the thread on which to mount the cap.

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 <i>Codice Articolo</i>	Dimensions (mm) <i>Dimensioni (mm)</i>			
		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.

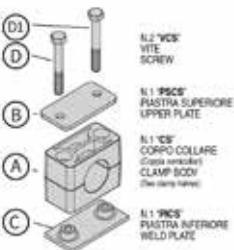
Code Article Codice Articolo	Dimensions (mm) Dimensioni (mm)				
	A	d	E	R	
PMR50.8X38	38	50.8	46	M52	
PMR53.9X38	38	53.9	50	-	
PMR57.2X38	38	57.2	-	BSP 2"	
PMR60.3X38	38	60.3	55	-	
PMR63.5X38	38	63.5	60	UN 2"1/2	
PMR69.8X50	50	69.8	-	-	

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

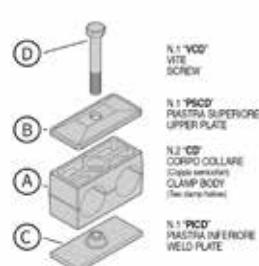
TRATTAMENTO SUPERFICIALE:

ZINCATURA Cr3

D1:

VITE BRUGOLA SENZA PIASTRA SUPERIORE

	Components codes Codicci 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	


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 <i>Codici Componenti</i>				
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**

Code Article <i>Codice Articolo</i>	Dimensions (mm) <i>Dimensioni (mm)</i>								
	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	-	-	-	-	-	-

Note
MATERIAL:
POLIETILENE AD ALTA DENSITÀ RESISTENTE
ALL'ABRASIONE ED AI RAGGI U.V.
RANGE DELLE TEMPERATURE:
DA -20°C A +100°C

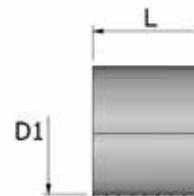
**PRATICA RAPIDA E SEMPLICE NEL
MONTAGGIO LA SPIRALE È INDICATA PER LA
PROTEZIONE O IL CONTENIMENTO DI UNO O
PIÙ TUBI.**
QUANTITA' PER SCATOLA:
DALLA SP0812 ALLA SP4450 50 METRI.
DALLA SP5663 ALLA SP8090 20 METRI.
SP100110 12 METRI.



PROTECTION FOR FLEXIBLE HOSES
PROTEZIONI PER TUBO FLESSIBILE

GTN

TEXTILE PROTECTION
GUAINA TESSILE DI PROTEZIONE



FERULES FOR TEXTILE PROTECTION
BOCCOLE FERMA GUAINA

BG

SLEEVE FOR TEXTILE PROTECTION
BOCCOLA PER GUAINA TESSILE

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 ATMOSPHERIC 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	-	-	-	-	-	-	

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.

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"

Note

MATERIALE: ACCIAO

TRATTAMENTO SUPERFICIALE:

ZINCATURA Cr3

LA BOCCOLA VIENE UTILIZZATA PER
FERMARE LE ESTREMITÀ DELLA GUAINA
TESSILE, (CODE "GTN") NELLA CORRETTA
POSIZIONE DOPO IL MONTAGGIO SUI TUBI
FLESSIBILI.

PROTECTION FOR FLEXIBLE HOSES
PROTEZIONI PER TUBO FLESSIBILE



PIATT

METAL FLAT
PIATTINA METALLICA



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"

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"	

Notes:

MATERIAL:
ABRASION AND CRASHES RESISTANT STEEL

SURFACE TREATMENT:
Cr3 GALVANIZATION

ASSEMBLING BEFORE TO CRIMP FITTINGS.

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.

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

Note:

MATERIALE:
ACCIAIO RESISTENTE AGLI URTI E
ALL'ABRASIONE
TRATTAMENTO SUPERFICIALE:
ZINCATURA Cr3

MONTARE PRIMA DELLA FASE DI
PRESSATURA DEI RACCORDI.

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.

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"





GENERAL TERMS AND CONDITIONS OF SALE F.B. S.r.l. Edition November 2013

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 deliver 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 to 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 emessa 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, sventure, 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'obbligo 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. Dovere 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 differenza 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 consente 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 indicatogli 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 forniti 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 Personalii.

(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 intesa 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 prevorrà la versione in italiano.



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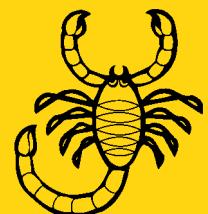
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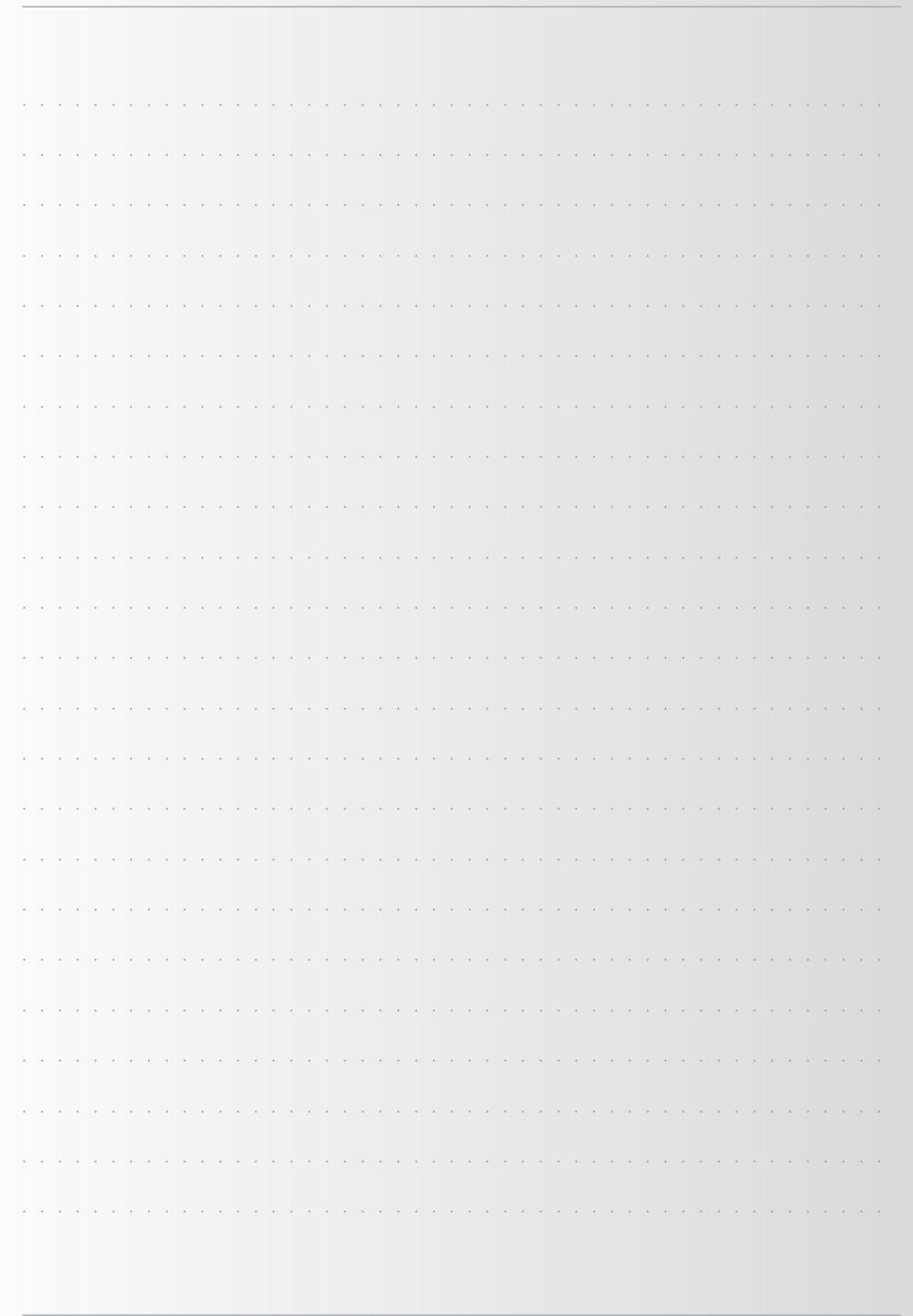
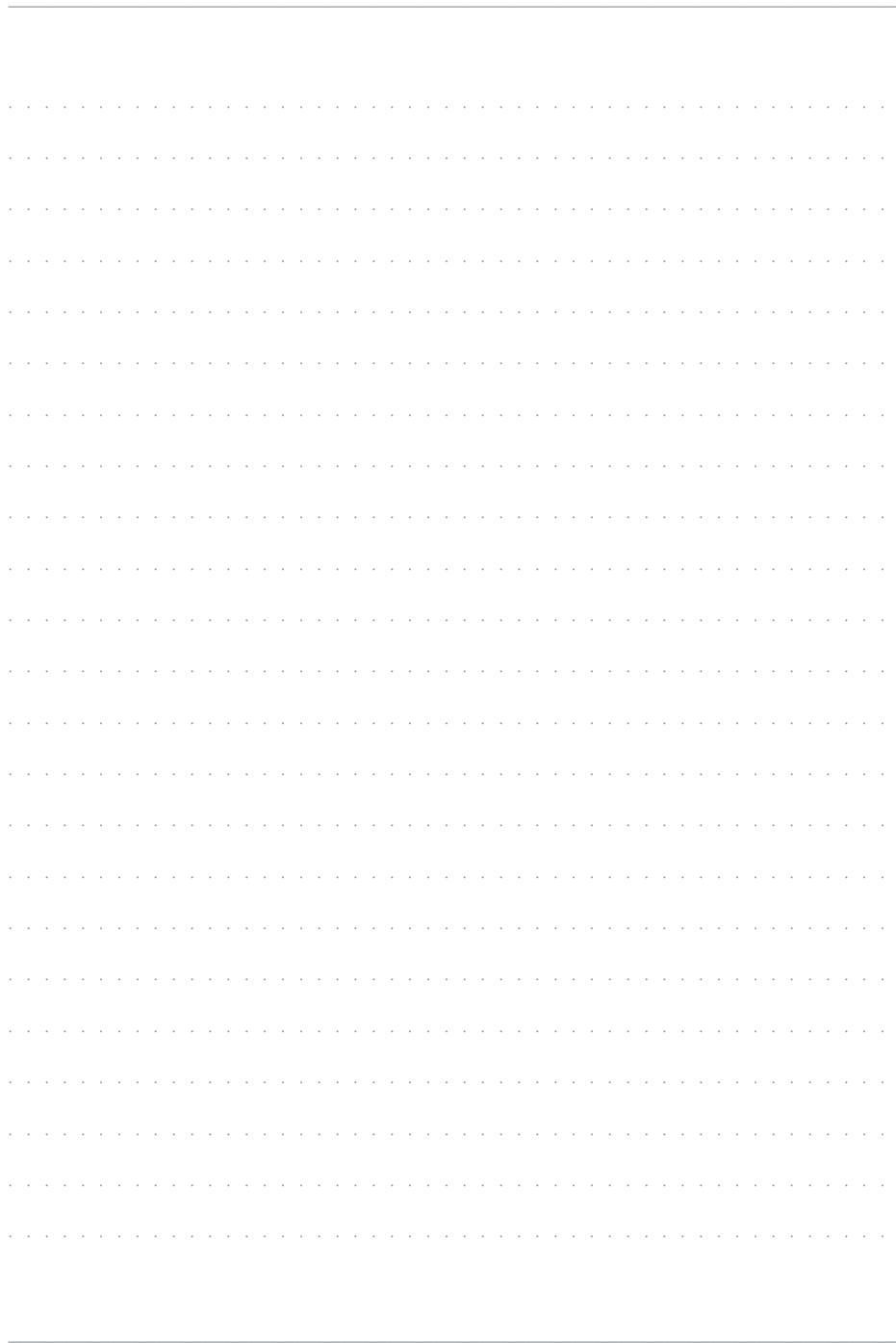
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