FIP Articoli Tecnici Srl

OLEODINAMICA

HYDRAULICS

S1006TF *UniLock* - EN 854 SAE 100 R6 - EN 854 1TE

Applicazioni:
Linee a bassa pressione, linee di ritorno, linee di drenaggio.
ATTENZIONE: Con raccordi della serie UniLock, non utilizzare per impianti frenanti ad aria compressa ed in circuiti sottoposti a forti impulsi di pressione.

Application:
Low pressure lines, back lines, drainage lines.
ATTENTION: With Unilock fittings, do not use for brake plants with compressed air or in circuits under strong pressure impulses.

Specifiche applicabili/Applicable specs.:
SAE 100 R6 - EN 854 1TE

Tubo interno: Gomma sintetica resistente agli olii.
Internal hose: *Oil resistant synthetic rubber.*

Rinforzo: 1 treccia tessile.
Reinforcement: *1 textile braid.*

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.
External covering: *Synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

Easy line

	ID		size	OD	Max WP Std fitting		Max WP		Min BR		Weight (approx)	
	in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	3/16"	4,8	03	11,1	34	493	-	-	35	1,378	0,100	0,067
	1/4"	6,4	04	12,7	28	406	18	261	45	1,772	0,122	0,082
	5/16"	8,0	05	14,3	28	406	* - on request		65	2,559	0,148	0,098
	3/8"	9,5	06	15,9	28	406	18	261	75	2,953	0,164	0,110
	1/2"	12,7	08	19,5	28	406	15	218	90	3,543	0,238	0,160
	5/8"	16,0	10	23,0	24	348	-	-	115	4,528	0,280	0,188
	3/4"	19,0	12	26,6	21	305	15	218	150	5,906	0,340	0,228
**	1 "	25,4	16	32,8	18	261	12	174	140	5,512	0,465	0,312

** not included in SAE standard

S0004TF *HY-VACUUM* - SAE 100 R4

Applicazioni:
Linee di ritorno e linee aspirazione

Application:
Return and suction lines

CARATTERISTICHE: Resistente al vuoto in accordo alla normativa SAE 100 R4
FEATURE: Vacuum resistant according to SAE 100 R4

Specifiche applicabili/Applicable specs.:
SAE 100 R4

Tubo interno: Gomma sintetica resistente agli olii.
Internal hose: *Oil resistant synthetic rubber.*

Rinforzo: 2 trecce tessili + 1 spirale.
Reinforcement: *2 textile braids + 1 spiral braid.*

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.
External covering: *Synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
**	1/2"	13,0	08	23,0	10	145	30	435	80	3,150	0,030	0,020
**	5/8"	16,0	10	26,0	10	145	30	435	95	3,740	0,033	0,022
	3/4"	19,0	12	32,0	21	305	84	1218	125	4,921	0,725	0,487
**	7/8"	22,0	14	32,0	10	145	30	435	130	5,118	0,042	0,028
	1 "	25,4	16	38,0	17	247	70	1015	150	5,906	0,896	0,602
**	1.3/16"	30,0	19	42,0	10	145	30	435	180	7,087	0,067	0,045
	1.1/4"	31,8	20	45,0	14	203	56	812	200	7,874	1,131	0,760
**	1.3/8"	35,0	22	47,0	10	145	30	435	210	8,268	0,054	0,036
	1.1/2"	38,1	24	52,0	10	145	42	609	254	10,000	1,435	0,964
**	1.5/16"	40,0	25	52,0	7	102	21	305	240	9,449	0,063	0,042
**	1.21/32"	42,0	27	55,0	7	102	21	305	255	10,039	0,076	0,051
**	1.3/4"	45,0	28	58,0	7	102	21	305	270	10,630	0,085	0,057
	2 "	50,8	32	64,0	7	102	28	406	305	12,008	1,861	1,251
**	2.3/8"	60,0	38	74,0	4	58	17	247	360	14,173	0,101	0,068
	2.1/2"	63,5	40	77,0	4	58	17	247	355	13,976	2,210	1,485
**	2.3/4"	70,0	44	85,0	4	58	16	232	420	16,535	0,132	0,089
	3 "	76,2	48	90,0	4	58	16	232	457	17,992	2,703	1,816
**	3.1/8"	80,0	50	95,0	3	44	13	189	480	18,898	0,163	0,110
	3.1/2"	88,9	56	103,0	3	44	12,5	181	530	20,866	3,249	2,183
	4 "	101,6	64	116,0	2,5	36	10	145	610	24,016	3,900	2,621

** not included in SAE standard

D0011TF EN 853 1SN - DIN 20022 - exceed SAE 100 R1AT

Applicazioni:
Tubo 1 treccia per applicazione media pressione.

Application:
One braid hose for medium pressure application.

Specifiche applicabili/Applicable specs.:
IMM - exceed DIN EN 853 1SN

Omologazioni/Type Approval:
GOST

Tubo interno: Gomma sintetica NBR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *NBR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 1 treccia acciaio.

Reinforcement: *1 steel wire braid.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.

Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.

Temperatura di esercizio:
da -40 a +100°C
120° intermittente

Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
3/16"	4,8	03	11,8	250	3625	1000	14500	90	3,543	0,186	0,125
1/4"	6,4	04	13,4	225	3263	900	13050	100	3,937	0,226	0,152
5/16"	8,0	05	15,0	215	3118	850	12325	115	4,528	0,265	0,178
3/8"	9,5	06	17,4	180	2610	720	10440	130	5,118	0,335	0,225
1/2"	12,7	08	20,6	160	2320	640	9280	180	7,087	0,415	0,279
5/8"	16,0	10	23,7	130	1885	520	7540	200	7,874	0,496	0,333
3/4"	19,0	12	27,7	105	1523	420	6090	240	9,449	0,638	0,429
1 "	25,4	16	35,6	88	1276	350	5075	300	11,811	0,980	0,659
1.1/4"	31,8	20	43,5	63	914	250	3625	420	16,535	1,207	0,811
1.1/2"	38,1	24	50,8	50	725	200	2900	500	19,685	1,560	1,048
2 "	50,8	32	63,6	40	580	160	2320	630	24,803	2,108	1,417

CARATTERISTICHE: Tubo NO-SKIVE - Pressioni di scoppio superiori alla norma - Prestazioni impulsi doppie rispetto alla normativa EN.
FEATURE: No skive hose - Exceed EN specification - Impulse tested up to double EN requirements.

A0021TF

Basic 2SN - EN853 2SN - exceed DIN 20022

Applicazioni:
Macchine agricole e movimento terra - Linee di media e alta pressione per applicazioni non severe.

Application:
Construction and agricultural equipment - Medium high pressure not high demanding application.

Specifiche applicabili/Applicable specs.:
EN 853 2SN - DIN 20022 - SAE 100 R2AT

Tubo interno: Gomma sintetica resistente agli olii.
Internal hose: *Oil resistant synthetic rubber.*

Rinforzo: 2 trecce acciaio.
Reinforcement: *2 steel wire braids.*

Copertura esterna: Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.
External covering: *Synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/4"	6,4	04	14,3	400	5800	1600	23200	100	3,937	0,376	0,253
3/8"	9,5	06	18,4	330	4785	1320	19140	125	4,921	0,519	0,349
1/2"	12,7	08	21,4	275	3988	1100	15950	180	7,087	0,630	0,423
3/4"	19,0	12	29,3	250	3625	1000	14500	240	9,449	0,959	0,644

CARATTERISTICHE: In linea con le normative DIN - Scoppio in accordo a normativa EN - Testato fino a 200.000 impulsi - Raccomandato per applicazioni non severe in termini di fatica e temperatura.
FEATURES: Complying DIN standards - Burst pressure according EN - Tested for 200.000 impulse cycles - Recommended fon not high demanding application in terms of fatigue and/or temperature.

E001KTF Exceed EN 857 1SC - ISO 11237

Applicazioni:
Tubo 1 treccia compatto per applicazione media pressione.

Application:
Compact one braid hose for medium pressure application.

Specifiche applicabili/Applicable specs.:
IMM - exceed DIN EN 857 1SC
ISO 11237
Omologazioni/Type Approval:
GOST

Tubo interno: Gomma sintetica NBR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *NBR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 1 treccia acciaio.

Reinforcement: *1 steel wire braid.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C
120° intermittente
Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/4"	6,4	04	12,3	225	3263	900	13050	75	2,953	0,196	0,132
5/16"	8,0	05	13,5	210	3045	840	12180	85	3,346	0,220	0,148
3/8"	9,5	06	15,7	180	2610	720	10440	90	3,543	0,277	0,186
1/2"	12,7	08	18,9	160	2320	640	9280	130	5,118	0,348	0,234
5/8"	16,0	10	22,4	130	1885	520	7540	150	5,906	0,399	0,268
3/4"	19,0	12	25,9	105	1523	420	6090	180	7,087	0,481	0,323
1 "	25,4	16	33,7	88	1276	352	5104	230	9,055	0,680	0,457

CARATTERISTICHE: Tubo NO-SKIVE - Pressioni di scoppio superiori alla norma - Prestazioni impulsi doppie rispetto alla normativa EN.
FEATURE: No skive hose - Exceed EN specification - Impulse tested up to double EN requirements.

E002KTF EN 857 2SC - exceed SAE 100 R16

Applicazioni:
Applicazioni idrauliche media pressione con ridotti spazi di istallazione.

Application:
Medium pressure lines applications with installations constraints.

Specifiche applicabili/Applicable specs.:
EN 857 2SC - exceed SAE 100 R16

Omologazioni/Type Approval:
GOST

Tubo interno: Gomma sintetica NBR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *NBR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 2 trecce in acciaio ad alta resistenza.

Reinforcement: *two high tensile steel wire braids.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.

Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.

Temperatura di esercizio:
da -40 a +100°C
120° intermittente

Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft
1/4"	6,4	04	13,3	400	5800	1600	23200	50	1,969	0,295	0,198
5/16"	8,0	05	14,8	350	5075	1400	20300	55	2,165	0,345	0,232
3/8"	9,5	06	17,1	330	4785	1320	19140	65	2,559	0,415	0,279
1/2"	12,7	08	20,4	275	3988	1100	15950	90	3,543	0,540	0,363
5/8"	16,0	10	23,5	250	3625	1000	14500	100	3,937	0,625	0,420
3/4"	19,0	12	27,6	215	3118	860	12470	120	4,724	0,800	0,538
1 "	25,4	16	35,8	165	2393	660	9570	150	5,906	1,165	0,783

CARATTERISTICHE: Tubo compatto con raggio di curvatura stretto
FEATURE: Compact hose with low bend radius

N001KTF
B001KTF

Cleaning - Exceed EN 857 1SC

Applicazioni:
Equipaggiamento per lavaggio semi-professionale, ideale per hobbystica.

Application:
Semi-professional water-cleaning machines, ideal for hobby.

Specifiche applicabili/Applicable specs.:
Exceed EN 857 1SC - ISO 7751

Tubo interno: Gomma sintetica NBR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *NBR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 1 treccia acciaio.

Reinforcement: *1 steel wire braid.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Acqua, emulsioni acqua-sapone, emulsioni acqua glicole.

Recommended fluid:
Water, water-soap based, glicol-water based.

Temperatura di esercizio:
da -40 a +100°C
+70° per fluidi acquosi
120° intermittente

Operating temperature range:
from -40 to +100°C
+70°C for water based fluids
120° intermittent

ID		size	OD	Max WP safety factor 1:4		Max WP safety factor 1:3		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
Nero - Black											
1/4"	6,4	04	12,4	250	3625	280	4060	75	2,953	0,196	0,132
5/16"	8,0	05	14,0	250	3625	280	4060	85	3,346	0,220	0,148
3/8"	9,5	06	15,6	250	3625	280	4060	90	3,543	0,277	0,186
1/2"	12,7	08	18,7	250	3625	280	4060	130	5,118	0,348	0,234
Blu - Blue											
1/4"	6,4	04	12,4	250	3625	280	4060	75	2,953	0,196	0,132
5/16"	8,0	05	14,0	250	3625	280	4060	85	3,346	0,220	0,148
3/8"	9,5	06	15,6	250	3625	280	4060	90	3,543	0,277	0,186
1/2"	12,7	08	18,7	250	3625	280	4060	130	5,118	0,348	0,234

CARATTERISTICHE: Linea flessibile NO-SKIVE - fattore di sicurezza variabile per applicazione - disponibile con copertura liscia.
FEATURE: NO SKIVE flexible line - Variable safety factor according the application - smooth cover available.

N002KTF
B002KTF

Cleaning - Exceed EN 857 2SC

Applicazioni:
Macchine per pulizia e lavaggio industriale.

Application:
Professional water cleaning machines.

Specifiche applicabili/Applicable specs.:
Exceed EN 857 2SC - ISO 7751

Tubo interno: Gomma sintetica NBR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *NBR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 2 trecce in acciaio ad alta resistenza.

Reinforcement: *two high tensile steel wire braids.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Acqua, emulsioni acqua-sapone, emulsioni acqua glicole.

Recommended fluid:
Water, water-soap based, glicol-water based.

Temperatura di esercizio:
da -40 a +100°C
+70° per fluidi acquosi
120° intermittente

Operating temperature range:
from -40 to +100°C
+70°C for water based fluids
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
Nero - Black											
1/4"	6,5	04	13,4	400	5800	1600	23200	85	3,348	0,295	0,198
5/16"	8,0	05	15,0	400	5800	1600	23200	85	3,348	0,345	0,232
3/8"	9,5	06	17,4	400	5800	1600	23200	90	3,543	0,415	0,279
1/2"	12,7	08	20,6	400	5800	1600	23200	130	5,118	0,540	0,363
Blu - Blue											
1/4"	6,5	04	13,4	400	5800	1600	23200	85	3,348	0,295	0,198
5/16"	8,0	05	15,0	400	5800	1600	23200	85	3,348	0,345	0,232
3/8"	9,5	06	17,4	400	5800	1600	23200	90	3,543	0,415	0,279
1/2"	12,7	08	20,6	400	5800	1600	23200	130	5,118	0,540	0,363

CARATTERISTICHE: Linea flessibile NO-SKIVE - fattore di sicurezza 1:4 - disponibile con copertura liscia.
FEATURE: NO SKIVE flexible line - safety factor 1:4 - smooth cover available.

E003KTH *HIPAC 3SK*

Applicazioni:
Linee alta pressione con raggi di curvatura ristretti, dove è richiesta elevata flessibilità.

Application:
High pressure lines with reduced bending radius, where high flexibility is requested.

Specifiche applicabili/Applicable specs.:
exceed EN 856 4SH (DIN 20023-4SH)
IMM

Tubo interno: Gomma sintetica NBR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *NBR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 3 trecce in acciaio ad alta resistenza.

Reinforcement: *Three high tensile steel wire braids.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.

Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.

Temperatura di esercizio:
da -40 a +100°C
120° intermittente

Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft
3/8"	9,5	06	18,8	500	7250	2000	29000	110	4,331	0,680	0,457
1/2"	12,7	08	22,4	475	6888	1900	27550	140	5,512	0,810	0,544
5/8"	16,0	10	25,8	420	6090	1680	24360	200	7,874	1,000	0,672
3/4"	19,0	12	29,7	380	5510	1520	22040	240	9,449	1,220	0,820
1"	25,4	16	38,8	315	4568	1260	18270	300	11,811	1,710	1,149

CARATTERISTICHE: Disegno compatto - Costruzione No skive - condotta nitrilica compatibile con una ampia gamma di fluidi - Prestazioni superiori al 4SH - Approvato fino a 500.000 impulsi.
FEATURES: Compact hose - no skive construction - NBR tube compound compatible with several fluids - performance over 4SH - approved up to 500.000 impulse cycles.

D04SPTF EN 856 4SP (DIN 20023-4SP) - ISO 3862

Applicazioni:
Applicazioni generiche alta pressione.

Application:
Generic high pressure hydraulic applications.

Specifiche applicabili/Applicable specs.:
EN 856 4SP - ISO 3862 4SP

Tubo interno: Gomma sintetica CR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *CR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 4 spirali in acciaio.

Reinforcement: *4 steel wire spiral.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.

Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.

Temperatura di esercizio:
da -40 a +100°C
120° intermittente

Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/4"	6,4	04	17,8	450	6525	1800	26100	150	5,906	0,615	0,413
3/8"	9,5	06	21,4	445	6453	1780	25810	180	7,087	0,850	0,571
1/2"	12,7	08	24,6	415	6018	1660	24070	230	9,055	0,935	0,628
5/8"	16,0	10	28,5	350	5075	1400	20300	250	9,843	1,148	0,770
3/4"	19,0	12	32,1	350	5075	1400	20300	300	11,811	1,554	1,044
1 "	25,4	16	39,7	280	4060	1120	16240	340	13,386	2,033	1,366
1.1/4"	31,8	20	50,8	210	3045	840	12180	460	18,110	3,176	2,134
1.1/2"	38,1	24	57,1	185	2683	740	10730	560	22,047	3,657	2,458
2 "	50,8	32	70,6	165	2393	660	9570	660	25,984	5,137	3,452

CARATTERISTICHE: Costruzioni 4 spirali - No skive.
FEATURES: 4 high tensile spiral - No skive.

DM4SHTF Exceed EN 856 4SH (DIN 20023-4SH) - ISO 3862

Applicazioni:
Linee di potenza ad alta pressione.

Application:
High pressure power lines.

Specifiche applicabili/Applicable specs.:
exceed EN 856 4SH - ISO 3862 4SH
Omologazioni/Type Approval:
DNV - MSHA

Tubo interno: Gomma sintetica CR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *CR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 4 spirali in acciaio.

Reinforcement: *4 steel wire spiral.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici. Copertura MSHA.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C
120° intermittente
Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
3/4"	19,0	12	32,0	420	6090	1680	25810	210	8,268	1,556	1,046
1 "	25,4	16	38,4	385	5583	1750	25375	220	8,661	2,087	1,402
1.1/4"	31,8	20	45,8	350	5075	1400	20300	400	15,748	2,571	1,728
1.1/2"	38,1	24	53,5	300	4350	1250	18125	560	22,047	3,439	2,311
2 "	50,8	32	68,0	250	3625	1000	14500	700	27,559	4,903	3,295

CARATTERISTICHE: Eccede la normativa EN - approvato fino ad 1.000.000 cicli.
FEATURES: Exceed EN standard - Approved up to 1.000.000 impulse cycles.

SM013TF Exceed EN 856 SAE 100 R13 - ISO 3862

Applicazioni:
Sistemi idraulici ad altissima pressione.

Application:
Very high pressure lines.

Specifiche applicabili/Applicable specs.:
exceed EN 856 SAE 100 R13 - ISO 3862
MSHA

Tubo interno: Gomma sintetica CR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *CR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 4-6 spirali acciaio alta resistenza.

Reinforcement: *4-6 high tensile steel wire spiral.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici. Copertura MSHA.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.

Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.

Temperatura di esercizio:
da -40 a +100°C
120° intermittente

Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/4"	6,4	04	20,6	690	10005	3250	47125	125	4,921	0,930	0,625
3/8"	9,5	06	23,8	690	10005	2900	42050	150	5,906	1,100	0,739
1/2"	12,7	08	24,8	690	10005	2500	36250	200	7,874	1,350	0,907
3/4"	19,0	12	32,1	350	5075	1920	27840	240	9,449	1,650	1,109
1 "	25,4	16	38,7	350	5075	1660	24070	300	11,811	2,259	1,518
1.1/4"	31,8	20	49,7	350	5075	1520	22040	419	16,496	3,895	2,617
1.1/2"	38,1	24	57,8	350	5075	1600	23200	508	20,000	4,956	3,330
2 "	50,8	32	71,5	350	5075	1500	21750	635	25,000	7,087	4,762

CARATTERISTICHE: Linea isobarica 5000 psi - approvato fino ad 1.000.000 cicli - fino a DN 51 (fuori standard).
FEATURES: Isobaric line 5000 psi - Approved up to 1.000.000 impulse cycles - up to 2" (off standard).

SM015TF Exceed SAE 100 R15 - ISO 3862

Applicazioni:
Linee di alta pressione, macchine per lo stampaggio iniezione, condizioni di impiego severe.

Application:
High pressure,heavy duty power lines, presswork injection.

Specifiche applicabili/Applicable specs.:
exceed SAE 100 R15 - ISO 3862
MSHA

Tubo interno: Gomma sintetica CR, estrusa senza giunzioni e di spessore uniforme.

Internal hose: *CR,Synthetic rubber, extruded whole without joints, of uniform thickness.*

Rinforzo: 4-6 spirali acciaio alta resistenza.

Reinforcement: *4-6 high tensile steel wire spiral.*

Copertura esterna: Gomma sintetica NBR/PVC antiabrasiva resistente agli olii, carburanti ed agenti atmosferici. Copertura MSHA.

External covering: *NBR/PVC Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA cover.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.

Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.

Temperatura di esercizio:
da -40 a +100°C
120° intermittente

Operating temperature range:
from -40 to +100°C
120° intermittent

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
3/4"	19,0	12	32,0	420	6090	1750	25375	265	10,433	1,556	1,046
1 "	25,4	16	38,7	420	6090	1700	24650	265	10,433	2,100	1,411
1.1/4"	31,8	20	49,7	420	6090	1680	24360	265	10,433	3,650	2,453
1.1/2"	38,1	24	57,8	420	6090	1680	24360	310	12,205	5,000	3,360
2 "	50,8	32	72,0	420	6090	1680	24360	590	23,228	6,725	4,519

CARATTERISTICHE: Linea isobarica 6000 psi - approvato fino ad 1.000.000 cicli - fino a DN 51 (fuori standard).
FEATURES: Isobaric line 6000 psi - Approved up to 1.000.000 impulse cycles - up to 2" (off standard).

W0085TF Waterblast 850 bar

Applicazioni:
Applicazioni altissima pressione per rimozione incrostazioni - rimozione cemento - pulizia industriale.

Specifiche applicabili/Applicable specs.:
ISO 7751

Application:
High pressure lines where high flexibility is requested.

Tubo interno: Gomma sintetica resistente all'acqua.
Internal hose: *Water resistant synthetic rubber.*

Rinforzo: 4 spirali in acciaio.
Reinforcement: *4 steel wire spiral.*

Copertura esterna: Gomma sintetica antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Acqua, emulsioni acqua-sapone, emulsioni acqua glicole.
Recommended fluid:
Water, water-soap based, glicol-water based.
Temperatura di esercizio:
da -40 a +100°C
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/4"	6,4	04	18,0	850	12325	2125	30813	130	5,118	0,615	0,413
3/8"	9,5	06	21,3	850	12325	2125	30813	155	6,102	1,100	0,739
1/2"	12,7	08	24,2	850	12325	2125	30813	200	7,874	1,350	0,907
3/4"	19,0	12	32,0	850	12325	2125	30813	250	9,843	1,650	1,109

CARATTERISTICHE: Fattore di sicurezza 1:2,5 - Compatto e leggero - ISO 7751.
FEATURES: safety factor 1:2,5 - lightness, compactness - ISO 7751.

W0100TF Waterblast 1000 bar

Applicazioni:
Applicazioni altissima pressione per rimozione incrostazioni - rimozione cemento - pulizia industriale.

Specifiche applicabili/Applicable specs.:
ISO 7751

Application:
High pressure lines where high flexibility is requested.

Tubo interno: Gomma sintetica resistente all'acqua.
Internal hose: *Water resistant synthetic rubber.*

Rinforzo: 4-6 spirali acciaio alta resistenza.
Reinforcement: *4-6 high tensile steel wire spiral.*

Copertura esterna: Gomma sintetica antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Acqua, emulsioni acqua-sapone, emulsioni acqua glicole.
Recommended fluid:
Water, water-soap based, glicol-water based.
Temperatura di esercizio:
da -40 a +100°C
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C
+70°C for water based fluids

	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
4 spir	1/4"	6,4	04	18,0	1000	14500	2500	36250	130	5,118	0,615	0,413
4 spir	3/8"	9,5	06	22,2	1000	14500	2500	36250	155	6,102	1,100	0,739
4 spir	1/2"	12,7	08	24,6	1000	14500	2500	36250	200	7,874	1,350	0,907
6 spir	3/4"	19,0	12	34,8	1000	14500	2500	36250	250	9,843	1,650	1,109

CARATTERISTICHE: Fattore di sicurezza 1:2,5 - Compatto e leggero - ISO 7751.
FEATURES: safety factor 1:2,5 - lightness, compactness - ISO 7751.

W0120TF Waterblast 1200 bar

Applicazioni:
Applicazioni altissima pressione per rimozione incrostazioni - rimozione cemento - pulizia industriale.

Specifiche applicabili/Applicable specs.:
ISO 7751

Application:
High pressure lines where high flexibility is requested.

Tubo interno: Gomma sintetica resistente all'acqua.
Internal hose: *Water resistant synthetic rubber.*

Rinforzo: 4-6 spirali acciaio alta resistenza.
Reinforcement: *4-6 high tensile steel wire spiral.*

Copertura esterna: Gomma sintetica antiabrasiva resistente agli olii, carburanti ed agenti atmosferici.

External covering: *Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.*

Fluidi raccomandati:
Acqua, emulsioni acqua-sapone, emulsioni acqua glicole.
Recommended fluid:
Water, water-soap based, glicol-water based.
Temperatura di esercizio:
da -40 a +100°C
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C
+70°C for water based fluids

	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
4 spir	1/4"	6,4	04	18,0	1200	17400	3000	43500	130	5,118	0,615	0,413
6 spir	3/8"	9,5	06	23,5	1200	17400	3000	43500	155	6,102	1,100	0,739
6 spir	1/2"	12,7	08	29,4	1200	17400	3000	43500	200	7,874	1,350	0,907
6 spir	3/4"	19,0	12	36,8	1350	19575	3375	48938	250	9,843	2,475	1,663

CARATTERISTICHE: Fattore di sicurezza 1:2,5 - Compatto e leggero - ISO 7751.
FEATURES: safety factor 1:2,5 - lightness, compactness - ISO 7751.

W2280TF SEWERJET 280

APPLICATIONS - APPLICAZIONI:

APPLICABLE SPECS. - SPECIFICHE APPLICABILI:

IMM SPECS - ISO 7751 ISO 7751

A line dedicated to jet application, especially in clean up. Safety factor 2,5:1. NO-SKIVE compact tube. SMOOTH COVER. High abrasion resistance. Easy installation.

Linea dedicata alle applicazione getto in particolar modo allo spurgo. Fattore di sicurezza 2,5:1. Tubo compatto NO-SKIVE. COPERTURA LISCIA. Elevatissima resistenza all'abrasione. Facilità di installazione.

Internal hose: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 1 or 2 high tensile steel wire braids.

Covering: Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluid: Water, water based fluids.

Operating temperature: 0°C÷+70°C for water, -40 °C ÷ +70°C for water based fluids.

Tubo interno: Gomma sintetica, estrusa senza giunzioni e di spessore uniforme.

Rinforzo: 1 o 2 trecce in acciaio ad alta resistenza.

Copertura: Gomma liscia sintetica resistente agli olii, carburanti ed agenti atmosferici.

Fluidi raccomandati: Acqua, liquidi a base acqua.

Temperatura di esercizio: 0°C÷+70°C per acqua, -40 °C ÷ +70°C per fluidi a base acqua.

	ID		Size	OD	Max WP		Min BP		Min BR		Weight	
	in	mm		mm	bar	psi	bar	psi	mm	inch	kg/m	lb/ft
	3/8"	9,5	06	15,7	280	4000	700	10000	60	2.362	0.250	0,168
	1/2"	12.7	8	20.4	280	4000	700	10000	90	3.543	0.530	0.356
	3/4"	19.0	12	27.6	280	4000	700	10000	100	3.937	0.780	0.524
	1"	25.4	16	35.8	280	4000	700	10000	130	5.118	1.170	0.787
(*)	1.1/4"	31.8	20	43.1	280	4000	700	10000	200	7.874	1.530	1.028

(*) Available on standard wrapped cover only

SOPTHTF *HY-PILOT*

Applicazioni:
Tubo termoplastico compatto e leggero per: Servocomandi - linee di pilotaggio - Applicazioni oleodinamiche a bassa pressione.

Application:
Compact lightweight hose for: Servo control - Pilot lines - General low pressure hydraulics.

Tubo interno: Elastomero poliestere
Internal hose: *Polyester elastomer*

Rinforzo: Una treccia in fibra sintetica
Reinforcement: *One braid of synthetic fiber*

Copertura esterna: Poliureatno antigrip, nero microforato
External covering: *Anti grip polyurethane, black pinpricked*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/8"	4,0	02	7,1	175	2538	700	10150	20	0,787	0,035	0,024
3/16"	5,0	03	8,5	150	2175	600	8700	25	0,984	0,045	0,030
1/4"	6,5	04	10,6	140	2030	560	8120	40	1,575	0,065	0,044
5/16"	8,1	05	12,5	120	1740	480	6960	45	1,772	0,085	0,057
3/8"	9,7	06	14,4	110	1595	440	6380	50	1,969	0,105	0,071
1/2"	13,0	08	19,1	100	1450	400	5800	70	2,756	0,175	0,118

CARATTERISTICHE: Tubo leggero e compatto - Elevata flessibilità - Copertura antigrip.
FEATURES: Lightweight - Compact design - High flexibility - Low grip cover.

S0007TF EN 855 - SAE 100 R7

Applicazioni:
Macchine agricole e movimento terra - Impianti frenanti per macchine agricole e movimento terra - Carrelli elevatori - Bracci telescopici ed articolati - Piattaforme aeree - Elevatori a forbice - Gru - Applicazioni oleodinamiche varie - Gas industriali (verificare la compatibilità).

Application:
Construction and agricultural equipment - Agricultural brake systems - Forklift Trucks - Articulating and telescopic booms - Aerial platforms - Scissor lifts - Cranes - General hydraulics - Industrial gases (check for compatibility).

Specifiche applicabili/Applicable specs.:
Exceed SAE 100 R7

Tubo interno: Elastomero poliestere
Internal hose: *Polyester elastomer*

Rinforzo: Una - due trecce in fibra sintetica
Reinforcement: *One or two braids of synthetic fiber.*

Copertura esterna: Poliuretano, nero, microforatura, marcatura ink-jet bianca.
External covering: *Polyurethane, black, pinpricked, white ink-jet branding.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/8"	4,0	02	8,3	210	3045	840	12180	25	0,984	0,050	0,034
3/16"	5,0	03	9,6	210	3045	840	12180	25	0,984	0,060	0,040
1/4"	6,5	04	12,2	210	3045	840	12180	35	1,378	0,100	0,067
5/16"	8,1	05	14,3	190	2755	760	11020	45	1,772	0,130	0,087
3/8"	9,7	06	16,0	160	2320	640	9280	55	2,165	0,150	0,101
1/2"	13,0	08	20,3	140	2030	560	8120	75	2,953	0,220	0,148
5/8"	16,3	10	23,7	105	1523	420	6090	110	4,331	0,280	0,188
3/4"	19,5	12	27,1	90	1305	360	5220	140	5,512	0,335	0,225
1 "	25,9	16	34,0	70	1015	280	4060	190	7,480	0,455	0,306

CARATTERISTICHE: Eccede la normativa SAE 100 R7. Leggero e flessibile, resistente all'abrasione - Variazioni di lunghezza limitate.
FEATURES: Exceeds SAE 100 R7. Light and flexible, abrasion resistant - Limited change in lenght.

S00V7TF EN 855 - SAE 100 R7 - Solvents

Applicazioni:
Sistemi di verniciatura a spruzzo air-less - Applicazioni che necessitano di una superiore resistenza a solventi ed agenti chimici aggressivi - Gas industriali (verificare la compatibilità).

Specifiche applicabili/Applicable specs.:
Exceed SAE 100 R7

Application:
Airless paint spray systems - Applications requiring high chemical resistance to solvents and aggressive fluids - Industrial gases (check for compatibility).

Tubo interno: poliammide.
Internal hose: *polyamide.*

Rinforzo: Una - due trecce in fibra sintetica.
Reinforcement: *One or two braids of synthetic fiber.*

Copertura esterna: Poliuretano, blu, microforatura, marcatura ink-jet nera.
External covering: *Polyurethane, blue, pinpricked, black ink-jet branding.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
3/16"	5,0	03	9,6	210	3045	840	12180	25	0,984	0,060	0,040
1/4"	6,5	04	12,2	210	3045	840	12180	35	1,378	0,095	0,064
3/8"	9,7	06	16,0	160	2320	640	9280	55	2,165	0,140	0,094
1/2"	13,0	08	20,3	140	2030	560	8120	75	2,953	0,210	0,141

CARATTERISTICHE: Eccede la normativa SAE 100 R7. Tubo in poliammide - Treccia in fibra poliestere per maggiore leggerezza ed alta flessibilità - Copertura blu microforata - Questo tubo non è progettato per applicazioni che richiedano la dissipazione delle cariche elettrostatiche.
FEATURES: Exceeds SAE 100 R7. polyamide tube construction - Yarn braid design for lightweight and high flexibility - Blue pinpricked cover - This hose is not intended for use in static discharge applications.

S00H1TF 1 treccia acciaio alta resistenza

one high tensile steel wire braid

Specifiche applicabili/Applicable specs.:
Conforme a DIN EN 853 1ST

Applicazioni:
Applicazioni oleodinamiche che richiedono una protezione meccanica superiore - Macchine agricole e movimento terra - Impianti frenanti per macchine agricole e movimento terra - Macchine per sollevamento ed handling - Macchine industriali - Gas industriali (verificare la compatibilità).

Application:
General hydraulic applications requiring additional mechanical protection: construction and agricultural equipment, agricultural brake systems, hoisting and handling equipments, industrial machines, also suitable for industrial gas applications (check for compatibility).

Tubo interno: Elastomero poliestere
Internal hose: *Polyester elastomer*

Rinforzo: Una treccia in acciaio.
Reinforcement: *One braid of steel wire.*

Copertura esterna: Poliuretano, nero, microforatura, marcatura ink-jet bianca.
External covering: *Polyurethane, black, pinpricked, white ink-jet branding.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
3/16"	5,0	03	9,7	360	5220	1440	20880	30	1,181	0,120	0,081
1/4"	6,4	04	11,6	310	4495	1240	17980	40	1,575	0,155	0,104
5/16"	8,1	05	13,2	250	3625	1000	14500	55	2,165	0,190	0,128
3/8"	9,8	06	15,5	225	3263	900	13050	65	2,559	0,235	0,158
1/2"	13,0	08	18,8	190	2755	760	11020	85	3,346	0,300	0,202
5/8"	16,3	10	22,0	140	2030	560	8120	115	4,528	0,335	0,225
3/4"	19,5	12	25,8	115	1668	460	6670	145	5,709	0,445	0,299
1"	25,8	16	33,0	95	1378	380	5510	180	7,087	0,620	0,417

CARATTERISTICHE: Struttura compatta per installazioni agevoli - Leggero - La treccia in acciaio offre una limitata espansione volumetrica ed una limitata variazione di lunghezza - Resistente all'abrasione - Copertura microforata.
FEATURES: Slim line construction for compact installation and flexibility - Lightweight - Steel braid offers low volumetric expansion and optimum change in length characteristics - Abrasion resistant- Pinpricked cover.

S00H2TF 2 trecce acciaio alta resistenza

Two high tensile steel wire braids

Applicazioni:
Applicazioni oleodinamiche che richiedono una protezione meccanica superiore ed una elevata pressione di esercizio - Macchine edili - Macchine per sollevamento ed handling - Macchine utensili - Gas industriali (verificare la compatibilità).

Application:
General hydraulic applications requiring high mechanical protection properties of hose and braid, combined with high pressure: construction equipment, hoisting and handling equipments, machine tools, also suitable for industrial gas applications (check for compatibility).

Tubo interno: Elastomero poliestere
Internal hose: *Polyester elastomer*

Rinforzo: Due trecce in acciaio.
Reinforcement: *Two braid of steel wire.*

Copertura esterna: Poliuretano, nero, microforatura, marcatura ink-jet bianca.
External covering: *Polyurethane, black, pinpricked, white ink-jet branding.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/4"	6,4	04	12,8	400	5800	1600	23200	40	1,575	0,245	0,165
3/8"	9,8	06	16,8	330	4785	1320	19140	65	2,559	0,370	0,249
1/2"	13,0	08	20,2	260	3770	1040	15080	85	3,346	0,455	0,306
5/8"	16,3	10	23,5	220	3190	880	12760	115	4,528	0,560	0,376
3/4"	19,5	12	27,5	150	2175	660	9570	170	6,693	0,700	0,470

CARATTERISTICHE: Costruzione robusta per una lunga durata d'esercizio - Utilizzabile anche in applicazioni molto severe - Resistente all'abrasione.
FEATURES: Rugged construction for HD application and prolonged lifetime - Suitable in harsh condition- Abrasion resistant.

S00V1TF 1 treccia acciaio alta resistenza - Solvents

one high tensile steel wire braid - Solvents

Specifiche applicabili/Applicable specs.:
Conforme a DIN EN 853 1ST

Applicazioni:
Sistemi di verniciatura a spruzzo air-less che richiedono una superiore resistenza meccanica e/o conducibilità elettrica - Applicazioni che necessitano di una superiore resistenza a solventi ed agenti chimici aggressivi - Gas industriali (verificare la compatibilità).

Application:
Airless paint spray systems requiring additional mechanical strength of hose and/or electrical conductivity - Applications requiring high chemical resistance to solvents and aggressive fluids, also suitable for industrial gas applications (check for compatibility).

Tubo interno: poliammide.
Internal hose: *polyamide.*

Rinforzo: Una treccia in acciaio.
Reinforcement: *One braid of steel wire.*

Copertura esterna: Poliuretano, blu, microforatura, marcatura ink-jet nera.
External covering: *Polyurethane, blue, pinpricked, black ink-jet branding.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
3/16"	5,0	03	9,7	360	5220	1440	20880	30	1,181	0,120	0,081
1/4"	6,4	04	11,6	310	4495	1240	17980	40	1,575	0,150	0,101
3/8"	9,8	06	15,5	225	3263	900	13050	65	2,559	0,225	0,151
1/2"	13,0	08	18,8	190	2755	760	11020	85	3,346	0,295	0,198
3/4"	19,5	12	25,8	115	1668	460	6670	145	5,709	0,425	0,286

CARATTERISTICHE: Tubo in poliammide - Treccia in acciaio per alte pressioni con migliori proprietà meccaniche - Maggiore durata del tubo - Conduttivo - Copertura blu microforata.

FEATURES: Polyamide tube construction - Steel braid for high pressure requirements and increased mechanical properties, increasing lifetime of the hose - Conductive - Blue pinpricked cover.

S00V2TF 2 trecce acciaio alta resistenza - Solvents

Two high tensile steel wire braids - Solvents

Applicazioni:
Sistemi di verniciatura a spruzzo air-less ad alta pressione che richiedono una superiore resistenza meccanica e/o conducibilità elettrica - Applicazioni che necessitano di una superiore resistenza a solventi ed agenti chimici aggressivi - Gas industriali (verificare la compatibilità).

Application:
Sistemi di verniciatura a spruzzo air-less ad alta pressione che richiedono una superiore resistenza meccanica e/o conducibilità elettrica - Applicazioni che necessitano di una superiore resistenza a solventi ed agenti chimici aggressivi - Gas industriali (verificare la compatibilità).

Tubo interno: poliammide.
Internal hose: *polyamide.*

Rinforzo: Due trecce in acciaio.
Reinforcement: *Two braid of steel wire.*

Copertura esterna: Poliuretano, blu, microforatura, marcatura ink-jet nera.
External covering: *Polyurethane, blue, pinpricked, black ink-jet branding.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
1/4"	6,4	04	12,8	400	5800	1600	23200	40	1,575	0,245	0,165
3/8"	9,8	06	16,8	330	4785	1320	19140	65	2,559	0,380	0,255
1/2"	13,0	08	20,2	260	3770	1040	15080	85	3,346	0,450	0,302
3/4"	19,5	12	27,5	150	2175	660	9570	170	6,693	0,690	0,464

CARATTERISTICHE: Tubo in poliammide - Doppia treccia in acciaio per alte pressioni e migliori proprietà meccaniche - Maggiore durata del tubo in condizioni di lavoro molto severe - Conduttivo - Copertura blu microforata.
FEATURES: Polyamide tube construction - 2 steel braid for high pressure requirements and increased mechanical properties, increasing lifetime of the hose under very harsh working conditions - Conductive - Blue pinpricked cover.

S0018TF R18 - Isobarica - Basse Temperature

R18 - Costant Pressure - Low Temperature

Applicazioni:
Carrelli elevatori - Applicazioni agricole ed industriali soggette a basse temperature o frequenti e rapidi sbalzi di temperatura.

Specifiche applicabili/Applicable specs.:
Meet and exceed SAE R18

Application:
Forklift handling - All industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes.

Tubo interno: Elastomero poliestere
Internal hose: *Polyester elastomer*

Rinforzo: Una - due trecce in fibra sintetica.
Reinforcement: *One or two braids of synthetic fiber.*

Copertura esterna: Speciale poliestere.
External covering: *Special polyester.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -55 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -55 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
3/16"	5,0	03	9,6	210	3045	840	12180	25	0,984	0,060	0,040
1/4"	6,5	04	12,2	210	3045	840	12180	35	1,378	0,095	0,064
5/16"	8,1	05	14,3	210	3045	840	12180	45	1,772	0,130	0,087
3/8"	9,7	06	16,6	210	3045	840	12180	45	1,772	0,165	0,111
1/2"	13,0	08	22,5	210	3045	840	12180	70	2,756	0,295	0,198
5/8"	16,3	10	26,1	210	3045	840	12180	100	3,937	0,370	0,249

CARATTERISTICHE: Ottima adesione tra gli strati - Copertura speciale resistente alle basse temperature - Stretto raggio di curvatura
FEATURES: Optimum bonding - Special polyester cover operating in cold enviroment - Tight bend radius

S00MPTF Tubo miniflessibile

Mini-flexible hose

Applicazioni:
Strumenti per misurazione di pressione - Prese di pressione - Applicazioni di mini-oleodinamica in spazi limitati - Sistemi idraulici per azionamento cappotta autoveicoli.

Application:
Pressure test equipment and test points - General mini hydraulic equipment using capillary hoses in confined areas - Automotive roof opening systems.

Tubo interno: Elastomero poliestere
Internal hose: *Polyester elastomer*

Rinforzo: Una treccia in fibra aramidica.
Reinforcement: *One braid of aramid fiber.*

Copertura esterna: Poliuretano antigrip, nero, microforato.
External covering: *Antigrip polyurethane, black, pinpricked.*

Fluidi raccomandati:
Fluidi idarulici derivati dal petrolio, emulsioni acqua-glicole,lubrificanti.
Recommended fluid:
Hydraulic fluid ptroleum based, glicol-water based, lubrificant.
Temperatura di esercizio:
da -40 a +100°C continuo
+70° per fluidi acquosi
Operating temperature range:
from -40 to +100°C continuous
+70°C for water based fluids

ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
in	mm		mm	bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
5/64"	2,0	02	5,0	630	9135	1900	27550	20	0,787	0,020	0,013
1/8"	3,0	03	6,0	630	9135	1900	27550	30	1,181	0,025	0,017
5/32"	4,0	04	8,0	630	9135	1900	27550	40	1,575	0,045	0,030

CARATTERISTICHE: Molto flessibile e leggero - Resistenza al kinking - Facile inserimento in fasci di tubi grazie alla copertura antiadesiva
FEATURES: Very flexible and lightweight - Kink resistance - Antistick cover allow use of hose bundles for easy routing

000T1TF Tubo P.T.F.E. tipo T1

P.T.F.E. flexible hose type T1

Applicazioni:
Tubo metrico da utilizzare con raccordi standard.

Application:
Metric range for use with European hydraulics fittings.

Tubo interno: P.T.F.E. liscio.
Internal hose: *Smooth P.T.F.E..*

Copertura esterna: 1 treccia in acciaio inox AISI 304 ad alta resistenza.
External covering: *One high tensile stainless steel AISI 304 wire braids.*

Temperatura di esercizio:
da -70 a +260°C

Operating temperature range:
from -70 to +260°C

ID			Spess. Parete	OD	OD	Max WP		Min BP		Min BR	
inch	mm	Dash	mm	mm		bar (*)	psi	bar	psi	mm	inch
3/16"	5,1	03	0,7	7,4		264	3828	792	11484	50	1,969
1/4"	6,7	04	0,7	9,0		225	3263	675	9788	75	2,953
5/16"	8,4	05	0,7	10,8		218	3161	654	9483	100	3,937
3/8"	10,0	06	0,7	12,4		183	2654	549	7961	125	4,921
1/2"	13,2	08	0,7	15,7		160	2320	480	6960	152	5,984
5/8"	16,6	10	0,8	19,1		114	1653	342	4959	178	7,008
3/4"	19,8	12	0,8	22,2		103	1494	309	4481	203	7,992
1 "	26,1	16	1	29,7		80	1160	240	3480	300	11,811

(*) - Pressione d' esercizio calcolata con coeff. 3:1. Per i tubi raccordati è consigliabile calcolare la pressione massima di esercizio con coeffeiciente di sicurezza 4:1 rispetto a quella di scoppio. Oltre i 130° contattare il ns. U.T.

(*) - The maximum working pressure is calculated on the basis of 3:1 relative to the burst pressure. For assembled hoses the maximum working pressure is calculated with a safety factor 4:1 relative to the burst pressure. For temperature over 130°C, please contact our technical departement.

000T2TF Tubo P.T.F.E. tipo T2

P.T.F.E. flexible hose type T2

Tubo interno: P.T.F.E. liscio.
Internal hose: *Smooth P.T.F.E..*

Copertura esterna: 2 trecce in acciaio inox AISI 304 ad alta resistenza.
External covering: *Two high tensile stainless steel AISI 304 wire braids.*

Temperatura di esercizio:
da -70 a +260°C

Operating temperature range:
from -70 to +260°C

ID		ID Mim	Spess. Min Parete	OD	Max WP		Min BR		Weight (approx)	
in	mm	mm	mm	mm	bar (*)	psi	mm	inch	gr/m	lb/ft
3/16"	5,0	4,5	1	9,0	320	4640	25	0,984	140	0,09408
1/4"	6,5	6	1	10,9	310	4495	26	1,024	183	0,12298
5/16"	8,0	7,5	1	12,6	275	3988	35	1,378	210	0,14112
3/8"	9,5	9,1	1	14,3	240	3480	50	1,969	243	0,16330
13/32"	10,5	10	1	15,3	230	3335	60	2,362	258	0,17338
1/2"	13,0	11,9	1	17,3	200	2900	75	2,953	374	0,25133
5/8"	16,0	15	1,3	21,2	155	2248	100	3,937	452	0,30374
3/4"	19,0	18	1,3	24,3	110	1595	135	5,315	532	0,35750
7/8"	22,0	21,5	1,1	28,5	105	1523	230	9,055	700	0,47040
1"	25,0	24	1,3	31,2	84	1218	250	9,843	730	0,49056
1.1/8"	28,5	28	1,3	35,5	40	580	350	13,780	600	0,40320
1.1/4"	25,0	30,4	1,5	37,5	75	1088	400	15,748	950	0,63840
1.1/2"	28,5	36,2	1,5	44,7	65	943	800	31,496	1170	0,78624
2"	25,0	50,4	1,5	57,4	40	580	1200	47,244	1610	1,08192

(*) - Pressione d' esercizio calcolata con coeff. 3:1. Per i tubi raccordati è consigliabile calcolare la pressione massima di esercizio con coeffeiciente di sicurezza 4:1 rispetto a quella di scoppio. Oltre i 130° contattare il ns. U.T.

(*) - The maximum working pressure is calculated on the basis of 3:1 relative to the burst pressure. For assembled hoses the maximum working pressure is calculated with a safety factor 4:1 relative to the burst pressure. For temperature over 130°C, please contact our technical departement.

00LTCTF **Tubo P.T.F.E. corrugato tipo LTC**

Convoluted P.T.F.E. hose type LTC

Applicazioni:
Tubo metrico da utilizzare con raccordi standard.

Application:
Metric range for use with European hydraulics fittings.

Tubo interno: P.T.F.E. corrugato.
Internal hose: *Convoluted P.T.F.E. core.*

Copertura esterna: 1 treccia in acciaio inox AISI 304 ad alta resistenza.
External covering: *One high tensile stainless steel AISI 304 wire braids.*

Temperatura di esercizio:
da -70 a +260°C

Operating temperature range:
from -70 to +260°C

ID		ID Mim	Spess. Min Parete	OD	Tolleranza (±)	Max WP		Min BR		Weight (approx)	
in	mm	mm	mm	mm	mm	bar (*)	psi	mm	inch	gr/m	lb/ft
1/4"	6,4	04	0,76	12,3	0,50	172	2494	18	0,709	88	0,05914
3/8"	9,5	06	0,76	15,3	0,60	138	2001	20	0,787	102	0,06854
1/2"	12,7	08	0,89	18,8	0,60	103	1494	25	0,984	121	0,08131
5/8"	15,9	10	0,89	22,1	0,60	83	1204	51	2,008	136	0,09139
3/4"	19,0	12	0,89	24,7	0,70	69	1001	64	2,520	228	0,15322
1"	25,4	16	1,02	32,8	0,80	46	667	89	3,504	281	0,18883
1 1/4"	31,8	20	1,02	40,7	0,80	34	493	127	5,000	347	0,23318
1 1/2"	38,1	24	1,12	48,3	0,80	30	435	152	5,984	473	0,31786
2"	50,8	32	1,2	61,5	0,8	23	334	200	7,874	549	0,36893

(*) - Pressione d' esercizio calcolata con coeff. 3:1. Per i tubi raccordati è consigliabile calcolare la pressione massima di esercizio con coeffeiciente di sicurezza 4:1 rispetto a quella di scoppio. Oltre i 130° contattare il ns. U.T.

(*) - The maximum working pressure is calculated on the basis of 3:1 relative to the burst pressure. For assembled hoses the maximum working pressure is calculated with a safety factor 4:1 relative to the burst pressure. For temperature over 130°C, please contact our technical departement.

0100 Boccola a Pressare (skive)

Swaged Ferrule (skive)

per tubo / for hose:
R1A - 1ST

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	17,5	27,0	10,5	20	R1A/1ST
1/4	6,4	20,0	30,2	13,5	23	R1A/1ST
5/16	7,9	22,0	30,7	14,4	23	R1A/1ST
3/8	9,5	24,0	32,0	16,5	24	R1A/1ST
1/2	12,7	28,5	34,0	20,5	25	R1A/1ST
5/8	15,9	32,0	37,0	23,8	27	R1A/1ST
3/4	19	36,0	43,0	27,6	31	R1A/1ST
1	25,4	43,0	50,0	34,7	37	R1A/1ST
1.1/4	31,8	52,0	57,0	42,4	46	R1A/1ST
1.1/2	38,1	57,0	63,0	48,0	44	R1A/1ST
2	50,8	70,6	78,0	61,2	60	R1A/1ST

0200 Boccola a Pressare (skive)

Swaged Ferrule (skive)

per tubo / for hose:
R2A - 2ST - R9

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	20,0	27,0	12,3	21	R2A/2ST
1/4	6,4	21,0	30,0	14,1	22	R2A/2ST
5/16	7,9	24,0	30,0	15,8	22	R2A/2ST
3/8	9,5	25,4	32,0	18,0	24	R2A/2ST - R9
1/2	12,7	30,0	34,0	22,0	25	R2A/2ST - R9
5/8	15,9	34,0	37,0	25,9	27	R2A/2ST
3/4	19	38,0	43,0	29,2	31	R2A/2ST - R9
1	25,4	46,0	50,0	36,5	37	R2A/2ST - R9
1.1/4	31,8	56,0	59,0	45,2	43	R2A/2ST
1.1/2	38,1	62,0	63,0	51,9	45	R2A/2ST
2	50,8	75,0	79,0	64,5	61	R2A/2ST
2.1/2	63,5	95,0	83,7	82,3	63	R2A/2ST/2SC
3	76,2	105,6	94,3	94,9	78	R2A/2ST/2SC

1100 Boccola a Pressare (non skive)

Swaged Ferrule (no skive)

per tubo / for hose:
R1AT - 1SN

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	19,0	26,0	12,8	NO	R1AT/1SN
1/4	6,4	20,0	30,5	14,3	NO	R1AT/1SN
5/16	7,9	22,0	30,0	15,9	NO	R1AT/1SN
3/8	9,5	24,0	31,5	18,3	NO	R1AT/1SN
1	25,4	43,0	50,0	36,8	NO	R1AT/1SN
1.1/4	31,8	53,0	59,0	45,0	NO	R1AT/1SN
1.1/2	38,1	58,0	73,0	52,0	NO	R1AT/1SN
2	50,8	73,0	77,0	65,5	NO	R1AT/1SN

1C00 Boccola a Pressare (non skive)

Swaged Ferrule (no skive)

per tubo / for hose:
1SC - 2SC - 1SN

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	19	24	13,5	NO	R17 - Pilot (TFE0P10)
1/4	6,4	20	26	14,3	NO	1SC - 2SC - 1SN
5/16	7,9	22	26	16,1	NO	1SC - 2SC - 1SN
3/8	9,5	24	26	18,4	NO	1SC - 2SC - 1SN
1/2	12,7	28	28	21,7	NO	1SC - 2SC - 1SN
5/8	15,9	32	29	25,0	NO	1SC - 2SC - 1SN
3/4	19	35	35	28,7	NO	1SC - 2SC - 1SN
1	25,4	44	44	36,7	NO	1SC - 2SC - 1SN
1.1/4	31,8	54	56	45,4	NO	2SC - 1SN

2200 Boccola a Pressare (non skive)

Swaged Ferrule (no skive)

for hose / per tubo:
R1AT - 1SN - R2AT - 2SN - 2SC - R16 - R17 (2 Trecce)

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	21,0	25,6	14,6	NO	R1AT/R2AT/2SC/R16
1/4	6,4	22,0	28,0	15,8	NO	R1AT/R2AT/2SC/R16
5/16	7,9	24,0	28,0	17,5	NO	R1AT/R2AT/2SC/R16
3/8	9,5	26,5	28,0	20,0	NO	R1AT/R2AT/2SC/R16
1/2	12,7	30,0	31,0	23,3	NO	R1AT/R2AT/2SC/R17/R16
5/8	15,9	33,0	31,0	26,5	NO	R1AT/R2AT/2SC/R17/R16
3/4	19	37,0	38,0	30,4	NO	R1AT/R2AT/2SC/R17/R16
1	25,4	46,0	47,5	39,0	NO	R1AT/R2AT/2SC/R17/R16
1.1/4	31,8	58,0	56,0	49,4	NO	R1AT/R2AT/2SC/R17/R16
1.1/2	38,1	65,6	66,0	55,9	NO	R1AT/R2AT/2SC/R17/R16
2	50,8	78,6	73,0	68,6	NO	R1AT/R2AT/2SC/R17/R16

1K00 Boccola a Pressare (non skive)

Swaged Ferrule (no skive)

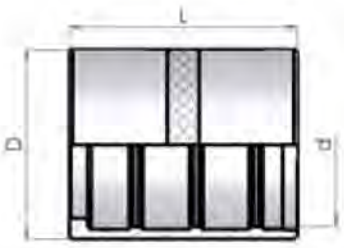
per tubo / for hose:
1SC - R17 (1 treccia)

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
1/4	6,4	18,0	30,0	13,0	NO	1SC - R17
5/16	7,9	20,0	30,5	15,0	NO	1SC - R17
3/8	9,5	22,0	34,0	17,0	NO	1SC - R17
1/2	12,7	25,5	34,0	19,9	NO	1SC
5/8	15,9	28,0	37,0	23,0	NO	1SC
3/4	19	32,0	42,5	26,4	NO	1SC

0700 Boccola a Pressare (non skive)

Swaged Ferrule (no skive)

per tubo / for hose:
R7 - R8 - R6 - 1TE



hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	14,0	27,0	10,6	NO	R7-R8-1TE
1/4	6,4	17,0	29,0	13,5	NO	R6-R7-R8-1TE
5/16	7,9	19,0	30,0	15,2	NO	R6-R7-R8-1TE
3/8	9,5	21,0	31,0	16,8	NO	R6-R7-R8-1TE
1/2	12,7	25,4	34,0	20,8	NO	R6-R7-R8-1TE
5/8	15,9	28,5	36,0	24,0	NO	R6-R7-R8-1TE
3/4	19	32,0	36,0	27,8	NO	R7-R8-1TE
1	25,4	40,0	50,0	34,5	NO	R7-R8-1TE

chiedere per diametri di pressatura tubo R8 / ask for R8 swaging diameters

0300 Boccola a Pressare (non skive)

Swaged Ferrule (no skive)

per tubo / for hose:
R3

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	14,0	27,0	10,6	NO	R3
1/4	6,4	19,0	29,0	15,2	NO	R3
5/16	7,9	22,0	30,0	18,4	NO	R3
3/8	9,5	24,0	31,0	19,9	NO	R3
1/2	12,7	28,5	34,0	24,7	NO	R3
5/8	15,9	32,0	36,0	27,9	NO	R3
3/4	19	38,0	42,0	32,6	NO	R3
1	25,4	46,0	50,0	39,5	NO	R3
1.1/4	31,8	52,0	57,0	46,0	NO	R3

C1BM
C2BM Boccola a Pressare (non skive)

Swaged Ferrule (no skive)

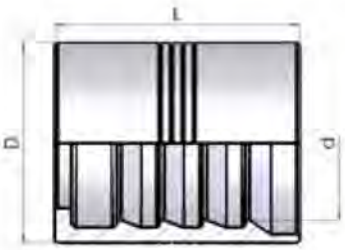
per tubo / for hose:
4SP - 4SH - R9 - R12 - R13 - R15

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
1	25,4	53,5	56,0	41,0	NO	4SP-4SH-R9-R12-R13-R15
1.1/4	31,8	62,0	62,0	48,6	NO	4SH - R15 (4spiral)
1.1/4	31,8	66,0	62,0	52,6	NO	4SP-R9-R12-R13-R15(6 spiral)
1.1/2	38,1	73,3	70,0	59,8	NO	4SP-R9-R12-R13-R15(6 spiral)

0900 Boccola a Pressare (skive)

Swaged Ferrule (skive)

per tubo / for hose:
R9 - 4SP - 4SH - R12

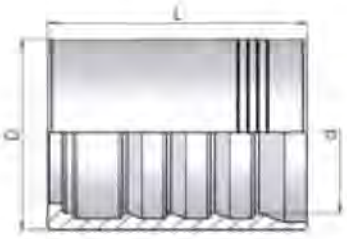


hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
1/4	6,4	21,0	30,0	15,3	22	R9 - 4SP - R12
3/8	9,5	25,4	33,5	18,3	26	R9 - 4SP - R12
1/2	12,7	30,0	36,0	22,0	28	R9 - 4SP - R12
5/8	15,9	34,0	40,0	25,7	31	R9 - 4SP - R12
3/4	19	38,0	43,0	29,4	34	R9 - 4SP - 4SH - R12
1	25,4	46,0	60,0	36,1	48	R9 - 4SP - 4SH - R12
1.1/4	31,8	56,0	66,0	46,7	54	R9 - 4SP - R12
1.1/2	38,1	67,0	76,5	55,7	62	R9 - 4SP - R12
2	50,8	80,0	79,8	68,8	64	R9 - 4SP - R12

4H00 Boccola a Pressare (skive)

Swaged Ferrule (skive)

per tubo / for hose:
4SH



hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
1.1/4	31,8	52,0	66,0	43,0	54	DIN 4SH
1.1/2	38,1	62,0	76,5	50,4	62	DIN 4SH
2	50,8	75,0	79,8	65,5	64	DIN 4SH

FEPT Boccola per tubo PTFE

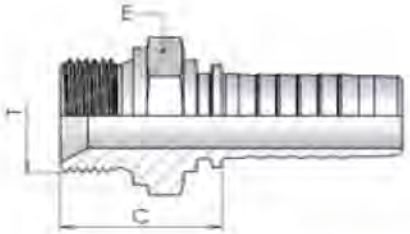
Ferrule for PTFE hose

per tubo / for hose:
PTFE type **TP1** (with std fittings)

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/16	4,8	12,7	22	9,5	No	PTFE type TP1
1/4	6,4	14,4	23,9	11,1	No	PTFE type TP1
5/16	7,9	17,1	24,6	13,0	No	PTFE type TP1
3/8	9,5	19,0	27,4	15,0	No	PTFE type TP1
1/2	12,7	22,4	28,7	18,3	No	PTFE type TP1
5/8	15,9	27,0	31,7	23,1	No	PTFE type TP1
3/4	19	28,7	34,5	24,8	No	PTFE type TP1
1	25,4	38,1	43,6	34,3	No	PTFE type TP1

5003 Maschio BSP svas. 60°

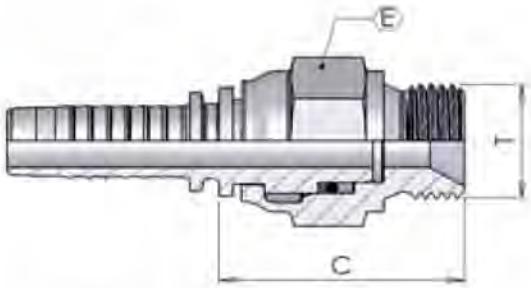
BSP Male Parallel 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/8-28	14	21
3/16	4,8	03	1/4-19	19	26
1/4	6,4	04	1/8-28	14	21
1/4	6,4	04	1/4-19	19	27
1/4	6,4	04	3/8-19	22	28
1/4	6,4	04	1/2-14	27	35
5/16	7,9	05	1/4-19	19	27
5/16	7,9	05	3/8-19	22	28
5/16	7,9	05	1/2-14	27	32
3/8	9,5	06	1/4-19	19	27
3/8	9,5	06	3/8-19	22	29
3/8	9,5	06	1/2-14	27	32
1/2	12,7	08	3/8-19	22	29
1/2	12,7	08	1/2-14	27	33
1/2	12,7	08	5/8-14	30	34
1/2	12,7	08	3/4-14	32	35
5/8	15,9	10	1/2-14	27	33
5/8	15,9	10	5/8-14	30	35
5/8	15,9	10	3/4-14	32	35
3/4	19	12	3/4-14	32	36
3/4	19	12	1-11	41	39
1	25,4	16	1-11	41	40
1	25,4	16	1.1/4-11	50	44
1.1/4	31,8	20	1-11	41	41
1.1/4	31,8	20	1.1/4-11	50	45
1.1/4	31,8	20	1.1/2-11	55	46
1.1/2	38,1	24	1.1/2-11	55	46
1.1/2	38,1	24	2-11	70	54
2	50,8	32	1.1/2-11	65	50
2	50,8	32	2-11	70	54

5G03 Maschio BSP Svas.60° - girevole

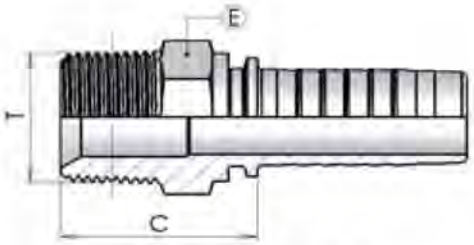
BSP Male Parallel 60° Cone - Rotating



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	37
5/16	7,9	05	1/2-14	27	44
3/8	9,5	06	3/8-19	22	43
1/2	12,7	08	1/2-14	27	47
3/4	19	12	3/4-14	32	54
1	25,4	16	1-11	41	59
1.1/4	31,8	20	1.1/4-11	50	63
1.1/2	38,1	24	1.1/2-11	55	67
2	50,8	32	2-11	65	72

6003 Maschio BSPT svas. 60°

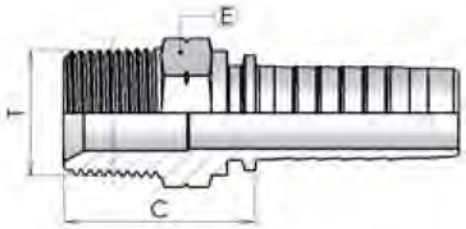
BSP Taper Male 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/8-28	12	21
3/16	4,8	03	1/4-19	15	27
1/4	6,4	04	1/8-28	12	22
1/4	6,4	04	1/4-19	15	28
1/4	6,4	04	3/8-19	19	28
5/16	7,9	05	1/4-19	15	28
5/16	7,9	05	3/8-19	19	28
3/8	9,5	06	1/4-19	17	28
3/8	9,5	06	3/8-19	19	28
3/8	9,5	06	1/2-14	22	33
1/2	12,7	08	3/8-19	19	29
1/2	12,7	08	1/2-14	22	34
1/2	12,7	08	3/4-14	27	36
5/8	15,9	10	1/2-14	22	34
5/8	15,9	10	5/8-14	24	35
5/8	15,9	10	3/4-14	27	36
3/4	19	12	3/4-14	27	37
3/4	19	12	1-11	36	43
1	25,4	16	1-11	36	44
1	25,4	16	1.1/4-11	46	46
1.1/4	31,8	20	1.1/4-11	46	47
1.1/4	31,8	20	1.1/2-11	50	49
1.1/2	38,1	24	1.1/2-11	50	49
1.1/2	38,1	24	2-11	65	55
2	50,8	32	2-11	65	55

7003 Maschio NPTF svas. 60°

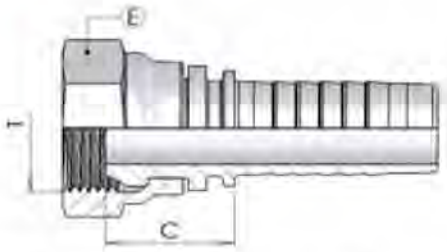
NPTF Male 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/8-27	12	22
3/16	4,8	03	1/4-18	15	27
1/4	6,4	04	1/8-27	12	22
1/4	6,4	04	1/4-18	15	28
1/4	6,4	04	3/8-18	19	28
5/16	7,9	05	1/4-18	15	28
5/16	7,9	05	3/8-18	19	28
5/16	7,9	05	1/2-14	22	34
3/8	9,5	06	1/4-18	17	28
3/8	9,5	06	3/8-18	19	28
3/8	9,5	06	1/2-14	22	34
1/2	12,7	08	3/8-18	19	29
1/2	12,7	08	1/2-14	22	35
1/2	12,7	08	3/4-14	27	36
5/8	15,9	10	1/2-14	24	35
5/8	15,9	10	3/4-14	27	36
3/4	19	12	1/2-14	24	36
3/4	19	12	3/4-14	27	37
3/4	19	12	1-11.1/2	36	43
1	25,4	16	1-11.1/2	36	44
1	25,4	16	1.1/4-11.1/2	46	46
1.1/4	31,8	20	1-11.1/2	41	45
1.1/4	31,8	20	1.1/4-11.1/2	46	47
1.1/2	38,1	24	1.1/2-11.1/2	50	49
2	50,8	32	2-11.1/2	65	55
2.1/2	63,5	40	2.1/2-8	80	55
3	76,2	48	3-8	90	58

51N0 Femmina NPSM cono 60° dado rullato

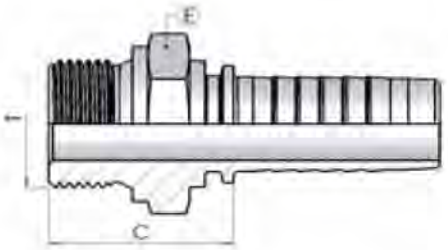
NPSM Female 60° Cone Rolled Nut



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/4-18	19	17
1/4	6,4	04	1/4-18	19	17
3/8	9,5	06	3/8-18	22	19
1/2	12,7	08	1/2-14	27	23

4503 Maschio BSP - Sede Piana

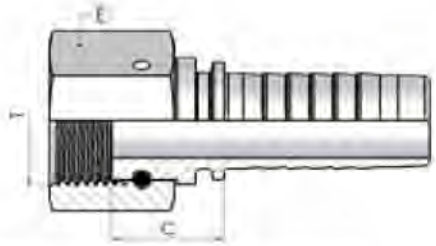
BSP Male - Flat Seat



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/8-28	14	21
1/4	6,4	04	1/4-19	19	27
1/4	6,4	04	3/8-19	22	28
5/16	7,9	05	3/8-19	22	28
3/8	9,5	06	3/8-19	22	29
3/8	9,5	06	1/2-14	27	32
1/2	12,7	08	1/2-14	27	33
1/2	12,7	08	5/8-14	30	35
1/2	12,7	08	3/4-14	32	35
5/8	15,9	10	5/8-14	30	35
5/8	15,9	10	3/4-14	32	35
3/4	19	12	3/4-14	32	36
3/4	19	12	1-11	41	39
1	25,4	16	1-11	41	40

6000 Femmina BSP Sede Piana

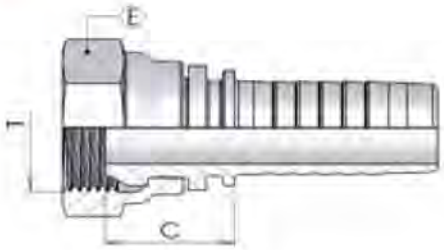
BSP Female Flat Seal



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	14
1/4	6,4	04	3/8-19	22	15
5/16	7,9	05	1/4-19	19	14
5/16	7,9	05	3/8-19	22	15
5/16	7,9	05	1/2-14	27	17
3/8	9,5	06	3/8-19	22	15
3/8	9,5	06	1/2-14	27	16
1/2	12,7	08	1/2-14	27	16
1/2	12,7	08	5/8-14	30	16
1/2	12,7	08	3/4-14	32	23
5/8	15,9	10	5/8-14	30	16
5/8	15,9	10	3/4-14	32	20
3/4	19	12	3/4-14	32	21
3/4	19	12	1-11	38	23
1	25,4	16	1-11	38	22
1.1/2	38,1	24	1.1/2-11	55	27

5100 Femmina BSP cono 60° Dado Rullato

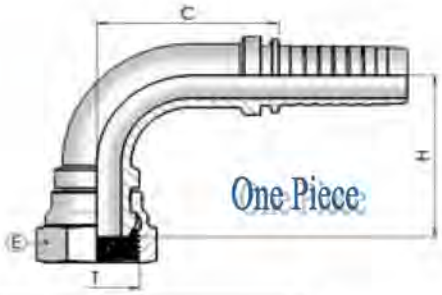
BSP Female 60° Cone Rolled Nut



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/8-28	14	15
3/16	4,8	03	1/4-19	19	17
1/4	6,4	04	1/8-28	14	15
1/4	6,4	04	1/4-19	19	17
1/4	6,4	04	3/8-19	22	19
1/4	6,4	04	1/2-14	27	22
5/16	7,9	05	1/4-19	19	17
5/16	7,9	05	3/8-19	22	19
5/16	7,9	05	1/2-14	27	22
3/8	9,5	06	1/4-19	19	17
3/8	9,5	06	3/8-19	22	19
3/8	9,5	06	1/2-14	27	22
1/2	12,7	08	3/8-19	22	20
1/2	12,7	08	1/2-14	27	23
1/2	12,7	08	5/8-14	30	20
1/2	12,7	08	3/4-14	32	27
5/8	15,9	10	1/2-14	27	23
5/8	15,9	10	5/8-14	30	20
5/8	15,9	10	3/4-14	32	25
3/4	19	12	3/4-14	32	25
3/4	19	12	1-11	38	26
1	25,4	16	1-11	38	27

5101 Curva BSP 90° cono 60° Dado Rullato

BSP 90° Swept Elbow 60° Cone Rolled Nut



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	1/8-28	14	23	22
3/16	4,8	03	1/4-19	19	25	22
1/4	6,4	04	1/8-28	14	25	25
1/4	6,4	04	1/4-19	19	27	25
1/4	6,4	04	3/8-19	22	31	25
5/16	7,9	05	3/8-19	22	36	29
3/8	9,5	06	3/8-19	22	35	33
3/8	9,5	06	1/2-14	27	40	31
1/2	12,7	08	1/2-14	27	41	39
1/2	12,7	08	5/8-14	30	41	41
1/2	12,7	08	3/4-14	32	46	41
5/8	15,9	10	5/8-14	30	43	43
5/8	15,9	10	3/4-14	32	50	45
3/4	19	12	3/4-14	32	57	56
3/4	19	12	1-11	38	60	56
1	25,4	16	1-11	38	67	70

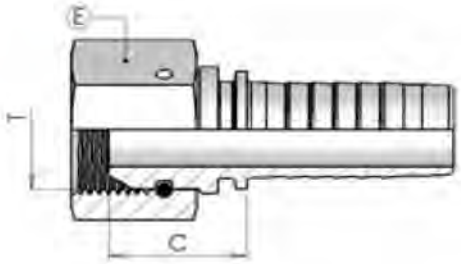
5102 Curva BSP 45° cono 60° Dado Rullato

BSP 45° Swept Elbow 60° Cone Rolled Nut

hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	1/8-28	14	15	33
3/16	4,8	03	1/4-19	19	15	35
1/4	6,4	04	1/8-28	14	14	40
1/4	6,4	04	1/4-19	19	15	41
1/4	6,4	04	3/8-19	22	18	44
5/16	7,9	05	3/8-19	22	19	51
3/8	9,5	06	3/8-19	22	19	52
3/8	9,5	06	1/2-14	27	21	55
1/2	12,7	08	1/2-14	27	24	65
1/2	12,7	08	5/8-14	30	21	96
1/2	12,7	08	3/4-14	32	25	70
5/8	15,9	10	5/8-14	30	23	68
5/8	15,9	10	3/4-14	32	27	72
3/4	19,0	12	3/4-14	32	30	86
3/4	19,0	12	1-11	38	32	88
1	25,4	16	1-11	38	35	107

5000 Femmina BSP cono 60° Dado Spinato

BSP Female 60° cone Thrust Wire

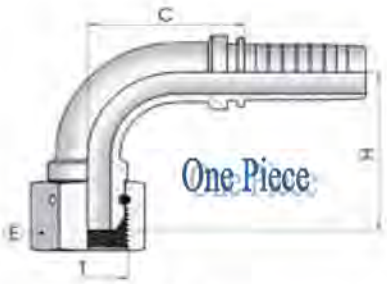


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	hose I.D.		Dimension			
			dash	thread	hex	cut-off
	in	mm	size	T	E	C
	3/16	4,8	03	1/8-28	14	15
	3/16	4,8	03	1/4-19	19	17
	1/4	6,4	04	1/8-28	14	15
	1/4	6,4	04	1/4-19	19	17
	1/4	6,4	04	3/8-19	22	19
	1/4	6,4	04	1/2-14	27	22
	5/16	7,9	05	1/4-19	19	17
	5/16	7,9	05	3/8-19	22	19
	3/8	9,5	06	1/4-19	19	17
	3/8	9,5	06	3/8-19	22	19
	3/8	9,5	06	1/2-14	27	22
	1/2	12,7	08	3/8-19	22	20
	1/2	12,7	08	1/2-14	27	23
	1/2	12,7	08	5/8-14	30	20
	1/2	12,7	08	3/4-14	32	27
	5/8	15,9	10	5/8-14	30	20
	5/8	15,9	10	3/4-14	32	25
	3/4	19	12	1/2-14	27	24
	3/4	19	12	3/4-14	32	25
(*)	3/4	19	12	1-11	38	26
	1	25,4	16	3/4-14	32	27
(*)	1	25,4	16	1-11	38	27
(*)	1	25,4	16	1.1/4-11	50	30
(*)	1.1/4	31,8	20	1.1/4-11	50	32
	1.1/4	31,8	20	1.1/4-11	50	32
(*)	1.1/4	31,8	20	1.1/2-11	55	34
(*)	1.1/2	38,1	24	1.1/2-11	55	34
	1.1/2	38,1	24	1.1/2-11	55	34
(*)	1.1/2	38,1	24	2-11	70	34
(*)	2	50,8	32	2-11	70	31
	2	50,8	32	2-11	70	31
	2.1/2	63,5	40	2.1/2-11	85	41
	3	76,2	48	3-11	100	45

5001 Curva BSP 90° cono 60° Dado Spinato

BSP 90° Swept Elbow 60° cone Thrust Wire

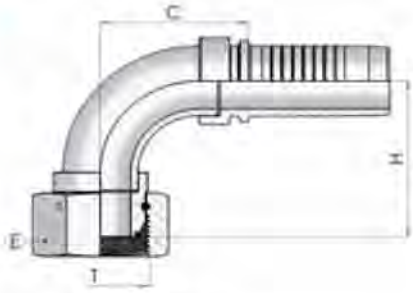


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
	3/16	4,8	03	1/8-28	14	23	22
	3/16	4,8	03	1/4-19	19	25	22
	1/4	6,4	04	1/8-28	14	25	25
	1/4	6,4	04	1/4-19	19	27	25
	1/4	6,4	04	3/8-19	22	31	25
	5/16	7,9	05	1/4-19	19	31	31
	5/16	7,9	05	3/8-19	22	36	29
	3/8	9,5	06	1/4-19	19	33	31
	3/8	9,5	06	3/8-19	22	35	33
	3/8	9,5	06	1/2-14	27	40	31
	1/2	12,7	08	3/8-19	22	42	39
	1/2	12,7	08	1/2-14	27	41	39
	1/2	12,7	08	5/8-14	30	42	39
	1/2	12,7	08	3/4-14	32	46	41
	5/8	15,9	10	5/8-14	30	43	43
	5/8	15,9	10	3/4-14	32	50	45
	3/4	19	12	3/4-14	32	57	56
(*)	3/4	19	12	1-11	38	60	56
(*)	1	25,4	16	1-11	38	67	70
(*)	1.1/4	31,8	20	1.1/4-11	50	81	86
	1.1/4	31,8	20	1.1/4-11	50	81	86
(*)	1.1/2	38,1	24	1.1/2-11	55	95	103
	1.1/2	38,1	24	1.1/2-11	55	95	103
(*)	2	50,8	32	2-11	70	135	122
	2	50,8	32	2-11	70	135	122

50S01 Curva BSP 90° cono 60° Dado Spinato (saldata)

BSP 90° Swept Elbow 60° cone Thrust Wire (welded)

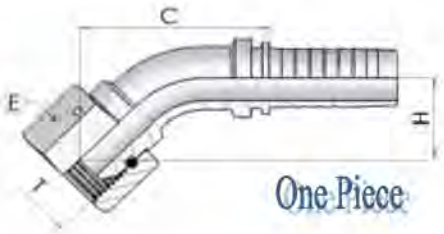


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
	1/2	12,7	08	3/8-19	22	37	31
	1	25,4	16	3/4-14	32	68	57
	1	25,4	16	1-11	38	69	57
(*)	1	25,4	16	1.1/4-11	50	72	62
(*)	1.1/4	31,8	20	1.1/4-11	50	72	63
(*)	1.1/4	31,8	20	1.1/2-11	55	89	81
(*)	1.1/2	38,1	24	1.1/2-11	55	89	80
(*)	1.1/2	38,1	24	2-11	70	113	102
(*)	2	50,8	32	2-11	70	113	103

5002 Curva BSP 45° cono 60° Dado Spinato

BSP 45° Swept Elbow 60° cone Thrust Wire



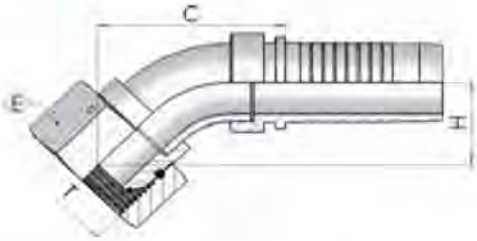
(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

O-Ring

	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
	3/16	4,8	03	1/8-28	14	15	33
	3/16	4,8	03	1/4-19	19	15	35
	1/4	6,4	04	1/8-28	14	14	40
	1/4	6,4	04	1/4-19	19	15	41
	1/4	6,4	04	3/8-19	22	18	44
	5/16	7,9	05	1/4-19	19	18	47
	5/16	7,9	05	3/8-19	22	19	51
	3/8	9,5	06	1/4-19	19	16	50
	3/8	9,5	06	3/8-19	22	19	52
	3/8	9,5	06	1/2-14	27	21	55
	1/2	12,7	08	3/8-19	22	22	63
	1/2	12,7	08	1/2-14	27	24	65
	1/2	12,7	08	5/8-14	30	21	64
	1/2	12,7	08	3/4-14	32	25	70
	5/8	15,9	10	5/8-14	30	23	68
	5/8	15,9	10	3/4-14	32	27	72
	3/4	19	12	3/4-14	32	30	86
(*)	3/4	19	12	1-11	38	32	88
(*)	1	25,4	16	1-11	38	35	107
(*)	1.1/4	31,8	20	1.1/4-11	50	40	107
(*)	1.1/2	38,1	24	1.1/2-11	55	47	117
(*)	2	50,8	32	2-11	70	65	142

50S02 Curva BSP 45° cono 60° Dado Spinato (saldata)

BSP 45° Swept Elbow 60° cone Thrust Wire (welded)



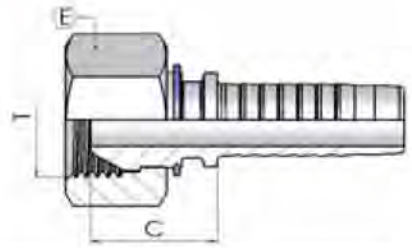
(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

O-Ring

	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
(*)	1	25,4	16	1.1/4-11	50	33	70
(*)	1.1/4	31,8	20	1.1/4-11	50	33	71
(*)	1.1/4	31,8	20	1.1/2-11	55	41	91
(*)	1.1/2	38,1	24	1.1/2-11	55	41	90
(*)	1.1/2	38,1	24	2-11	70	53	114
(*)	2	50,8	32	2-11	70	53	114

5200 Femmina BSP cono 60° Dado Libero

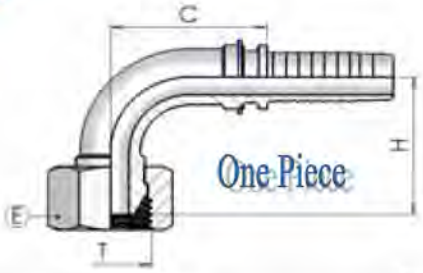
BSP Female 60° Cone Slip On Nut



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	17	17
3/8	9,5	06	3/8-19	19	17
1/2	12,7	08	1/2-14	27	21

5201 Curva BSP 90° cono 60° Dado Libero

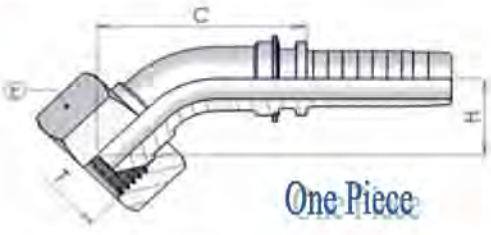
BSP 90° Swept Elbow 60° Cone Slip On Nut



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	17	26	25
3/8	9,5	06	3/8-19	19	30	34
1/2	12,7	08	1/2-14	27	38	42

5202 Curva BSP 45° cono 60° Dado Libero

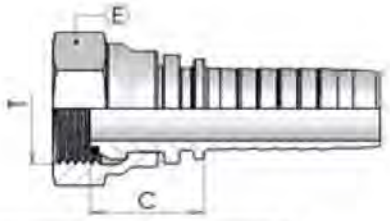
BSP 45° Swept Elbow 60° Cone Slip On Nut



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	17	15	41
3/8	9,5	06	3/8-19	19	15	34
1/2	12,7	08	1/2-14	27	19	61

4100 Femmina BSP cono 60° con O'Ring

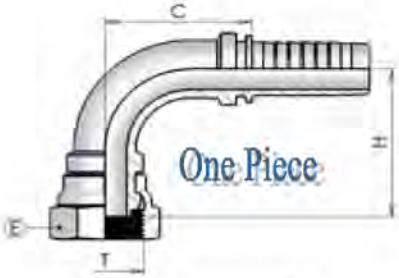
BSP O'Ring Female 60° Cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	17
3/8	9,5	06	3/8-19	22	19
1/2	12,7	08	1/2-14	27	21
5/8	15,9	10	5/8-14	30	21
3/4	19	12	3/4-14	32	26
1	25,4	16	1-11	38	28

4101 Curva BSP 90° cono 60° con O'Ring

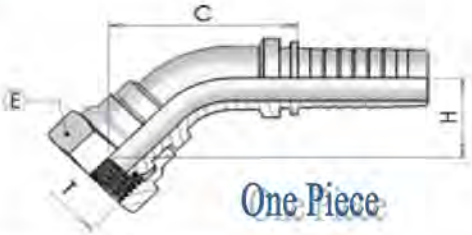
BSP O'Ring 90° Swept Elbow 60° Cone



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	27	25
3/8	9,5	06	3/8-19	22	34	33
1/2	12,7	08	1/2-14	27	40	41
5/8	15,9	10	5/8-14	30	46	43
3/4	19	12	3/4-14	32	54	56
1	25,4	16	1-11	38	67	70

4102 Curva BSP 45° cono 60° con O'Ring

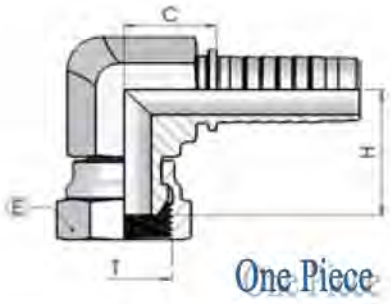
BSP O'Ring 45° Swept Elbow 60° Cone



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	15	41
3/8	9,5	06	3/8-19	22	21	52
1/2	12,7	08	1/2-14	27	22	63
5/8	15,9	10	5/8-14	30	23	68
3/4	19	12	3/4-14	32	28	88
1	25,4	16	1-11	38	33	105

2123 Compatta BSP 90° cono 60° (forgiata)

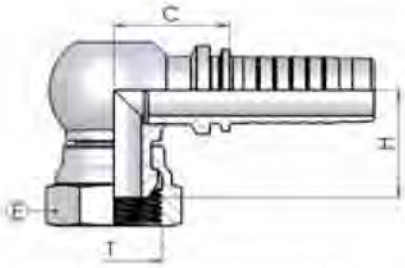
BSP 90° Compact Elbow 60° Cone (forged)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	20	19
1/4	6,4	04	3/8-19	22	29	24
5/16	7,9	05	3/8-19	22	29	24
3/8	9,5	06	3/8-19	22	23	23
3/8	9,5	06	1/2-14	27	26	28
1/2	12,7	08	3/8-19	22	30	28
1/2	12,7	08	1/2-14	27	27	26
3/4	19	12	3/4-14	32	32	32
1	25,4	16	1-11	38	36	38

0123 Compatta BSP 90° cono 60° (saldata)

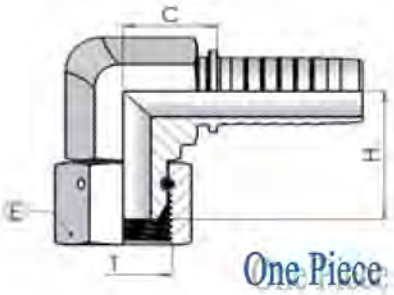
BSP 90° Compact Elbow 60° Cone (welded)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	1/8-28	14	16	17
5/8	15,9	10	5/8-14	28	27	30
5/8	15,9	10	3/4-14	32	32	29

2023 Compatta BSP 90° cono 60° dado spinato (forgiata)

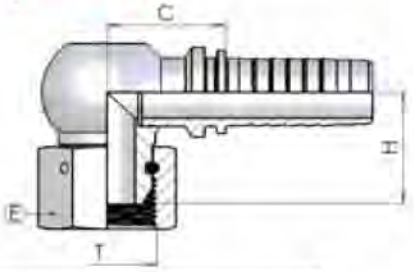
BSP 90° Compact Elbow 60° Cone Thrust Wire (forged)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	20	19
1/4	6,4	04	3/8-19	22	29	24
5/16	7,9	05	3/8-19	22	29	24
3/8	9,5	06	3/8-19	22	23	23
3/8	9,5	06	1/2-14	27	26	28
1/2	12,7	08	3/8-19	22	30	28
1/2	12,7	08	1/2-14	27	27	26
3/4	19	12	3/4-14	32	32	32
1	25,4	16	1-11	38	36	38

0023 Compatta BSP 90° cono 60° Dado Spinato (saldata)

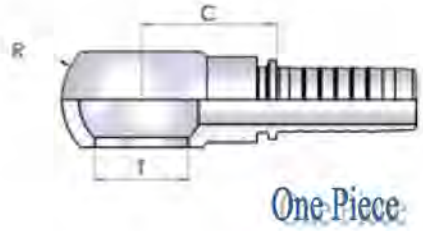
BSP 90° Compact Elbow 60° Cone Thrust Wire (welded)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	1/8-28	14	16	17
1/2	12,7	08	3/4-14	32	32	34
5/8	15,9	10	5/8-14	30	27	30
5/8	15,9	10	3/4-14	32	33	34
3/4	19	12	1-11	38	36	40
1.1/4	31,8	20	1.1/4-11	50	46	47

0014 Occhio a Pressare BSP

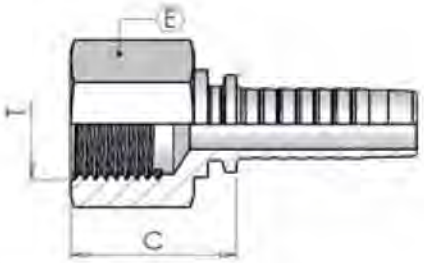
BSP Banjo



hose I.D.		Dimension				
		dash	hole			cut-off
in	mm	size	T	mm	R	C
3/16	4,8	03	1/8-28	10,2	17	19
3/16	4,8	03	1/4-19	13,3	24	26
1/4	6,4	04	1/8-28	10,2	17	25
1/4	6,4	04	1/4-19	13,3	24	26
1/4	6,4	04	3/8-19	17,0	28	26
5/16	7,9	05	1/4-19	13,3	24	26
5/16	7,9	05	3/8-19	17,0	28	26
3/8	9,5	06	1/4-19	13,3	24	26
3/8	9,5	06	3/8-19	17,0	28	26
3/8	9,5	06	1/2-14	21,2	36	31
1/2	12,7	08	3/8-19	14,0	28	27
1/2	12,7	08	1/2-14	21,2	36	31
1/2	12,7	08	5/8-14	23,1	38	29
1/2	12,7	08	3/4-14	26,5	45	38
5/8	15,9	10	5/8-14	23,1	39	29
5/8	15,9	10	3/4-14	26,5	45	38
3/4	19	12	3/4-14	26,5	45	38
3/4	19	12	1-11	33,5	58	49
1	25,4	16	1-11	33,5	58	50

5F00 Femmina Fissa BSP per Rondella

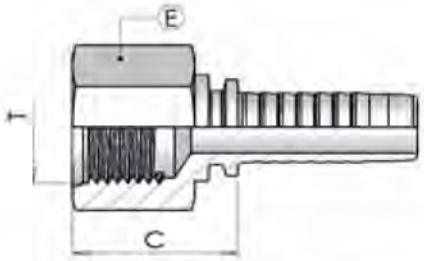
BSPP Fixed Female Dowty Seal



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	28
3/8	9,5	06	3/8-19	22	23
1/2	12,7	08	1/2-14	27	29
3/4	19	12	3/4-14	32	33
1	25,4	16	1-11	41	36
1.1/4	31,8	20	1.1/4-11	50	41
1.1/2	38,1	24	1.1/2-11	55	43
2	50,8	32	2-11	65	45

5R00 Femmina Fissa BSP per O'Ring

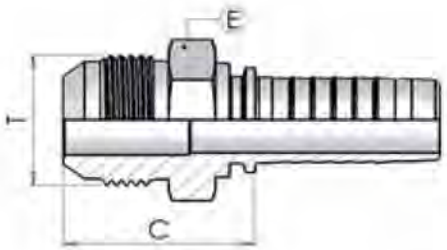
BSPP Fixed Female O'Ring Seal



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	28
3/8	9,5	06	3/8-19	22	23
1/2	12,7	08	1/2-14	27	29
3/4	19,0	12	3/4-14	32	33
1	25,4	16	1-11	41	36
1.1/4	31,8	20	1.1/4-11	50	41
1.1/2	38,1	24	1.1/2-11	55	43
2	50,8	32	2-11	65	45

5008 Maschio JIC cono 74°

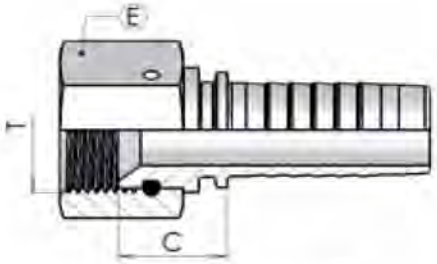
JIC Male 74° cone



hose I.D.		Dimension				
		dash	thread		hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	7/16-20		12	26
1/4	6,4	04	7/16-20		12	27
1/4	6,4	04	1/2-20		14	27
1/4	6,4	04	9/16-18		15	27
5/16	7,9	05	1/2-20		14	27
5/16	7,9	05	9/16-18		15	27
5/16	7,9	05	3/4-16		19	30
3/8	9,5	06	9/16-18		15	27
3/8	9,5	06	5/8-18	*SAE 45°	17	30
3/8	9,5	06	3/4-16		19	30
3/8	9,5	06	7/8-14		24	34
1/2	12,7	08	9/16-18		19	28
1/2	12,7	08	3/4-16		19	31
1/2	12,7	08	7/8-14		24	35
1/2	12,7	08	1.1/16-12		27	37
5/8	15,9	10	7/8-14		24	35
5/8	15,9	10	1.1/16-12		27	37
3/4	19	12	7/8-14		24	36
3/4	19	12	1.1/16-12		27	38
3/4	19	12	1.3/16-12		32	41
3/4	19	12	1.5/16-12		34	42
3/4	19	12	1.5/8-12		42	45
1	25,4	16	1.1/16-12		27	39
1	25,4	16	1.3/16-12		32	42
1	25,4	16	1.5/16-12		34	43
1	25,4	16	1.5/8-12		42	46
1.1/4	31,8	20	1.5/8-12		42	47
1.1/4	31,8	20	1.7/8-12		50	52
1.1/2	38,1	24	1.7/8-12		50	52
2	50,8	32	2.1/2-12		65	62

0009 Femmina JIC svas. 74° Dado Spinato

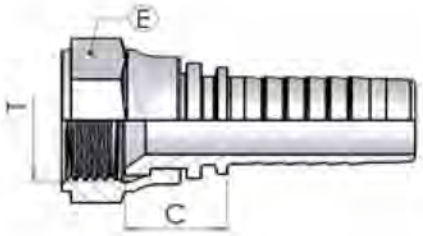
JIC Female 74° cone Thrust Wire



hose I.D.		Dimension				
		dash	thread		hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	7/16-20		17	14
1/4	6,4	04	7/16-20		17	14
1/4	6,4	04	1/2-20		17	15
1/4	6,4	04	9/16-18		19	16
5/16	7,9	05	1/2-20		17	15
5/16	7,9	05	9/16-18		19	16
3/8	9,5	06	1/2-20		17	15
3/8	9,5	06	9/16-18		19	16
3/8	9,5	06	5/8-18	*SAE 45°	22	17
3/8	9,5	06	3/4-16		24	17
3/8	9,5	06	7/8-14		27	21
1/2	12,7	08	3/4-16		24	18
1/2	12,7	08	7/8-14		27	19
1/2	12,7	08	1.1/16-12		32	24
5/8	15,9	10	7/8-14		27	19
5/8	15,9	10	1.1/16-12		32	21
3/4	19	12	7/8-14		27	20
3/4	19	12	1.1/16-12		32	22
3/4	19	12	1.3/16-12		36	23
3/4	19	12	1.5/16-12		41	23
1	25,4	16	1.1/16-12		32	22
1	25,4	16	1.3/16-12		36	24
1	25,4	16	1.5/16-12		41	24
1	25,4	16	1.5/8-12		50	27
1.1/4	31,8	20	1.5/8-12		50	28
1.1/4	31,8	20	1.7/8-12		55	31
1.1/2	38,1	24	1.7/8-12		55	31
2	50,8	32	2.1/2-12		70	31

0109 Femmina JIC svas. 74°

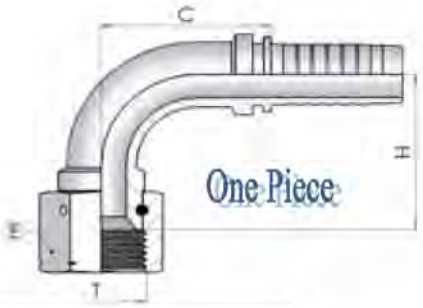
JIC Female 74° cone



hose I.D.		Dimension				
		dash	thread		hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	7/16-20		15	14
3/16	4,8	03	1/2-20		17	14
1/4	6,4	04	7/16-20		15	14
1/4	6,4	04	1/2-20		17	15
1/4	6,4	04	9/16-18		19	16
1/4	6,4	04	5/8-18	*SAE 45°	22	17
5/16	7,9	05	1/2-20		17	15
5/16	7,9	05	9/16-18		19	16
5/16	7,9	05	5/8-18	*SAE 45°	22	17
5/16	7,9	05	3/4-16		24	17
3/8	9,5	06	7/16-20		15	15
3/8	9,5	06	1/2-20		17	15
3/8	9,5	06	9/16-18		19	16
3/8	9,5	06	5/8-18	*SAE 45°	22	15
3/8	9,5	06	3/4-16		24	17
3/8	9,5	06	7/8-14		27	21
1/2	12,7	08	3/4-16		24	18
1/2	12,7	08	7/8-14		27	19
1/2	12,7	08	1.1/16-12		32	24
5/8	15,9	10	7/8-14		27	19
5/8	15,9	10	1.1/16-12		32	21
3/4	19	12	7/8-14		27	20
3/4	19	12	1.1/16-12		32	22
3/4	19	12	1.3/16-12		36	21
3/4	19	12	1.5/16-12		38	23
1	25,4	16	1.1/16-12		32	23
1	25,4	16	1.5/16-12		38	24

5009 Curva JIC 90° svas. 74° Dado Spinato

JIC 90° Swept Elbow 74° cone Thrust Wire

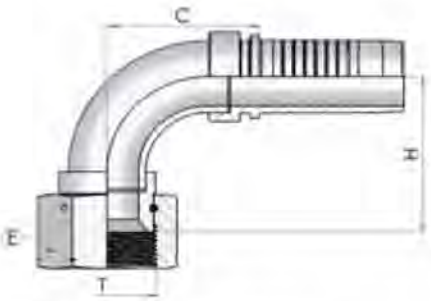


hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	7/16-20	17	22	22
1/4	6,4	04	7/16-20	17	24	25
1/4	6,4	04	1/2-20	17	25	25
1/4	6,4	04	9/16-18	19	27	25
5/16	7,9	05	9/16-18	19	31	29
5/16	7,9	05	3/4-16	24	41	29
3/8	9,5	06	1/2-20	17	30	33
3/8	9,5	06	9/16-18	19	32	31
3/8	9,5	06	5/8-18	22	32	33
3/8	9,5	06	3/4-16	24	34	33
3/8	9,5	06	7/8-14	27	36	33
1/2	12,7	08	3/4-16	24	41	41
1/2	12,7	08	7/8-14	27	40	41
1/2	12,7	08	1.1/16-12	32	43	39
5/8	15,9	10	7/8-14	27	44	43
5/8	15,9	10	1.1/16-12	32	47	45
3/4	19	12	7/8-14	27	53	56
3/4	19	12	1.1/16-12	32	54	56
3/4	19	12	1.3/16-12	36	54	57
3/4	19	12	1.5/16-12	41	56	55
1	25,4	16	1.1/16-12	32	64	70
1	25,4	16	1.5/16-12	41	65	70
1	25,4	16	1.5/8-12	50	74	70
1.1/4	31,8	20	1.5/8-12	50	83	87
1.1/2	38,1	24	1.7/8-12	55	97	102
2	50,8	32	2.1/2-12	70	134	121

* SAE 45°

50S09 Curva JIC 90° svas. 74° Dado Spinato (saldata)

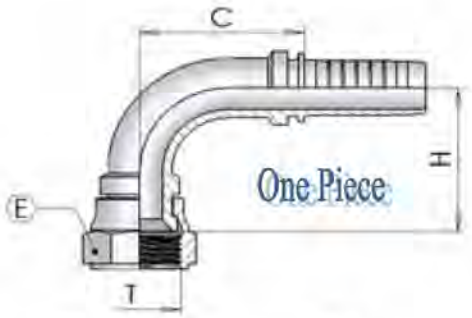
JIC 90° Swept Elbow 74° cone Thrust Wire (welded)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	1.5/8-12	50	63	57
1	25,4	16	1.3/16-12	36	69	62
1	25,4	16	1.5/8-12	50	69	62
1.1/4	31,8	20	1.5/8-12	50	69	63
1.1/4	31,8	20	1.7/8-12	55	88	81
1.1/2	38,1	24	1.7/8-12	55	88	81
2	50,8	32	2.1/2-12	70	113	103

5109 Curva JIC 90° svas. 74°

JIC 90° Swept Elbow 74° cone

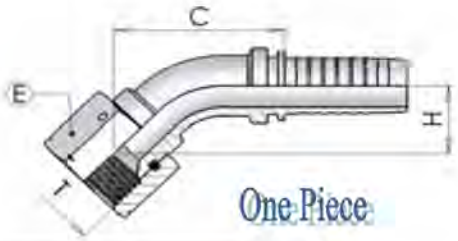


hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	7/16-20	15	22	22
3/16	4,8	03	1/2-20	17	23	25
1/4	6,4	04	7/16-20	15	24	25
1/4	6,4	04	1/2-20	17	25	25
1/4	6,4	04	9/16-18	19	27	25
5/16	7,9	05	1/2-20	17	30	29
5/16	7,9	05	9/16-18	19	31	29
3/8	9,5	06	1/2-20	17	30	33
3/8	9,5	06	9/16-18	19	32	31
3/8	9,5	06	5/8-18	22	32	33
3/8	9,5	06	3/4-16	24	34	33
3/8	9,5	06	7/8-14	27	36	33
1/2	12,7	08	3/4-16	24	41	41
1/2	12,7	08	7/8-14	27	40	41
1/2	12,7	08	1.1/16-12	32	43	39
5/8	15,9	10	7/8-14	27	44	43
5/8	15,9	10	1.1/16-12	32	47	45
3/4	19	12	7/8-14	27	53	56
3/4	19	12	1.1/16-12	32	54	56
3/4	19	12	1.3/16-12	36	53	56
3/4	19	12	1.5/16-12	38	56	55
1	25,4	16	1.1/16-12	32	62	70
1	25,4	16	1.5/16-12	38	65	70

* SAE 45°

0010 Curva JIC 45° svas. 74° Dado Spinato

JIC 45° Swept Elbow 74° cone Thrust Wire

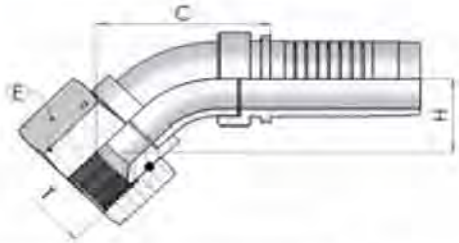


hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	7/16-20	17	15	33
1/4	6,4	04	7/16-20	17	13	38
1/4	6,4	04	1/2-20	17	14	40
1/4	6,4	04	9/16-18	19	16	42
5/16	7,9	05	9/16-18	19	18	47
3/8	9,5	06	1/2-20	17	17	51
3/8	9,5	06	9/16-18	19	17	51
3/8	9,5	06	5/8-18	22	17	51
3/8	9,5	06	3/4-16	24	19	52
3/8	9,5	06	7/8-14	27	21	54
1/2	12,7	08	3/4-16	24	22	62
1/2	12,7	08	7/8-14	27	23	64
1/2	12,7	08	1.1/16-12	32	25	68
5/8	15,9	10	7/8-14	27	24	68
5/8	15,9	10	1.1/16-12	32	25	70
3/4	19	12	7/8-14	27	27	83
3/4	19	12	1.1/16-12	32	28	84
3/4	19	12	1.3/16-12	36	29	85
3/4	19	12	1.5/16-12	41	30	88
1	25,4	16	1.1/16-12	32	32	103
1	25,4	16	1.5/16-12	41	33	104
1.1/4	31,8	20	1.5/8-12	50	40	108
1.1/2	38,1	24	1.7/8-12	55	49	119
2	50,8	32	2.1/2-12	70	65	142

* SAE 45°

00S10 Curva JIC 45° svas. 74° Dado Spinato (saldata)

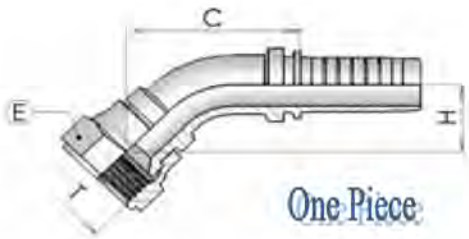
JIC 45° Swept Elbow 74° cone Thrust Wire (welded)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	1.5/8-12	50	31	68
1	25,4	16	1.3/16-12	36	33	72
1	25,4	16	1.5/8-12	50	31	68
1.1/4	31,8	20	1.5/8-12	50	45	83
1.1/4	31,8	20	1.7/8-12	55	39	89
1.1/2	38,1	24	1.7/8-12	55	55	105
2	50,8	32	2.1/2-12	70	70	132

0110 Curva JIC 45° svas. 74°

JIC 45° Swept Elbow 74° Cone

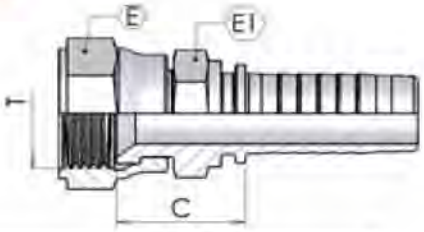


hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/16	4,8	03	7/16-20	15	15	33
1/4	6,4	04	7/16-20	15	13	38
1/4	6,4	04	1/2-20	17	14	40
1/4	6,4	04	9/16-18	19	16	42
5/16	7,9	05	1/2-20	17	17	46
5/16	7,9	05	9/16-18	19	18	47
3/8	9,5	06	9/16-18	19	17	51
3/8	9,5	06	5/8-18	22	17	51
3/8	9,5	06	3/4-16	24	19	52
1/2	12,7	08	3/4-16	24	22	62
1/2	12,7	08	7/8-14	27	23	64
1/2	12,7	08	1.1/16-12	32	25	68
5/8	15,9	10	7/8-14	27	23	68
5/8	15,9	10	1.1/16-12	32	25	70
3/4	19	12	1.1/16-12	32	28	84
3/4	19	12	1.3/16-12	36	28	83
3/4	19	12	1.5/16-12	38	30	88
1	25,4	16	1.5/16-12	38	33	104

* SAE 45°

01D09 Femmina JIC Svas.74° Doppio Esagono

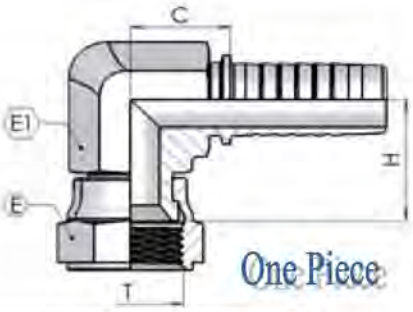
JIC Female 74° Cone Back Hexagon



hose I.D.		Dimension				
		dash	thread	hex	hex	cut-off
in	mm	size	T	E	E1	C
1/4	6,4	04	7/16-20	17	12	20
1/4	6,4	04	1/2-20	17	14	20
1/4	6,4	04	9/16-18	19	14	22
5/16	7,9	05	1/2-20	17	14	20
5/16	7,9	05	9/16-18	19	15	22
3/8	9,5	06	9/16-18	19	17	24
3/8	9,5	06	3/4-16	24	19	26
1/2	12,7	08	3/4-16	24	22	26
1/2	12,7	08	7/8-14	27	22	27
5/8	15,9	10	7/8-14	27	22	26
5/8	15,9	10	1.1/16-12	32	27	27
3/4	19	12	1.1/16-12	32	27	32
1	25,4	16	1.5/16-12	38	35	38

7129 Compatta JIC 90° svas. 74° Dado Crimpato (forgiata)

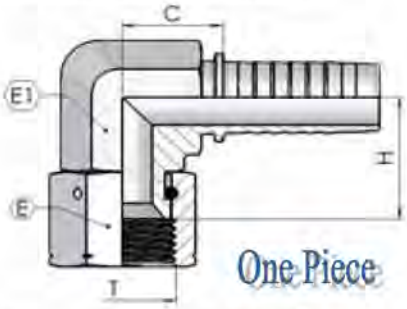
JIC 90° Compact Elbow 74° Cone Rolled Nut (forged)



hose I.D.		Dimension					
		dash	thread	hex		drop	cut-off
in	mm	size	T	E	E1	H	C
1/4	6,4	04	7/16-20	15	15	17	19
1/4	6,4	04	1/2-20	17	15	18	19
1/4	6,4	04	9/16-18	19	15	19	19
5/16	7,9	05	9/16-18	19	17	20	20
3/8	9,5	06	9/16-18	19	17	20	23
3/8	9,5	06	3/4-16	24	22	22	24
1/2	12,7	08	3/4-16	24	22	23	26
1/2	12,7	08	7/8-14	27	22	24	26
3/4	19	12	1.1/16-12	32	27	29	32
1	25,4	16	1.5/16-12	38	32	34	38

7029 Compatta JIC 90° svas. 74° Dado Spinato (forgiata)

JIC 90° Compact Elbow 74° Cone Thrust Wire (forged)

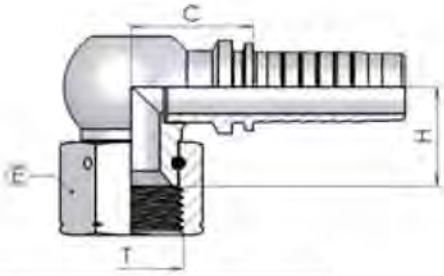


hose I.D.		Dimension					
		dash	thread	hex		drop	cut-off
in	mm	size	T	E	E1	H	C
1/4	6,4	04	7/16-20	17	15	17	19
1/4	6,4	04	1/2-20	17	15	18	19
1/4	6,4	04	9/16-18	19	15	19	19
5/16	7,9	05	9/16-18	19	17	20	20
3/8	9,5	06	9/16-18	19	17	20	23
3/8	9,5	06	5/8-18	22	17	21	23
3/8	9,5	06	3/4-16	24	22	22	24
1/2	12,7	08	3/4-16	24	22	23	26
1/2	12,7	08	7/8-14	27	22	24	26
3/4	19	12	1.1/16-12	32	27	29	32
1	25,4	16	1.5/16-12	41	32	34	38

* SAE 45°

5029 Compatta JIC 90° svas. 74° Dado Spinato (saldata)

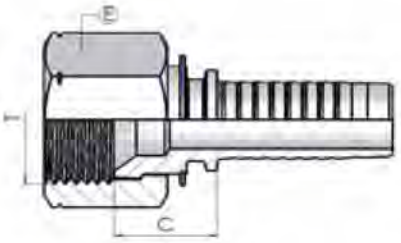
JIC 90° Compact Elbow 74° Cone Thrust Wire (welded)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
5/8	15,9	10	7/8-14	27	26	28
5/8	15,9	10	1.1/16-12	32	28	29

0209 Femmina JIC svas. 74° Dado Libero

JIC Female 74° Cone Slip On Nut



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/2-20	17	17
1/4	6,4	04	9/16-18	19	17
5/16	7,9	05	9/16-18	19	16
3/8	9,5	08	3/4-16	22	18
1/2	12,7	08	7/8-14	27	20
5/8	15,9	10	1.1/16-12	32	20
3/4	19	12	1.5/16-12	38	21

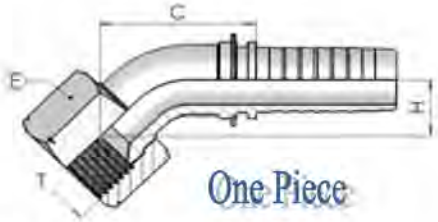
5209 Curva JIC 90° svas. 74° Dado Libero

JIC 90° Swept Elbow 74° Cone Slip On Nut

hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/2-20	17	21	27
1/4	6,4	04	9/16-18	19	21	26
5/16	7,9	05	9/16-18	19	32	25
3/8	9,5	08	3/4-16	22	26	35
1/2	12,7	08	7/8-14	27	32	40
5/8	15,9	10	1.1/16-12	32	37	47
3/4	19	12	1.1/16-12	32	45	58
3/4	19	12	1.5/16-12	38	57	56

0210 Curva JIC 45° svas. 74° Dado Libero

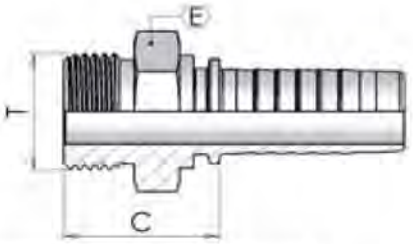
JIC 45° Swept Elbow 74° Cone Slip On Nut



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/2-20	17	11	38
1/4	6,4	04	9/16-18	19	11	38
5/16	7,9	05	9/16-18	19	20	49
3/8	9,5	08	3/4-16	22	13	48
1/2	12,7	08	7/8-14	27	16	58
5/8	15,9	10	1.1/16-12	32	18	66
3/4	19	12	1.1/16-12	32	21	81
3/4	19	12	1.5/16-12	38	30	86

8503 Maschio SAE O'R Sede Piana

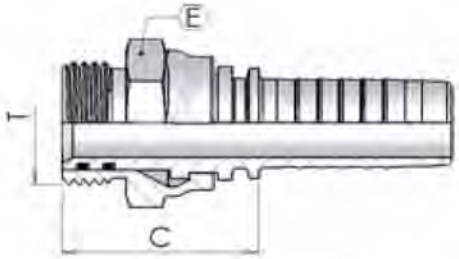
SAE Male O'R Flat Seat



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	7/16-20	14	24
1/4	6,4	04	1/2-20	17	24
1/4	6,4	04	9/16-18	17	24
5/16	7,9	05	9/16-18	17	24
3/8	9,5	06	9/16-18	17	25
3/8	9,5	06	3/4-16	22	28
1/2	12,7	08	3/4-16	22	28
1/2	12,7	08	7/8-14	27	30
1/2	12,7	08	1.1/16-12	32	32
5/8	15,9	10	7/8-14	27	30
5/8	15,9	10	1.1/16-12	32	32
3/4	19	12	7/8-14	27	31
3/4	19	12	1.1/16-12	32	33
3/4	19	12	1.5/16-12	38	36
1	25,4	16	1.5/16-12	38	37

9003 Maschio Girevole O'Ring

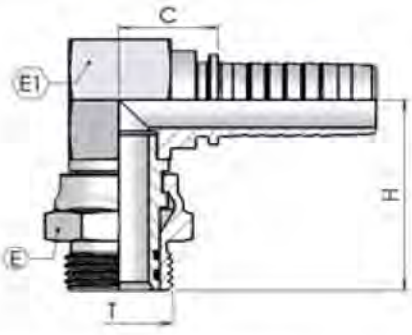
Swivel Male O'Ring



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/2	12,7	08	7/8-14	27	39
5/8	15,9	10	7/8-14	27	39
3/4	19	12	1.1/16-12	32	43

9503 Maschio Girevole 90° O'Ring

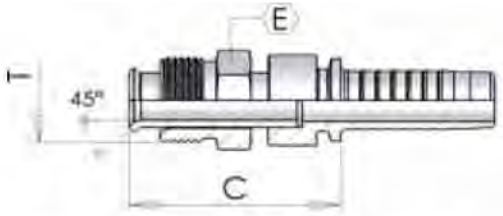
90° SWIVEL MALE O'RING



hose I.D.		Dimension					
		dash	thread	hex	hex	drop	cut-off
in	mm	size	T	E	E1	H	C
1/2	12,7	08	7/8-14	27	27	42	28
5/8	15,9	10	7/8-14	27	27	42	29
3/4	19	12	1.1/16-12	32	32	48	30

00IF Maschio SAE Girevole Cono Inverso

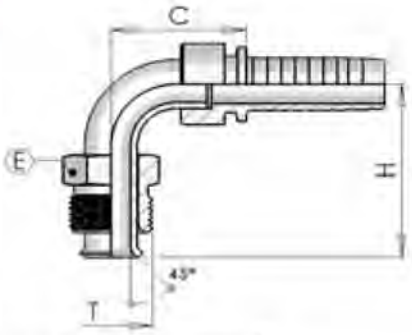
Straight Male Inverted Flare Swivel



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	7/16-24	12	38
1/4	6,4	04	1/2-20	14	55
5/8	7,9	05	7/16-24	12	56
5/8	7,9	05	1/2-20	14	56
5/8	7,9	05	5/8-18	17	56
3/8	9,5	06	7/16-24	12	56
3/8	9,5	06	1/2-20	14	56
3/8	9,5	06	5/8-18	17	57
3/8	9,5	06	11/16-18	19	42
1/2	12,7	08	3/4-18	19	60

90IF Maschio SAE Girevole Cono Inverso a 90°

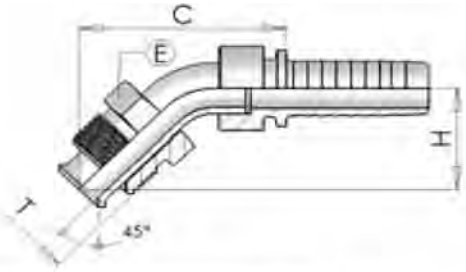
90° Male Inverted Flare Swivel



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	7/16-24	12	36	29
1/4	6,4	04	1/2-20	14	34	30
5/8	7,9	05	7/16-24	12	38	24
5/8	7,9	05	1/2-20	14	35	30
5/8	7,9	05	5/8-18	17	43	30
3/8	9,5	06	7/16-24	12	35	30
3/8	9,5	06	1/2-20	14	35	30
3/8	9,5	06	5/8-18	17	44	31
3/8	9,5	06	11/16-18	19	42	31
1/2	12,7	08	3/4-18	19	45	35

45IF Maschio SAE Girevole Cono Inverso a 45°

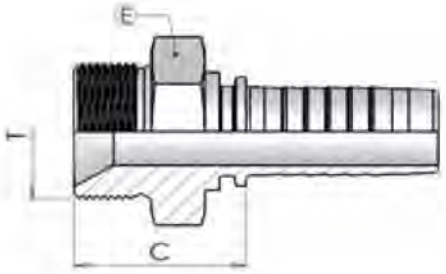
45° Male Inverted Flare Swivel



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/8	9,5	06	7/16-24	12	25	48
3/8	9,5	06	1/2-20	14	25	48
3/8	9,5	06	5/8-18	17	30	54
3/8	9,5	06	11/16-18	19	30	54

0004 Maschio Metrico Svas.60°

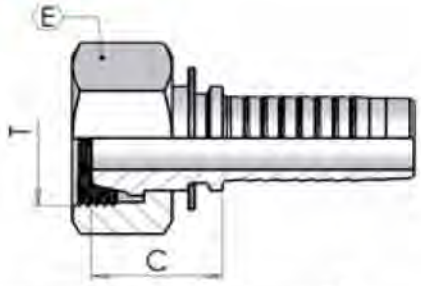
Metric Male 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	M10-1	14	19
3/16	4,8	03	M12-1.5	17	25
1/4	6,4	04	M10-1	14	20
1/4	6,4	04	M12-1.5	17	26
1/4	6,4	04	M14-1.5	19	26
1/4	6,4	04	M16-1.5	22	26
5/16	7,9	05	M12-1.5	17	26
5/16	7,9	05	M16-1.5	22	26
5/16	7,9	05	M18-1.5	24	26
3/8	9,5	06	M14-1.5	19	26
3/8	9,5	06	M16-1.5	22	26
3/8	9,5	06	M18-1.5	24	27
3/8	9,5	06	M22-1.5	27	27
1/2	12,7	08	M18-1.5	24	28
1/2	12,7	08	M22-1.5	27	30
5/8	15,9	10	M26-1.5	32	32
3/4	19	12	M26-1.5	32	33
3/4	19	12	M30-1.5	36	36
1	25,4	16	M38-1.5	46	37
1.1/4	31,8	20	M45-1.5	55	39

3500 Femmina Metrica Cono 24° Serie Leggera Multiseal

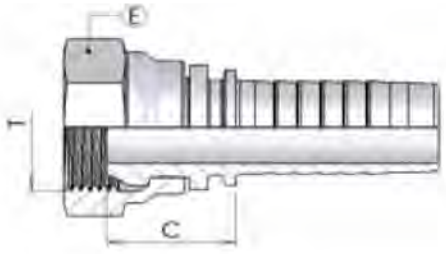
Metric Female 24° Seat Light Multiseal



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	M12-1.5	*6*	14	19
3/16	4,8	03	M16-1.5	*10*	19	18
1/4	6,4	04	M14-1.5	*8*	17	19
1/4	6,4	04	M16-1.5	*10*	19	19
5/16	7,9	05	M16-1.5	*10*	19	19
5/16	7,9	05	M18-1.5	*12*	22	21
3/8	9,5	06	M18-1.5	*12*	22	23
3/8	9,5	06	M22-1.5	*15*	27	22
1/2	12,7	08	M22-1.5	*15*	27	22
1/2	12,7	08	M26-1.5	*18*	32	24
5/8	15,9	10	M26-1.5	*18*	32	24

0001 Femmina Metrica Cono 60°

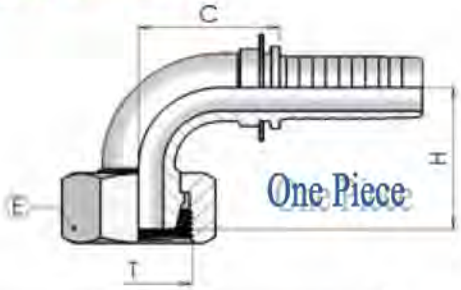
Metric Female 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	M30-1.5	36	23
1	25,4	16	M38-1.5	46	33
1.1/4	31,8	20	M45-1.5	50	34
1.1/2	38	24	M52x1,5	60	35
2	50,8	32	M65-2	75	31

3501 Curva Metrica 90° Cono 24° Serie Leggera Multiseal

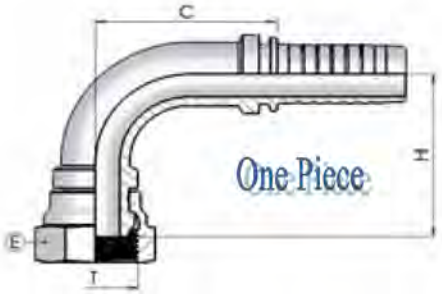
90° Metric Swept Elbow 24° Seat Light Multiseal



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
1/4	6,4	04	M14-1.5	*8*	17	25	25
1/4	6,4	04	M16-1.5	*10*	19	24	26
5/16	7,9	05	M16-1.5	*10*	19	29	32
5/16	7,9	05	M18-1.5	*12*	22	30	31
3/8	9,5	06	M18-1.5	*12*	22	33	32
3/8	9,5	06	M22-1.5	*15*	27	34	33
1/2	12,7	08	M22-1.5	*15*	27	38	41
5/8	15,9	10	M26-1.5	*18*	32	42	46

0002 Curva Metrica 90° cono 60°

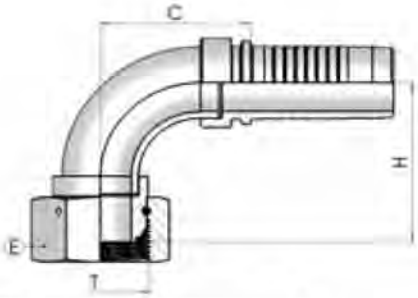
90° Metric Swept Elbow 60° cone



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1	25,4	16	M38-1.5	46	71	70

00S02 Curva Metrica 90° cono 60° (saldata)

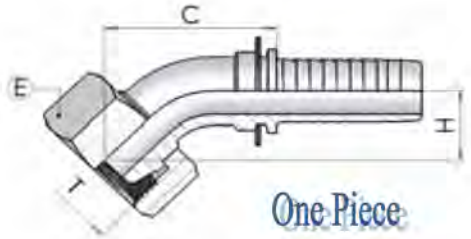
90° Metric Swept Elbow 60° cone (welded)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	M30-1.5	36	57	48
1.1/4	31,8	20	M45-1.5	50	71	63

3502 Curva Metrica 45° Cono 24° Serie Leggera Multiseal

45° Metric Swept Elbow 24° Seat Light Multiseal



hose I.D.		Dimension					
		dash	thread	erm.	hex	drop	cut-off
in	mm	size	T		E	H	C
1/4	6,4	04	M12-1.5	*6*	14	15	36
1/4	6,4	04	M14-1.5	*8*	17	14	40
1/4	6,4	04	M16-1.5	*10*	19	16	37
5/16	7,9	05	M16-1.5	*10*	19	14	47
5/16	7,9	05	M18-1.5	*12*	22	16	49
3/8	9,5	06	M18-1.5	*12*	22	16	50
1/2	12,7	08	M22-1.5	*15*	27	21	61

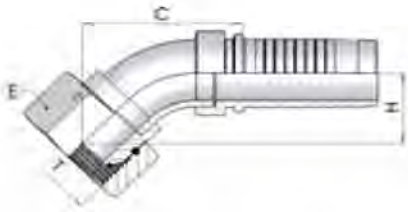
0003 Curva Metrica 45° cono 60°

45° Metric Swept Elbow 60° cone

hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1	25,4	16	M38-1.5	46	38	109

00S03 Curva Metrica 45° cono 60° (saldata)

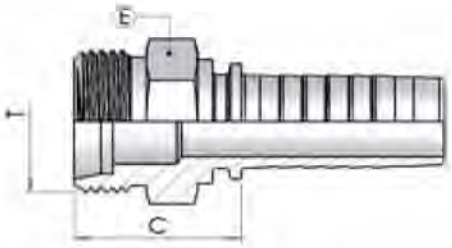
45° Metric Swept Elbow 60° cone (welded)



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	M30-1.5	36	27	57
1.1/4	31,8	20	M45-1.5	50	27	73

0005 Maschio Metrico svas. 24° Serie Leggera

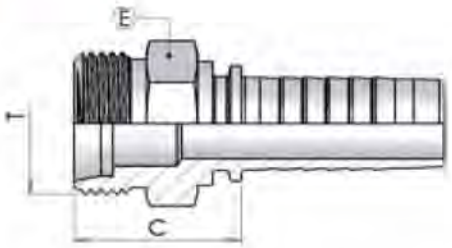
Metric Male 24° Seat Light



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	M12-1.5	*6*	14	22
1/4	6,4	04	M12-1.5	*6*	14	23
1/4	6,4	04	M14-1.5	*8*	14	22
1/4	6,4	04	M16-1.5	*10*	17	23
1/4	6,4	04	M18-1.5	*12*	19	24
5/16	7,9	05	M14-1.5	*8*	14	22
5/16	7,9	05	M16-1.5	*10*	17	23
5/16	7,9	05	M18-1.5	*12*	19	24
5/16	7,9	05	M22-1.5	*15*	22	25
3/8	9,5	06	M16-1.5	*10*	17	23
3/8	9,5	06	M18-1.5	*12*	19	24
3/8	9,5	06	M22-1.5	*15*	22	25
1/2	12,7	08	M18-1.5	*12*	19	25
1/2	12,7	08	M22-1.5	*15*	22	26
1/2	12,7	08	M26-1.5	*18*	27	27
5/8	15,9	10	M22-1.5	*15*	22	26
5/8	15,9	10	M26-1.5	*18*	27	27
5/8	15,9	10	M30-2	*22*	30	32
3/4	19	12	M26-1.5	*18*	27	28
3/4	19	12	M30-2	*22*	30	33
1	25,4	16	M36-2	*28*	36	32
1.1/4	31,8	20	M45-2	*35*	46	36
1.1/2	38,1	24	M52-2	*42*	55	38

5004 Maschio Metrico svas. 24° Serie Pesante

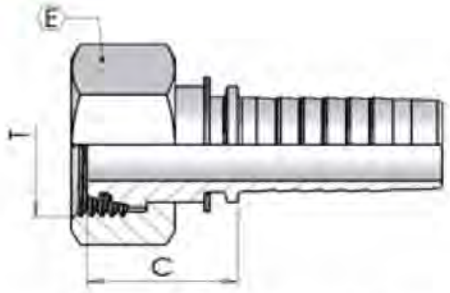
Metric Male 24° Seat Heavy



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	M16-1.5	*8*	17	26
1/4	6,4	04	M14-1.5	*6*	14	25
1/4	6,4	04	M16-1.5	*8*	17	27
1/4	6,4	04	M18-1.5	*10*	19	27
5/16	7,9	05	M18-1.5	*10*	19	27
5/16	7,9	05	M20-1.5	*12*	22	29
3/8	9,5	06	M18-1.5	*10*	19	27
3/8	9,5	06	M20-1.5	*12*	22	29
3/8	9,5	06	M22-1.5	*14*	22	31
3/8	9,5	06	M24-1.5	*16*	24	31
1/2	12,7	08	M24-1.5	*16*	24	32
5/8	15,9	10	M30-2	*20*	30	34
3/4	19	12	M30-2	*20*	30	35
3/4	19	12	M36-2	*25*	36	38
1	25,4	16	M36-2	*25*	36	39
1	25,4	16	M42-2	*30*	46	42
1.1/4	31,8	20	M42-2	*30*	46	43
1.1/4	31,8	20	M52-2	*38*	55	45
1.1/2	38,1	24	M52-2	*38*	55	45

8500 Femmina Metrica cono 24° Serie Leggera

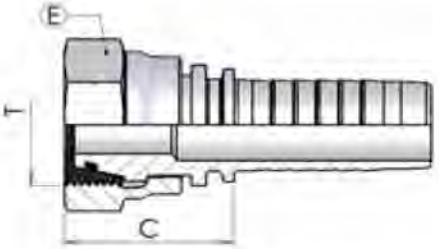
Metric Female 24° Seat Light



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	M12-1.5	*6*	14	23
1/4	6,4	04	M14-1.5	*8*	17	24
1/4	6,4	04	M16-1.5	*10*	19	24
1/4	6,4	04	M18-1.5	*12*	22	25
5/16	7,9	05	M16-1.5	*10*	19	24
5/16	7,9	05	M18-1.5	*12*	22	25
3/8	9,5	06	M18-1.5	*12*	22	25
3/8	9,5	06	M22-1.5	*15*	27	29
1/2	12,7	08	M22-1.5	*15*	27	29
1/2	12,7	08	M26-1.5	*18*	32	29
5/8	15,9	10	M26-1.5	*18*	32	29
5/8	15,9	12	M30-2	*22*	36	29
3/4	19	12	M30-2	*22*	36	29
3/4	19	12	M36-2	*28*	41	28
1	25,4	16	M36-2	*28*	41	30
1.1/4	31,8	20	M45-2	*35*	50	40
1.1/2	38,1	24	M52-2	*42*	60	41

8500 Femmina Metrica cono 24° Serie Leggera (dado rullato)

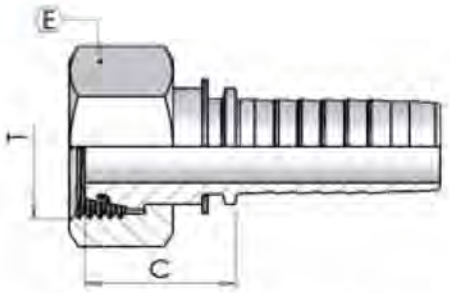
Metric Female 24° Seat Light (rolled nut)



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
1/4	6,4	04	M12-1.5	*6*	14	25
5/16	7,9	05	M14-1.5	*8*	19	26
3/8	9,5	06	M16-1.5	*10*	19	25
1/2	12,7	08	M18-1.5	*12*	24	28
5/8	15,9	10	M22-1.5	*15*	27	32
3/4	19	12	M26-1.5	*18*	32	36

8400 Femmina Metrica cono 24° Serie Pesante

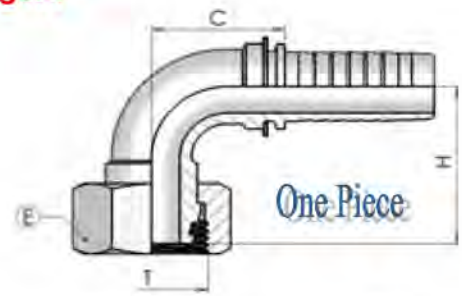
Metric Female 24° Seat Heavy



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
3/16	4,8	03	M16-1.5	*8*	19	25
1/4	6,4	04	M14-1.5	*6*	17	23
1/4	6,4	04	M16-1.5	*8*	19	25
1/4	6,4	04	M18-1.5	*10*	22	24
5/16	7,9	05	M18-1.5	*10*	22	24
5/16	7,9	05	M20-1.5	*12*	24	26
3/8	9,5	06	M16-1.5	*8*	19	26
3/8	9,5	06	M18-1.5	*10*	22	25
3/8	9,5	06	M20-1.5	*12*	24	25
3/8	9,5	06	M22-1.5	*14*	27	29
1/2	12,7	08	M22-1.5	*14*	27	17
1/2	12,7	08	M24-1.5	*16*	30	30
1/2	12,7	08	M30-2	*20*	36	33
5/8	15,9	10	M24-1.5	*16*	30	31
5/8	15,9	10	M30-2	*20*	36	33
3/4	19	12	M30-2	*20*	36	34
3/4	19	12	M36-2	*25*	46	40
1	25,4	16	M36-2	*25*	46	41
1	25,4	16	M42-2	*30*	50	43
1.1/4	31,8	20	M52-2	*38*	60	44
1.1/2	38,1	24	M52-2	*38*	60	44

8501 Curva Metrica 90° cono 24° Serie Leggera

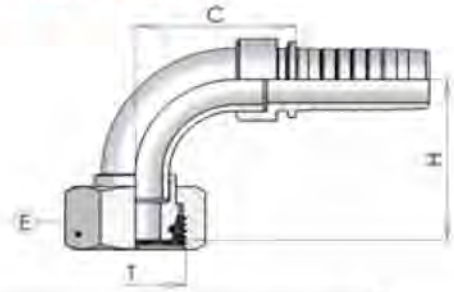
90° Metric Swept Elbow 24° Seat Light



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/16	4,8	03	M12-1.5	*6*	14	23	22
1/4	6,4	04	M14-1.5	*8*	17	26	26
1/4	6,4	04	M16-1.5	*10*	19	27	25
1/4	6,4	04	M18-1.5	*12*	22	30	27
5/16	7,9	05	M16-1.5	*10*	19	31	31
5/16	7,9	05	M18-1.5	*12*	22	32	31
3/8	9,5	06	M18-1.5	*12*	22	35	32
3/8	9,5	06	M22-1.5	*15*	27	35	32
1/2	12,7	08	M22-1.5	*15*	27	38	41
5/8	15,9	10	M26-1.5	*18*	32	44	44
3/4	19	12	M30-2	*22*	36	51	49
1	25,4	16	M36-2	*28*	41	62	72

85S01 Curva Metrica 90° cono 24° Serie Leggera (saldata)

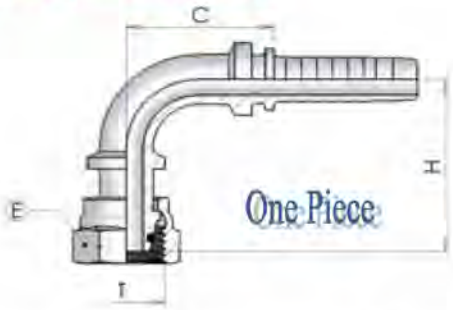
90° Metric Swept Elbow 24° Seat Light (welded)



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
1/2	12,7	08	M18-1.5	*12*	22	48	33
1/2	12,7	08	M26-1.5	*18*	32	44	42
3/4	19	12	M26-1.5	*18*	32	44	42
3/4	19	12	M36-2	*28*	41	51	49
1.1/4	31,8	20	M45-2	*35*	50	73	63
1.1/2	38,1	24	M52-2	*42*	60	83	81

8501 Curva Metrica 90° Cono 24° Serie Leggera (dado rullato)

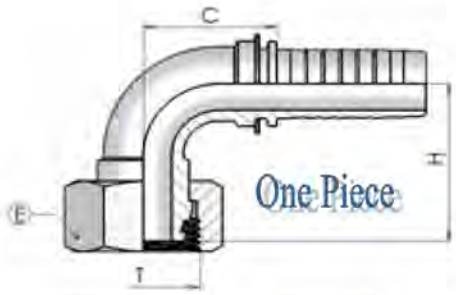
90° Metric Swept Elbow 24° Seat Light (rolled nut)



hose I.D.		Dimension					
		dash	thread	erm.	hex	drop	cut-off
in	mm	size	T		E	H	C
1/4	6,4	04	M12-1.5	*6*	14	34	26
5/16	7,9	05	M14-1.5	*8*	17	38	30
3/8	9,5	06	M16-1.5	*10*	19	39	32

8401 Curva Metrica 90° cono 24° Serie Pesante

90° Metric Swept Elbow 24° Seat Heavy

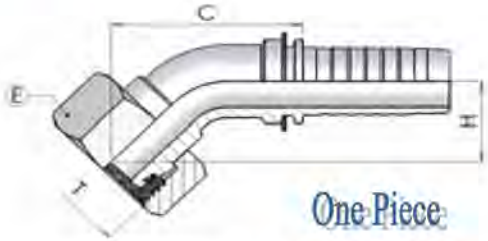


hose I.D.		Dimension					
		dash	thread	erm.	hex	drop	cut-off
in	mm	size	T		E	H	C
3/16	4,8	03	M16-1.5	*8*	19	25	22
1/4	6,4	04	M14-1.5	*6*	17	26	27
1/4	6,4	04	M16-1.5	*8*	19	26	26
1/4	6,4	04	M18-1.5	*10*	22	31	27
1/4	6,4	04	M20-1.5	*12*	24	30	27
5/16	7,9	05	M18-1.5	*10*	22	33	33
5/16	7,9	05	M20-1.5	*12*	24	34	30
3/8	9,5	06	M18-1.5	*10*	22	35	34
3/8	9,5	06	M20-1.5	*12*	24	34	34
3/8	9,5	06	M22-1.5	*14*	27	33	33
1/2	12,7	08	M24-1.5	*16*	30	41	40
5/8	15,9	10	M24-1.5	*16*	30	38	42
5/8	15,9	10	M30-2	*20*	36	50	46
3/4	19	12	M30-2	*20*	36	56	58
3/4	19	12	M36-2	*25*	46	59	56
1	25,4	16	M36-2	*25*	46	67	69
1	25,4	16	M42-2	*30*	50	67	69
1.1/4	31,8	20	M52-2	*38*	60	82	84
1.1/2	38,1	24	M52-2	*38*	60	94	99

saldato

8502 Curva Metrica 45° cono 24° Serie Leggera

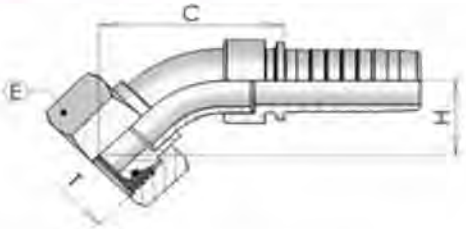
45° Metric Swept Elbow 24° Seat Light



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/16	4,8	03	M12-1.5	*6*	14	14	36
1/4	6,4	04	M14-1.5	*8*	17	14	42
1/4	6,4	04	M16-1.5	*10*	19	15	42
1/4	6,4	04	M18-1.5	*12*	22	16	43
5/16	7,9	05	M16-1.5	*10*	19	17	48
5/16	7,9	05	M18-1.5	*12*	22	18	48
3/8	9,5	06	M18-1.5	*12*	22	19	52
3/8	9,5	06	M22-1.5	*15*	27	19	51
1/2	12,7	08	M22-1.5	*15*	27	21	63
5/8	15,9	10	M26-1.5	*18*	32	23	68
3/4	19	12	M30-2	*22*	36	27	85
1	25,4	16	M36-2	*28*	41	32	102

85S02 Curva Metrica 45° Cono 24° Serie Leggera (saldata)

45° Metric Swept Elbow 24° Seat Light (welded)

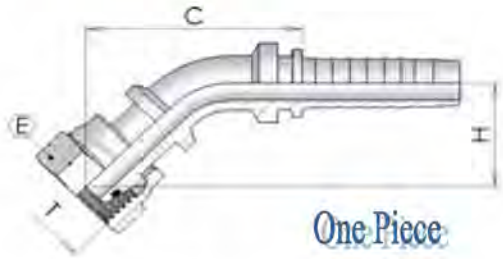


hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
1/2	12,7	08	M26-1.5	*18*	32	17	44
3/4	19	12	M26-1.5	*18*	32	19	43
1.1/4	31,8	20	M45-2	*35*	50	34	72
1.1/2	38,1	24	M52-2	*42*	60	36	85

Dado Rullato

8502 Curva Metrica 45° Cono 24° Serie Leggera (dado rullato)

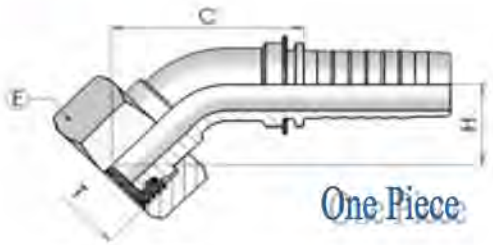
45° Metric Swept Elbow 24° Seat Light (rolled nut)



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
1/4	6,4	04	M12-1.5	*6*	14	20	46
3/8	9,5	06	M16-1.5	*10*	19	22	55

8402 Curva Metrica 45° cono 24° Serie Pesante

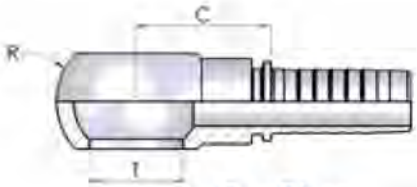
45° Metric Swept Elbow 24° Seat Heavy



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/16	4,8	03	M16-1.5	*8*	19	16	36
1/4	6,4	04	M14-1.5	*6*	17	15	37
1/4	6,4	04	M16-1.5	*8*	19	15	42
1/4	6,4	04	M18-1.5	*10*	22	18	45
5/16	7,9	05	M20-1.5	*12*	24	19	49
3/8	9,5	06	M18-1.5	*10*	22	18	54
3/8	9,5	06	M20-1.5	*12*	24	18	53
3/8	9,5	06	M22-1.5	*14*	27	20	54
1/2	12,7	08	M24-1.5	*16*	30	21	63
5/8	15,9	10	M30-2	*20*	36	29	74
3/4	19	12	M30-2	*20*	36	30	87
3/4	19	12	M36-2	*25*	46	31	74
1	25,4	16	M36-2	*25*	46	34	105
1	25,4	16	M42-2	*30*	50	33	82
1.1/4	31,8	20	M52-2	*38*	60	39	105
1.1/2	38,1	24	M52-2	*38*	60	44	150

5013 Occhio a Pressare Metrico

Metric Banjo

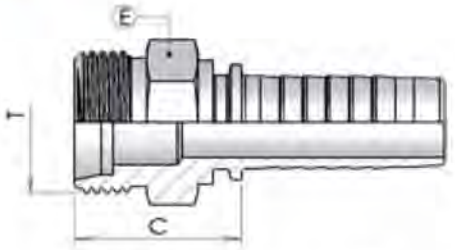


One Piece

hose I.D.		Dimension				
		dash	hole			cut-off
in	mm	size	T	mm	R	C
3/16	4,8	03	M10-1	10,2	17	19
3/16	4,8	03	M12-1.5	12,2	20	21
1/4	6,4	04	M10-1	10,2	17	25
1/4	6,4	04	M12-1.5	12,2	20	22
1/4	6,4	04	M14-1.5	14,2	24	25
5/16	7,9	05	M14-1.5	14,2	24	25
5/16	7,9	05	M16-1.5	16,2	28	31
5/16	7,9	05	M18-1.5	18,2	32	29
3/8	9,5	06	M14-1.5	14,2	24	25
3/8	9,5	06	M16-1.5	16,2	28	31
3/8	9,5	06	M18-1.5	18,2	32	29
3/8	9,5	06	M22-1.5	22,2	36	31
1/2	12,7	08	M16-1.5	16,2	28	30
1/2	12,7	08	M18-1.5	18,2	32	29
1/2	12,7	08	M22-1.5	22,2	36	31
5/8	15,9	10	M22-1.5	22,2	36	31
5/8	15,9	10	M26-1.5	26,2	45	38
3/4	19	12	M22-1.5	22,2	36	32
3/4	19	12	M26-1.5	26,2	45	38
1	25,4	16	M30-1.5	30,2	54	45

3004 Maschio Metrico Svas.24° Serie Francese

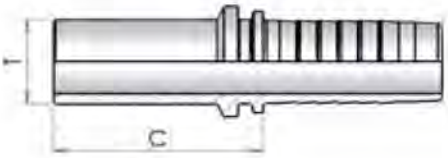
Metric Male 24° Cone French Type



hose I.D.		Dimension				
		dash	*erm.*	thread	hex	cut-off
in	mm	size		T	E	C
5/16	7,9	05	*12,00*	M18-1.5	19	26
5/16	7,9	05	*13,25*	M20-1.5	22	26
3/8	9,5	06	*13,25*	M20-1.5	22	26
1/2	12,7	08	*16,75*	M24-1.5	24	28
5/8	15,9	10	*21,25*	M30-1.5	32	31
3/4	19	12	*21,25*	M30-1.5	32	32
3/4	19	12	*26,75*	M36-1.5	36	33
1	25,4	16	*33,50*	M45-1.5	46	38
1.1/4	31,8	20		M52-1.5	55	41

3005 Estremità Tubolare Diritta Serie Francese

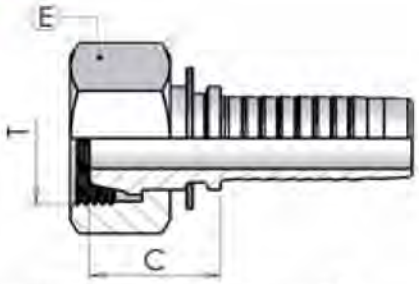
Metric Standpipe French Type



hose I.D.		Dimension			
		dash	pipe		cut-off
in	mm	size	T		C
5/16	7,9	05	13,25		35
3/8	9,5	06	13,25		37
1/2	12,7	08	16,75		41
5/8	15,9	10	21,25		40
3/4	19	12	26,75		42
1	25,4	16	33,50		43

3000 Femmina Metrica Cono 24° Serie Francese

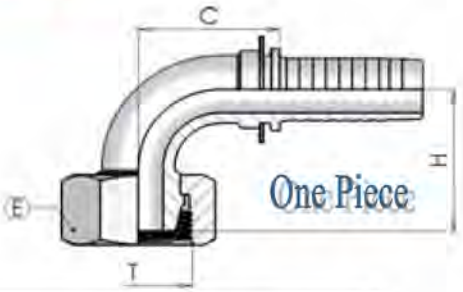
Metric Female 24° Cone French Type



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
5/16	7,9	05	M20-1.5	24	25
3/8	9,5	06	M20-1.5	24	26
1/2	12,7	08	M24-1.5	30	28
5/8	15,9	10	M30-1.5	36	25
3/4	19	12	M30-1.5	36	26
3/4	19	12	M36-1.5	46	29
1	25,4	16	M45-1.5	55	30
1.1/4	31,8	20	M52-1.5	65	34

3001 Curva Metrica 90° Cono 24° Serie Francese

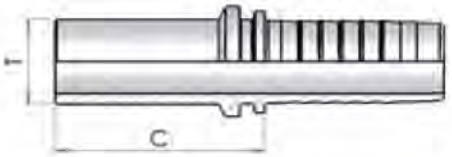
90° Metric Swept Elbow 24° Cone French Type



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
5/16	7,9	05	M20-1.5	24	35	29
3/8	9,5	06	M20-1.5	24	35	33
1/2	12,7	08	M24-1.5	30	40	43
3/4	19	12	M36-1.5	46	55	56
saldato	5/8	15,9	10	M30-1.5	36	49	48

5005 Femmina Metrica Tubolare Diritta

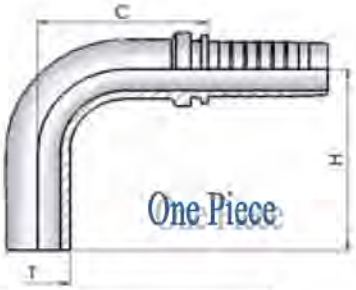
Metric Standpipe



hose I.D.		Dimension			
		dash	pipe	type	cut-off
in	mm	size	T		C
3/16	4,8	03	6	L/S	30
3/16	4,8	03	8	L/S	29
1/4	6,4	04	6	L/S	32
1/4	6,4	04	8	L/S	30
1/4	6,4	04	10	L/S	33
1/4	6,4	04	12	L/S	30
5/16	7,9	05	08	L/S	31
5/16	7,9	05	10	L/S	31
5/16	7,9	05	12	L/S	33
3/8	9,5	06	08	L/S	33
3/8	9,5	06	10	L/S	33
3/8	9,5	06	12	L/S	32
3/8	9,5	06	14	S	37
3/8	9,5	06	15	L	32
1/2	12,7	08	12	L/S	36
1/2	12,7	08	14	S	39
1/2	12,7	08	15	L	34
1/2	12,7	08	16	S	39
1/2	12,7	08	18	L	35
1/2	12,7	08	20	S	45
5/8	15,9	10	18	L	35
5/8	15,9	10	20	S	45
5/8	15,9	10	22	L	33
3/4	19	12	18	L	37
3/4	19	12	20	S	46
3/4	19	12	22	L	38
3/4	19	12	25	S	49
3/4	19	12	28	L	40
1	25,4	16	25	S	51
1	25,4	16	28	L	41
1	25,4	16	30	S	54
1	25,4	16	38	S	60
1.1/4	31,8	20	30	S	58
1.1/4	31,8	20	35	L	48
1.1/4	31,8	20	38	S	62
1.1/2	38,1	24	38	S	63
1.1/2	38,1	24	42	L	50

5006 Femm. Metrica Tubolare 90°

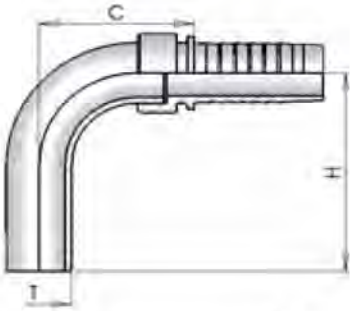
90° Metric Standpipe



hose I.D.		Dimension				
		dash	pipe	type	drop	cut-off
in	mm	size	T		H	C
1/4	6,4	04	6	L/S	32	23
1/4	6,4	04	8	L/S	34	25
1/4	6,4	04	10	L/S	43	25
5/16	7,9	05	10	L/S	40	29
5/16	7,9	05	12	L/S	45	29
3/8	9,5	06	10	L/S	40	27
3/8	9,5	06	12	L/S	44	30

50S06 Femmina Metrica Tubolare 90° (saldata)

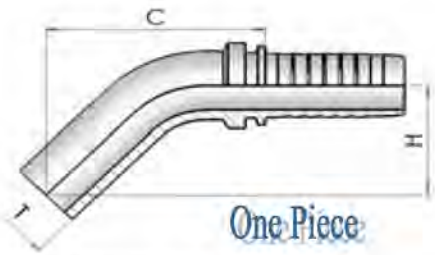
90° Metric Standpipe (welded)



hose I.D.		Dimension				
		dash	pipe	type	drop	cut-off
in	mm	size	T		H	C
3/16	4,8	03	6	L/S	37	24
3/16	4,8	03	8	L/S	41	25
1/4	6,4	04	12	L/S	44	35
5/16	7,9	05	8	L/S	41	27
3/8	9,5	06	14	S	46	36
3/8	9,5	06	15	L	52	39
1/2	12,7	08	12	L/S	44	33
1/2	12,7	08	14	S	46	36
1/2	12,7	08	15	L	52	39
1/2	12,7	08	16	S	56	42
1/2	12,7	08	18	L	56	42
5/8	15,9	10	18	L	56	42
5/8	15,9	10	20	S	65	48
5/8	15,9	10	22	L	71	51
3/4	19	12	20	S	65	48
3/4	19	12	22	L	71	51
3/4	19	12	25	S	75	57
1	25,4	16	25	S	75	57
1	25,4	16	28	L	89	60
1	25,4	16	30	S	89	65
1.1/4	31,8	20	30	S	89	66
1.1/4	31,8	20	35	L	98	76
1.1/4	31,8	20	38	S	102	83
1.1/2	38,1	24	38	S	102	82
1.1/2	38,1	24	42	L	125	106

5007 Femm. Metrica Tubolare 45°

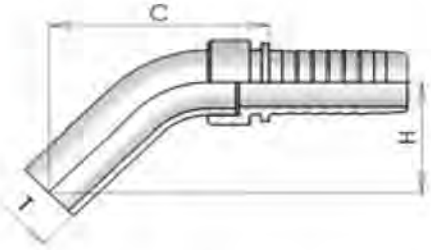
45° Metric Standpipe



hose I.D.		Dimension				
		dash	pipe	type	drop	cut-off
in	mm	size	T		H	C
1/4	6,4	04	6	L/S	24	41
1/4	6,4	04	8	L/S	25	43
1/4	6,4	04	10	L/S	30	47
5/16	7,9	05	10	L/S	30	49
5/16	7,9	05	12	L/S	32	53
3/8	9,5	06	10	L/S	33	50
3/8	9,5	06	12	L/S	33	52

50S07 Femm. Metrica Tubolare 45° (saldata)

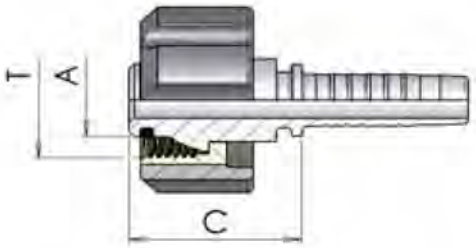
45° Metric Standpipe (welded)



hose I.D.		Dimension				
		dash	pipe	type	drop	cut-off
in	mm	size	T		H	C
3/16	4,8	03	6	L/S	21	38
3/16	4,8	03	8	L/S	23	41
1/4	6,4	04	12	L/S	29	54
3/8	9,5	06	14	S	27	50
3/8	9,5	06	15	L	29	54
1/2	12,7	08	14	S	27	50
1/2	12,7	08	15	L	29	55
1/2	12,7	08	16	S	27	54
1/2	12,7	08	18	L	29	56
5/8	15,9	10	18	L	29	56
5/8	15,9	10	20	S	34	56
5/8	15,9	10	22	L	35	66
3/4	19	12	20	S	34	63
3/4	19	12	22	L	35	65
3/4	19	12	25	S	41	76
1	25,4	16	25	S	41	76
1	25,4	16	28	L	49	84
1	25,4	16	30	S	44	86
1.1/4	31,8	20	30	S	44	88
1.1/4	31,8	20	35	L	47	94
1.1/4	31,8	20	38	S	50	101
1.1/2	38,1	24	38	S	50	100
1.1/2	38,1	24	42	L	55	114

50FK Femmina Tipo 'K' per Idropulitrici

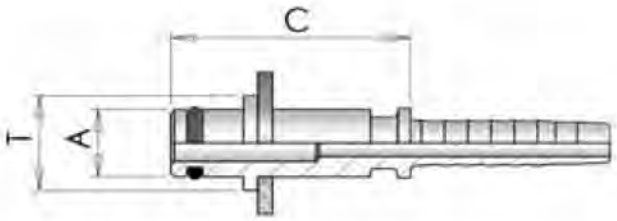
K' Female



hose I.D.		Dimension			
		dash	thread		cut-off
in	mm	size	T	A	C
1/4	6,4	04	M22-1.5	14	31
5/16	7,9	05	M22-1.5	14	31
3/8	9,5	06	M22-1.5	14	31

50FN 51FN Inserti Tipo 'K' (per lancia)

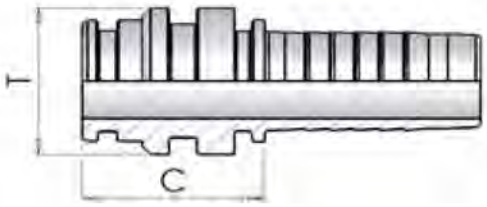
'K' Male (for gun)



hose I.D.		Dimension			
		dash	thread		cut-off
in	mm	size	T	A	C
1/4	6,4	04	M22-1.5	10	33
5/16	7,9	05	M22-1.5	10	33
3/8	9,5	06	M22-1.5	10	33
1/4	6,4	04	M22-1.5	11	33
5/16	7,9	05	M22-1.5	11	33
3/8	9,5	06	M22-1.5	11	33

9803 Maschio Steko

Staplelock Male



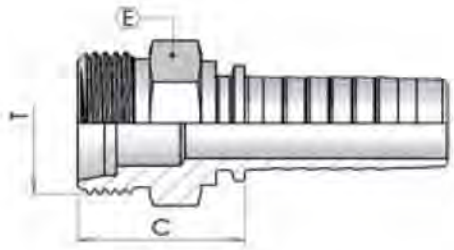
secondo / according to:
SAE J1467

hose I.D.		Dimension			
		dash	head		cut-off
in	mm	size	T		C
1/4	6,4	4	1/4		32
3/8	9,5	06	3/8		35
1/2	12,7	08	1/2		33
5/8	15,9	10	5/8		33
3/4	19	12	3/4		33
1	25,4	16	1		39
1.1/4	31,8	20	1.1/4		41

5BKO
5LKO

Maschio Kobelko

Kobelco Male

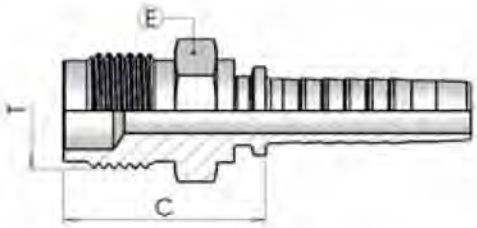


hose I.D.		Dimension				
		dash	thread	tube	hex	cut-off
in	mm	size	T		E	C
5/8	15,9	10	M30-1.5	22	32	32
3/4	19	12	M30-1.5	22	32	35
3/4	19	12	M36-1.5	28	41	36
1	25,4	16	M36-1.5	28	41	37
1	25,4	16	M45-1,5	35	50	38

3804

Maschio Metrico per valvole agricole

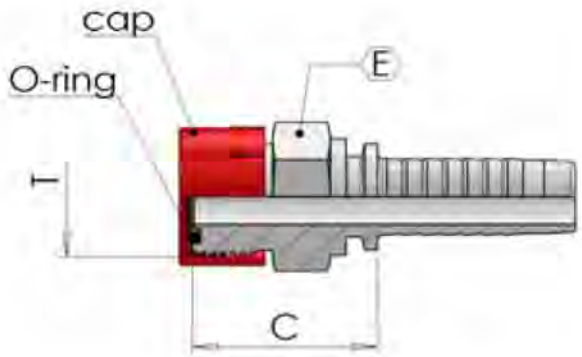
Metric Male For Agricultural Valves



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	M18-1.5	19	29
5/16	7,9	05	M18-1.5	19	29
3/8	9,5	06	M18-1.5	19	29

50S3 Maschio ORFS

ORFS Male

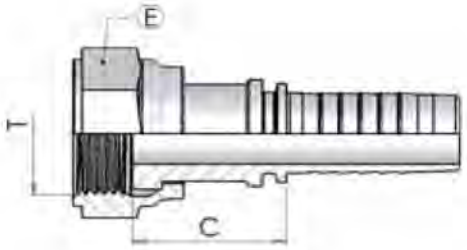


- con tappo ed O-Ring
- *with cap and O-Ring*

hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	9/16-18	17	23
1/4	6,4	04	11/16-16	19	21
5/16	7,9	05	11/16-16	19	26
3/8	9,5	06	11/16-16	19	26
3/8	9,5	6	13/16-16	22	29
1/2	12,7	08	13/16-16	22	29
1/2	12,7	08	1-14	27	34
1/2	12,7	08	1.3/16-12	32	35
5/8	15,9	10	1-14	27	33
5/8	15,9	10	1.3/16-12	32	35
3/4	19	12	1.3/16-12	32	36
3/4	19	12	1.7/16-12	38	36
1	25,4	16	1.7/16-12	38	37
1	25,4	16	1.11/16-12	46	38
1.1/4	31,8	20	1.11/16-12	46	39

50S0 Femmina ORFS

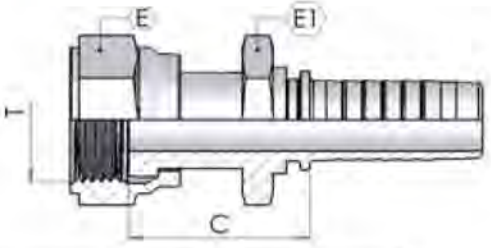
ORFS Female



	hose I.D.		Dimension			
			dash	thread	hex	cut-off
	in	mm	size	T	E	C
	1/4	6,4	04	9/16-18	19	25
	1/4	6,4	04	11/16-16	22	29
	1/4	6,4	04	13/16-16	24	32
	5/16	7,9	05	11/16-16	22	29
	3/8	9,5	06	11/16-16	22	29
	3/8	9,5	06	13/16-16	24	30
	1/2	12,7	08	13/16-16	24	32
	1/2	12,7	08	1-14	30	35
	1/2	12,7	08	1.3/16-12	36	37
	5/8	15,9	10	1-14	30	35
	5/8	15,9	10	1.3/16-12	36	34
	3/4	19	12	1-14	30	37
	3/4	19	12	1.3/16-12	36	35
	3/4	19	12	1.7/16-12	41	41
	1	25,4	16	1.7/16-12	41	39
Dado Libero	1.1/4	31,8	20	1.11/16-12	50	40
Dado Libero	1.1/2	38,1	24	2-12	60	41

5TS0 Femmina ORFS doppio esagono

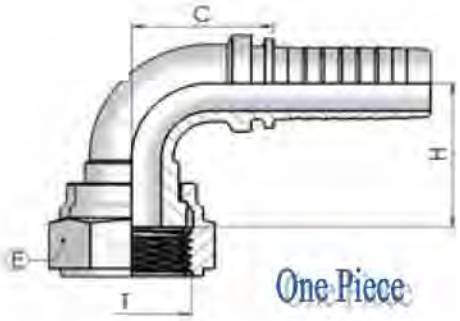
ORFS Female Back Hexagon



	hose I.D.		Dimension				
			dash	thread	hex		cut-off
	in	mm	size	T	E	E1	C
	1/4	6,4	04	9/16-18	19	15	30
	3/8	9,5	06	11/16-16	22	17	34
	1/2	12,7	08	13/16-16	24	19	37
	5/8	15,9	10	1-14	30	24	41
	3/4	19	12	1.3/16-12	36	30	42
	1	25,4	16	1.7/16-12	41	36	50

50S1 Curva ORFS 90°

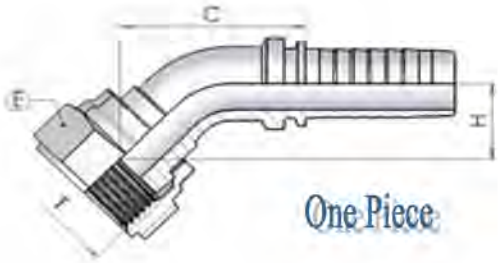
ORFS 90° Swept Elbow



	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
	1/4	6,4	04	9/16-18	19	26	25
	1/4	6,4	04	11/16-16	22	23	25
	5/16	7,9	05	11/16-16	22	32	29
	3/8	9,5	06	11/16-16	22	33	33
	3/8	9,5	06	13/16-16	24	32	33
	1/2	12,7	08	13/16-16	24	36	39
	1/2	12,7	08	1-14	30	40	39
	1/2	12,7	08	1.3/16-12	36	39	42
	5/8	15,9	10	1-14	30	39	47
saldato	5/8	15,9	10	1.3/16-12	36	39	42
saldato	3/4	19	12	1-14	30	39	42
	3/4	19	12	1.3/16-12	36	49	57
	3/4	19	12	1.7/16-12	41	51	56
	1	25,4	16	1.7/16-12	41	62	67
saldato	1	25,4	20	1.11/16-12	50	58	62
saldato	1.1/4	31,8	20	1.11/16-12	50	58	63
saldato	1.1/2	38,1	24	2-12	60	73	80

50S2 Curva ORFS 45°

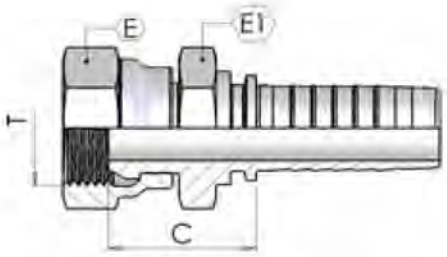
ORFS 45° Swept Elbow



	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
	1/4	6,4	04	9/16-18	19	14	40
	1/4	6,4	04	11/16-16	22	14	38
	5/16	7,9	05	11/16-16	22	14	44
	3/8	9,5	06	11/16-16	22	17	52
	3/8	9,5	06	13/16-16	24	18	51
	1/2	12,7	08	13/16-16	24	20	62
	1/2	12,7	08	1-14	30	23	64
	1/2	12,7	08	1.3/16-12	36	23	62
	5/8	15,9	10	1-14	30	22	67
saldato	5/8	15,9	10	1.3/16-12	36	18	44
saldato	3/4	19	12	1-14	30	15	40
	3/4	19	12	1.3/16-12	36	23	84
	3/4	19	12	1.7/16-12	41	26	84
	1	25,4	16	1.7/16-12	41	31	100
saldato	1.1/4	31,8	20	1.11/16-12	50	44	125
saldato	1.1/2	38,1	24	2-12	60	29	78

2009 Femmina JIS cono 60° (Nissan)

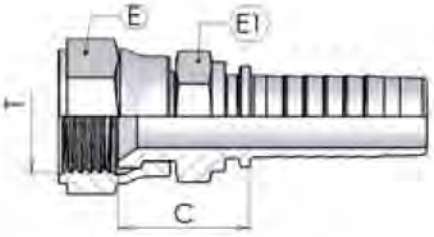
JIS Female 60° cone (Nissan)



hose I.D.		Dimension				
		dash	thread	hex		cut-off
in	mm	size	T	E	E1	C
1/4	6,4	04	1/4-19	19	19	23
3/8	9,5	06	3/8-19	22	22	28
1/2	12,7	08	1/2-14	27	27	27
3/4	19	12	3/4-14	32	32	29
1	25,4	16	1-11	38	38	31

3009 Femmina JIS cono 60° (Toyota)

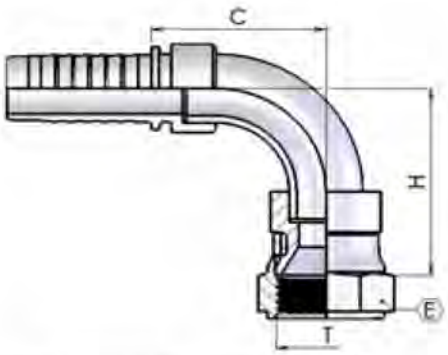
JIS Female 60° cone (Toyota)



hose I.D.		Dimension				
		dash	thread	hex		cut-off
in	mm	size	T	E	E1	C
1/4	6,4	04	1/4-19	19	17	20
3/8	9,5	06	3/8-19	22	19	22
1/2	12,7	08	1/2-14	27	22	26
3/4	19	12	3/4-14	32	30	29
1	25,4	16	1-11	38	36	31
1,1/4	31,8	20	1,1/4-11	50	46	35
1,1/2	38,1	24	1,1/2-11	55	50	28

80S09 Curva JIS 90° (Toyota) - saldata

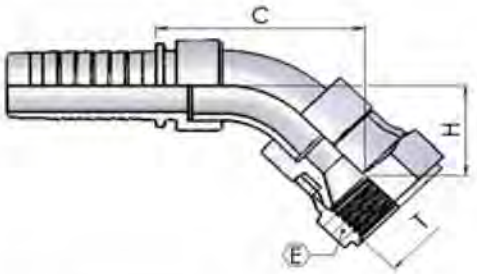
90° JIS Swept Elbow (Toyota) - welded



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	35	38
3/8	9,5	06	3/8-19	22	30	27
1/2	12,7	08	1/2-14	27	39	33
3/4	19	12	3/4-14	32	55	48
1	25,4	16	1-11	38	62	57
1,1/4	31,8	20	1,1/4-11	50	65	63
1,1/2	38,1	24	1,1/2-11	55	83	80

30S10 Curva JIS 45° (Toyota) - saldata

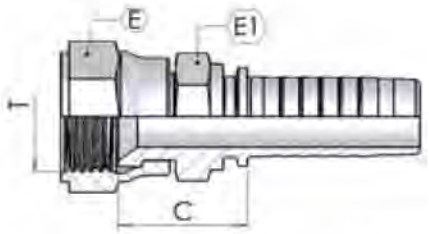
45° JIS Swept Elbow (Toyota) - welded



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	18	44
5/16	7,9	05	3/8-19	22	18	38
3/8	9,5	06	3/8-19	22	18	38
1/2	12,7	08	1/2-14	27	20	40
3/4	19	12	3/4-14	32	26	56
1	25,4	16	1-11	38	33	72
1,1/4	31,8	20	1,1/4-11	50	29	67
1,1/2	38,1	24	1,1/2-11	55	36	85

4009 Femmina JIS Cono 60° (Komatsu)

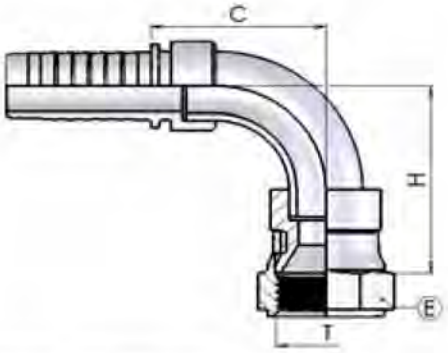
JIS Female 60° Cone (Komatsu)



hose I.D.		Dimension				
		dash	thread	hex		cut-off
in	mm	size	T	E	E1	C
1/4	6,4	04	M14x1,5	19	17	22
5/16	7,9	05	M16x1,5	22	17	22
3/8	9,5	06	M14x1,5	19	17	22
3/8	9,5	06	M18x1,5	24	19	21
1/2	12,7	08	M22x1,5	27	22	27
5/8	15,9	10	M24x1,5	30	27	26
3/4	19	12	M30x1,5	36	30	30
1	25,4	16	M33x1,5	41	36	33
1.1/4	31,8	20	M36x1,5	46	46	37
1.1/2	38,1	24	M42x1,5	50	50	38

90S09 Curva 90° JIS Cono 60° (Komatsu) - saldata

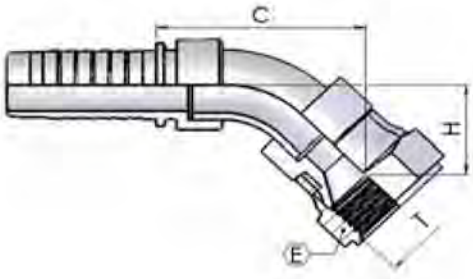
90° JIS Swept Elbow (Komatsu) - welded



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	M14x1,5	19	35	38
5/16	7,9	05	M16x1,5	22	30	27
3/8	9,5	06	M14x1,5	19	33	31
3/8	9,5	06	M18x1,5	24	33	31
1/2	12,7	08	M22x1,5	27	39	33
5/8	15,9	10	M24x1,5	30	48	42
3/4	19	12	M30x1,5	36	43	48
1	25,4	16	M33x1,5	41	62	57

40S10 Curva 45° JIS Cono 60° (Komatsu) - saldata

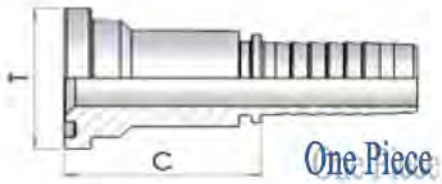
45° JIS Swept Elbow (Komatsu) - welded



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	M14x1,5	19	18	44
5/16	7,9	05	M16x1,5	22	18	38
3/8	9,5	06	M14x1,5	19	18	41
3/8	9,5	06	M18x1,5	24	18	43
1/2	12,7	08	M22x1,5	27	20	40
5/8	15,9	10	M24x1,5	30	23	50
3/4	19	12	M30x1,5	36	26	56
1	25,4	16	M33x1,5	41	33	65

5012 Flangia Komatsu Diritta

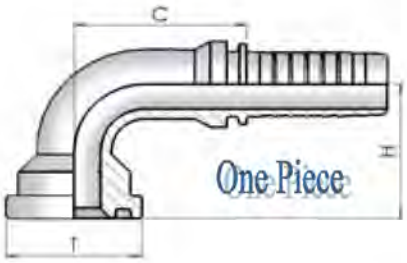
Komatsu Flange - Straight



hose I.D.		Dimension			
		dash	flangia		cut-off
in	mm	size	T	mm	C
5/8	15,9	10	5/8	34	56

5010 Flangia Komatsu 90°

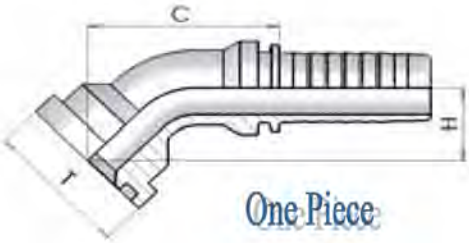
Komatsu Flange - 90°



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
5/8	15,9	10	5/8	34	47	48

5011 Flangia Komatsu 45°

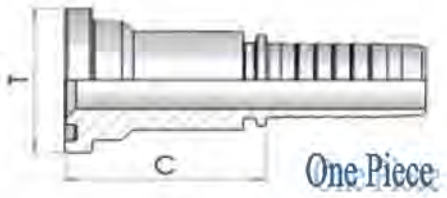
Komatsu Flange - 45°



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
5/8	15,9	10	5/8	34	54	23

6012 Flangia Diritta SAE 3000 PSI

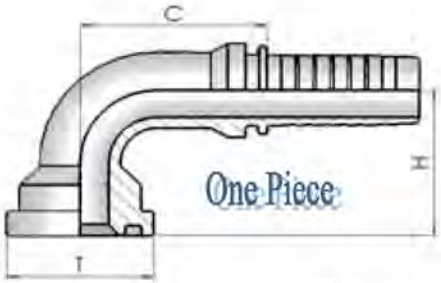
Straight SAE Flange 3000 PSI



hose I.D.		Dimension			
		dash	flangia		cut-off
in	mm	size	T	mm	C
1/2	12,7	08	1/2	30,2	45
1/2	12,7	08	3/4	38.1	50
5/8	15,9	10	1/2	30,2	45
5/8	15,9	10	3/4	38.1	49
3/4	19	12	3/4	38.1	50
3/4	19	12	1	44.5	53
1	25,4	16	1	44.5	54
1	25,4	16	1.1/4	50.8	57
1.1/4	31,8	20	1.1/4	50.8	59
1.1/4	31,8	20	1.1/2	60.3	62
1.1/2	38,1	24	1.1/2	60.3	62
1.1/2	38,1	24	2	71.4	67
2	50,8	32	2	71.4	68
2	50,8	32	2.1/2	84.1	76
2.1/2	63,5	40	2.1/2	84,1	76
3	76,2	48	3	101,6	63

6010 Flangia 90° SAE 3000 PSI

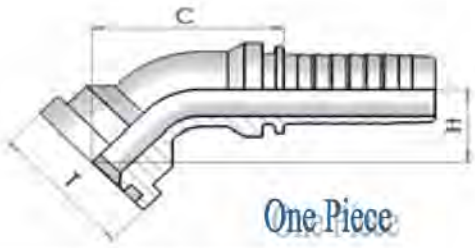
90° SAE Flange 3000 PSI



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	30,2	39	39
1/2	12,7	08	3/4	38.1	44	39
5/8	15,9	10	1/2	30,2	42	45
5/8	15,9	10	3/4	38.1	47	45
3/4	19	12	3/4	38.1	53	56
3/4	19	12	1	44.5	58	56
1	25,4	16	1	44.5	65	70
1	25,4	16	1.1/4	50.8	70	70
1	25,4	16	1.1/2	60.3	71	72
1.1/4	31,8	20	1.1/4	50.8	77	86
1.1/4	31,8	20	1.1/2	60.3	81	85
1.1/2	38,1	24	1.1/2	60.3	89	98
1.1/2	38,1	24	2	71.4	97	93
2	50,8	32	2	71.4	121	123

6011 Flangia 45° SAE 3000 PSI

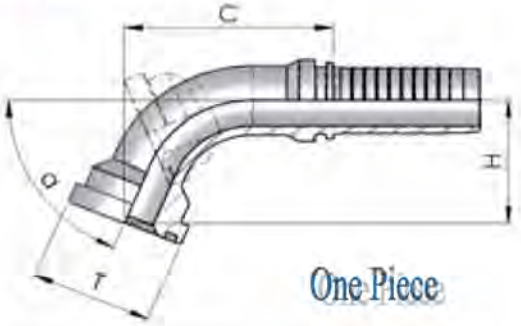
45° SAE Flange 3000 PSI



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	30,2	22	62
1/2	12,7	08	3/4	38.1	25	67
3/4	19	12	3/4	38.1	27	69
3/4	19	12	1	44.5	30	88
1	25,4	16	1	44.5	33	82
1	25,4	16	1.1/4	50.8	37	108
1.1/4	31,8	20	1.1/4	50.8	38	102
1.1/4	31,8	20	1.1/2	60.3	39	129
1.1/2	38,1	24	1.1/2	60.3	45	113
1.1/2	38,1	24	2	71.4	47	148
2	50,8	32	2	71.4	58	130

6010 Flangia 22.5°/30°/60°/67.5° SAE 3000 PSI

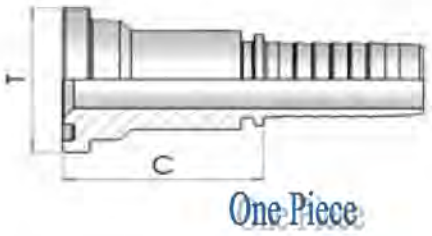
22.5°/30°/60°/67.5° SAE Flange 3000 PSI



	hose I.D.		Dimension					
			dash	flangia		degrees	drop	cut-off
	in	mm	size	T	mm	α	H	C
(SFL 22.5°)	3/4	19	12	3/4	38.1		11	76
	1	25,4	16	1	44.5		14	89
	1.1/4	31,8	20	1.1/4	50.8	22.5°	14	111
	1.1/2	38,1	24	1.1/2	60.3		17	124
	2	50,8	32	2	71.4		28	144
(SFL 30°)	3/4	19	12	3/4	38.1		16	75
	1	25,4	16	1	44.5		19	87
	1.1/4	31,8	20	1.1/4	50.8	30°	26	109
	1.1/2	38,1	24	1.1/2	60.3		23	122
	2	50,8	32	2	71.4		35	142
(SFL 60°)	3/4	19	12	3/4	38.1		36	76
	1	25,4	16	1	44.5		43	95
	1.1/4	31,8	20	1.1/4	50.8	60°	49	116
	1.1/2	38,1	24	1.1/2	60.3		55	138
	2	50,8	32	2	71.4		80	170
(SFL 67.5°)	3/4	19	12	3/4	38.1		41	72
	1	25,4	16	1	44.5		48	91
	1.1/4	31,8	20	1.1/4	50.8	67.5°	56	110
	1.1/2	38,1	24	1.1/2	60.3		63	131
	2	50,8	32	2	71.4		92	158

1013 Flangia Diritta SAE 6000 PSI

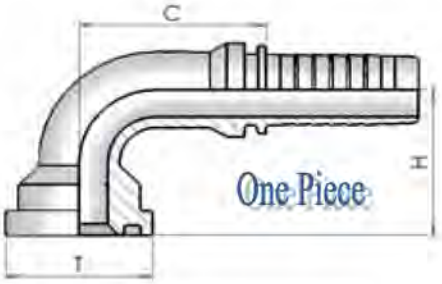
Straight SAE Flange 6000 PSI



hose I.D.		Dimension			
		dash	flangia		cut-off
in	mm	size	T	mm	C
1/2	12,7	08	1/2	31,8	46
1/2	12,7	08	3/4	41.3	53
5/8	15,9	10	1/2	31,8	46
5/8	15,9	10	3/4	41.3	53
5/8	15,9	10	1	47.6	59
3/4	19	12	3/4	41.3	54
3/4	19	12	1	47.6	60
1	25,4	16	3/4	41.3	55
1	25,4	16	1	47.6	61
1	25,4	16	1.1/4	54	68
1.1/4	31,8	20	1.1/4	54	70
1.1/4	31,8	20	1.1/2	63.5	76
1.1/2	38,1	24	1.1/2	63.5	76
1.1/2	38,1	24	2	79.4	85
2	50,8	32	2	79.4	85

1011 Flangia 90° SAE 6000 PSI

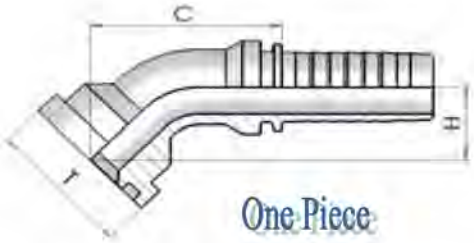
90° SAE Flange 6000 PSI



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	31,8	39	39
1/2	12,7	08	3/4	41.3	48	39
5/8	15,9	10	1/2	31,8	42	45
5/8	15,9	10	3/4	41.3	51	45
5/8	15,9	10	1	47.6	56	45
3/4	19	12	1/2	31,8	54	56
3/4	19	12	3/4	41.3	55	56
3/4	19	12	1	47.6	63	56
1	25,4	16	3/4	41.3	64	68
1	25,4	16	1	47.6	69	70
1	25,4	16	1.1/4	54	74	71
1.1/4	31,8	20	1.1/4	54	83	87
1.1/4	31,8	20	1.1/2	63.5	90	87
1.1/2	38,1	24	1.1/2	63.5	99	102
1.1/2	38,1	24	2	79.4	108	103
2	50,8	32	2	79.4	136	125

1012 Flangia 45° SAE 6000 PSI

45° SAE Flange 6000 PSI



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	31,8	22	62
1/2	12,7	08	3/4	41.3	28	69
5/8	15,9	10	1/2	31,8	21	66
5/8	15,9	10	3/4	41.3	27	75
5/8	15,9	10	1	47.6	32	77
3/4	19	12	3/4	41.3	28	74
3/4	19	12	1	47.6	32	90
1	25,4	16	3/4	41.3	30	101
1	25,4	16	1	47.6	34	86
1	25,4	16	1.1/4	54	41	112
1.1/4	31,8	20	1.1/4	54	43	107
1.1/4	31,8	20	1.1/2	63.5	48	138
1.1/2	38,1	24	1.1/2	63.5	50	122
1.1/2	38,1	24	2	79.4	66	163
2	50,8	32	2	79.4	61	145

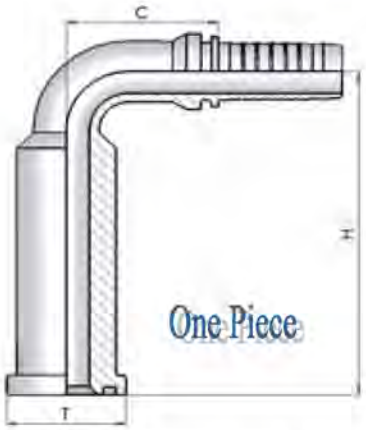
3LFS Flangia 90° SAE 3000 PSI - Tipo Lungo

90° SAE Flange 3000 Psi - Long Drop

hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	30,2	73	39
3/4	19	12	3/4	38.1	123	56
1	25,4	16	1	44.5	127	70
1.1/4	31,8	20	1.1/4	50.8	178	85
1.1/2	38,1	24	1.1/2	60.3	220	99

6LFS Flangia 90° SAE 6000 PSI - Tipo Lungo

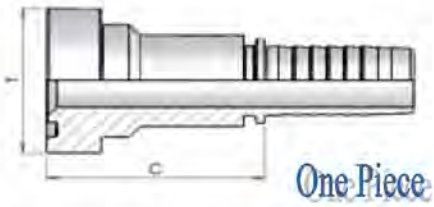
90° SAE Flange 6000 Psi - Long Drop



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	31,8	75	40
3/4	19	12	3/4	41.3	126	56
1	25,4	16	1	47.6	132	70
1.1/4	31,8	20	1.1/4	54	185	82
1.1/2	38,1	24	1.1/2	63.5	233	99

0S13 Flangia Diritta SUPERCAT

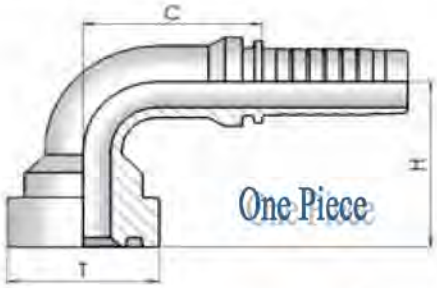
Straight 'CAT' Flange



hose I.D.		Dimension			
		dash	flangia		cut-off
in	mm	size	T	mm	C
3/4	19	12	3/4	41.3	58
3/4	19	12	1	47.6	64
1	25,4	16	1	47.6	65
1	25,4	16	1.1/4	54	73
1.1/4	31,8	20	1.1/4	54	74
1.1/4	31,8	20	1.1/2	63.5	78
1.1/2	38,1	24	1.1/2	63.5	80

0S11 Flangia 90° SUPERCAT

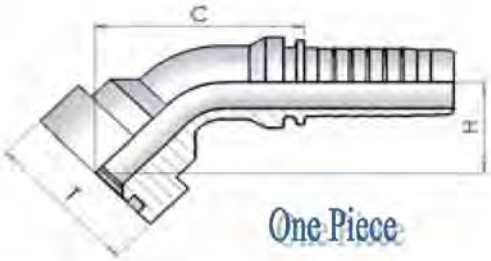
90° 'CAT' Flange



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41.3	62	56
3/4	19	12	1	47.6	65	56
1	25,4	16	1	47.6	74	78
1	25,4	16	1.1/4	54	80	78
1.1/4	31,8	20	1.1/4	54	90	97
1.1/4	31,8	20	1.1/2	63.5	97	96
1.1/2	38,1	24	1.1/2	63.5	104	115

0S12 Flangia 45° SUPERCAT

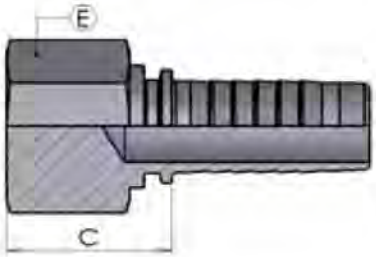
45° 'CAT' Flange



hose I.D.		Dimension				
		dash	flangia		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41.3	32	88
3/4	19	12	1	47.6	37	93
1	25,4	16	1	47.6	40	118
1	25,4	16	1.1/4	54	44	122
1.1/4	31,8	20	1.1/4	54	44	146
1.1/4	31,8	20	1.1/2	63.5	48	149
1.1/2	38,1	24	1.1/2	63.5	52	172

BKIN Inserto Semilavorato

Blank Insert

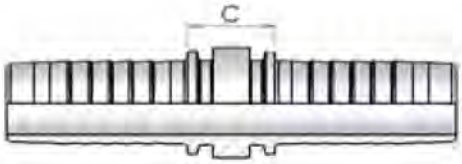


trattamento superficiale: non zincato
surface treatment: *without zinc plating*

hose I.D.		Dimension			
		dash		hex	cut-off
in	mm	size		E	C
1/4	6,4	04		19	28
3/8	9,5	06		22	23
1/2	12,7	08		27	29
0,625	15,9	10		30	31
3/4	19	12		32	33
1	25,4	16		38	36
1.1/4	31,8	20		50	41
1.1/2	38,1	24		55	43
2	50,8	32		65	45

50D0 Giunzione per Tubi Flessibili

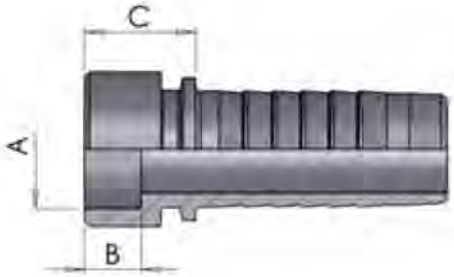
Hose Junction



hose I.D.		Dimension			
		dash			cut-off
in	mm	size			C
3/16	4,8	03			17
1/4	6,4	04			17
5/16	7,9	05			17
3/8	9,5	06			17
1/2	12,7	08			18
5/8	15,9	10			18
3/4	19	12			19
1	25,4	16			21
1.1/4	31,8	20			24
1.1/2	38,1	24			24
2	50,8	32			26

00GS Gambo a Saldare

Weldable Fitting



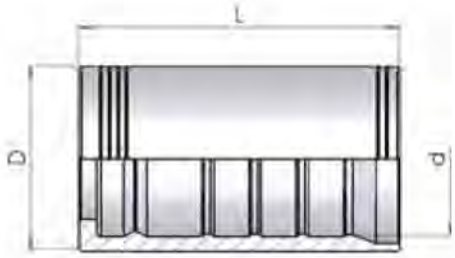
trattamento superficiale: non zincato
surface treatment: *without zinc plating*

hose I.D.		Dimension			
		dash			cut-off
in	mm	size	A	B	C
3/16	4,8	03	06	6	12
3/16	4,8	03	08	6	12
1/4	6,4	04	06	6	14
1/4	6,4	04	08	6	14
1/4	6,4	04	10	6	15
1/4	6,4	04	12	7	17
5/16	7,9	05	08	6	14
5/16	7,9	05	10	6	14
5/16	7,9	05	12	6	14
3/8	9,5	06	06	6	15
3/8	9,5	06	08	6	15
3/8	9,5	06	10	6	14
3/8	9,5	06	12	7	15
3/8	9,5	06	14	8	15
3/8	9,5	06	15	7	14
1/2	12,7	08	12	7	15
1/2	12,7	08	14	8	15
1/2	12,7	08	15	7	15
1/2	12,7	08	16	7	15
1/2	12,7	08	18	7	15
1/2	12,7	08	20	9	18
5/8	15,9	10	12	7	15
5/8	15,9	10	16	8	16
5/8	15,9	10	18	8	16
5/8	15,9	10	20	9	18
5/8	15,9	10	22	9	18
3/4	19	12	16	8	16
3/4	19	12	18	8	16
3/4	19	12	20	9	18
3/4	19	12	22	9	18
3/4	19	12	25	9	19
3/4	19	12	32	9	20
1	25,4	16	25	9	19
1	25,4	16	28	9	20
1	25,4	16	30	9	20
1	25,4	16	32	9	20
1	25,4	16	38	11	26
1.1/4	31,8	20	30	9	21
1.1/4	31,8	20	32	9	21
1.1/4	31,8	20	35	11	23
1.1/4	31,8	20	38	11	24
1.1/2	38,1	24	32	9	23
1.1/2	38,1	24	38	11	23
1.1/2	38,1	24	42	10	23
1.1/2	38,1	24	50	10	23
2	50,8	32	50	10	23

4N00 Boccola a Pressare (skive)

Swaged Ferrule (skive)

per tubo / for hose:
R9 - 4SP - 4SH



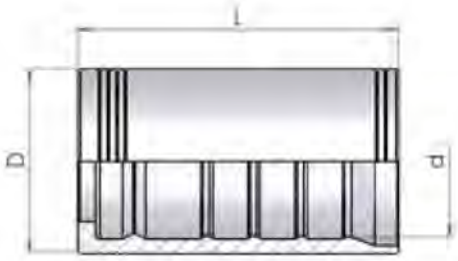
hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/4	19	38,0	60,0	29,9	52/15	R9-DIN 4SP-4SH–R12-R13-R15
1	25,4	46,0	74,5	37,3	64/17	4SP-4SH-R12-R13-R15
1.1/4	31,8	55,0	88,0	44,2	74/22	DIN 4SP - 4SH - R12
1.1/2	38,1	62,0	94,0	51,3	81/22,5	DIN 4SP - 4SH - R12
2	50,8	78,0	99,0	66,0	85/30	DIN 4SP - 4SH

ESTERNO/INTERNO

1300 Boccola a Pressare (skive)

Swaged Ferrule (skive)

per tubo / for hose:
R13 - R15

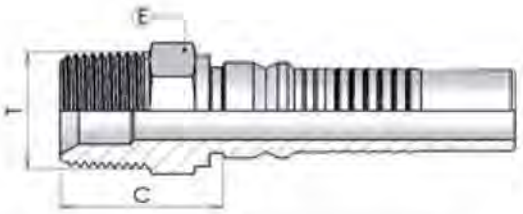


hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
1.1/4	31,8	60,0	88,0	49,5	74/22	R13 -R15
1.1/2	38,1	67,0	94,0	56,0	81/22,5	R13 -R15
2	50,8	84,5	99,0	71,0	85/30	R13

ESTERNO/INTERNO

60H03 Maschio BSPT svas. 60°

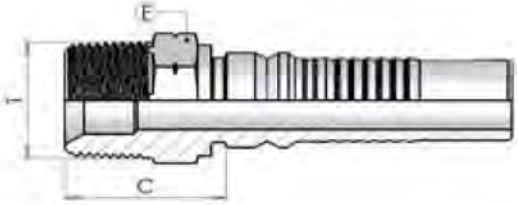
BSP Taper Male 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	3/4-14	27	35
1	25,4	16	1-11	36	41
1.1/4	31,8	20	1.1/4-11	46	44
1.1/2	38,1	24	1.1/2-11	50	47
2	50,8	32	2-11	65	54

70H03 Maschio NPTF svas. 60°

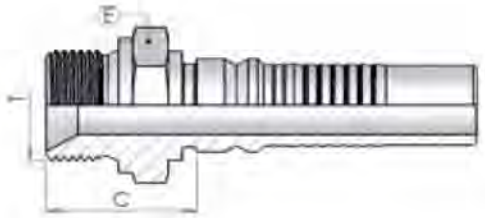
NPTF Male 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	3/4-14	27	35
1	25,4	16	1-11.1/2	36	41
1.1/4	31,8	20	1.1/4-11.1/2	46	44
1.1/2	38,1	24	1.1/2-11.1/2	50	47
2	50,8	32	2-11.1/2	65	54

50H03 Maschio BSP svas. 60°

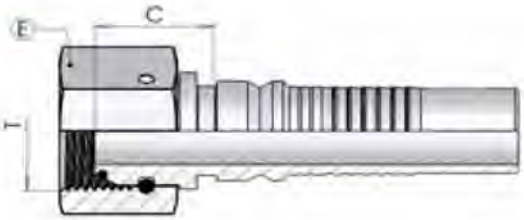
BSP Male Parallel 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	3/4-14	32	33
3/4	19	12	1-11	41	36
1	25,4	16	1-11	41	37
1	25,4	16	1.1/4-11	50	41
1.1/4	31,8	20	1.1/4-11	50	42
1.1/2	38,1	24	1.1/2-11	55	44
2	50,8	32	2-11	70	53

50H00 Femmina BSP cono 60° Dado Spinato

BSP Female 60° cone Thrust Wire

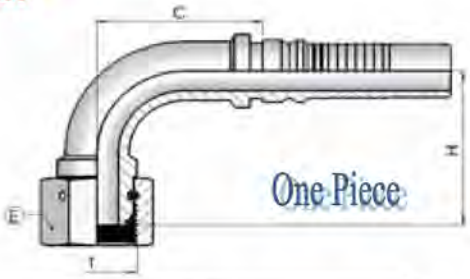


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	hose I.D.		Dimension			
			dash	thread	hex	cut-off
	in	mm	size	T	E	C
(*)	3/4	19	12	3/4-14	32	23
(*)	3/4	19	12	1-11	38	25
(*)	1	25,4	16	1-11	38	26
(*)	1.1/4	31,8	20	1.1/4-11	50	29
(*)	1.1/4	31,8	20	1.1/2-11	55	31
(*)	1.1/2	38,1	24	1.1/2-11	55	31
(*)	2	50,8	32	2-11	70	30

50H01 Curva BSP 90° cono 60° Dado Spinato

BSP 90° Swept Elbow 60° cone Thrust Wire

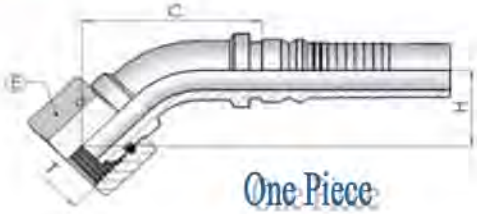


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
(*)	3/4	19	12	3/4-14	32	57	54
(*)	1	25,4	16	1-11	38	70	73
(*)	1	25,4	16	1.1/4-11	50	76	73
(*)	1.1/4	31,8	20	1.1/4-11	50	83	93
(*)	1.1/2	38,1	24	1.1/2-11	55	104	111
(*)	2	50,8	32	2-11	70	135	122

50H02 Curva BSP 45° cono 60° Dado Spinato

BSP 45° Swept Elbow 60° cone Thrust Wire

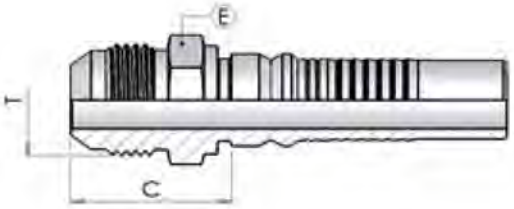


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	hose I.D.		Dimension				
			dash	thread	hex	drop	cut-off
	in	mm	size	T	E	H	C
(*)	3/4	19	12	3/4-14	32	28	84
(*)	1	25,4	16	1-11	38	38	112
(*)	1.1/4	31,8	20	1.1/4-11	50	41	137
(*)	1.1/2	38,1	24	1.1/2-11	55	54	166
(*)	2	50,8	32	2-11	70	70	195

50H08 Maschio JIC cono 74°

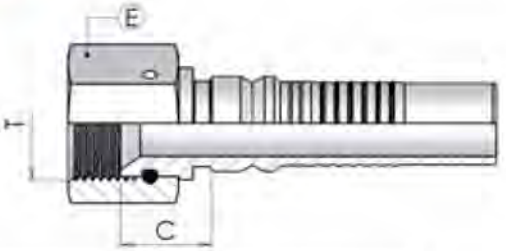
JIC Male 74° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	1.1/16-12	27	36
1	25,4	16	1.5/16-12	34	40
1.1/4	31,8	20	1.5/8-12	42	44
1.1/2	38,1	24	1.7/8-12	50	49
2	50,8	32	2.1/2-12	65	61

00H09 Femmina JIC svas. 74° Dado Spinato

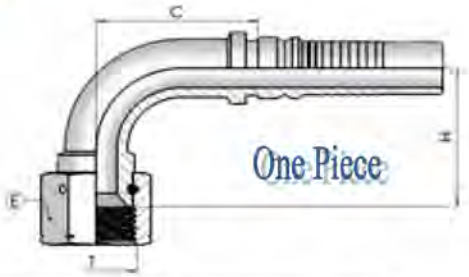
JIC Female 74° cone Thrust Wire



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	1.1/16-12	32	19
3/4	19	12	1.5/16-12	41	22
1	25,4	16	1.5/16-12	41	23
1.1/4	31,8	20	1.5/16-12	41	24
1.1/4	31,8	20	1.5/8-12	50	26
1.1/2	38,1	24	1.7/8-12	55	29
2	50,8	32	2.1/2-12	70	30

50H09 Curva JIC 90° svas. 74° Dado Spinato

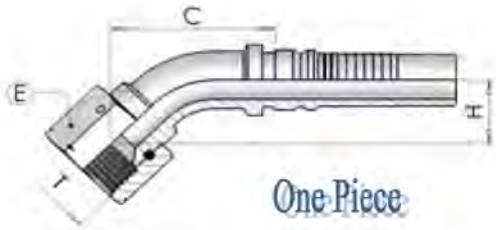
JIC 90° Swept Elbow 74° cone Thrust Wire



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	1.1/16-12	32	54	54
3/4	19	12	1.3/16-12	36	57	54
3/4	19	12	1.5/16-12	41	62	54
1	25,4	16	1.5/16-12	41	66	77
1	25,4	16	1.5/8-12	50	77	73
1.1/4	31,8	20	1.5/8-12	50	86	92
1.1/2	38,1	24	1.7/8-12	55	100	112
2	50,8	32	2.1/2-12	70	134	121

00H10 Curva JIC 45° svas. 74° Dado Spinato

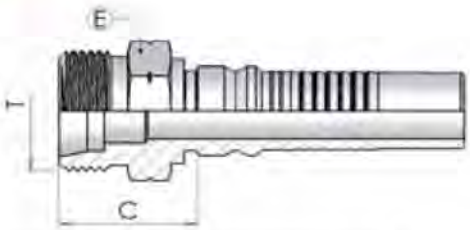
JIC 45° Swept Elbow 74° cone Thrust Wire



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	1.1/16-12	32	28	85
3/4	19	12	1.3/16-12	36	31	85
3/4	19	12	1.5/16-12	41	32	88
1	25,4	16	1.5/16-12	41	36	113
1.1/4	31,8	20	1.5/8-12	50	50	133
1.1/2	38,1	24	1.7/8-12	55	49	165
2	50,8	32	2.1/2-12	70	67	194

50H04 Maschio Metrico svas. 24° Serie Pesante

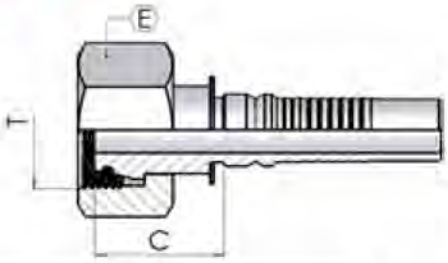
Metric Male 24° Seat Heavy



hose I.D.		Dimension				
		dash	thread	*erm*	hex	cut-off
in	mm	size	T		E	C
3/4	19	12	M36-2	*25*	36	36
1	25,4	16	M42-2	*30*	46	39
1.1/4	31,8	20	M52-2	*38*	55	42

84H00 Femmina Metrica cono 24° Serie Pesante

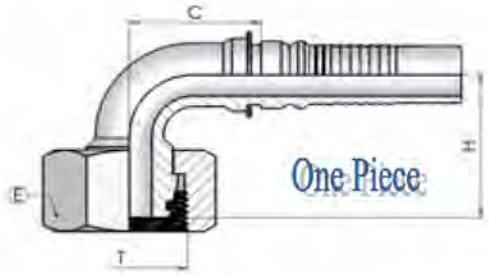
Metric Female 24° Seat Heavy



hose I.D.		Dimension				
		dash	thread	*erm*	hex	cut-off
in	mm	size	T		E	C
3/4	19	12	M36-2	*25*	46	37
1	25,4	16	M36-2	*25*	46	38
1	25,4	16	M42-2	*30*	50	41
1.1/4	31,8	20	M52-2	*38*	60	41
1,1/2	38,1	24	M52-2	*38*	60	42

84H01 Curva Metrica 90° cono 24° Serie Pesante

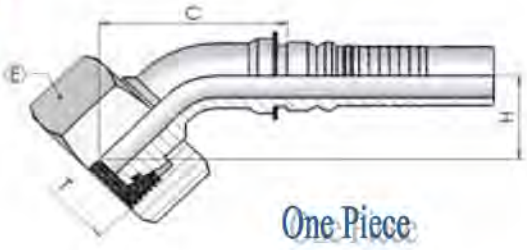
90° Metric Swept Elbow 24° Seat Heavy



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/4	19	12	M36-2	*25*	46	58	55
1	25,4	16	M36-2	*25*	46	68	75
1	25,4	16	M42-2	*30*	50	69	74
1.1/4	31,8	20	M52-2	*38*	60	81	94

84H02 Curva Metrica 45° cono 24° Serie Pesante

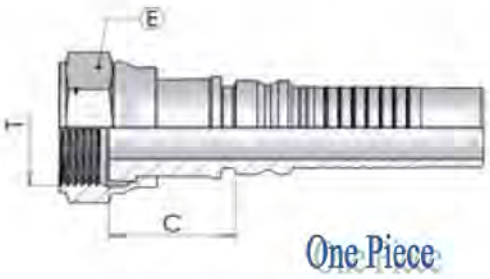
45° Metric Swept Elbow 24° Seat Heavy



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/4	19	12	M36-2	*25*	46	31	94
1	25,4	16	M36-2	*25*	46	34	110
1	25,4	16	M42-2	*30*	50	33	112
1.1/4	31,8	20	M52-2	*38*	60	81	93

50HS0 Femmina ORFS

ORFS Female

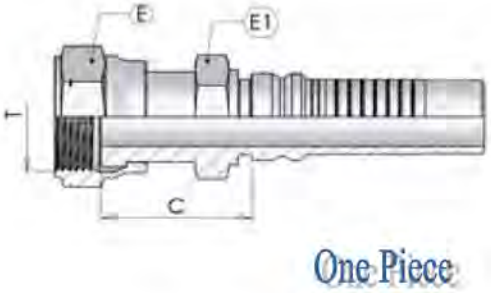


hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	1.3/16-12	36	33
1	25,4	16	1.7/16-12	41	37
1.1/4	31,8	20	1.11/16-12	50	37
1.1/2	38,1	24	2-12	60	41

Dado Libero

5THS0 Femmina ORFS doppio esagono

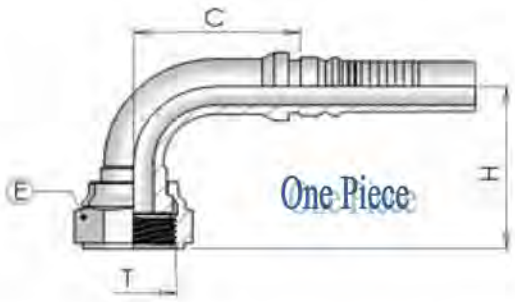
ORFS Female Back Hexagon



hose I.D.		Dimension				
		dash	thread	hex		cut-off
in	mm	size	T	E	E1	C
3/4	19	12	1.3/16-12	36	30	39
1	25,4	16	1.7/16-12	41	36	47
1.1/4	31,8	20	1.11/16-12	50	46	50
1.1/2	38,1	24	2-12	60	50	53

50HS1 Curva ORFS 90°

ORFS 90° Swept Elbow

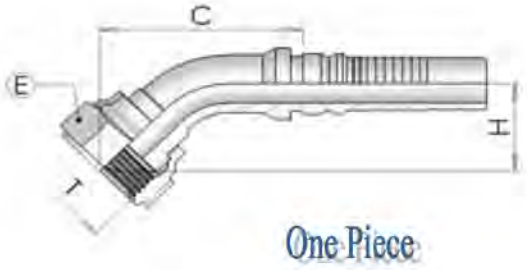


hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	1.3/16-12	36	49	54
1	25,4	16	1.7/16-12	41	66	69
1.1/4	31,8	20	1.11/16-12	50	80	87
1.1/2	38,1	24	2-12	60	102	111

Dado Libero

50HS2 Curva ORFS 45°

ORFS 45° Swept Elbow

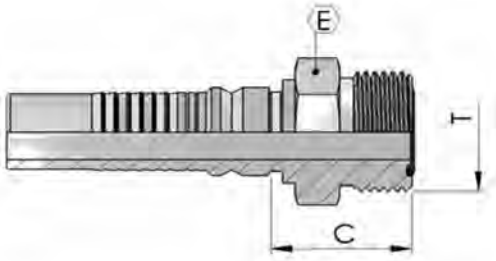


hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
3/4	19	12	1.3/16-12	36	23	84
1	25,4	16	1.7/16-12	41	33	107
1.1/4	31,8	20	1.11/16-12	50	37	130
1.1/2	38,1	24	2-12	60	50	165

Dado Libero

50HS3 Maschio ORFS

ORFS Male



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
3/4	19	12	1.3/16-12	32	34
1	25,4	16	1.7/16-12	38	35
1.1/4	31,8	20	1.11/16-12	46	36
1.1/2	38,1	24	2-12	50	45

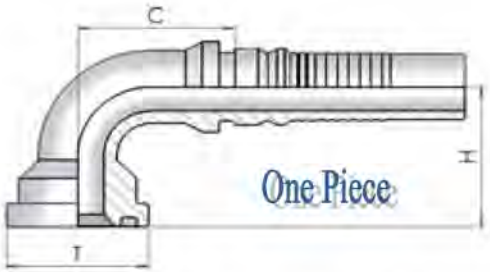
50H12 Flangia Diritta SAE 3000 PSI

Straight SAE Flange 3000 PSI

hose I.D.		Dimension				
		dash	flange			cut-off
in	mm	size	T	mm		C
3/4	19	12	3/4	38.1		47
3/4	19	12	1	44.5		50
1	25,4	16	1	44.5		52
1	25,4	16	1.1/4	50.8		55
1.1/4	31,8	20	1.1/4	50.8		56
1.1/4	31,8	20	1.1/2	60.3		59
1.1/2	38,1	24	1.1/2	60.3		60
1.1/2	38,1	24	2	71.4		65
2	50,8	32	2	71.4		67

50H10 Flangia 90° SAE 3000 PSI

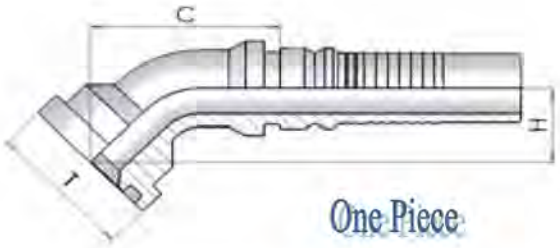
90° SAE Flange 3000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	38.1	52	52
3/4	19	12	1	44.5	56	55
1	25,4	16	1	44.5	65	73
1	25,4	16	1.1/4	50.8	75	69
1.1/4	31,8	20	1.1/4	50.8	78	93
1.1/4	31,8	20	1.1/2	60.3	80	97
1.1/2	38,1	24	1.1/2	60.3	95	100
1.1/2	38,1	24	2	71.4	101	134
2	50,8	32	2	71.4	121	122

50H11 Flangia 45° SAE 3000 PSI

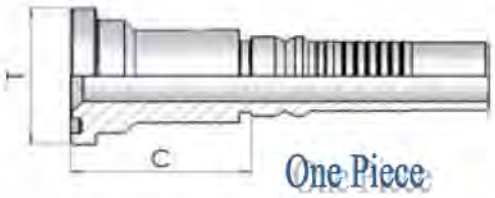
45° SAE Flange 3000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	38.1	25	81
3/4	19	12	1	44.5	28	86
1	25,4	16	1	44.5	35	107
1	25,4	16	1.1/4	50.8	37	113
1.1/4	31,8	20	1.1/4	50.8	37	136
1.1/4	31,8	20	1.1/2	60.3	40	136
1.1/2	38,1	24	1.1/2	60.3	44	159
1.1/2	38,1	24	2	71.4	47	159
2	50,8	32	2	71.4	56	182

00H13 Flangia Diritta SAE 6000 PSI

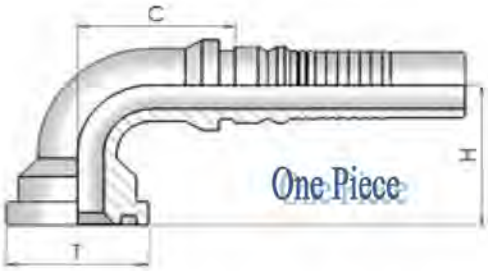
Straight SAE Flange 6000 PSI



hose I.D.		Dimension				
		dash	flange			cut-off
in	mm	size	T	mm		C
3/4	19	12	3/4	41.3		51
3/4	19	12	1	47.6		57
1	25,4	16	3/4	41.3		52
1	25,4	16	1	47.6		59
1	25,4	16	1.1/4	54		66
1.1/4	31,8	20	1	47.6		60
1.1/4	31,8	20	1.1/4	54		67
1.1/4	31,8	20	1.1/2	63.5		73
1.1/2	38,1	24	1.1/4	54		75
1.1/2	38,1	24	1.1/2	63.5		74
1.1/2	38,1	24	2	79.4		82
2	50,8	32	2	79.4		84

00H11 Flangia 90° SAE 6000 PSI

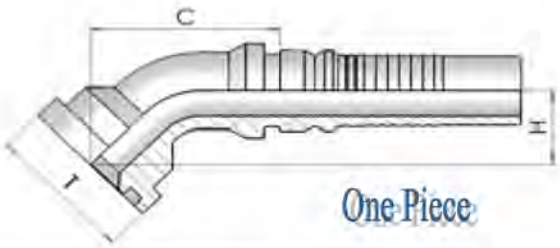
90° SAE Flange 6000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41.3	55	53
3/4	19	12	1	47.6	63	52
1	25,4	16	3/4	41.3	66	73
1	25,4	16	1	47.6	72	74
1	25,4	16	1.1/4	54	79,5	73
1.1/4	31,8	20	1	47.6	80	93
1.1/4	31,8	20	1.1/4	54	84,5	93
1.1/4	31,8	20	1.1/2	63.5	90	98
1.1/2	38,1	24	1.1/2	63.5	101	114
1.1/2	38,1	24	2	79.4	113	115
2	50,8	32	2	79.4	138	124

00H12 Flangia 45° SAE 6000 PSI

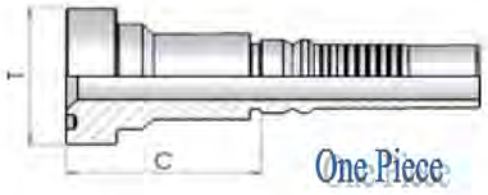
45° SAE Flange 6000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41.3	28	85
3/4	19	12	1	47.6	34	88
1	25,4	16	3/4	41.3	35	107
1	25,4	16	1	47.6	34	112
1	25,4	16	1.1/4	54	40	117
1.1/4	31,8	20	1	47.6	42	117
1.1/4	31,8	20	1.1/4	54	43	139
1.1/4	31,8	20	1.1/2	63.5	48	144
1.1/2	38,1	24	1.1/2	63.5	50	167
1.1/2	38,1	24	2	79.4	60	176
2	50,8	32	2	79.4	67	200

0SH13 Flangia Diritta SUPERCAT

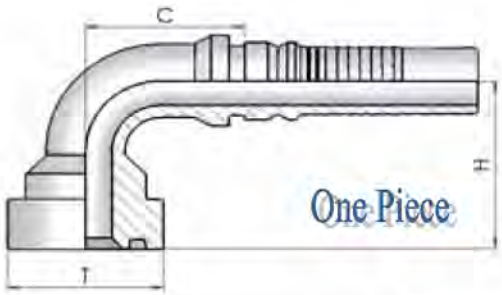
Straight 'CAT' Flange



hose I.D.		Dimension				
		dash	flange			cut-off
in	mm	size	T	mm		C
3/4	19	12	3/4	41.3		55
3/4	19	12	1	47.6		62
1	25,4	16	1	47.6		63
1	25,4	16	1.1/4	54		70
1.1/4	31,8	20	1.1/4	54		71
1,1/2	38,1	24	1.1/2	64		78

0SH11 Flangia 90° SUPERCAT

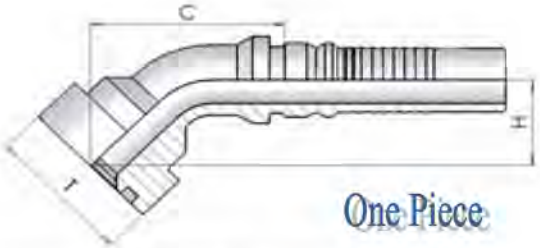
90° 'CAT' Flange



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41.3	62	51
1	25,4	16	1	47.6	79	69
1	25,4	16	1.1/4	54	82	74
1.1/4	31,8	20	1.1/4	54	89	93
1,1/2	38,1	24	1.1/2	63,5	100	115

0SH12 Flangia 45° SUPERCAT

45° 'CAT' Flange

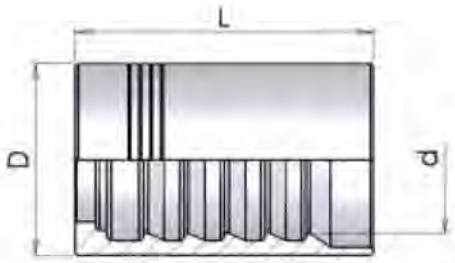


hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41.3	30	89
1	25,4	16	1	47.6	38	115
1.1/4	31,8	20	1.1/4	54	47	142
1,1/2	38,1	24	1.1/2	63,5	52	169

1900 Boccola a Pressare (skive)

Swaged Ferrule (skive)

per tubo / for hose:
R9 - 4SP - 4SH



hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
1/4	6,4	21,0	40,0	15,3	30	R9 - DIN 4SP - 4SH
3/8	9,5	25,4	43,0	18,1	31	R9 - DIN 4SP - 4SH
1/2	12,7	30,0	45,0	22,2	34	R9 - DIN 4SP - 4SH
5/8	15,9	33,4	50,0	25,5	38	R9 - DIN 4SP - 4SH
3/4	19	38,0	55,0	29,4	39	R9 - DIN 4SP - 4SH
1	25,4	46,0	75,0	36,1	56	R9 - DIN 4SP - 4SH

C2BM Boccola a Pressare (non skive)

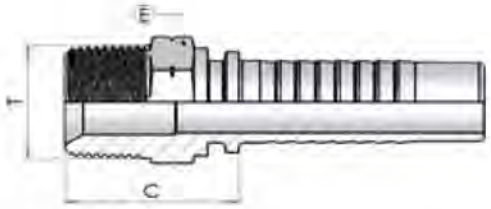
Swaged Ferrule (no skive)

per tubo / for hose:
4SP - 4SH

hose I.D.		Dimension			skive	
in	mm	D	L	d	length	valid for
3/4	19	45,0	55,5	33,2	NO	4SP-4SH

70M03 Maschio NPTF svas. 60°

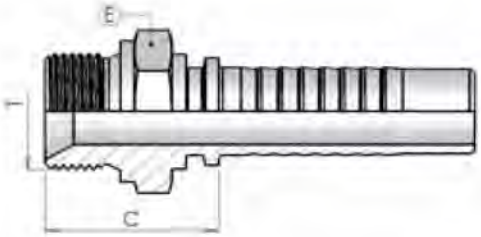
NPTF Male 60° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-18	15	29
1/4	6,4	04	3/8-18	19	29
3/8	9,5	06	3/8-18	19	29
1/2	12,7	08	1/2-14	22	35
3/4	19	12	3/4-14	27	39
1	25,4	16	1-11.1/2	36	46

50M03 Maschio BSP svas. 60°

BSP Male Parallel 60° cone

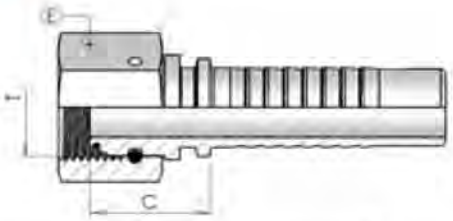


hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	28
3/8	9,5	06	3/8-19	22	30
1/2	12,7	08	1/2-14	27	33
5/8	15,9	10	5/8-14	30	35
3/4	19	12	3/4-14	32	37
1	25,4	16	1-11	41	42

50M00 Femmina BSP cono 60° Dado Spinato

BSP Female 60° cone Thrust Wire

(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring



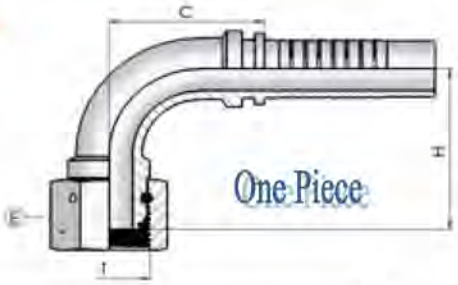
hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	20
3/8	9,5	06	3/8-19	22	21
1/2	12,7	08	1/2-14	27	23
5/8	15,9	10	5/8-14	30	23
3/4	19	12	3/4-14	32	27
1	25,4	16	1-11	38	30

(*)

50M01 Curva BSP 90° cono 60° Dado Spinato

BSP 90° Swept Elbow 60° cone Thrust Wire

(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring



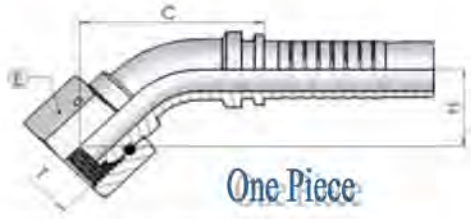
hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	28	26
3/8	9,5	06	3/8-19	22	34	35
1/2	12,7	08	1/2-14	27	40	40
5/8	15,9	10	5/8-14	30	46	46
3/4	19	12	3/4-14	32	56	58
1	25,4	16	1-11	38	68	72

(*)

50M02 Curva BSP 45° cono 60° Dado Spinato

BSP 45° Swept Elbow 60° cone Thrust Wire

(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

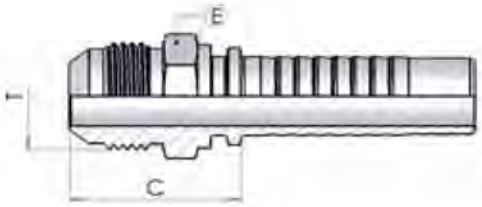


hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	19	16	43
3/8	9,5	06	3/8-19	22	19	54
1/2	12,7	08	1/2-14	27	23	67
5/8	15,9	10	5/8-14	30	24	70
3/4	19	12	3/4-14	32	29	87
1	25,4	16	1-11	38	35	108

(*)

50M08 Maschio JIC cono 74°

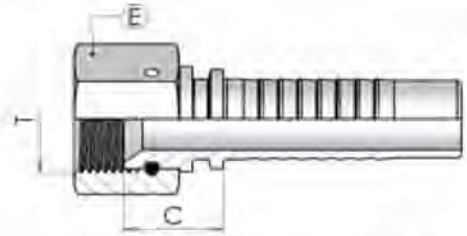
JIC Male 74° cone



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	7/16-20	12	28
3/8	9,5	06	9/16-18	15	28
3/8	9,5	06	3/4-16	19	32
1/2	12,7	08	3/4-16	19	32
1/2	12,7	08	7/8-14	24	36
5/8	15,9	10	7/8-14	24	36
5/8	15,9	10	1.1/16-12	27	40
3/4	19	12	1.1/16-12	27	40
1	25,4	16	1.5/16-12	34	43
1	25,4	16	1.5/16-12	34	45

00M09 Femmina JIC svas. 74° Dado Spinato

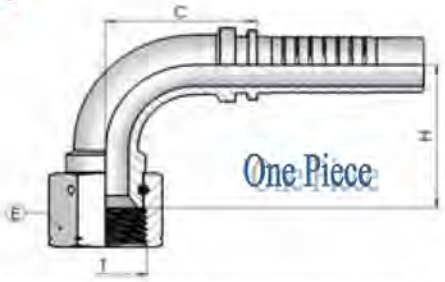
JIC Female 74° cone Thrust Wire



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	7/16-20	17	16
3/8	9,5	06	9/16-18	19	18
1/2	12,7	08	3/4-16	24	20
1/2	12,7	08	7/8-14	27	21
5/8	15,9	10	7/8-14	27	21
5/8	15,9	10	1.1/16-12	32	22
3/4	19	12	1.1/16-12	32	23
3/4	19	12	1.5/16-12	41	26
1	25,4	16	1.5/16-12	41	27

50M09 Curva JIC 90° svas. 74° Dado Spinato

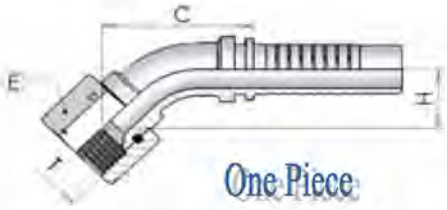
JIC 90° Swept Elbow 74° cone Thrust Wire



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	7/16-20	17	26	26
3/8	9,5	06	9/16-18	19	33	35
1/2	12,7	08	3/4-16	24	39	40
1/2	12,7	08	7/8-14	27	41	40
5/8	15,9	10	7/8-14	27	45	46
3/4	19	12	1.1/16-12	32	54	58
1	25,4	16	1.5/16-12	41	68	72

00M10 Curva JIC 45° svas. 74° Dado Spinato

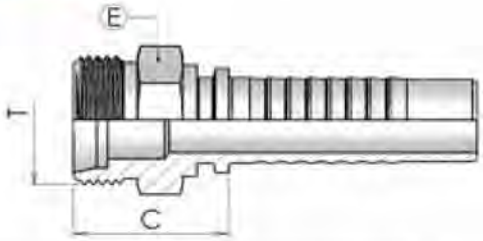
JIC 45° Swept Elbow 74° cone Thrust Wire



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	7/16-20	17	15	42
3/8	9,5	06	9/16-18	19	18	53
1/2	12,7	08	3/4-16	24	23	66
1/2	12,7	08	7/8-14	27	23	67
5/8	15,9	10	7/8-14	27	23	69
3/4	19	12	1.1/16-12	32	28	85
1	25,4	16	1.5/16-12	41	36	109

00M05 Maschio Metrico svas. 24° Serie Leggera

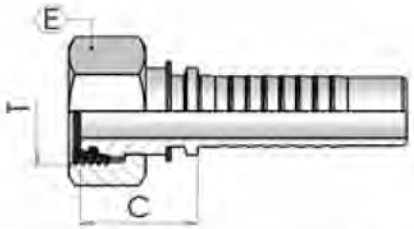
Metric Male 24° Seat Light



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
1/2	12,7	08	M22-1.5	*15*	22	26
5/8	15,9	10	M30-2	*18*	27	27
3/4	19	12	M36-2	*22*	30	34
1	25,4	16	M36-2	*28*	36	34

85M00 Femmina Metrica cono 24° Serie Leggera

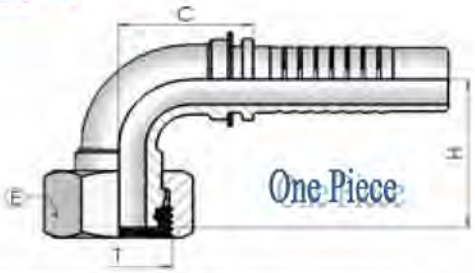
Metric Female 24° Seat Light



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
3/8	9,5	06	M18-1.5	*12*	22	25
1/2	12,7	08	M22-1.5	*15*	27	29
5/8	15,9	10	M26-1.5	*18*	32	29
3/4	19	12	M30-2	*22*	36	31
1	25,4	16	M36-2	*28*	41	32

85M01 Curva Metrica 90° cono 24° Serie Leggera

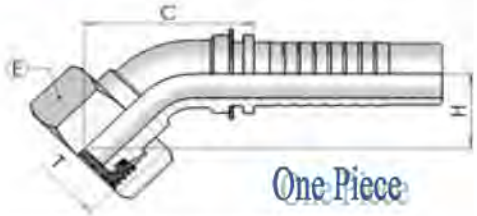
90° Metric Swept Elbow 24° Seat Light



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/8	9,5	06	M18-1.5	*12*	22	33	35
1/2	12,7	08	M22-1.5	*15*	27	37	44
5/8	15,9	10	M26-1.5	*18*	32	44	47
3/4	19	12	M30-2	*22*	36	52	59
1	25,4	16	M36-2	*28*	41	63	74

85M02 Curva Metrica 45° cono 24° Serie Leggera

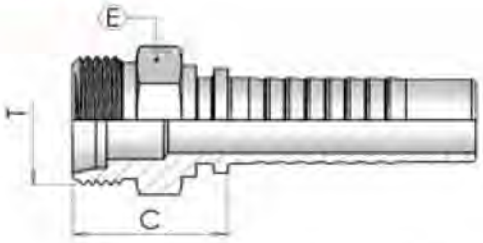
45° Metric Swept Elbow 24° Seat Light



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/8	9,5	06	M18-1.5	*12*	22	21	54
1/2	12,7	08	M22-1.5	*15*	27	21	80
5/8	15,9	10	M26-1.5	*18*	32	24	71
3/4	19	12	M30-2	*22*	36	27	85
1	25,4	16	M36-2	*28*	41	35	105

50M04 Maschio Metrico svas. 24° Serie Pesante

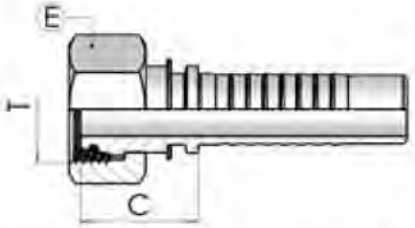
Metric Male 24° Seat Heavy



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
1/2	12,7	08	M24-1.5	*16*	24	32
5/8	15,9	10	M30-2	*20*	30	34
3/4	19	12	M30-2	*20*	36	36
3/4	19	12	M36-2	*25*	36	40
1	25,4	16	M42-2	*30*	46	44

84M00 Femmina Metrica cono 24° Serie Pesante

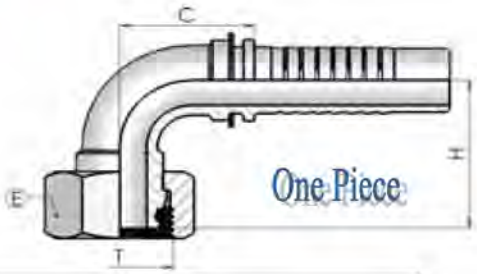
Metric Female 24° Seat Heavy



hose I.D.		Dimension				
		dash	thread	*erm.*	hex	cut-off
in	mm	size	T		E	C
1/4	6,4	04	M16-1.5	*8*	19	27
3/8	9,5	06	M20-1.5	*12*	24	25
1/2	12,7	08	M24-1.5	*16*	30	29
5/8	15,9	10	M30-2	*20*	36	34
3/4	19	12	M30-2	*20*	36	35
3/4	19	12	M36-2	*25*	46	41
1	25,4	16	M36-2	*25*	46	43
1	25,4	16	M42-2	*30*	50	45

84M01 Curva Metrica 90° cono 24° Serie Pesante

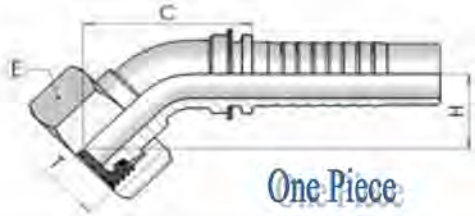
90° Metric Swept Elbow 24° Seat Heavy



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
1/4	6,4	04	M16-1.5	*8*	19	26	28
3/8	9,5	06	M20-1.5	*12*	24	33	35
1/2	12,7	08	M24-1.5	*16*	30	38	42
5/8	15,9	10	M30-2	*20*	36	50	47
3/4	19	12	M30-2	*20*	36	56	59
3/4	19	12	M36-2	*25*	46	59	58
1	25,4	16	M42-2	*30*	50	67	74

84M02 Curva Metrica 45° cono 24° Serie Pesante

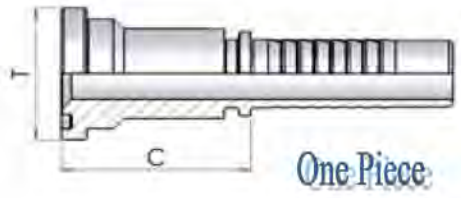
45° Metric Swept Elbow 24° Seat Heavy



hose I.D.		Dimension					
		dash	thread	*erm.*	hex	drop	cut-off
in	mm	size	T		E	H	C
1/4	6,4	04	M16-1.5	*8*	19	15	38
3/8	9,5	06	M20-1.5	*12*	24	19	45
1/2	12,7	08	M24-1.5	*16*	30	21	64
5/8	15,9	10	M30-2	*20*	36	29	74
3/4	19	12	M30-2	*20*	36	30	91
3/4	19	12	M36-2	*25*	46	31	91
1	25,4	16	M42-2	*30*	50	33	107

50M12 Flangia Diritta SAE 3000 PSI

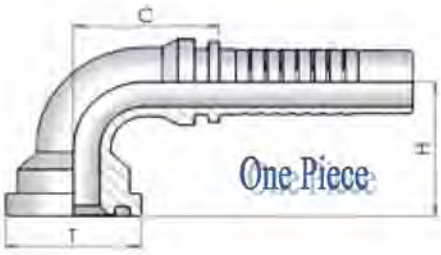
Straight SAE Flange 3000 PSI



hose I.D.		Dimension				
		dash	flange			cut-off
in	mm	size	T	mm		C
1/2	12,7	08	1/2	30,2		46
1/2	12,7	08	3/4	38.1		50
5/8	15,9	10	3/4	38.1		50
3/4	19	12	3/4	38.1		51
3/4	19	12	1	44.5		54
1	25,4	16	1	44.5		56
1	25,4	16	1.1/4	50.8		59

50M10 Flangia 90° SAE 3000 PSI

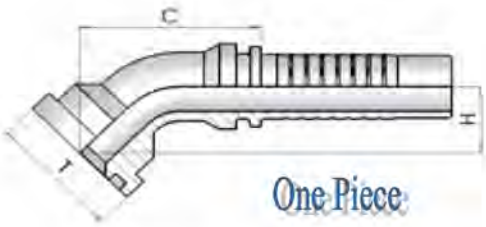
90° SAE Flange 3000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	30,2	39	40
1/2	12,7	08	3/4	38.1	44	40
5/8	15,9	10	3/4	38.1	47	46
3/4	19	12	3/4	38.1	53	58
3/4	19	12	1	44.5	58	58
1	25,4	16	1	44.5	65	72
1	25,4	16	1.1/4	50.8	70	72

50M11 Flangia 45° SAE 3000 PSI

45° SAE Flange 3000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	30,2	22	63
1/2	12,7	08	3/4	38.1	25	69
5/8	15,9	10	3/4	38.1	24	70
3/4	19	12	3/4	38.1	27	84
3/4	19	12	1	44.5	30	88
1	25,4	16	1	44.5	33	106
1	25,4	16	1.1/4	50.8	37	110

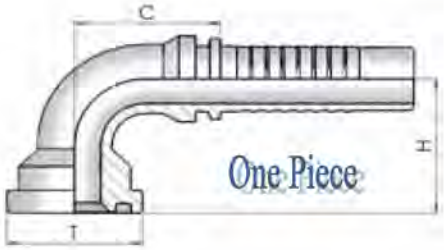
00M13 Flangia Diritta SAE 6000 PSI

Straight SAE Flange 6000 PSI

hose I.D.		Dimension				
		dash	flange			cut-off
in	mm	size	T	mm		C
1/2	12,7	08	1/2	31,8		47
1/2	12,7	08	3/4	41,3		54
5/8	15,9	10	3/4	41,3		54
3/4	19	12	3/4	41,3		55
3/4	19	12	1	47,6		61
3/4	19	12	1.1/4	54		69
1	25,4	16	3/4	41,3		57
1	25,4	16	1	47,6		63
1	25,4	16	1.1/4	54		70

00M11 Flangia 90° SAE 6000 PSI

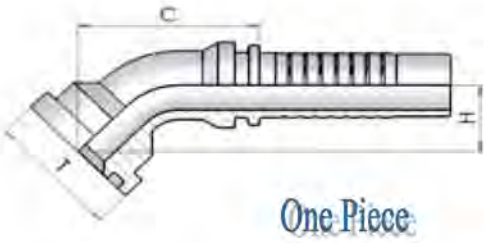
90° SAE Flange 6000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	31,8	39	40
1/2	12,7	08	3/4	41,3	48	40
5/8	15,9	10	3/4	41,3	51	46
3/4	19	12	3/4	41,3	57	58
3/4	19	12	1	47,6	63	56
1	25,4	16	3/4	41,3	64	72
1	25,4	16	1	47,6	69	72
1	25,4	16	1.1/4	54	77	72

00M12 Flangia 45° SAE 6000 PSI

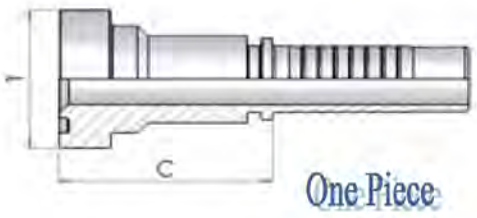
45° SAE Flange 6000 PSI



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
1/2	12,7	08	1/2	31,8	22	66
1/2	12,7	08	3/4	41,3	28	70
5/8	15,9	10	3/4	41,3	27	73
3/4	19	12	3/4	41,3	30	87
3/4	19	12	1	47,6	34	94
1	25,4	16	3/4	41,3	35	103
1	25,4	16	1	47,6	37	109
1	25,4	16	1.1/4	54	41	115

0SM13 Flangia Diritta SUPERCAT

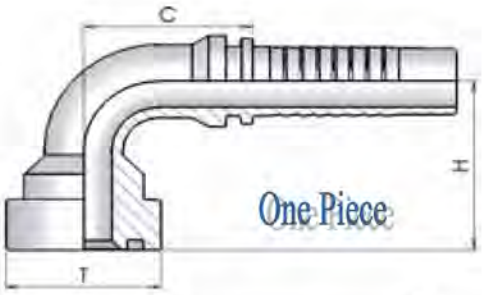
Straight 'CAT' Flange



hose I.D.		Dimension				
		dash	flange			cut-off
in	mm	size	T	mm		C
3/4	19	12	3/4	41		59
3/4	19	12	1	48		66
1	25,4	16	1	48		67
1	25,4	16	1.1/4	54		75

0SM11 Flangia 90° SUPERCAT

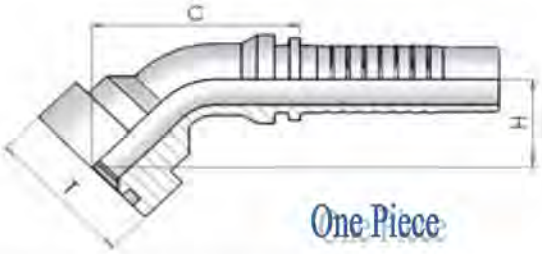
90° 'CAT' Flange



hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41	60	58
3/4	19	12	1	48	67	58
1	25,4	16	1	48	74	80
1	25,4	16	1.1/4	54	80	79

0SM12 Flangia 45° SUPERCAT

45° 'CAT' Flange

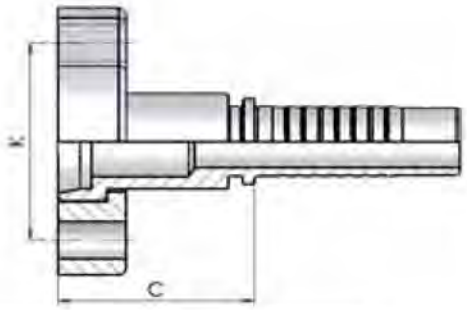


hose I.D.		Dimension				
		dash	flange		drop	cut-off
in	mm	size	T	mm	H	C
3/4	19	12	3/4	41	32	90
3/4	19	12	1	48	33	97
1	25,4	16	1	48	40	121
1	25,4	16	1.1/4	54	44	124

32MF4
34MF4

Flangia Maschio POCLAIN

POCLAIN Male Flange

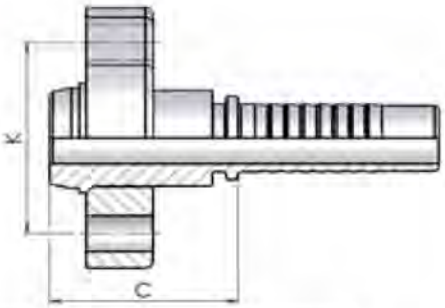


hose I.D.		Dimension					
		dash	flange			dim	cut-off
in	mm	size	T			K	C
1/2	12,7	08	1/2			44	41
5/8	15,9	10	5/8			44	41
3/4	19	12	3/4			56	52
1	25,4	16	1			64	64
1.1/4	31,8	20	1.1/4			74	70
1/2	12,7	08	1/2			40	41
5/8	15,9	10	5/8			40	41
3/4	19	12	3/4			51	52
1	25,4	16	1			57	64
1.1/4	31,8	20	1.1/4			67	70

32MF0
34MF0

Flangia Femmina Diritta POCLAIN

POCLAIN Female Flange

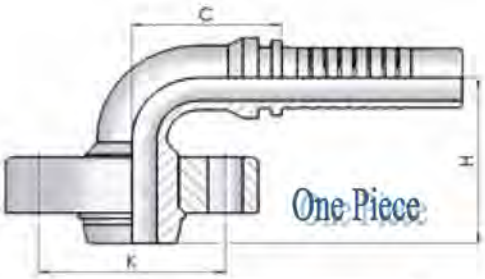


hose I.D.		Dimension					
		dash	flange			dim	cut-off
in	mm	size	T			K	C
1/2	12,7	08	1/2			44	45
5/8	15,9	10	5/8			44	44
3/4	19	12	3/4			56	51
1	25,4	16	1			64	62
1.1/4	31,8	20	1.1/4			74	82
1/2	12,7	08	1/2			40	45
5/8	15,9	10	5/8			40	44
3/4	19	12	3/4			51	51
1	25,4	16	1			57	62
1.1/4	31,8	20	1.1/4			67	82

32MF1
34MF1

Flangia Femmina 90° POCLAIN

90° POCLAIN Female Flange

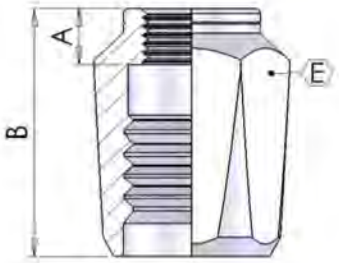


hose I.D.		Dimension						
		dash	flange			dim	drop	cut-off
in	mm	size	T			K	H	C
1/2	12,7	08	1/2			44	50	40
5/8	15,9	10	5/8			44	52	48
3/4	19	12	3/4			56	62	63
1	25,4	16	1			64	81	80
1.1/4	31,8	20	1.1/4			74	96	98
1/2	12,7	08	1/2			40	50	40
5/8	15,9	10	5/8			40	52	48
3/4	19	12	3/4			51	62	63
1	25,4	16	1			57	81	80
1.1/4	31,8	20	1.1/4			67	96	98

01R00 Boccola Recuperabile

Reusable Ferrule

per tubo / for hose:
SAE 100 R1 - DIN 2SN

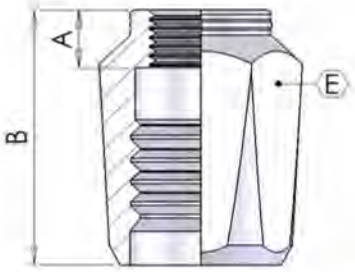


hose I.D.		Dimension				
in	mm	A	B	E		valid for
1/4	6,4	8,5	35	18		R1/2SN
5/16	7,9	9,5	38	20		R1/1ST
3/8	9,5	10,0	42	22		R1/2SN
1/2	12,7	12,5	49	26		R1/2SN
5/8	15,9	13,5	53	28		R1/2SN
3/4	19	15,0	58	32		R1/2SN
1	25,4	20,0	72	42		R1/2SN
1.1/4	31,8	23,0	84	55		R1/2SN

02R00 Boccola Recuperabile

Reusable Ferrule

per tubo / for hose:
SAE 100 R2 - DIN 2SN

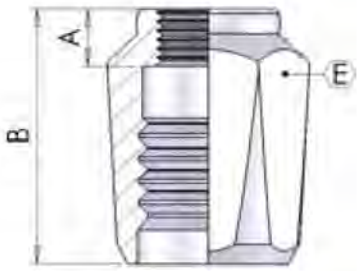


hose I.D.		Dimension				
in	mm	A	B	E		valid for
1/4	6,4	8,5	35	19		R2/2SN
5/16	7,9	9,5	38	22		R2/2SN
3/8	9,5	10,0	42	24		R2/2ST
1/2	12,7	12,5	49	27		R2/2SN
5/8	15,9	13,5	53	30		R2/2SN
3/4	19	15,0	58	34		R2/2SN
1	25,4	20,0	72	45		R2/2SN

03R00 Boccola Recuperabile

Reusable Ferrule

per tubo / for hose:
SAE 100 R3 - SAE 100 R5

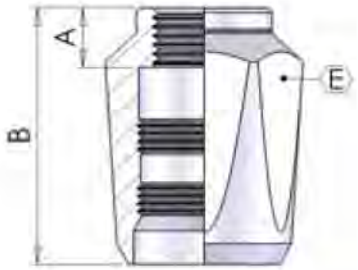


hose I.D.		Dimension				
in	mm	A	B	E		valid for
3/16	4,8	8,0	28	17		R1/R3/R5
1/4	6,4	8,5	35	18		R3/R5
5/16	7,9	9,5	38	20		R3/R5
3/8	9,5	10,0	42	22		R3/R5
1/2	12,7	12,5	49	27		R3/R5
5/8	15,9	13,5	53	30		R3/R5
3/4	19	15,0	58	36		R3/R5
7/8	22,2	18,0	64	36		R5

07R00 Boccola Recuperabile

Reusable Ferrule

per tubo / for hose:
SAE 100 R7

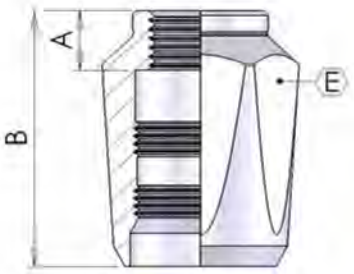


hose I.D.		Dimension				
in	mm	A	B	E		valid for
3/16	4,8	8,0	28	14		R7
1/4	6,4	8,5	34	17		R7
5/16	7,9	9,5	37	19		R7
3/8	9,5	10,0	41	22		R7
1/2	12,7	12,5	48	24		R7

08R00 Boccola Recuperabile

Reusable Ferrule

per tubo / for hose:
MT1

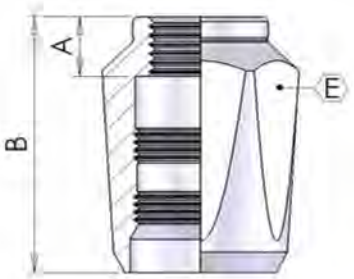


hose I.D.		Dimension				
in	mm	A	B	E		valid for
3/16	4,8	8,0	28	14		MT1
1/4	6,4	8,5	34	17		MT1
5/16	7,9	9,5	37	19		MT1
3/8	9,5	10,0	41	20		MT1
1/2	12,7	12,5	48	24		MT1

11R00 Boccola Recuperabile

Reusable Ferrule

per tubo / for hose:
SAE 100 R1T

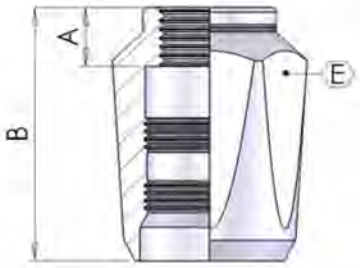


hose I.D.		Dimension				
in	mm	A	B	E		valid for
3/16	4,8	8,0	28	17		R1T
1/4	6,4	8,5	35	18		R1T
5/16	7,9	9,5	38	20		R1T
3/8	9,5	10,0	42	22		R1T
1/2	12,7	12,5	49	26		R1T
5/8	15,9	13,5	53	28		R1T
3/4	19	15,0	58	32		R1T
1	25,4	20,0	72	42		R1T
1.1/4	31,8	23,0	84	50		R1T
1.1/2	38,1	25,0	88	60		R1T

21R00 Boccola Recuperabile

Reusable Ferrule

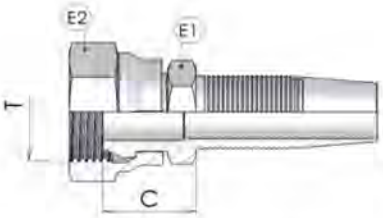
per tubo / for hose:
SAE 100 R2T



hose I.D.		Dimension				
in	mm	A	B	E		valid for
1/4	6,4	8,5	35	19		R2T
5/16	7,9	9,5	38	22		R2T
3/8	9,5	10,0	42	24		R2T
1/2	12,7	12,5	49	27		R2T
5/8	15,9	13,5	53	30		R2T
3/4	19	15,0	58	34		R2T
1	25,4	20,0	72	45		R2T/R3

51R00 Femmina BSP cono 60° Dado Rullato

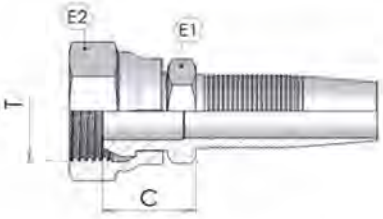
BSP Female 60° Cone Rolled Nut



hose I.D.		Dimension				
		dash	Thread	hex		cut-off
in	mm	size	T	E1	E2	C
3/16	4,8	03	1/8	14	14	16
3/16	4,8	03	1/4	14	17	17
1/4	6,4	04	1/4	17	17	17
1/4	6,4	04	3/8	19	22	18
5/16	7,9	05	1/4	17	17	17
5/16	7,9	05	3/8	19	22	19
3/8	9,5	06	3/8	22	22	20
3/8	9,5	06	1/2	24	27	22
1/2	12,7	08	1/2	27	27	22
1/2	12,7	08	5/8	27	30	23
5/8	15,9	10	5/8	30	30	23
5/8	15,9	10	3/4	30	32	24
3/4	19	12	3/4	32	32	25
1	25,4	16	1	38	38	28
1.1/4	31,8	20	1.1/4	50	50	32
1.1/2	38,1	24	1.1/2	55	55	34

00R01 Femmina Metrica Cono 60°

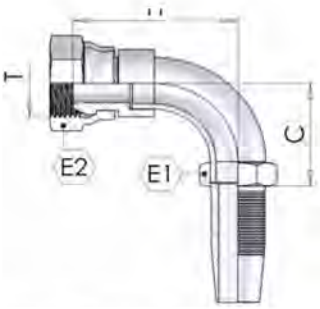
Metric Female 60° cone



hose I.D.		Dimension				
		dash	Thread	hex		cut-off
in	mm	size	T	E1	E2	C
3/16	4,8	03	M10-1	14	14	16
1/4	6,4	04	M12-1,5	17	17	17
1/4	6,4	04	M14-1,5	17	19	17
1/4	6,4	04	M16-1,5	18	22	22
5/16	7,9	05	M14-1,5	17	27	17
5/16	7,9	05	M16-1,5	19	22	22
5/16	7,9	05	M18-1,5	19	24	22
3/8	9,5	06	M16-1,5	20	22	22
3/8	9,5	06	M18-1,5	20	24	22
3/8	9,5	06	M22-1,5	22	27	27
1/2	12,7	08	M18-1,5	22	24	27
1/2	12,7	08	M22-1,5	22	27	27
5/8	15,9	10	M26-1,5	24	32	32
3/4	19	12	M26-1,5	25	32	32

51R01 Curva BSP 90° cono 60° Dado Rullato

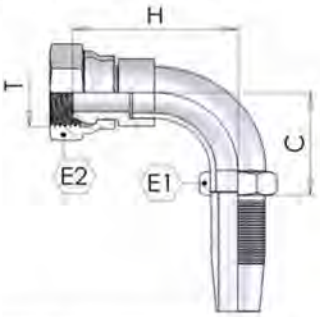
BSP 90° Swept Elbow 60° Cone Rolled Nut



hose I.D.		Dimension					
		dash	Thread	hex		drop	cut-off
in	mm	size	T	E1	E2	H	C
3/16	4,8	03	1/8	12	14	27	27
3/16	4,8	03	1/4	12	17	28	27
1/4	6,4	04	1/4	14	17	30	30
1/4	6,4	04	3/8	14	22	34	22
5/16	7,9	05	1/4	14	17	33	22
5/16	7,9	05	3/8	14	22	34	24
3/8	9,5	06	3/8	17	22	37	37
3/8	9,5	06	1/2	18	27	41	30
1/2	12,7	08	1/2	20	27	44	41
5/8	15,9	10	5/8	24	30	46	36
5/8	15,9	10	3/4	24	32	50	40
3/4	19	12	3/4	27	32	51	42
3/4	19	12	1	27	38	53	48
1	25,4	16	1	32	38	65	50
1	25,4	16	1.1/4	32	50	63	50
1.1/4	31,8	20	1.1/4	45	50	69	55
1.1/2	38,1	24	1.1/2	50	55	90	73

00R02 Curva Metrica 90° cono 60°

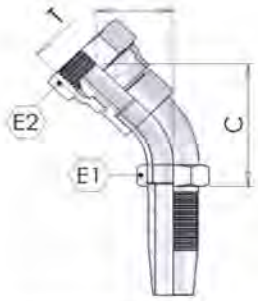
90° Metric Swept Elbow 60° cone



hose I.D.		Dimension					
		dash	Thread	hex		drop	cut-off
in	mm	size	T	E1	E2	H	C
3/16	4,8	03	M10-1	12	14	27	27
1/4	6,4	04	M12-1,5	14	17	30	30
1/4	6,4	04	M14-1,5	14	22	34	22
1/4	6,4	04	M16-1,5	14	22	34	22
5/16	7,9	05	M14-1,5	14	17	33	22
5/16	7,9	05	M16-1,5	14	22	34	24
3/8	9,5	06	M16-1,5	17	22	37	37
3/8	9,5	06	M18-1,5	18	27	41	30
3/8	9,5	06	M22-1,5	18	27	41	30
1/2	12,7	08	M18-1,5	20	27	44	41
1/2	12,7	08	M22-1,5	20	27	44	41
5/8	15,9	10	M26-1,5	24	32	50	40
3/4	19	12	M26-1,5	27	32	51	42

51R02 Curva BSP 45° cono 60° Dado Rullato

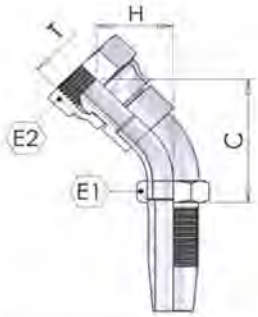
BSP 45° Swept Elbow 60° Cone Rolled Nut



hose I.D.		Dimension					
		dash	Thread	hex		drop	cut-off
in	mm	size	T	E1	E2	H	C
3/16	4,8	03	1/8	12	14	18	42
3/16	4,8	03	1/4	12	17	18	42
1/4	6,4	04	1/4	14	17	19	36
5/16	7,9	05	3/8	17	22	21	42
3/8	9,5	06	3/8	17	22	21	42
3/8	9,5	06	1/2	17	27	28	42
1/2	12,7	08	1/2	20	27	28	42
5/8	15,9	10	5/8	24	30	32	53
5/8	15,9	10	3/4	24	32	32	54
3/4	19	12	3/4	27	32	35	60
3/4	19	12	1	27	38	38	65
1	25,4	16	1	32	38	42	74
1.1/4	31,8	20	1.1/4	45	50	48	82
1.1/2	38,1	24	1.1/2	50	55	55	88

00R03 Curva Metrica 45° cono 60°

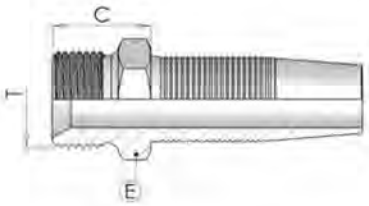
45° Metric Swept Elbow 60° cone



hose I.D.		Dimension					
		dash	Thread	hex		drop	cut-off
in	mm	size	T	E1	E2	H	C
3/16	4,8	03	M10-1	12	14	18	42
1/4	6,4	04	M12-1,5	14	17	19	36
1/4	6,4	04	M14-1,5	14	17	19	36
5/16	7,9	05	M16-1,5	17	22	21	42
3/8	9,5	06	M16-1,5	17	22	21	42
3/8	9,5	06	M18-1,5	17	22	21	42
3/8	9,5	06	M22-1,5	17	27	28	42
1/2	12,7	08	M22-1,5	20	27	28	42
5/8	15,9	10	M26-1,5	24	32	28	54
3/4	19	12	M26-1,5	17	32	35	60

50R03 Maschio BSP svas. 60°

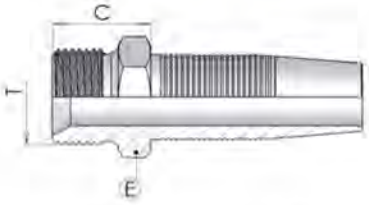
BSP Male Parallel 60° cone



hose I.D.		Dimension			
		dash	Thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/8	14	16
1/4	6,4	04	1/4	17	17
1/4	6,4	04	3/8	19	21
5/16	7,9	05	3/8	22	22
3/8	9,5	06	3/8	22	22
3/8	9,5	06	1/2	27	23
1/2	12,7	08	1/2	27	23
5/8	15,9	10	5/8	30	24
5/8	15,9	10	3/4	32	26
3/4	19	12	3/4	32	26
3/4	19	12	1	38	30
1	25,4	16	1	38	30

00R04 Maschio Metrico Svas.60°

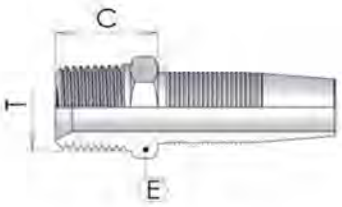
Metric Male 60° cone



hose I.D.		Dimension			
		dash	Thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	M10-1	14	16
1/4	6,4	04	M14-1,5	17	17
5/16	7,9	05	M16-1,5	22	22
3/8	9,5	06	M16-1,5	22	22
3/8	9,5	06	M18-1,5	24	23
1/2	12,7	08	M22-1,5	27	24
5/8	15,9	10	M26-1,5	32	26

60R03 Maschio BSPT svas. 60°

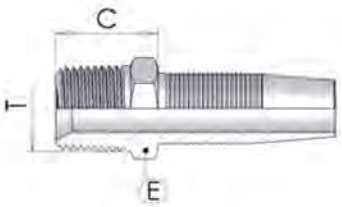
BSP Taper Male 60° cone



hose I.D.		Dimension			
		dash	Thread	hex	cut-off
in	mm	size	T	E	C
3/16	4,8	03	1/8	14	16
1/4	6,4	04	1/4	7	16
5/16	7,9	05	3/8	19	23
3/8	9,5	06	3/8	19	23
3/8	9,5	06	1/2	22	26
1/2	12,7	08	1/2	24	27
5/8	15,9	10	3/4	30	30
3/4	19	12	3/4	30	30
1	25,4	16	1	36	35
1.1/4	31,8	20	1.1/4	45	38
1.1/2	38,1	24	1.1/2	50	39

70R03 Maschio NPTF svas. 60°

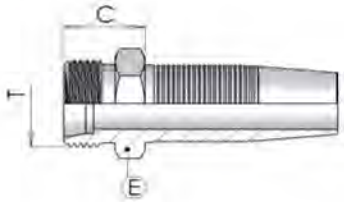
NPTF Male 60° cone



hose I.D.		Dimension			
		dash	Thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4	17	16
5/16	7,9	05	1/4	17	18
3/8	9,5	06	3/8	19	23
3/8	9,5	06	1/2	22	26
1/2	12,7	08	1/2	24	27
5/8	15,9	10	3/4	30	30
3/4	19	12	3/4	30	30
7/8	22,2	14	1	30	32

50R04 Maschio Metrico svas. 24° Serie Pesante

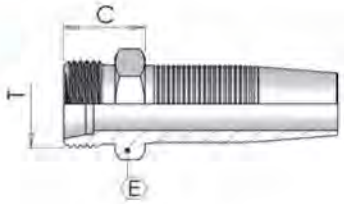
Metric Male 24° Seat Heavy



hose I.D.		Dimension				
		dash	Thread	*Erm*	hex	cut-off
in	mm	size	T		E	C
1/4	6,4	04	M18-1,5	10	19	19
3/8	9,5	06	M22-1,5	14	22	22
1/2	12,7	08	M24-1,5	16	24	23

00R05 Maschio Metrico svas. 24° Serie Leggera

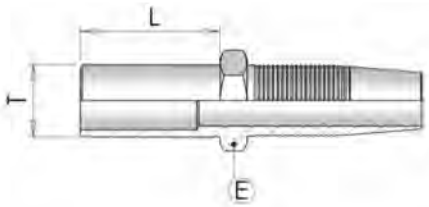
Metric Male 24° Seat Light



hose I.D.		Dimension				
		dash	Thread	*Erm*	hex	cut-off
in	mm	size	T		E	C
1/4	6,4	04	M14-1,5	8	17	18
5/16	7,9	05	M16-1,5	10	17	20
3/8	9,5	06	M18-1,5	12	19	21
1/2	12,7	08	M22-1,5	15	24	23

50R05 Femmina Metrica Tubolare Diritta

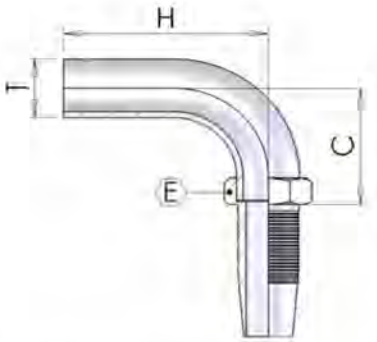
Metric Standpipe



hose I.D.		Dimension				
		dash	Pipe	type	hex	
in	mm	size	T		E	L
3/16	4,8	03	4	L	10	5
3/16	4,8	03	6	L	12	5
3/16	4,8	03	8	S	12	7
1/4	6,4	04	6	L-S	12	7
1/4	6,4	04	8	L-S	12	7
1/4	6,4	04	10	L-S	12	7
1/4	6,4	04	12	L-S	14	7
5/16	7,9	05	8	L-S	14	8
5/16	7,9	05	10	L-S	14	8
5/16	7,9	05	12	L-S	14	8
3/8	9,5	06	10	L-S	17	8
3/8	9,5	06	12	L-S	17	8
3/8	9,5	06	14	S	17	8
3/8	9,5	06	15	L	17	8
1/2	12,7	08	15	L	19	9
1/2	12,7	08	16	S	19	9
1/2	12,7	08	18	L	19	9
5/8	15,9	10	18	L	22	9
5/8	15,9	10	20	S	22	9
3/4	19	12	20	S	27	10
3/4	19	12	22	L	27	10
3/4	19	12	25	S	27	10
1	25,4	16	28	L	32	12
1	25,4	16	30	S	32	12

50R06 Femm. Metrica Tubolare 90°

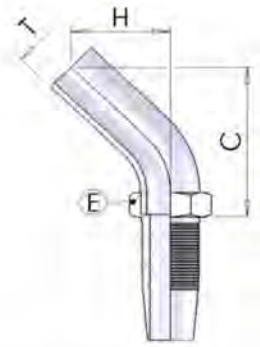
90° Metric Standpipe



hose I.D.		Dimension					
		dash	Pipe	*type*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/16	4,8	03	4	L	12	30	21
3/16	4,8	03	6	L	12	34	22
3/16	4,8	03	8	S	12	37	23
1/4	6,4	04	6	L-S	12	37	23
1/4	6,4	04	8	L-S	14	38	25
1/4	6,4	04	10	L-S	14	41	24
1/4	6,4	04	12	L-S	17	45	34
5/16	7,9	05	8	L-S	14	37	24
5/16	7,9	05	10	L-S	14	41	26
5/16	7,9	05	12	L-S	17	46	28
3/8	9,5	06	10	L-S	17	46	25
3/8	9,5	06	12	L-S	17	43	29
3/8	9,5	06	14	S	19	53	35
3/8	9,5	06	15	L	19	43	33
1/2	12,7	08	15	L	20	55	37
1/2	12,7	08	16	S	20	55	37
1/2	12,7	08	18	L	22	58	41
5/8	15,9	10	18	L	24	60	41
5/8	15,9	10	20	S	24	65	42
3/4	19	12	20	S	27	65	42
3/4	19	12	22	L	27	67	48
3/4	19	12	25	S	30	74	53
1	25,4	16	28	L	32	76	55

50R07 Femm. Metrica Tubolare 45°

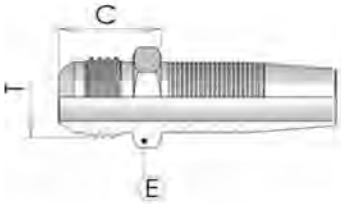
45° Metric Standpipe



hose I.D.		Dimension					
		dash	Pipe	*type*	hex	drop	cut-off
in	mm	size	T		E	H	C
3/16	4,8	03	4	L	12	19	36
3/16	4,8	03	6	L	12	19	36
1/4	6,4	04	6	L-S	12	21	38
1/4	6,4	04	8	L-S	14	22	42
1/4	6,4	04	10	L-S	14	22	44
5/16	7,9	05	10	L-S	14	23	44
5/16	7,9	05	12	L-S	17	24	45
3/8	9,5	06	12	L-S	19	28	50
3/8	9,5	06	14	S	19	28	55
1/2	12,7	08	15	L	19	28	55
1/2	12,7	08	16	S	24	28	56
5/8	15,9	10	18	L	27	30	60
5/8	15,9	10	20	S	27	33	64
3/4	19	12	22	L	32	35	68
3/4	19	12	25	L	32	37	72

50R08 Maschio JIC cono 74°

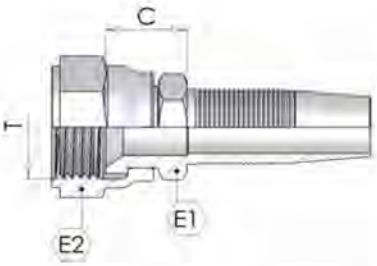
JIC Male 74° cone



hose I.D.		Dimension			
		dash	Thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/2-20	14	17
5/16	7,9	05	9/16-18	17	23
3/8	9,5	06	3/4-16	19	25
1/2	12,7	08	7/8-14	24	28

01R09 Femmina JIC svas. 74°

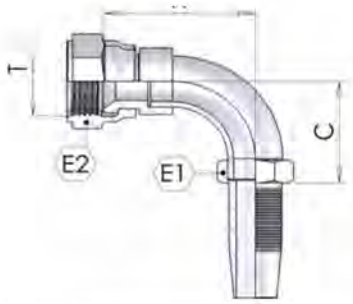
JIC Female 74° cone



hose I.D.		Dimension				
		dash	Thread	hex		cut-off
in	mm	size	T	E1	E2	C
3/16	4,8	03	7/16-20	14	15	14
3/16	4,8	03	1/2-20	14	17	15
1/4	6,4	04	7/16-20	14	18	14
1/4	6,4	04	1/2-20	17	17	15
1/4	6,4	04	9/16-18	17	19	16
5/16	7,9	05	9/16-18	19	19	16
3/8	9,5	06	9/16-18	19	19	16
3/8	9,5	06	3/4-16	22	24	17
1/2	12,7	08	3/4-16	24	24	18
1/2	12,7	08	7/8-14	27	27	20
5/8	15,9	10	7/8-14	27	27	20
5/8	15,9	10	1.1/16-12	30	32	22
3/4	19	12	1.1/16-12	32	32	22
1	25,4	16	1.5/16-12	38	38	25

51R09 Curva JIC 90° svas. 74°

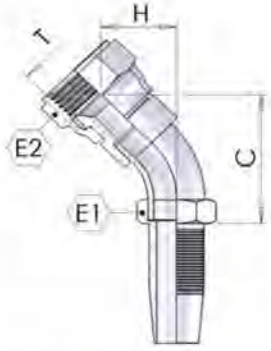
JIC 90° Swept Elbow 74° cone



hose I.D.		Dimension					
		dash	Thread	hex		drop	cut-off
in	mm	size	T	E1	E2	H	C
3/16	4,8	03	7/16-20	12	15	25	22
3/16	4,8	03	1/2-20	12	17	25	24
1/4	6,4	04	7/16-20	14	15	27	22
1/4	6,4	04	1/2-20	14	17	28	27
1/4	6,4	04	9/16-18	14	19	29	25
5/16	7,9	05	9/16-18	14	19	29	25
3/8	9,5	06	9/16-18	17	19	31	26
3/8	9,5	06	3/4-16	17	24	35	30
1/2	12,7	08	3/4-16	20	24	38	32
1/2	12,7	08	7/8-14	20	27	56	38
5/8	15,9	10	1.1/16-12	24	32	52	39
3/4	19	12	1.1/16-12	27	32	53	41
1	25,4	16	1.5/16-12	32	38	62	52

01R10 Curva JIC 45° svas. 74°

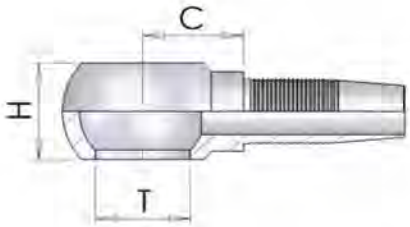
JIC 45° Swept Elbow 74° Cone



hose I.D.		Dimension					
		dash	Thread	hex		drop	cut-off
in	mm	size	T	E1	E2	H	C
3/16	4,8	03	7/16-20	12	15	21	40
1/4	6,4	04	7/16-20	14	15	27	40
1/4	6,4	04	1/2-20	14	17	22	42
1/4	6,4	04	9/16-18	14	19	25	47
5/16	7,9	05	9/16-18	14	19	22	47
3/8	9,5	06	3/4-16	17	24	30	51
1/2	12,7	08	7/8-14	20	27	30	55
5/8	15,9	10	1.1/16-12	24	32	34	64
3/4	19	12	1.1/16-12	27	32	34	66
1	25,4	16	1.5/16-12	32	38	35	70

00R14 Occhio a Pressare BSP

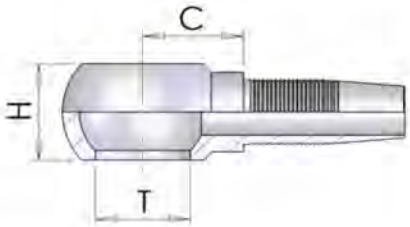
BSP Banjo



hose I.D.		Dimension			
		dash	Hole		cut-off
in	mm	size	T	H	C
3/16	4,8	03	1/8	11	17
3/16	4,8	03	1/4	14	22
1/4	6,4	04	1/8	11	20
1/4	6,4	04	1/4	14	22
1/4	6,4	04	3/8	17	26
5/16	7,9	05	3/8	17	26
3/8	9,5	06	3/8	17	26
3/8	9,5	06	1/2	22	30
1/2	12,7	08	1/2	22	30
5/8	15,9	10	3/4	28	38
3/4	19	12	3/4	28	38

50R13 Occhio a Pressare Metrico

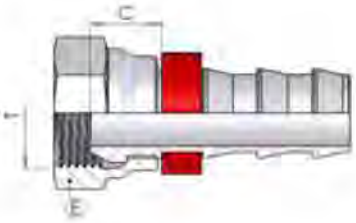
Metric Banjo



hose I.D.		Dimension			
		dash	Hole		cut-off
in	mm	size	T	H	C
3/16	4,8	03	M10	11	17
1/4	6,4	04	M10	11	20
1/4	6,4	04	M12	12	21
1/4	6,4	04	M14	15	22
5/16	7,9	05	M16	17	26
5/16	7,9	05	M18	20	26
3/8	9,5	06	M18	20	26
3/8	9,5	06	M20	22	30
1/2	12,7	08	M18	20	26

50P0 Femmina BSP cono 60° - UniLock

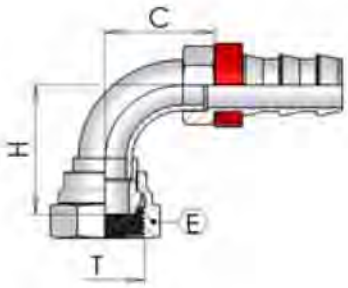
BSP Female 60° cone - UniLock



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	17	10
3/8	9,5	06	3/8-19	19	10
1/2	12,7	08	1/2-14	27	13
3/4	19	12	3/4-14	32	16
1	25,4	16	1-11	38	15

50P1 Curva 90° BSP cono 60° - UniLock

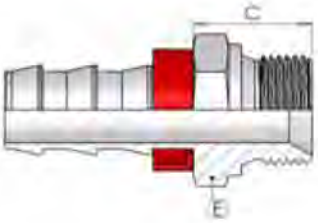
BSP 90° Swept elbow 60° cone - UniLock



hose I.D.		Dimension				
		dash	thread	hex	drop	cut-off
in	mm	size	T	E	H	C
1/4	6,4	04	1/4-19	17	26	20
3/8	9,5	06	3/8-19	19	28	21
1/2	12,7	08	1/2-14	27	35	26
3/4	19	12	3/4-14	32	46	37
1	25,4	16	1-11	38	55	44

50P3 Maschio BSP svas. 60° - UniLock

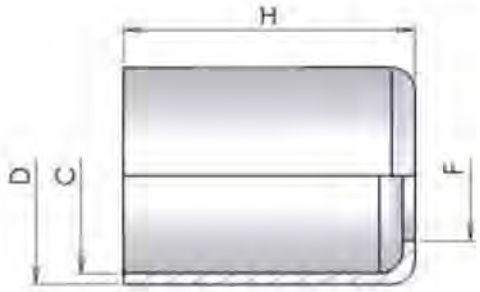
BSP Male Parallel 60° cone - UniLock



hose I.D.		Dimension			
		dash	thread	hex	cut-off
in	mm	size	T	E	C
1/4	6,4	04	1/4-19	19	20
3/8	9,5	06	3/8-19	22	22
1/2	12,7	08	1/2-14	27	25
3/4	19	12	3/4-14	32	27
1	25,4	16	1-11	41	30

Boccola in Alluminio

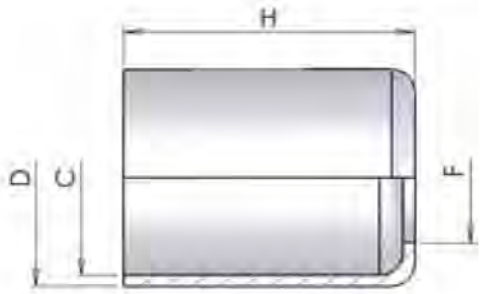
Aluminium ferrule



Dimensions				
D	C	F	H	
13	11	8	19	
14	12	8	20	
15	13	9	21	
16	14	9	21	
17	15	11	23	
18	16	12	23	
19	17	12	23	
20	18	12	25	
21	19	15	25	
22	20	15	28	
23	21	15	28	
24	22	15	30	
25	23	15	30	
26	24	15	35	
28	26	20	35	
29	27	20	35	
30	28	20	35	
32	30	21	35	
34	32	26	35	
36	34	27	38	
38	36	29	40	
40	38	29	40	
45	42	32	40	

Boccola in Acciaio

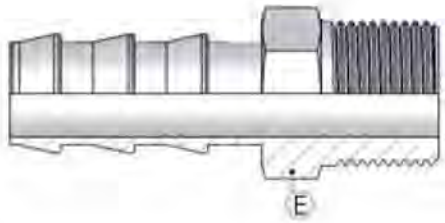
Steel ferrule



Dimensions				
D	C	F	H	
24	21	16	31	
25	22	16	31	
27	24	18	31	
30	27	20	34	
32	29	21	35	
35	32	22	36	
38	35	27	36	
40	37	28	38	
42	39	29	40	
45	42	30	42	
50	46	34	46	
52	48	35	46	
55	51	42	48	
60	56	43	50	
65	61	44	51	
70	65	53	54	
75	70	55	56	
82	77	65	64	
85	80	68	64	
90	85	66	63	
100	95	79	68	
105	100	84	76	

45B03 Maschio BSP - Sede Piana

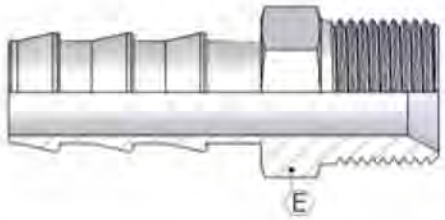
BSP Male - Flat Seat



hose I.D.		Dimensions			
		DN	thread	hex	
in	mm		T	E	
1/4	6,4	06	1/8	14	
1/4	6,4	06	1/4	14	
5/16	7,9	08	1/4	14	
5/16	7,9	08	3/8	17	
3/8	9,5	10	1/4	17	
3/8	9,5	10	3/8	17	
3/8	9,5	10	1/2	22	
1/2	12,7	13	3/8	19	
1/2	12,7	13	1/2	22	
5/8	15,9	16	3/8	19	
5/8	15,9	16	1/2	22	
5/8	15,9	16	3/4	27	
3/4	19	19	1/2	24	
3/4	19	19	3/4	29	
3/4	19	19	1	34	
1	25,4	25	3/4	30	
1	25,4	25	1	43	
1.1/4	31,8	32	3/4	34	
1.1/4	31,8	32	1	36	
1.1/4	31,8	32	1.1/4	42	
1.1/2	38,1	38	1.1/4	42	
1.1/2	38,1	38	1.1/2	50	
2	50,8	50	2	60	
2.1/2	63,5	70	2.1/2	75	

50B03 Maschio BSP svas. 60°

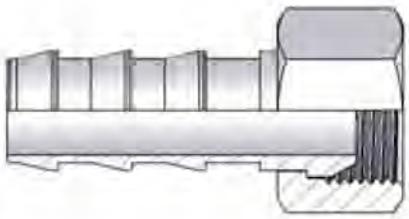
BSP Male Parallel 60° cone



hose I.D.		Dimensions			
		DN	thread	hex	
in	mm		T	E	
1/4	6,4	06	1/8	14	
1/4	6,4	06	1/4	19	
5/16	7,9	08	1/4	19	
3/8	9,5	10	1/4	19	
3/8	9,5	10	3/8	22	

51B00 Femmina BSP cono 60°

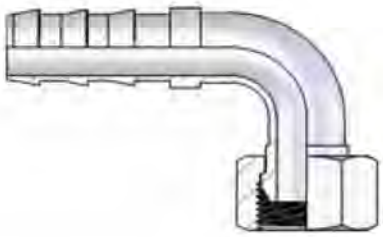
BSP Female 60° cone



hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
3/16	4,8	05	1/8		
1/4	6,4	06	1/8		
1/4	6,4	06	1/4		
5/16	7,9	08	1/4		
5/16	7,9	08	3/8		
3/8	9,5	10	3/8		
3/8	9,5	10	1/2		
1/2	12,7	13	3/8		
1/2	12,7	13	1/2		
5/8	15,9	16	1/2		
5/8	15,9	16	3/4		
3/4	19	19	3/4		
3/4	19	19	1		
1	25,4	25	1		
1.1/4	31,8	32	1.1/4		
1.1/4	31,8	32	1.1/2		
1.1/2	38,1	38	1.1/2		
2	50,8	50	2		
2.1/2	63,5	60	2.1/2		
3	76,2	70	3		

51B01 Curva 90° BSP cono 60°

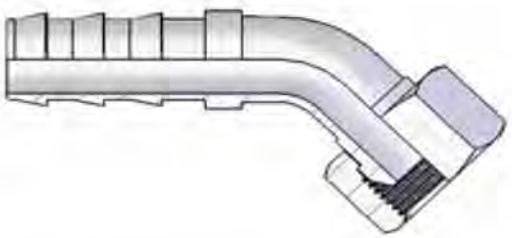
BSP 90° Swept elbow 60° cone



hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
1/4	6,4	06	1/4		
5/16	7,9	08	1/4		
5/16	7,9	08	3/8		
3/8	9,5	10	3/8		
3/8	9,5	10	1/2		
1/2	12,7	13	3/8		
1/2	12,7	13	1/2		
1/2	12,7	13	3/4		
5/8	15,9	16	1/2		
5/8	15,9	16	3/4		
3/4	19	19	3/4		
3/4	19	19	1		
1	25,4	25	3/4		
1	25,4	25	1		
1	25,4	25	1.1/4		
1.1/4	31,8	32	1.1/4		
1.1/2	38,1	38	1.1/2		
2	50,8	50	2		
2.1/2	63,5	60	2.1/2		

51B02 Curva 45° BSP cono 60°

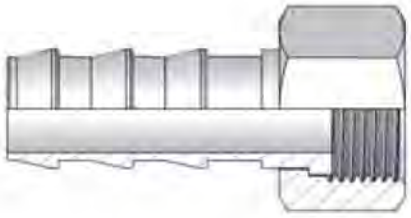
BSP 45° Swept elbow 60° cone



hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
1/4	6,4	06	1/4		
5/16	7,9	08	3/8		
3/8	9,5	10	3/8		
3/8	9,5	10	1/2		
1/2	12,7	13	3/8		
1/2	12,7	13	1/2		
5/8	15,9	16	3/4		
3/4	19	19	3/4		
3/4	19	19	1		
1	25,4	25	1		
1.1/4	31,8	32	1.1/4		
1.1/2	38,1	38	1.1/2		
2	50,8	50	2		

60B00 Femmina BSP Sede Piana

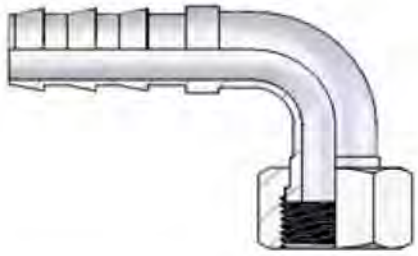
BSP Female Flat Seal



hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
1/4	6,4	06	1/4		
5/16	7,9	08	1/4		
5/16	7,9	08	3/8		
3/8	9,5	10	3/8		
3/8	9,5	10	1/2		
1/2	12,7	13	1/2		
5/8	15,9	16	3/4		
3/4	19	19	3/4		
3/4	19	19	1		
1	25,4	25	1		
1.1/4	31,8	32	1.1/4		
1.1/2	38,1	38	1.1/2		
2	50,8	50	2		

60B01 Curva 90° BSP Sede Piana

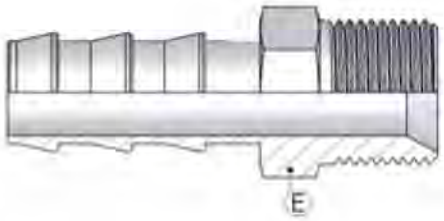
BSP 90° Swept elbow flat seat



hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
1/2	12,7	13	1/2		
1/2	12,7	13	3/4		
3/4	19	19	3/4		
3/4	19	19	1		

00B04 Maschio Metrico Svas.60°

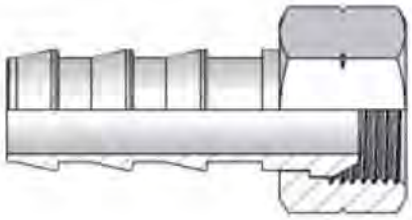
Metric Male 60° cone



hose I.D.		Dimensions			
		DN	thread	hex	
in	mm		T	E	
1/4	6,4	06	M14-1,5	19	
5/16	7,9	08	M14-1,5	19	
3/8	9,5	10	M14-1,5	19	

00B01 Femmina Metrica Cono 60°

Metric Female 60° cone



hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
3/16	4,8	05	M10-1		
3/16	4,8	05	M12-1,5		
1/4	6,4	06	M12-1,5		
1/4	6,4	06	M14-1,5		
5/16	7,9	08	M14-1,5		
5/16	7,9	08	M16-1,5		
3/8	9,5	10	M18-1,5		
1/2	12,7	13	M18-1,5		
1/2	12,7	13	M22-1,5		
5/8	15,9	16	M22-1,5		
5/8	15,9	16	M26-1,5		
3/4	19	19	M26-1,5		

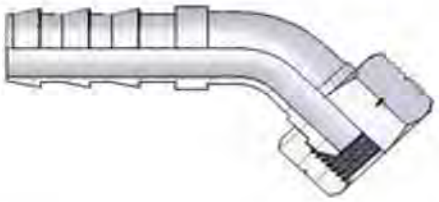
00B02 Curva Metrica 90° cono 60°

90° Metric Swept Elbow 60° cone

hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
1/4	6,4	06	M14-1,5		
5/16	7,9	08	M16-1,5		
3/8	9,5	10	M18-1,5		
1/2	12,7	13	M22-1,5		
5/8	15,9	16	M26-1,5		
3/4	19	19	M26-1,5		

00B03 Curva Metrica 45° cono 60°

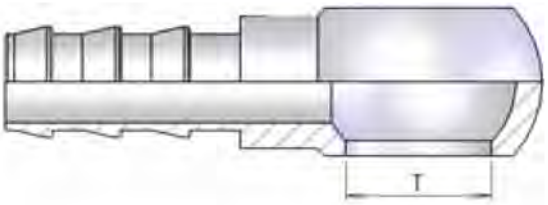
45° Metric Swept Elbow 60° cone



hose I.D.		Dimensions			
		DN	thread		
in	mm		T		
1/4	6,4	06	M14-1,5		
5/16	7,9	08	M16-1,5		
3/8	9,5	10	M18-1,5		
1/2	12,7	13	M18-1,5		
1/2	12,7	13	M22-1,5		
5/8	15,9	16	M26-1,5		
3/4	19	19	M26-1,5		

50B13 Occhio a Pressare Metrico

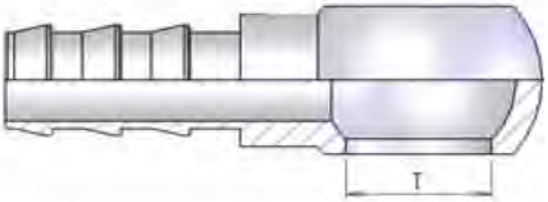
Metric Banjo



hose I.D.		Dimensions			
		DN	hole		
in	mm		T		
1/4	6,4	06	M10-1		
1/4	6,4	06	M12-1,5		
1/4	6,4	06	M14-1,5		
5/16	7,9	08	M12-1,5		
5/16	7,9	08	M14-1,5		
5/16	7,9	08	M16-1,5		
3/8	9,5	10	M16-1,5		
3/8	9,5	10	M18-1,5		
1/2	12,7	13	M18-1,5		
1/2	12,7	13	M22-1,5		
5/8	15,9	16	M18-1,5		

00B14 Occhio a Pressare BSP

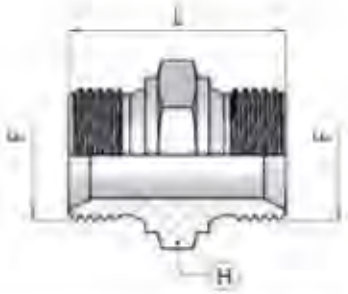
BSP Banjo



hose I.D.		Dimensions			
		DN	hole		
in	mm		T		
1/4	6,4	06	1/4		
5/16	7,9	08	1/4		
5/16	7,9	08	3/8		
3/8	9,5	10	1/4		
3/8	9,5	10	3/8		
1/2	12,7	13	3/8		
1/2	12,7	13	1/2		
5/8	15,9	16	3/8		
5/8	15,9	16	1/2		
5/8	15,9	16	3/4		
3/4	19	19	3/4		
1	25,4	25	3/4		
1	25,4	25	1		

0017 Nipplo di giunzione

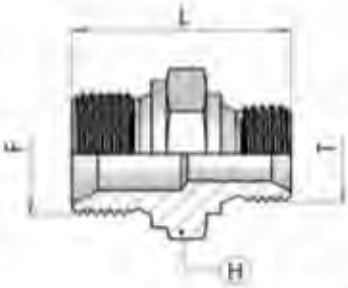
Union



Ø tube		Dimensions			
mm	inch	F	L	H	
6	1/4"	1/8-28	24	14	
8	5/16"	1/4-19	32	19	
10	3/8"	3/8-19	36	22	
12	1/2"	1/2-14	42	27	
16	5/8"	5/8-14	40	30	
20	3/4"	3/4-14	42	32	
25	1"	1-11	52	41	
32	1.1/4"	1.1/4-11	57	50	
38	1.1/2"	1.1/2-11	60	55	
51	2"	2-11	71	70	

0018 Nipplo di riduzione

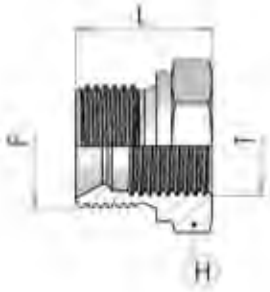
Reducing Niple



Ø tube		Dimensions				
mm	inch	F	T	L	H	
6	1/4"	1/4-19	1/8-28	29	19	
6	1/4"	3/8-19	1/8-28	30	22	
8	5/16"	3/8-19	1/4-19	34	22	
8	5/16"	1/2-14	1/4-19	35	27	
10	3/8"	1/2-14	3/8-19	40	27	
12	1/2"	5/8-14	1/2-14	44	30	
8	5/16"	3/4-14	1/4-19	41	32	
10	3/8"	3/4-14	3/8-19	42	32	
12	1/2"	3/4-14	1/2-14	44	32	
16	5/8"	3/4-14	5/8-14	46	32	
10	3/8"	1-11	3/8-19	45	38	
12	1/2"	1-11	1/2-14	47	41	
20	3/4"	1-11	3/4-14	49	41	
20	3/4"	1.1/4-11	3/4-14	52	50	
25	1"	1.1/4-11	1-11	55	50	
20	3/4"	1.1/2-11	3/4-14	54	55	
25	1"	1.1/2-11	1-11	58	55	
32	1.1/4"	1.1/2-11	1.1/4-11	58	55	
25	1"	2-11	1-11	64	70	
32	1.1/4"	2-11	1.1/4-11	66	70	
38	1.1/2"	2-11	1.1/2-11	68	70	

05R6 Riduzione Corta maschio/femm.

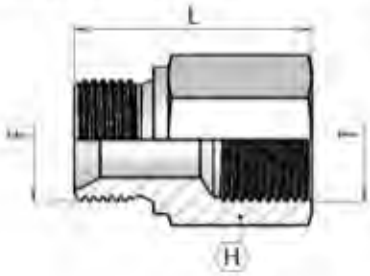
Short Male-Female reducing



Ø tube		Dimensions				
mm	inch	F	T	L	H	
6	1/4"	1/4"-19	1/8"-28	23	19	
6	1/4"	3/8"-14	1/8"-28	22	22	
8	5/16"	3/8-19	1/4-19	27	22	
8	5/16"	1/2-14	1/4-19	25	27	
10	3/8"	1/2-14	3/8-19	29	27	
8	5/16"	3/4"-14	1/4"-19	27	32	
10	3/8"	3/4-14	3/8-19	27	32	
12	1/2"	3/4-14	1/2-14	27	32	
10	3/8"	1-11	3/8-19	30	41	
12	1/2"	1-11	1/2-14	30	41	
20	3/4"	1-11	3/4-14	30	41	
20	3/4"	1.1/4-11	3/4-14	34	50	
25	1"	1.1/4-11	1-11	34	50	
25	1"	1.1/2-11	1-11	35	55	
32	1.1/4"	1.1/2-11	1.1/4-11	39	55	
32	1.1/4"	2-11	1.1/4-11	43	70	
38	1.1/2"	2-11	1.1/2-11	43	70	

0020 Colonnetta M/F

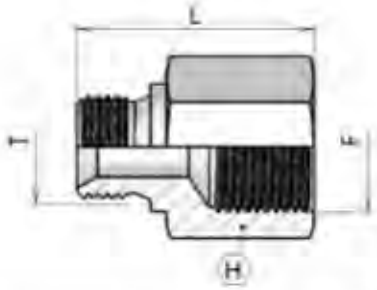
Male/female connector



Ø tube		Dimensions				
mm	inch	F	T	L	H	
8	5/16"	1/4-19	1/4-19	33	19	
8	5/16"	1/4-19	1/4-19	42	19	
8	5/16"	1/4-19	1/4-19	55	19	
10	3/8"	3/8-19	3/8-19	35	22	
10	3/8"	3/8-19	3/8-19	54	22	
10	3/8"	3/8-19	3/8-19	65	22	
12	1/2"	1/2-14	1/2-14	45	27	
12	1/2"	1/2-14	1/2-14	60	27	
12	1/2"	1/2-14	1/2-14	80	27	
12	1/2"	1/2-14	1/2-14	64	27	
20	3/4"	3/4-14	3/4-14	48	32	
20	3/4"	3/4-14	3/4-14	64	32	
20	3/4"	3/4-14	3/4-14	75	32	
25	1"	1-11	1-11	50	41	
25	1"	1-11	1-11	90	41	
32	1.1/4"	1.1/4-11	1.1/4-11	62	50	

1020 Riduzione femm./maschio

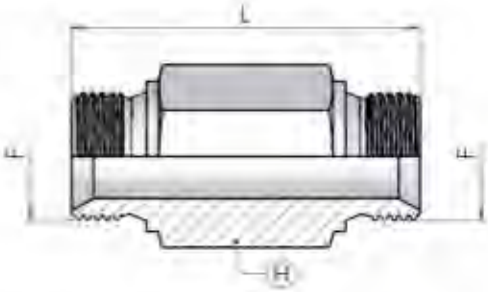
Female-Male reducing



Ø tube		Dimensions				
mm	inch	F	T	L	H	
8	5/16"	1/8-28	1/4-19	28	19	
6	1/4"	1/4-19	1/8-28	29	19	
10	3/8"	1/4-19	3/8-19	35	22	
12	1/2"	1/4-19	1/2-14	36	27	
8	5/16"	3/8-19	1/4-19	33	22	
12	1/2"	3/8-19	1/2-14	37	27	
8	5/16"	1/2-14	1/4-19	37	27	
10	3/8"	1/2-14	3/8-19	39	27	
20	3/4"	1/2-14	3/4-11	38	32	
25	1"	1/2-14	1-11	42	41	
8	5/16"	3/4-11	1/4-19	42	32	
10	3/8"	3/4-11	3/8-19	43	32	
12	1/2"	3/4-11	1/2-14	45	32	
25	1"	3/4-11	1-11	49	41	
12	1/2"	1-11	1/2-14	49	41	
20	3/4"	1-11	3/4-14	50	41	
20	3/4"	1-11	1.1/4-11	51	50	
20	3/4"	1.1/4-11	3/4-11	51	50	
25	1"	1.1/4-11	1-11	53	50	
20	3/4"	1.1/4-11	1.1/2-11	57	55	
25	1"	1.1/2-11	1-11	50	55	
20	3/4"	1.1/2-11	1.1/4-11	52	55	
20	3/4"	2-11	1.1/4-11	68	70	
38	1.1/2"	2-11	1.1/2-11	68	70	

2020 Prolunga M/M

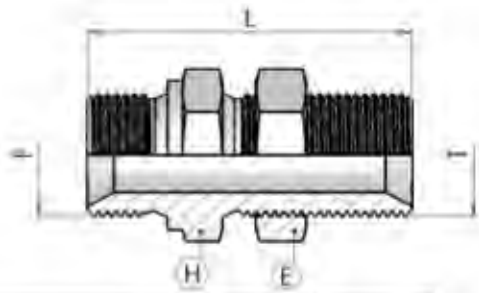
Male/Male Extention



Ø tube		Dimensions		
mm	inch	F	L	H
8	5/16"	1/4-19	45	19
10	3/8"	3/8-19	47	22
12	1/2"	1/2-14	61	27
20	3/4"	3/4-14	73	32
25	1"	1-11	84	41

06A1 Passaparete

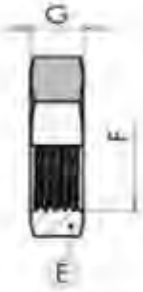
Bulkhead



Ø tube		Dimensions					
mm	inch	F	T	L	H	E	
6	1/4"	1/8-28	1/8-28	35	14	14	
8	5/16"	1/4-19	1/4-19	46	19	19	
10	3/8"	3/8-19	3/8-19	54	22	22	
12	1/2"	1/2-14	1/2-14	57	27	27	
16	5/8"	5/8-14	5/8-14	65	30	30	
20	3/4"	3/4-14	3/4-14	65	32	32	
25	1"	1-11	1-11	73	41	41	
32	1.1/4"	2-11	2-11	79	50	50	

07A1 Controdado per passaparete

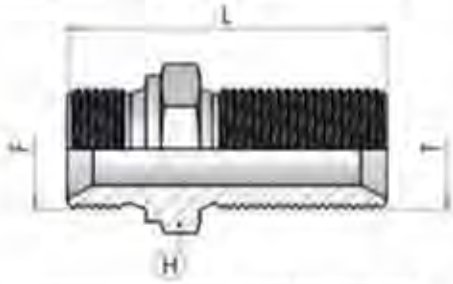
Bulkhead locknut



Ø tube		Dimensions			
mm	inch	F		G	E
6	1/4"	1/8-28		5	14
8	5/16"	1/4-19		7	19
10	3/8"	3/8-19		8	22
12	1/2"	1/2-14		9	27
16	5/8"	5/8-14		9	30
20	3/4"	3/4-14		10	32
25	1"	1-11		11	41
32	1.1/4"	2-11		13	50

08A1 Nipplo per Passaparete

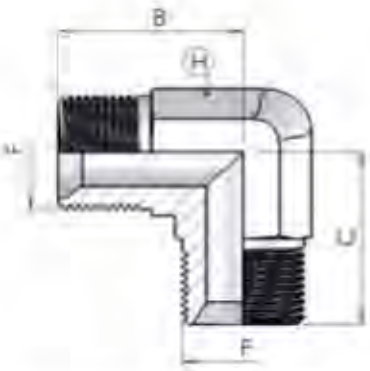
Nipple for Bulkhead



Ø tube		Dimensions			
mm	inch	F	T	L	H
6	1/4"	1/8-28	1/8-28	35	14
8	5/16"	1/4-19	1/4-19	46	19
10	3/8"	3/8-19	3/8-19	54	22
12	1/2"	1/2-14	1/2-14	57	27
16	5/8"	5/8-14	5/8-14	65	30
20	3/4"	3/4-14	3/4-14	65	32
25	1"	1-11	1-11	73	41
32	1.1/4"	2-11	2-11	79	50

2045 Unione 90°

90° Union Elbow



Ø tube		Dimensions				
mm	inch	F	B	C	H	
8	5/16"	1/4-19	26	26	14	
10	3/8"	3/8-19	32	32	19	
12	1/2"	1/2-14	36	36	22	
20	3/4"	3/4-14	40	40	27	
25	1"	1-11	42	42	33	
32	1.1/4"	1.1/4-11	52	52	41	
38	1.1/2"	1.1/2-11	59	59	50	

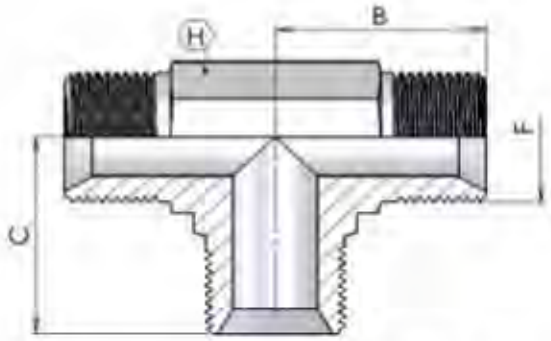
3045 Unione 45°

45° Union Elbow

Ø tube		Dimensions				
mm	inch	F	B	C	H	
8	5/16"	1/4-19	21	21	14	
10	3/8"	3/8-19	25	25	19	
12	1/2"	1/2-14	28	28	22	
20	3/4"	3/4-14	33	33	27	
25	1"	1-11	37	37	33	
32	1.1/4"	1.1/4-11			41	
38	1.1/2"	1.1/2-11			50	

3047 Unione a T

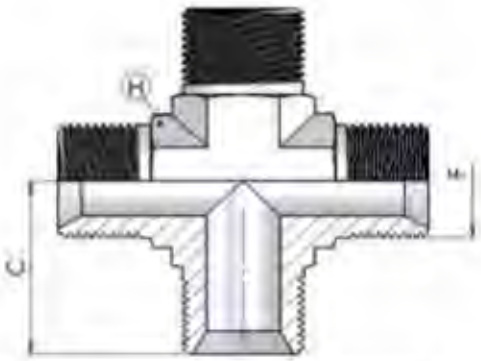
Union Tee



Ø tube		Dimensions				
mm	inch	F	B	C	H	
8	5/16"	1/4-19	27	27	14	
10	3/8"	3/8-19	28	28	19	
12	1/2"	1/2-14	34	34	22	
20	3/4"	3/4-14	40	40	27	
25	1"	1-11	42	42	33	
32	1.1/4"	1.1/4-11	52	52	41	
38	1.1/2"	1.1/2-11	59	59	50	

0049 Unione a croce

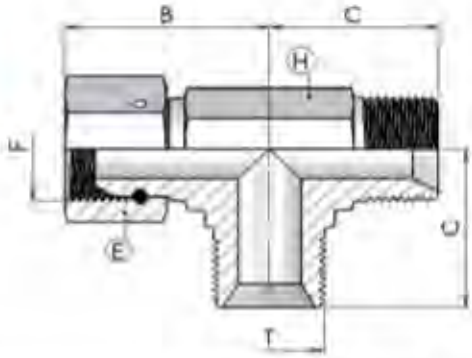
Cross Union



Ø tube		Dimensions			
mm	inch	F	C	H	
8	5/16"	1/4-19	27	14	
10	3/8"	3/8-19	32	19	
12	1/2"	1/2-14	36	22	
20	3/4"	3/4-14	40	27	
25	1"	1-11	50	33	

0047 T con femmina girevole laterale

Female run tee

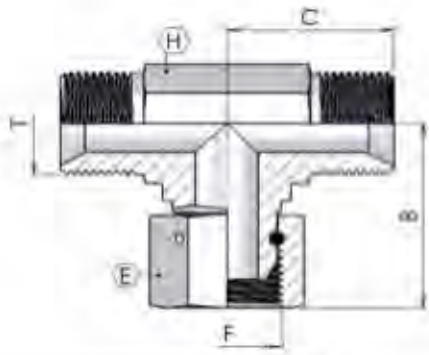


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	32	27	14	19	
10	3/8"	3/8-19	3/8-19	33	28	19	22	
12	1/2"	1/2-14	1/2-14	40	34	22	27	
20	3/4"	3/4-14	3/4-14	48	40	27	32	
25	1"	1-11	1-11	52	42	33	38	
32	1.1/4"	1.1/4-11	1.1/4-11	61	52	41	50	(*)
38	1.1/2"	1.1/2-11	1.1/2-11	61	59	50	55	(*)

1047 T con femmina girevole centrale

Female branch tee

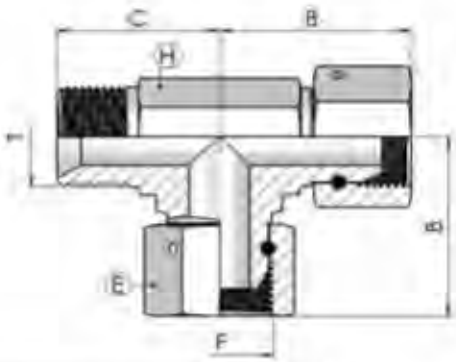


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	32	27	14	19	
10	3/8"	3/8-19	3/8-19	33	28	19	22	
12	1/2"	1/2-14	1/2-14	40	34	22	27	
20	3/4"	3/4-14	3/4-14	48	40	27	32	
25	1"	1-11	1-11	52	42	33	38	
32	1.1/4"	1.1/4-11	1.1/4-11	61	52	41	50	(*)
38	1.1/2"	1.1/2-11	1.1/2-11	61	59	50	55	(*)

0048 T girevole con maschio laterale

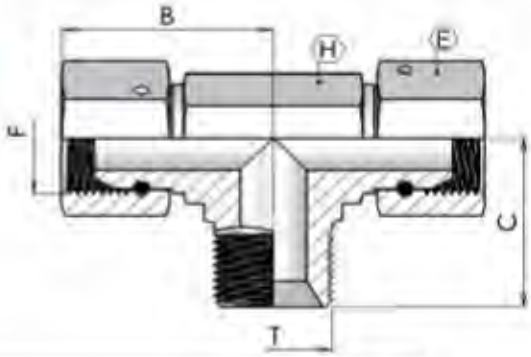
Male Run Tee



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	32	27	14	19	
10	3/8"	3/8-19	3/8-19	34	32	19	22	
12	1/2"	1/2-14	1/2-14	40	34	22	27	
20	3/4"	3/4-14	3/4-14	48	40	27	32	
25	1"	1-11	1-11	52	42	33	38	

1048 T girevole con maschio centrale

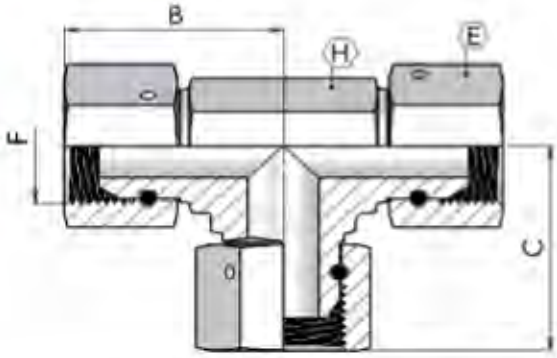
Male Branch Tee



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	32	27	14	19	
10	3/8"	3/8-19	3/8-19	33	28	19	22	
12	1/2"	1/2-14	1/2-14	40	34	22	27	
20	3/4"	3/4-14	3/4-14	48	40	27	32	
25	1"	1-11	1-11	52	42	33	38	

2047 Unione a T - femmina girevole

Swivel Female Union Tee



(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Dimensions					
	F	B	C	H	E	
	1/4-19	32	32	14	19	
	3/8-19	33	33	19	22	
	1/2-14	40	40	22	27	
	3/4-14	48	48	27	32	
	1-11	52	52	33	38	
(*)	1.1/4-11	58	58	41	50	
(*)	1.1/2-11	61	61	50	55	

5023 Nipplo mas./femm. girevole

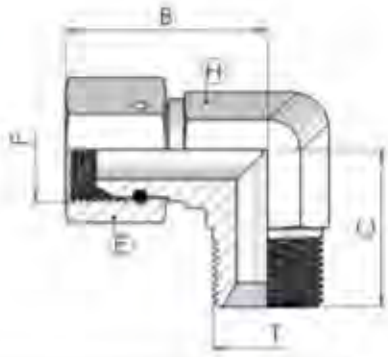
Swivel Connector

(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Ø tube		Dimensions					
	mm	inch	T	F	L	H	E	
	6	1/4"	1/8-28	1/8-28	23	14	14	
	8	5/16"	1/4-19	1/4-19	32	19	19	
	8	5/16"	1/4-19	3/8-19	33	19	22	
	10	3/8"	3/8-19	1/4-19	31	22	19	
	10	3/8"	3/8-19	3/8-19	35	22	22	
	10	3/8"	3/8-19	1/2-19	36	22	27	
	10	3/8"	3/8-19	3/4-14	39	27	32	
	12	1/2"	1/2-14	3/8-19	38	27	22	
	12	1/2"	1/2-14	1/2-14	40	27	27	
	12	1/2"	1/2-14	5/8-14	37	27	30	
	12	1/2"	1/2-14	3/4-14	42	27	32	
	16	5/8"	5/8-14	5/8-14	41	30	30	
	20	3/4"	3/4-14	1/2-14	42	32	27	
	20	3/4"	3/4-14	3/4-14	44	32	32	
	20	3/4"	3/4-14	1-11	44	32	38	
	25	1"	1-11	3/4-19	47	41	32	
	25	1"	1-11	1-11	49	41	38	
(*)	32	1.1/4"	1.1/4-11	1.1/4-11	55	50	50	
(*)	38	1.1/2"	1.1/2-11	1.1/4-11	58	55	50	
(*)	38	1.1/2"	1.1/2-11	1.1/2-11	58	55	55	
(*)	51	2"	2-11	2-11	62	70	70	

0045 Unione 90° mas. /femm. girevole

Swivel 90° Elbow

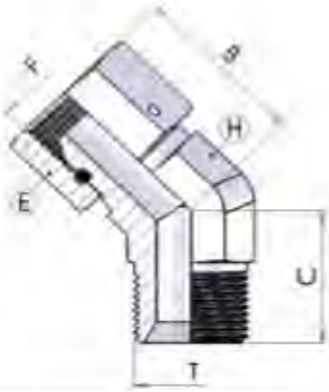


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	31	26	14	19	
10	3/8"	3/8-19	3/8-19	37	32	19	22	
12	1/2"	1/2-14	1/2-14	42	36	22	27	
20	3/4"	3/4-14	3/4-14	48	40	27	32	
25	1"	1-11	1-11	52	42	33	38	
32	1.1/4"	1.1/4-11	1.1/4-11	58	52	41	50	(*)
38	1.1/2"	1.1/2-11	1.1/2-11	61	59	50	55	(*)

1045 Unione 45° mas. /femm. girevole

Swivel 45° Elbow

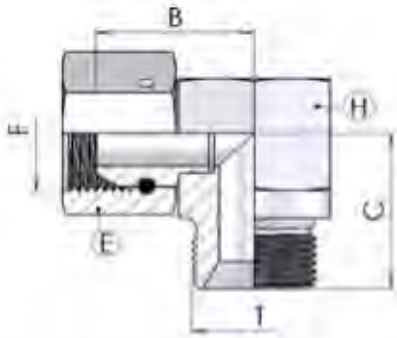


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	26	21	14	19	
10	3/8"	3/8-19	3/8-19	30	25	19	22	
12	1/2"	1/2-14	1/2-14	34	28	22	27	
20	3/4"	3/4-14	3/4-14	41	33	27	32	
25	1"	1-11	1-11	49	39	33	38	
32	1.1/4"	1.1/4-11	1.1/4-11			41	50	(*)
38	1.1/2"	1.1/2-11	1.1/2-11			50	55	(*)

0032 Compatta 90° mas./femm. girevole (saldata)

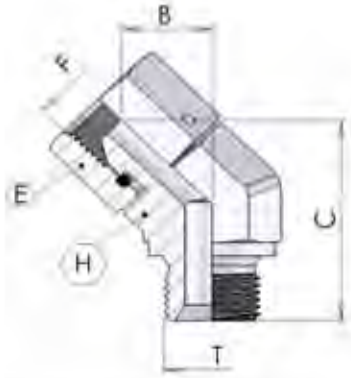
Swivel 90° Elbow (welded)



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8-28	1/8-28	17	16	14	14	
8	5/16"	1/4-19	1/4-19	20	23	19	19	
10	3/8"	3/8-19	3/8-19	24	25	22	22	
12	1/2"	1/2-14	1/2-14	28	31	27	27	
20	3/4"	3/4-14	3/4-14	33	35	32	32	
25	1"	1-11	1-11	39	43	41	38	

2033 Compatta 45° mas. /femm. girevole (Forgiata)

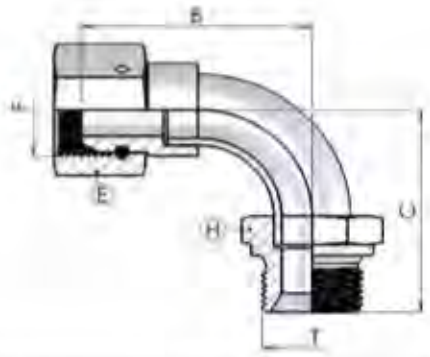
Swivel 45° Elbow (Forged)



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	14	33	19	19	
10	3/8"	3/8-19	3/8-19	16	37	22	22	
12	1/2"	1/2-14	1/2-14	20	45	27	27	
20	3/4"	3/4-14	3/4-14	22	53	32	32	
25	1"	1-11	1-11	27	58	41	38	

2025 Curva 90° mas/femm. Girevole (saldata)

Swivel 90° Elbow (welded)

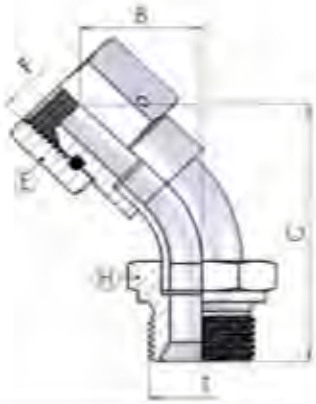


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Ø tube		Dimensions						
	mm	inch	F	T	B	C	H	E	
	8	5/16"	1/4-19	1/4-19	30	32	19	19	
	10	3/8"	3/8-19	3/8-19	37	38	22	22	
	12	1/2"	1/2-14	1/2-14	44	43	27	27	
	20	3/4"	3/4-14	3/4-14	59	62	32	32	
	25	1"	1-11	1-11	66	68	41	38	
(*)	32	1.1/4"	1.1/4-11	1.1/4-11	71	76	50	50	
(*)	38	1.1/2"	1.1/2-11	1.1/2-11	89	93	55	55	
(*)	51	2"	2-11	2-11	113	123	65	70	

5026 Curva 45° mas/femm. Girevole (saldata)

Swivel 45° Elbow (welded)

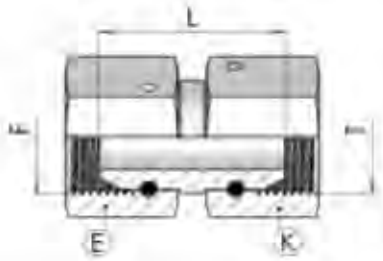


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Ø tube		Dimensions						
	mm	inch	F	T	B	C	H	E	
	8	5/16"	1/4-19	1/4-19	17	44	19	19	
	10	3/8"	3/8-19	3/8-19	20	52	22	22	
	12	1/2"	1/2-14	1/2-14	23	53	27	27	
	20	3/4"	3/4-14	3/4-14	29	73	32	32	
	25	1"	1-11	1-11	35	85	41	38	
(*)	32	1.1/4"	1.1/4-11	1.1/4-11	33	84	50	50	
(*)	38	1.1/2"	1.1/2-11	1.1/2-11	41	103	55	55	
(*)	51	2"	2-11	2-11	53	134	65	70	

5024 Nipplo femmina girevole

Swivel Connector

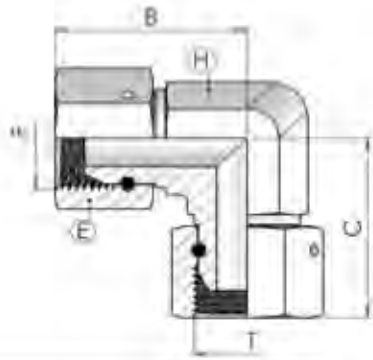


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Dimensions						
	F	T	L	K	E		
	1/4-19	1/4-19	22	19	19		
	3/8-19	3/8-19	29	22	22		
	1/2-14	1/2-14	32	27	27		
	5/8-14	5/8-14	29	30	30		
	3/4-14	3/4-14	37	32	32		
	1-11	1-11	43	38	38		
(*)	1.1/4-11	1.1/4-11	50	50	50		
(*)	1.1/2-11	1.1/2-11	53	55	55		
(*)	2-11	2-11	50	70	70		

5045 Unione 90° femmina girevole

Swivel 90° Elbow

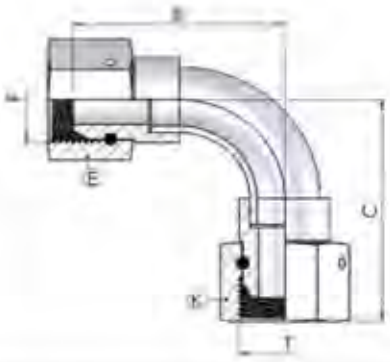


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Dimensions						
	F	T	B	C	H	E	
	1/4-19	1/4-19	31	31	14	19	
	3/8-19	3/8-19	37	37	19	22	
	1/2-14	1/2-14	42	42	22	27	
	3/4-14	3/4-14	48	48	27	32	
	1-11	1-11	52	52	33	38	
(*)	1.1/4-11	1.1/4-11	58	58	41	50	
(*)	1.1/2-11	1.1/2-11	61	61	50	55	

5027 Curva 90° femmina girevole (saldata)

Swivel 90° Elbow (welded)

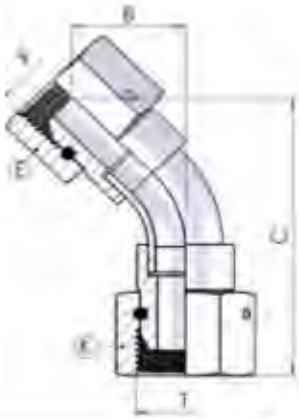


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Dimensions						
	F	T	B	C	K	E	
	1/4-19	1/4-19	30	35	19	19	
	3/8-19	3/8-19	37	43	22	22	
	1/2-14	1/2-14	44	19	27	27	
	3/4-14	3/4-14	59	67	32	32	
	1-11	1-11	66	76	38	38	
(*)	1.1/4-11	1.1/4-11	71	50	50	50	
(*)	1.1/2-11	1.1/2-11	89	98	55	55	
(*)	2-11	2-11	113	127	70	70	

5028 Curva 45° femmina girevole (saldata)

Swivel 45° Elbow (welded)

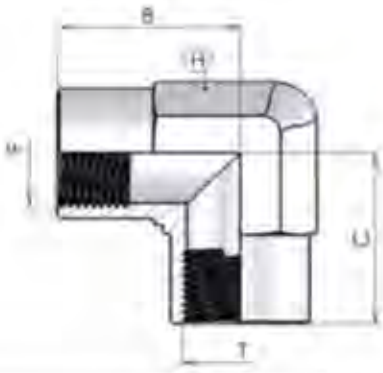


(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

	Dimensions						
	F	T	B	C	K	E	
	1/4-19	1/4-19	17	47	19	19	
	3/8-19	3/8-19	20	57	22	22	
	1/2-14	1/2-14	23	59	27	27	
	3/4-14	3/4-14	29	79	32	32	
	1-11	1-11	35	93	38	38	
(*)	1.1/4-11	1.1/4-11	33	87	50	50	
(*)	1.1/2-11	1.1/2-11	41	108	55	55	
(*)	2-11	2-11	53	139	70	70	

7045 Unione 90° - femmina fissa

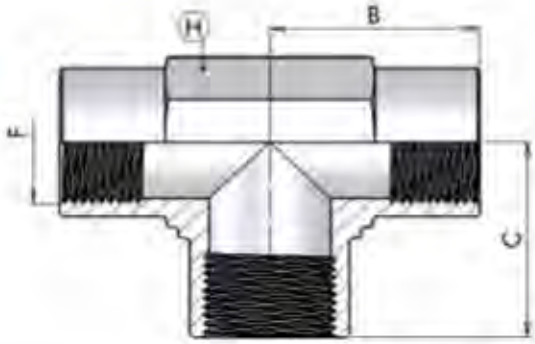
90° Elbow Union



Dimensions					
F	T	B	C	H	
1/4-19	1/4-19	27	27	19	
3/8-19	3/8-19	34	34	22	
1/2-14	1/2-14	36	36	27	
3/4-14	3/4-14	46	46	32	
1-11	1-11	50	50	41	

2048 Unione a T - femmina fissa

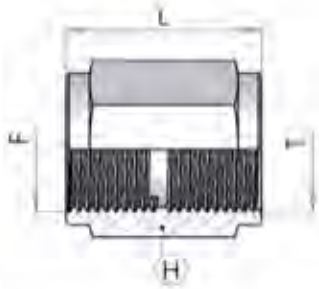
Union Tee



Dimensions				
F	B	C	H	
1/4-19	27	27	19	
3/8-19	32	32	22	
1/2-14	36	36	27	
3/4-14	43	43	32	
1-11	52	52	41	

05A1 Unione femmina fissa

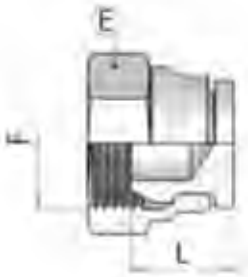
Union



Dimensions				
F	T	L	H	
1/8-28	1/8-28	21	14	
1/8-28	3/8-19	29	22	
1/4-19	1/4-19	29	19	
1/4-19	3/8-19	31	22	
3/8-19	3/8-19	29	22	
1/2-14	1/2-14	34	27	
3/4-14	3/4-14	38	32	
1-11	1-11	43	41	
1.1/4-11	1.1/4-11	47	50	
1.1/2-11	1.1/2-11	51	55	
2-11	2-11	57	70	

08A6 Tappo femmina girevole

Female Plug Swivel



(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

O-Ring

Dimensions			
F	L	E	
1/8-28	11	14	
1/4-19	14	19	
3/8-19	15	22	
1/2-14	16	27	
5/8-14	16	30	
3/4-14	18	32	
1-11	20	38	
1.1/4-11	24	50	(*)
1.1/2-11	27	55	(*)
2-11	24	70	(*)

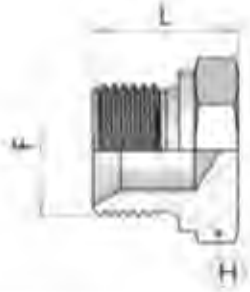
04A6 Tappo femmina fissa

Female Plug

Dimensions			
F	L	H	
1/8-28	16	14	
1/4-19	19	19	
3/8-19	21	22	
1/2-14	23	27	
5/8-14	25	30	
3/4-14	28	32	
1-11	31	41	
1.1/4-11	36	50	
1.1/2-11	41	55	
2-11	46	70	

05A6 Tappo maschio

Male plug

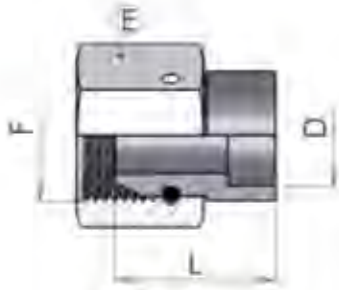


Dimensions			
F	L	H	
1/8-28	15	14	
1/4-19	19	19	
3/8-19	22	22	
1/2-14	25	27	
5/8-14	27	30	
3/4-14	27	32	
1-11	30	41	
1.1/4-11	34	50	
1.1/2-11	39	55	
2-11	43	70	

51A0 Ogiva a saldare con dado girevole

Swivel Female Weldable End

(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring



trattamento superficiale: non zincato
surface treatment: *without zinc plating*

	Dimensions				
	F	L	D	E	
	1/8-28	16	6	14	
	1/4-19	18	8	19	
	3/8-19	21	12	22	
	1/2-14	24	14	27	
	5/8-14	23	18	30	
	3/4-14	29	20	32	
	1-11	28	25	38	
(*)	1.1/4-11	30	32	50	
(*)	1.1/2-11	31	38	55	
(*)	2-11	33	50	70	

5018 Mezzo nipplo a saldare

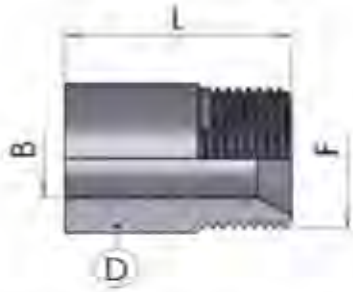
Male Weldable End

trattamento superficiale: non zincato
surface treatment: *without zinc plating*

Dimensions			
F	L	H	
1/8-28	15	14	
1/4-19	20	19	
3/8-19	22	22	
1/2-14	25	27	
5/8-14	27	30	
3/4-14	27	32	
1-11	30	41	
1.1/4-11	34	50	
1.1/2-11	35	55	
2-11	43	70	

0C22 Mezzo nipplo tondo a saldare

Male Weldable End



trattamento superficiale: non zincato
surface treatment: *without zinc plating*

Dimensions				
F	L	B	D	
1/4-19	30	7	14	
3/8-19	32	9	17	
1/2-14	34	12	21	
3/4-14	40	15	28	
1-11	41	20	35	

0022 Borchia a saldare

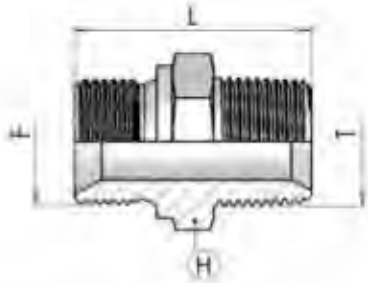
Threaded Sleeve

trattamento superficiale: non zincato
surface treatment: *without zinc plating*

Dimensions			
F	L	D	
1/8-28	14	20	
1/4-19	16	22	
3/8-19	17	26	
1/2-14	18	30	
5/8-14	20	32	
3/4-14	20	38	
1-11	25	45	
1.1/4-11	25	55	
1.1/2-11	30	62	
2-11	30	70	

6518 Nipplo maschio BSP/BSPT

Male Connector BSP/BSPT

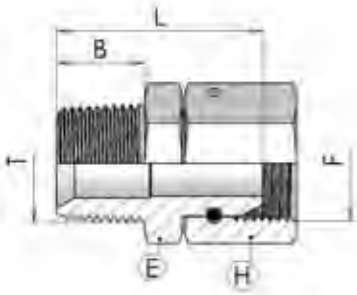


Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions				
mm	inch	F	T	L	H	
6	1/4"	1/8-28	1/8-28	24	14	
8	5/16"	1/4-19	1/4-19	34	19	
10	3/8"	3/8-19	3/8-19	36	22	
12	1/2"	1/2-14	1/2-14	43	27	
12	1/2"	1/2-14	3/4-14	46	27	
20	3/4"	3/4-14	3/4-14	46	32	
20	3/4"	3/4-14	1.1/4-11	55	46	
25	1"	1-11	1-11	54	41	
32	1.1/4"	1.1/4-11	1.1/4-11	59	50	
38	1.1/2"	1.1/2-11	1.1/2-11	60	55	
51	2"	2-11	2-11	69	70	

6023 Nipplo M BSPT / F Girevole BSP

Swivel Connector Female BSP/ Male BSPT

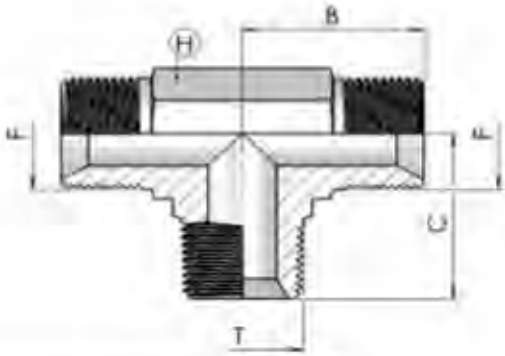


Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	L	B	E	H	
6	1/4"	1/8"	1/8"	29	10	11	14	
6	1/4"	1/8"	1/4"	33	15	14	14	
8	5/16"	1/4"	1/4"	33	15	14	19	
10	3/8"	3/8"	1/4"	36	15	16	22	
8	5/16"	1/4"	3/8"	34	15	19	19	
10	3/8"	3/8"	3/8"	36	15	19	22	
12	1/2"	1/2"	3/8"	40	15	22	27	
10	3/8"	3/8"	1/2"	42	19	22	22	
12	1/2"	1/2"	1/2"	41	18	22	27	
20	3/4"	3/4"	1/2"	47	19	27	32	
12	1/2"	1/2"	3/4"	47	19	27	27	
20	3/4"	3/4"	3/4"	47	19	27	32	
25	1"	1"	3/4"	55	19	32	41	
20	3/4"	3/4"	1"	54	24	36	32	
25	1"	1"	1"	60	24	36	41	
32	1.1/4"	1.1/4"	1"	62	24	41	50	
32	1.1/4"	1.1/4"	1.1/4"	62	25	46	50	
38	1.1/2"	1.1/2"	1.1/4"	66	25	46	60	
38	1.1/2"	1.1/2"	1.1/2"	67	26	50	60	

6048 T con maschio BSPT centrale

BSPT Branch Tee

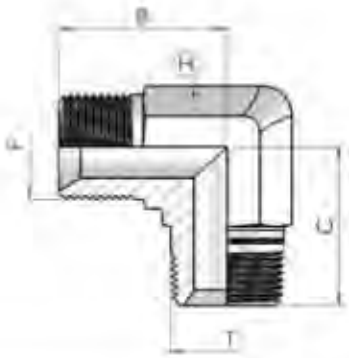


Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions					
mm	inch	F	T	B	C	H	
8	5/16"	1/4-19	1/4-19	27	27	14	
10	3/8"	3/8-19	3/8-19	28	28	19	
12	1/2"	1/2-14	1/2-14	34	34	22	
20	3/4"	3/4-14	3/4-14	40	40	27	
25	1"	1-11	1-11	42	42	33	
32	1.1/4"	1.1/4-11	1.1/4-11	52	52	41	

2046 Gomito 90° M BSP/ M BSPT

90° connector BSP male x BSPT male



Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions					
mm	inch	F	T	B	C	H	
6	1/4"	1/8-28	1/8-28	26	26	14	
8	5/16"	1/4-19	1/4-19	26	26	14	
10	3/8"	3/8-19	3/8-19	32	32	19	
12	1/2"	1/2-14	1/2-14	36	36	22	
20	3/4"	3/4-14	3/4-14	40	40	27	
25	1"	1-11	1-11	42	42	33	
32	1.1/4"	1.1/4-11	1.1/4-11	52	52	41	
38	1.1/2"	1.1/2-11	1.1/2-11	59	59	50	

3046 Gomito 45° M BSP/ M BSPT

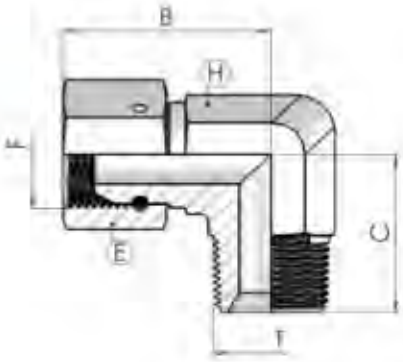
45° connector BSP male x BSPT male

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions					
mm	inch	F	T	B	C	H	
8	5/16"	1/4-19	1/4-19	21	21	14	
10	3/8"	3/8-19	3/8-19	25	25	19	
12	1/2"	1/2-14	1/2-14	28	28	22	
20	3/4"	3/4-14	3/4-14	33	33	27	
25	1"	1-11	1-11	41	41	33	
32	1.1/4"	1.1/4-11	1.1/4-11			41	
38	1.1/2"	1.1/2-11	1.1/2-11			50	

0046 Gomito 90° femm.gir./maschio conico

90° connector BSP swivel female x BSPT male



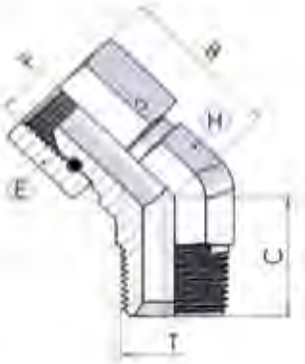
(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	29	27	14	19	
10	3/8"	3/8-19	3/8-19	34	32	19	22	
12	1/2"	1/2-14	1/2-14	42	36	22	27	
20	3/4"	3/4-14	3/4-14	48	40	27	32	
25	1"	1-11	1-11	58	48	33	38	
32	1.1/4"	1.1/4-11	1.1/4-11	58	52	41	50	(*)
38	1.1/2"	1.1/2-11	1.1/2-11	61	59	50	55	(*)

1046 Gomito 45° femm.gir./maschio conico

45° connector BSP swivel female x BSPT male



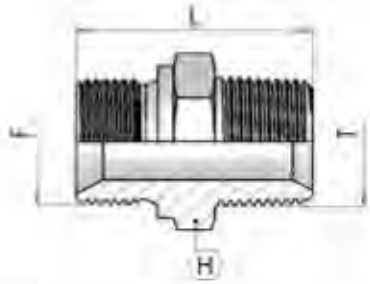
(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
8	5/16"	1/4-19	1/4-19	22	21	14	19	
10	3/8"	3/8-19	3/8-19	27	25	19	22	
12	1/2"	1/2-14	1/2-14	31	28	22	27	
20	3/4"	3/4-14	3/4-14	37	31	27	32	
25	1"	1-11	1-11	40	37	33	38	
32	1.1/4"	1.1/4-11	1.1/4-11			41	50	(*)
38	1.1/2"	1.1/2-11	1.1/2-11			50	55	(*)

7518 Nipplo maschio BSP/NPTF

Male Connector BSP/NPTF

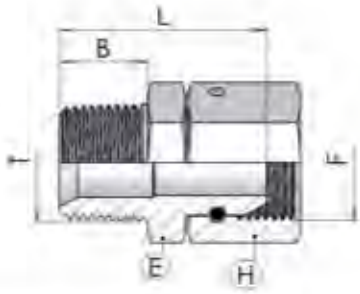


Filettatura / Thread:
NPT (ANSI/ASME B1, 20, 1-1983)

Ø tube		Dimensions				
mm	inch	F	T	L	H	
8	5/16"	1/4-19	1/4-18	35	19	
8	5/16"	1/4-19	3/8-18	35	19	
8	5/16"	1/4-19	1/2-14	41	22	
10	3/8"	3/8-19	1/4-18	36	22	
10	3/8"	3/8-19	3/8-18	36	22	
10	3/8"	3/8-19	1/2-14	41	22	
12	1/2"	1/2-14	3/8-18	39	27	
12	1/2"	1/2-14	1/2-14	44	27	
12	1/2"	1/2-14	3/4-14	46	27	
20	3/4"	3/4-14	1/2-14	46	32	
20	3/4"	3/4-14	3/4-14	48	32	
20	3/4"	3/4-14	1-11.1/2	53	36	
25	1"	1-11	3/4-14	49	41	
25	1"	1-11	1-11.1/2	55	41	
32	1.1/4"	1-1/4-11	1.1/4-11.1/2	59	50	
32	1.1/4"	1-1/4-11	1.1/2-11.1/2	61	50	
38	1.1/2"	1.1/2-11	1.1/2-11.1/2	63	55	
51	2"	2-11	2-11.1/2	69	70	

6523 Nipplo M NPTF / F Girevole BSP

Swivel Connector Female BSP/ Male NPTF

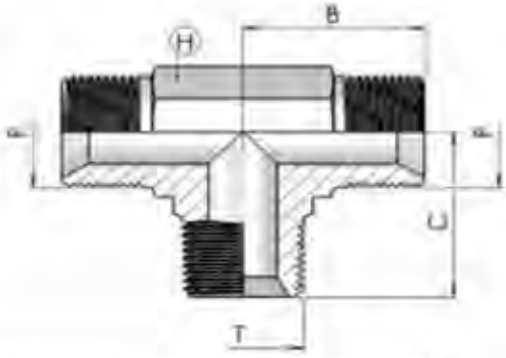


Filettatura / Thread:
NPT (ANSI/ASME B1, 20, 1-1983)

Ø tube		Dimensions						
mm	inch	F	T	L	B	E	H	
6	1/4"	1/8-28	1/8-28	29	10	11	14	
6	1/4"	1/8-28	1/4-18	33	15	14	14	
8	5/16"	1/4-19	1/4-18	33	15	14	19	
10	3/8"	3/8-19	1/4-18	36	15	16	22	
8	5/16"	1/4-19	3/8-18	34	15	19	19	
10	3/8"	3/8-19	3/8-18	36	15	19	22	
12	1/2"	1/2-14	3/8-18	40	15	22	27	
10	3/8"	3/8-19	1/2-14	42	19	22	22	
12	1/2"	1/2-14	1/2-14	45	19	22	27	
20	3/4"	3/4-14	1/2-14	47	19	27	32	
12	1/2"	1/2-14	3/4-14	47	19	27	27	
20	3/4"	3/4-14	3/4-14	47	19	27	32	
25	1"	1-11	3/4-14	55	19	32	41	
20	3/4"	3/4-14	1-11.1/2	54	24	36	32	
25	1"	1-11	1-11.1/2	60	24	36	41	
32	1.1/4"	1.1/4-11	1-11.1/2	62	24	41	50	
32	1.1/4"	1.1/4-11	1.1/4-11.1/2	62	25	46	50	
38	1.1/2"	1.1/2-11	1.1/4-11.1/2	66	25	46	60	
38	1.1/2"	1.1/2-11	1.1/2-11.1/2	67	26	50	60	

7048 T con maschio NPTF centrale

NPTF male branch Tee

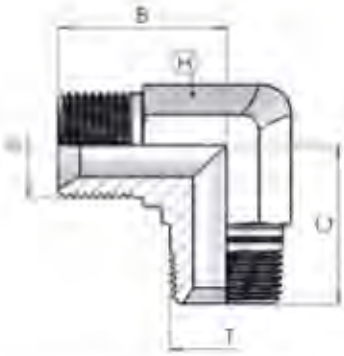


Filettatura / Thread:
NPT (ANSI/ASME B1, 20, 1-1983)

Ø tube		Dimensions					
mm	inch	F	T	B	C	H	
8	5/16"	1/4-19	1/4-18	27	27	14	
10	3/8"	3/8-19	3/8-18	32	32	19	
12	1/2"	1/2-14	1/2-14	36	37	22	
20	3/4"	3/4-14	3/4-14	40	40	27	
25	1"	1-11	1-11.1/2	50	50	33	
32	1.1/4"	1.1/4-11	1.1/4-11.1/2	52	52	41	

7046 Gomito 90° M BSP/ M NPTF

90° connector BSP male x NPTF male



Filettatura / Thread:
NPT (ANSI/ASME B1, 20, 1-1983)

Ø tube		Dimensions					
mm	inch	F	T	B	C	H	
8	5/16"	1/4-19	1/4-18	26	26	14	
10	3/8"	3/8-19	3/8-18	32	32	19	
12	1/2"	1/2-14	1/2-14	36	36	22	
20	3/4"	3/4-14	3/4-14	40	40	27	
25	1"	1-11	1-11.1/2	42	42	33	
32	1.1/4"	1.1/4-11	1.1/4-11.1/2	52	52	41	
38	1.1/2"	1.1/2-11	1.1/2-11.1/2	59	59	50	

8046 Gomito 45° M BSP/ M NPTF

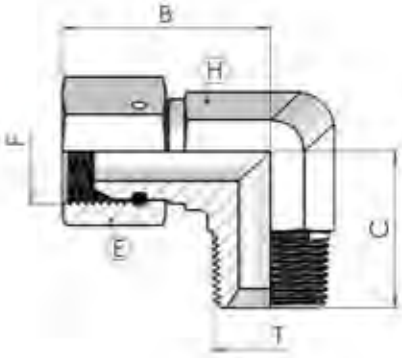
45° connector BSP male x NPTF male

Filettatura / Thread:
NPT (ANSI/ASME B1, 20, 1-1983)

Ø tube		Dimensions					
mm	inch	F	T	B	C	H	
8	5/16"	1/4-19	1/4-18	21	21	14	
10	3/8"	3/8-19	3/8-18	25	25	19	
12	1/2"	1/2-14	1/2-14	30	28	22	
20	3/4"	3/4-14	3/4-14	33	33	27	
25	1"	1-11	1-11.1/2	41	41	33	
32	1.1/4"	1.1/4-11	1.1/4-11.1/2	46	46	41	
38	1.1/2"	1.1/2-11	1.1/2-11.1/2			50	

5046 Gomito 90° femm.gir. BSP/M NPTF

90° connector BSP swivel female x NPTF male



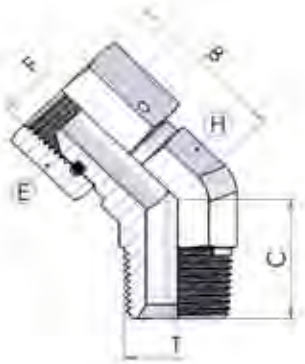
(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Filettatura / Thread:
NPT (ANSI/ASME B1, 20, 1-1983)

	Ø tube		Dimensions						
	mm	inch	F	T	B	C	H	E	
	8	5/16"	1/4-19	1/4-18	29	27	14	19	
	10	3/8"	3/8-19	3/8-18	34	32	19	22	
	12	1/2"	1/2-14	1/2-14	40	36	22	27	
	20	3/4"	3/4-14	3/4-14	46	40	27	32	
	25	1"	1-11	1-11.1/2	52	50	33	38	
(*)	32	1.1/4"	1.1/4-11	1.1/4-11.1/2	54	52	41	50	
(*)	38	1.1/2"	1.1/2-11	1.1/2-11.1/2	61	59	50	55	

6046 Gomito 45° femm.gir. BSP/M NPTF

45° connector BSP swivel female x NPTF male



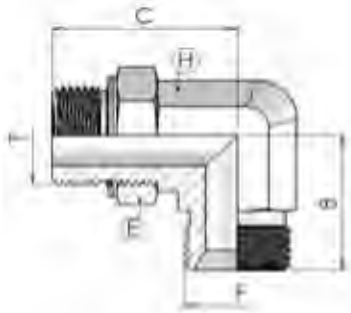
(*) - Femmina BSP con O-Ring
(*) - BSP female with O-Ring

Filettatura / Thread:
NPT (ANSI/ASME B1, 20, 1-1983)

	Ø tube		Dimensions						
	mm	inch	F	T	B	C	H	E	
	8	5/16"	1/4-19	1/4-18	21	21	14	19	
	10	3/8"	3/8-19	3/8-18	25	25	19	22	
	12	1/2"	1/2-14	1/2-14	28	29	22	27	
	20	3/4"	3/4-14	3/4-14	33	33	27	32	
	25	1"	1-11	1-11.1/2	37	37	33	38	
(*)	32	1.1/4"	1.1/4-11	1.1/4-11.1/2			41	50	
(*)	38	1.1/2"	1.1/2-11	1.1/2-11.1/2			50	55	

0039 Curva Orientabile BSP/BSP

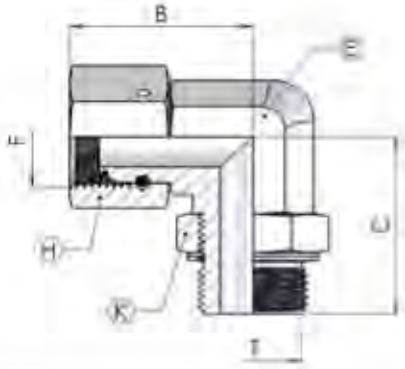
Adjustable Elbow BSP/BSP



Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8	1/8	23	26	12	14	
6	1/4"	1/8	1/4	27	32	14	19	
8	5/16"	1/4	1/4	27	32	14	19	
10	3/8"	3/8	1/4	32	34	19	19	
6	1/4"	1/8	3/8	29	37	19	24	
8	5/16"	1/4	3/8	29	37	19	24	
10	3/8"	3/8	3/8	32	37	19	24	
12	1/2"	1/2	3/8	37	40	22	24	
8	5/16"	1/4	1/2	31	43	22	27	
10	3/8"	3/8	1/2	34	43	22	27	
12	1/2"	1/2	1/2	37	43	22	27	
20	3/4"	3/4	1/2	42	46	27	27	
10	3/8"	3/8	3/4	37	49	27	36	
12	1/2"	1/2	3/4	40	49	27	36	
20	3/4"	3/4	3/4	42	49	27	36	
25	1"	1	3/4	46	52	33	36	
20	3/4"	3/4	1	45	52	33	41	
25	1"	1	1	46	52	33	41	
32	1.1/4"	1.1/4	1	52	57	41	41	
25	1"	1	1.1/4	51	57	41	50	
32	1.1/4"	1.1/4	1.1/4	52	57	41	50	
38	1.1/2"	1.1/2	1.1/2	59	61	48	60	

5532 Curva 90° Orientabile Femm. Gir. BSP/Maschio BSPP

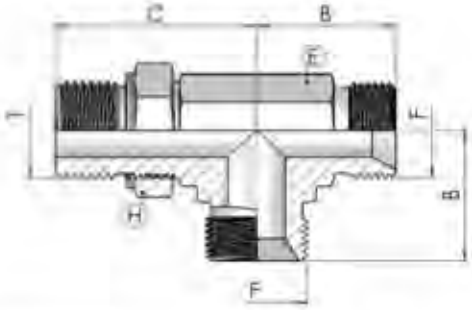


Adjustable 90° Elbow Swivel Female BSP/BSPP Male

Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	K
6	1/4"	1/8"	1/8"	25	26	12	14	14
8	5/16"	1/4"	1/4"	27	32	14	19	19
10	3/8"	3/8"	3/8"	32	37	19	22	24
12	1/2"	1/2"	1/2"	37	43	22	27	27
20	3/4"	3/4"	3/4"	42	49	27	32	36
25	1"	1"	1"	46	52	33	41	41
32	1.1/4"	1.1/4"	1.1/4"	52	57	41	50	50
38	1.1/2"	1.1/2"	1.1/2"	59	61	48	60	60

0036 T BSP con maschio BSPP laterale orientabile



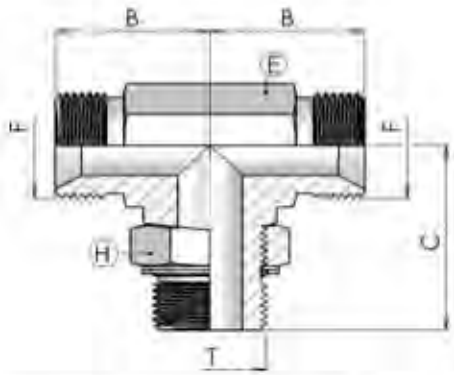
Adjustable Run Tee BSP/BSPP Male

Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions					
mm	inch	F	T	B	C	E	H
6	1/4"	1/8-28	1/8-28	23	26	12	14
6	1/4"	1/8-28	1/4-19	27	32	14	19
8	5/16"	1/4-19	1/4-19	27	32	14	19
10	3/8"	3/8-19	1/4-19	32	34	19	19
8	5/16"	1/4-19	3/8-19	29	37	19	24
10	3/8"	3/8-19	3/8-19	32	37	19	24
12	1/2"	1/2-14	3/8-19	37	49	27	36
10	3/8"	3/8-19	1/2-14	34	43	22	27
12	1/2"	1/2-14	1/2-14	37	40	22	24
12	3/4"	1/2-14	1/2-14	40	49	27	36
12	1/2"	1/2-14	3/4-11	37	43	22	27
20	3/4"	3/4-11	3/4-11	42	46	27	27
25	1"	1-11	3/4-11	45	52	33	41
20	3/4"	3/4-11	1-11	42	49	27	36
25	1"	1-11	1-11	46	52	33	36
32	1.1/4"	1.1/4-11	1-11	46	52	33	41
32	1.1/4"	1.1/4-11	1.1/4-11	51	57	41	50
38	1.1/2"	1.1/2-11	1.1/4-11	52	57	41	50
32	1.1/4"	1.1/4-11	1.1/2-11	52	57	41	41
38	1.1/2"	1.1/2-11	1.1/2-11	59	61	48	60

0536 T BSP con maschio BSPP centrale orientabile

Adjustable Branch Tee BSP/BSPP Male

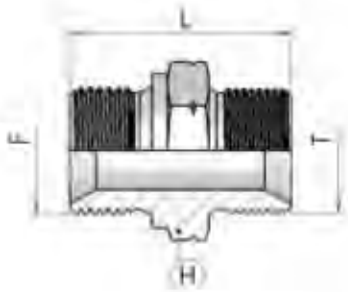


Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	
6	1/4"	1/8-28	1/8-28	23	26	12	14	
6	1/4"	1/8-28	1/4-19	27	32	14	19	
8	5/16"	1/4-19	1/4-19	27	32	14	19	
10	3/8"	3/8-19	1/4-19	32	34	19	19	
8	5/16"	1/4-19	3/8-19	29	37	19	24	
10	3/8"	3/8-19	3/8-19	32	37	19	24	
12	1/2"	1/2-14	3/8-19	37	49	27	36	
10	3/8"	3/8-19	1/2-14	34	43	22	27	
12	1/2"	1/2-14	1/2-14	37	40	22	24	
12	3/4"	3/4-11	1/2-14	40	49	27	36	
12	1/2"	1/2-14	3/4-11	37	43	22	27	
20	3/4"	3/4-11	3/4-11	42	46	27	27	
25	1"	1-11	3/4-11	45	52	33	41	
20	3/4"	3/4-11	1-11	42	49	27	36	
25	1"	1-11	1-11	46	52	33	36	
32	1.1/4"	1.1/4-11	1-11	46	52	33	41	
32	1.1/4"	1.1/4-11	1.1/4-11	51	57	41	50	
38	1.1/2"	1.1/2-11	1.1/4-11	52	57	41	50	
32	1.1/4"	1.1/4-11	1.1/2-11	52	57	41	41	
38	1.1/2"	1.1/2-11	1.1/2-11	59	61	48	60	

0518 Nipplo maschio BSP/Metrico 60°

Male connector BSP male /Metric 60° cone

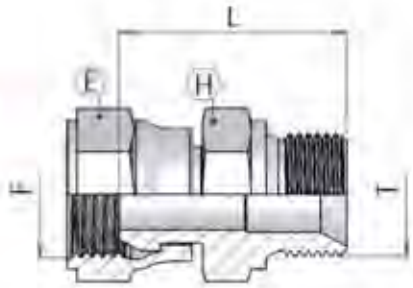


Filettatura / Thread:
Metric (DIN 7631)

Ø tube		Dimensions				
mm	inch	T	F	L	H	
6	1/4"	1/8-28	M10 x 1	28	14	
8	5/16"	1/4-19	M10 x 1	28	19	
8	5/16"	1/4-19	M12 x 1.5	33	19	
8	5/16"	1/4-19	M14 x 1.5	32	19	
8	5/16"	1/4-19	M16 x 1.5	33	22	
8	5/16"	1/4-19	M18 x 1.5	34	24	
8	5/16"	1/4-19	M22 x 1.5	36	27	
10	3/8"	3/8-19	M14 x 1.5	32	22	
10	3/8"	3/8-19	M16 x 1.5	33	22	
10	3/8"	3/8-19	M18 x 1.5	36	24	
10	3/8"	3/8-19	M20 x 1.5	37	27	
10	3/8"	3/8-19	M22 x 1.5	37	27	
12	1/2"	1/2-14	M14 x 1.5	37	27	
12	1/2"	1/2-14	M16 x 1.5	37	27	
12	1/2"	1/2-14	M18 x 1.5	38	27	
12	1/2"	1/2-14	M20 x 1.5	39	27	
12	1/2"	1/2-14	M22 x 1.5	38	27	
16	5/8"	5/8-14	M18 x 1.5	39	28	
16	5/8"	5/8-14	M22 x 1.5	41	28	
20	3/4"	3/4-14	M18 x 1.5	39	32	
20	3/4"	3/4-14	M22 x 1.5	41	32	
20	3/4"	3/4-14	M26 x 1.5	43	32	
20	3/4"	3/4-14	M30 x 1.5	46	36	
25	1"	1-11	M22 x 1.5	44	41	
25	1"	1-11	M26 x 1.5	46	41	
25	1"	1-11	M38 x 1.5	48	46	

7023 Femmina girevole Metrica cono 60°/BSP

Swivel Nut Female Metric 60° cone/BSP

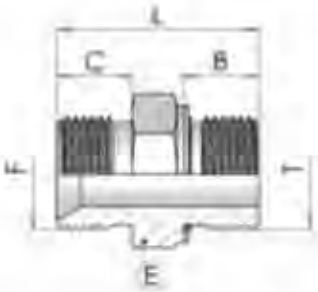


Ø tube		Dimensions					
mm	inch	F	T	L	E	H	
10	3/8"	M16x1,5	3/8-19	35	22	22	
12	1/2"	M16x1,5	1/2-14	38	22	27	
10	3/8"	M18x1,5	3/8-19	35	24	22	
12	1/2"	M18x1,5	1/2-14	38	24	27	
12	1/2"	M20x1,5	1/2-14	40	27	27	

1035 Giunzione M BSP/M Metrico DIN 3852-1

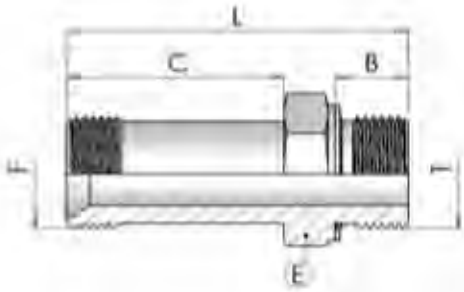
Male Connector BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel



Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	1/8-28	M10x1	24	9	8	16	
6	1/4"	1/8-28	M12x1,5	27	12	8	17	
8	5/16"	1/4-19	M14x1,5	31	11,5	11	19	
8	5/16"	1/4-19	M16x1,5	32	13	11	22	
10	3/8"	3/8-19	M16x1,5	33	12,5	12	22	
10	3/8"	3/8-19	M18x1,5	35	14	12	24	
12	1/2"	1/2-14	M18x1,5	37	13,5	14	24	
12	1/2"	1/2-14	M22x1,5	39	15	14	30	
20	3/4"	3/4-11	M22x1,5	42	15	16	30	
20	3/4"	3/4-11	M27x2	47	19	16	36	
25	1"	1-11	M27x2	50	18,5	19	36	
25	1"	1-11	M33x2	50	19	19	41	
32	1.1/4"	1.1/4-11	M42x2	54	19,5	20	50	
38	1.1/2"	1.1/2-11	M48x2	60	22	22	60	

1535 Giunzione M/M Lunga BSP/ Metrico DIN 3852-1

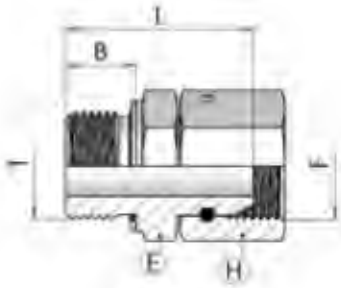


Long Male Connector BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	1/8-28	M10x1	45	9	29	16	
6	1/4"	1/8-28	M12x1,5	48	12	29	17	
8	5/16"	1/4-19	M14x1,5	56	12	36	19	
8	5/16"	1/4-19	M16x1,5	57	13	36	22	
10	3/8"	3/8-19	M16x1,5	64	13	43	22	
10	3/8"	3/8-19	M18x1,5	66	14	43	24	
12	1/2"	1/2-14	M18x1,5	70	14	48	24	
12	1/2"	1/2-14	M22x1,5	73	15	48	30	
20	3/4"	3/4-11	M22x1,5	83	15	57	30	
20	3/4"	3/4-11	M27x2	88	19	57	36	
25	1"	1-11	M27x2	99	19	68	36	
25	1"	1-11	M33x2	99	19	68	41	
32	1.1/4"	1.1/4-11	M42x2	117	20	84	50	
38	1.1/2"	1.1/2-11	M48x2	130	22	93	60	

6035 Femmina Girevole BSP/Metrico DIN 3852-1

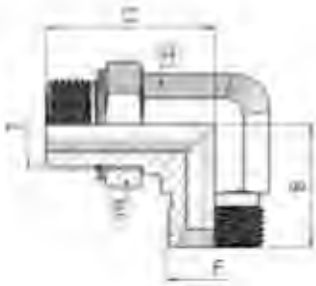


Swivel Nut Female BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	L	B	E	H	
6	1/4"	1/8"	M10x1	28	9	16	14	
6	1/4"	1/8"	M12x1,5	30	12	17	14	
8	5/16"	1/4"	M14x1,5	30	12	19	19	
8	5/16"	1/4"	M16x1,5	32	13	22	19	
10	3/8"	3/8"	M16x1,5	34	13	22	22	
10	3/8"	3/8"	M18x1,5	35	14	24	22	
12	1/2"	1/2"	M18x1,5	39	14	24	27	
12	1/2"	1/2"	M22x1,5	41	15	30	27	
20	3/4"	3/4"	M22x1,5	43	15	30	32	
20	3/4"	3/4"	M27x2	47	19	36	32	
25	1"	1"	M27x2	54	19	36	41	
25	1"	1"	M33x2	54	19	41	41	
32	1.1/4"	1.1/4"	M42x2	57	20	50	50	
38	1.1/2"	1.1/2"	M48x2	63	22	60	60	

1039 Curva Orientabile BSP/Metrico DIN 3852-1

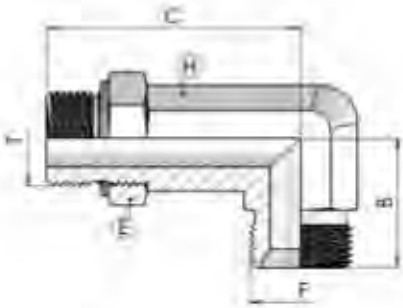


Adjustable Elbow BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8"	M10x1	23	27	12	14	
6	1/4"	1/8"	M12x1,5	27	32	14	17	
8	5/16"	1/4"	M14x1,5	27	32	14	19	
8	5/16"	1/4"	M16x1,5	29	38	19	22	
10	3/8"	3/8"	M16x1,5	32	38	19	22	
10	3/8"	3/8"	M18x1,5	32	40	19	24	
12	1/2"	1/2"	M18x1,5	37	41	22	24	
12	1/2"	1/2"	M22x1,5	37	43	22	27	
20	3/4"	3/4"	M22x1,5	42	45	27	27	
20	3/4"	3/4"	M27x2	42	52	27	36	
25	1"	1"	M27x2	46	52	33	36	
25	1"	1"	M33x2	46	53	33	41	
32	1.1/4"	1.1/4"	M42x2	52	58	41	50	
38	1.1/2"	1.1/2"	M48x2	59	67	48	60	

1539 Curva Orientabile Lunga BSP/Metrico DIN 3852-1

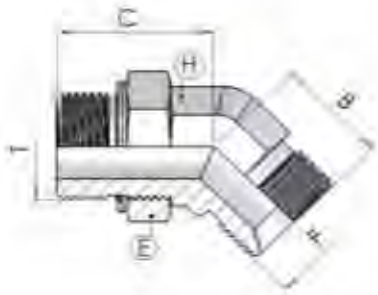


Long Adjustable Elbow BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8"	M10x1	23	46	12	14	
6	1/4"	1/8"	M12x1,5	27	54	14	17	
8	5/16"	1/4"	M14x1,5	27	57	14	19	
8	5/16"	1/4"	M16x1,5	29	67	19	22	
10	3/8"	3/8"	M16x1,5	32	67	19	22	
10	3/8"	3/8"	M18x1,5	32	67	19	24	
12	1/2"	1/2"	M18x1,5	37	75	22	24	
12	1/2"	1/2"	M22x1,5	37	78	22	27	
20	3/4"	3/4"	M22x1,5	42	88	27	27	
20	3/4"	3/4"	M27x2	42	95	27	36	
25	1"	1"	M27x2	46	105	33	36	
25	1"	1"	M33x2	46	105	33	41	
32	1.1/4"	1.1/4"	M42x2	52	124	41	50	
38	1.1/2"	1.1/2"	M48x2	59	141	48	60	

1034 Curva 45° Orientabile BSP/Metrico DIN 3852-1

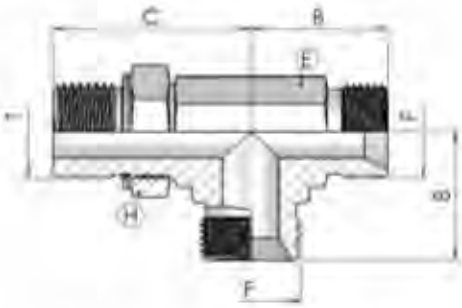


Adjustable 45° Elbow BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8"	M10x1	19	27	12	14	
6	1/4"	1/8"	M12x1,5	21	29	14	17	
8	5/16"	1/4"	M14x1,5	21	29	14	19	
8	5/16"	1/4"	M16x1,5	22	33	19	22	
10	3/8"	3/8"	M16x1,5	25	33	19	22	
10	3/8"	3/8"	M18x1,5	25	33	19	24	
12	1/2"	1/2"	M18x1,5	28	35	22	24	
12	1/2"	1/2"	M22x1,5	28	38	22	27	
20	3/4"	3/4"	M22x1,5	33	40	27	27	
20	3/4"	3/4"	M27x2	33	44	27	36	
25	1"	1"	M27x2	37	46	33	36	
25	1"	1"	M33x2	37	47	33	41	
32	1.1/4"	1.1/4"	M42x2	41	49	41	50	
38	1.1/2"	1.1/2"	M48x2	45	53	48	60	

1036 T BSP con masch. Metr. laterale orient. (DIN 3852-1)

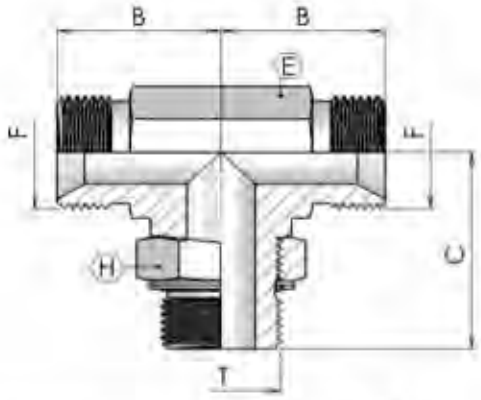


Adjustable Run Tee BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8-28	M10x1	23	27	14	12	
6	1/4"	1/8-28	M12x1,5	27	32	17	14	
8	5/16"	1/4-19	M14x1,5	27	32	19	14	
8	5/16"	1/4-19	M16x1,5	29	38	22	19	
10	3/8"	3/8-19	M16x1,5	32	38	22	19	
10	3/8"	3/8-19	M18x1,5	32	40	24	19	
12	1/2"	1/2-14	M18x1,5	37	41	24	22	
12	1/2"	1/2-14	M22x1,5	37	43	27	22	
20	3/4"	3/4-11	M22x1,5	42	45	27	27	
20	3/4"	3/4-11	M27x2	42	52	36	27	
25	1"	1-11	M27x2	46	52	36	33	
25	1"	1-11	M33x2	46	53	41	33	
32	1.1/4"	1.1/4-11	M42x2	52	58	50	41	
38	1.1/2"	1.1/2-11	M48x2	59	67	60	48	

1536 T BSP con masch. Metr. centr. orient. (DIN 3852-1)



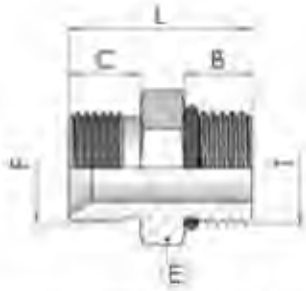
Adjustable Branch Tee BSP/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8-28	M10x1	23	27	14	12	
6	1/4"	1/8-28	M12x1,5	27	32	17	14	
8	5/16"	1/4-19	M14x1,5	27	32	19	14	
8	5/16"	1/4-19	M16x1,5	29	38	22	19	
10	3/8"	3/8-19	M16x1,5	32	38	22	19	
10	3/8"	3/8-19	M18x1,5	32	40	24	19	
12	1/2"	1/2-14	M18x1,5	37	41	24	22	
12	1/2"	1/2-14	M22x1,5	37	43	27	22	
20	3/4"	3/4-11	M22x1,5	42	45	27	27	
20	3/4"	3/4-11	M27x2	42	52	36	27	
25	1"	1-11	M27x2	46	52	36	33	
25	1"	1-11	M33x2	46	53	41	33	
32	1.1/4"	1.1/4-11	M42x2	52	58	50	41	
38	1.1/2"	1.1/2-11	M48x2	59	67	60	48	

2035 Nipplo maschio BSP/UNF

Male Connector BSP/UNF

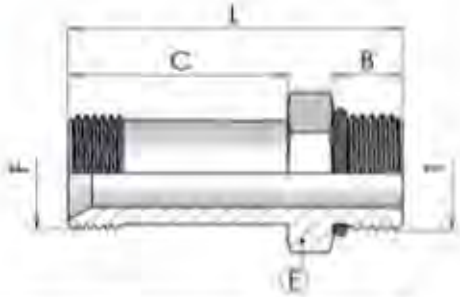


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	1/8-28	7/16-20	25	9	8	14	
6	1/4"	1/8-28	1/2-20	25	9	8	16	
8	5/16"	1/4-19	9/16-18	30	10	11	17	
8	5/16"	1/4-19	3/4-16	32	11	11	22	
10	3/8"	3/8-19	3/4-16	33	11	12	22	
12	1/2"	1/2-14	3/4-16	36	11	14	22	
10	3/8"	3/8-19	7/8-14	36	12,5	12	27	
12	1/2"	1/2-14	7/8-14	38	13	14	27	
20	3/4"	3/4-11	7/8-14	42	12,5	16	27	
12	1/2"	1/2-14	1.1/16-12	42	15	14	32	
20	3/4"	3/4-11	1.1/16-12	44	15	16	32	
20	3/4"	3/4-11	1.5/16-12	45	15	16	38	
25	1"	1-11	1.5/16-12	48	15	19	38	
32	1.1/4"	1.1/4-11	1.5/8-12	51	15	20	50	
38	1.1/2"	1.1/2-11	1.7/8-12	55	15	22	55	

2535 Giunzione M/M Lunga BSP/UNF

Long Male Connector BSP/UNF

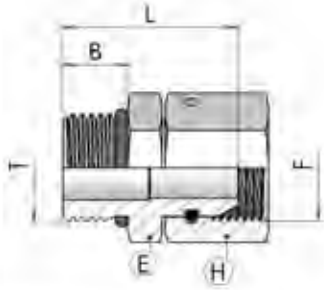


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	1/8-28	7/16-20	46	9	29	14	
6	1/4"	1/8-28	1/2-20	46	9	29	16	
8	5/16"	1/4-19	9/16-18	55	10	36	17	
8	5/16"	1/4-19	3/4-16	57	11	36	22	
10	3/8"	3/8-19	3/4-16	64	11	43	22	
12	1/2"	1/2-14	3/4-16	70	11	48	22	
10	3/8"	3/8-19	7/8-14	67	12,5	43	27	
12	1/2"	1/2-14	7/8-14	71	13	48	27	
20	3/4"	3/4-11	7/8-14	83	12,5	57	27	
12	1/2"	1/2-14	1.1/16-12	76	15	48	32	
20	3/4"	3/4-11	1.1/16-12	85	15	57	32	
20	3/4"	3/4-11	1.5/16-12	86	15	57	38	
25	1"	1-11	1.5/16-12	97	15	68	38	
32	1.1/4"	1.1/4-11	1.5/8-12	114	15	84	50	
38	1.1/2"	1.1/2-11	1.7/8-12	125	15	93	55	

7035 Femmina girevole BSP/UNF

Swivel Nut Female BSP/UNF

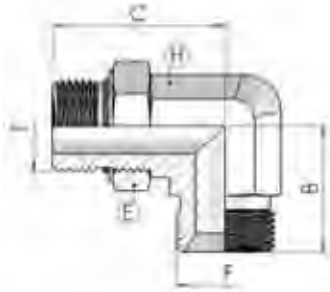


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	L	E	H	
6	1/4"	1/8-28	7/16-20	9	28	14	14	
6	1/4"	1/8-28	1/2-20	9	28	16	14	
8	5/16"	1/4-19	9/16-18	10	29	17	19	
8	5/16"	1/4-19	3/4-16	11	31	22	19	
10	3/8"	3/8-19	3/4-16	11	32	22	22	
12	1/2"	1/2-14	3/4-16	11	37	22	27	
10	3/8"	3/8-19	7/8-14	13	36	27	22	
12	1/2"	1/2-14	7/8-14	13	38	27	27	
20	3/4"	3/4-11	7/8-14	13	41	27	32	
12	1/2"	1/2-14	1.1/16-12	15	43	32	27	
20	3/4"	3/4-11	1.1/16-12	15	43	32	32	
20	3/4"	3/4-11	1.5/16-12	15	45	38	32	
25	1"	1-11	1.5/16-12	15	51	38	41	
32	1.1/4"	1.1/4-11	1.5/8-12	15	53	50	50	
38	1.1/2"	1.1/2-11	1.7/8-12	15	57	55	60	

2039 Curva Orientabile BSP/UNF

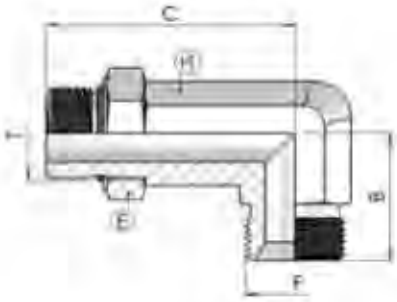
Adjustable Elbow BSP/UNF



Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8"	7/16-20	23	46	12	14	
6	1/4"	1/8"	1/2-20	24	50	14	16	
8	5/16"	1/4"	9/16-18	27	57	14	19	
8	5/16"	1/4"	3/4-16	29	67	19	22	
10	3/8"	3/8"	3/4-16	32	67	19	22	
12	1/2"	1/2"	3/4-16	37	75	22	22	
10	3/8"	3/8"	7/8-14	34	78	22	27	
12	1/2"	1/2"	7/8-14	37	78	22	27	
20	3/4"	3/4"	7/8-14	42	88	27	27	
12	1/2"	1/2"	1.1/16-12	40	92	27	32	
20	3/4"	3/4"	1.1/16-12	42	92	27	32	
20	3/4"	3/4"	1.5/16-12	45	105	33	41	
25	1"	1"	1.5/16-12	46	105	33	41	
32	1.1/4"	1.1/4"	1.5/8-12	52	124	41	50	
38	1.1/2"	1.1/2"	1.7/8-12	59	135	48	55	

2539 Curva Orientabile Lunga BSP/UNF

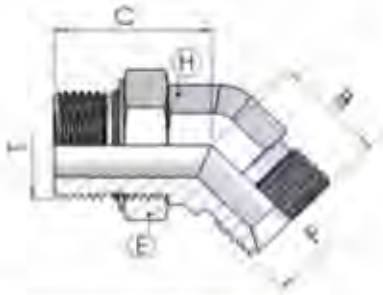


Adjustable Elbow BSP/UNF

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8"	7/16-20	23	26	12	14	
6	1/4"	1/8"	1/2-20	24	29	14	16	
8	5/16"	1/4"	9/16-18	27	32	14	19	
8	5/16"	1/4"	3/4-16	29	37	19	22	
10	3/8"	3/8"	3/4-16	32	37	19	22	
12	1/2"	1/2"	3/4-16	37	40	22	22	
10	3/8"	3/8"	7/8-14	34	43	22	27	
12	1/2"	1/2"	7/8-14	37	43	22	27	
20	3/4"	3/4"	7/8-14	42	46	27	27	
12	1/2"	1/2"	1.1/16-12	40	50	27	32	
20	3/4"	3/4"	1.1/16-12	42	50	27	32	
20	3/4"	3/4"	1.5/16-12	45	52	33	41	
25	1"	1"	1.5/16-12	46	52	33	41	
32	1.1/4"	1.1/4"	1.5/8-12	52	57	41	50	
38	1.1/2"	1.1/2"	1.7/8-12	59	61	48	55	

2034 Curva 45° Orientabile BSP/UNF

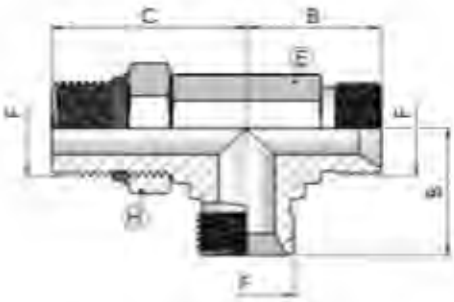


Adjustable Elbow BSP/UNF

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8"	7/16-20	12	27	12	14	
6	1/4"	1/8"	1/2-20	14	27	14	16	
8	5/16"	1/4"	9/16-18	14	29	14	19	
8	5/16"	1/4"	3/4-16	19	33	19	22	
10	3/8"	3/8"	3/4-16	19	33	19	22	
12	1/2"	1/2"	3/4-16	22	35	22	22	
10	3/8"	3/8"	7/8-14	22	39	22	27	
12	1/2"	1/2"	7/8-14	22	39	22	27	
20	3/4"	3/4"	7/8-14	27	40	27	27	
12	1/2"	1/2"	1.1/16-12	27	44	27	32	
20	3/4"	3/4"	1.1/16-12	27	44	27	32	
20	3/4"	3/4"	1.5/16-12	33	47	33	41	
25	1"	1"	1.5/16-12	33	47	33	41	
32	1.1/4"	1.1/4"	1.5/8-12	41	49	41	50	
38	1.1/2"	1.1/2"	1.7/8-12	48	49	48	55	

2036 T BSP con maschio UNF laterale orientabile

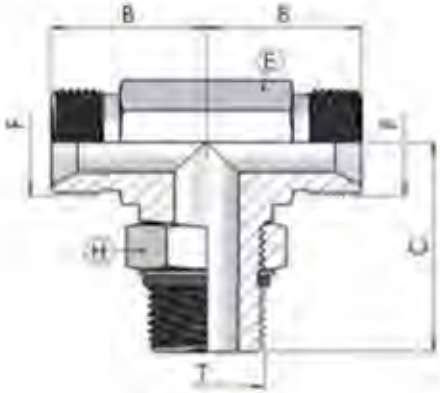


Adjustable Run Tee BSP/UNF

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8-28	7/16-20	23	26	14	12	
6	1/4"	1/8-28	1/2-20	24	29	16	14	
8	5/16"	1/4-19	9/16-18	27	32	19	14	
8	5/16"	1/4-19	3/4-16	29	37	22	19	
10	3/8"	3/8-19	3/4-16	32	37	22	19	
12	1/2"	1/2-14	3/4-16	37	40	22	22	
10	3/8"	3/8-19	7/8-14	34	43	27	22	
12	1/2"	1/2-14	7/8-14	37	43	27	22	
20	3/4"	3/4-11	7/8-14	42	46	27	27	
12	1/2"	1/2-14	1.1/16-12	40	50	32	27	
20	3/4"	3/4-11	1.1/16-12	42	50	32	27	
20	3/4"	3/4-11	1.5/16-12	45	52	41	33	
25	1"	1-11	1.5/16-12	46	52	41	33	
32	1.1/4"	1.1/4-11	1.5/8-12	52	57	50	41	
38	1.1/2"	1.1/2-11	1.7/8-12	59	61	55	48	

2536 T BSP con maschio UNF centrale orientabile



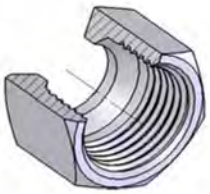
Adjustable Branch Tee BSP/UNF

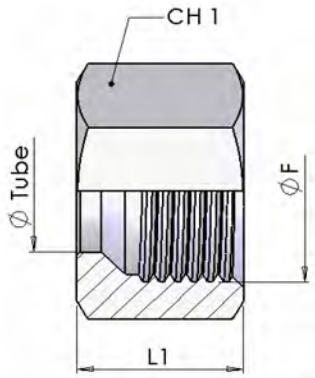
Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	1/8-28	7/16-20	23	26	14	12	
6	1/4"	1/8-28	1/2-20	24	29	16	14	
8	5/16"	1/4-19	9/16-18	27	32	19	14	
8	5/16"	1/4-19	3/4-16	29	37	22	19	
10	3/8"	3/8-19	3/4-16	32	37	22	19	
12	1/2"	1/2-14	3/4-16	37	40	22	22	
10	3/8"	3/8-19	7/8-14	34	43	27	22	
12	1/2"	1/2-14	7/8-14	37	43	27	22	
20	3/4"	3/4-11	7/8-14	42	46	27	27	
12	1/2"	1/2-14	1.1/16-12	40	50	32	27	
20	3/4"	3/4-11	1.1/16-12	42	50	32	27	
20	3/4"	3/4-11	1.5/16-12	45	52	41	33	
25	1"	1-11	1.5/16-12	46	52	41	33	
32	1.1/4"	1.1/4-11	1.5/8-12	52	57	50	41	
38	1.1/2"	1.1/2-11	1.7/8-12	59	61	55	48	

0074 Dado di serraggio

Nuts

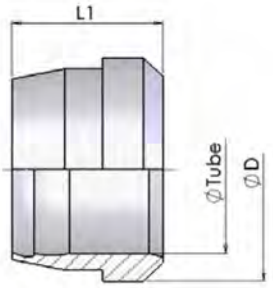




W.P.		Ø tube	thread	Dimensions	
bar		mm	F	L_1	CH_1
LL	100	4	M 8x1	11	10
		6	M 10x1	11,5	12
		8	M 12x1	12	14
		10	M 14x1	12,5	17
		12	M 16x1	13	19
L	315	6	M 12x1,5	14,5	14
		8	M 14x1,5	14,5	17
		10	M 16x1,5	15,5	19
		12	M 18x1,5	15,5	22
		15	M 22x1,5	17	27
		18	M 26x1,5	18	32
	160	22	M 30x2	20	36
		28	M 36x2	21	41
		35	M 45x2	24	50
		42	M 52x2	24	60
S	630	6	M 14x1,5	16,5	17
		8	M 16x1,5	16,5	19
		10	M 18x1,5	17,5	22
		12	M 20x1,5	17,5	24
		14	M 22x1,5	20,5	27
	400	16	M 24x1,5	20,5	30
		20	M 30x2	24	36
		25	M 36x2	27	46
		30	M 42x2	29	50
	315	38	M 52x2	32,5	60

1074 Anellino tagliente

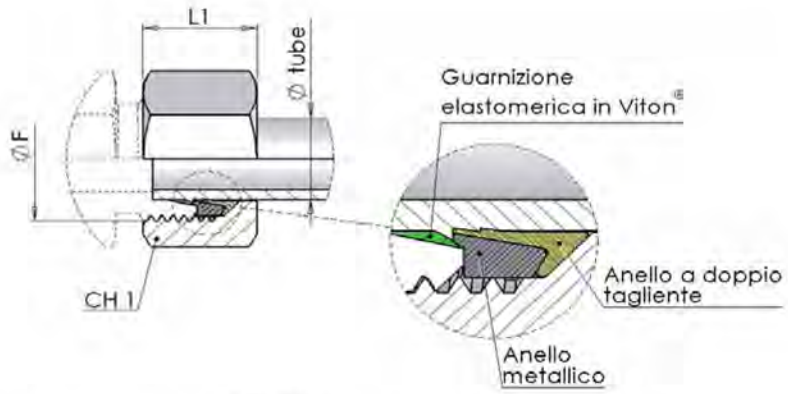
Cutting Rings



W.P.		Ø tube	Dimensions			
bar		mm	L1		D	
LL	100	4		6	6	
		6		7	8	
		8		7	10	
		10		9,5	10	
		12		9,5	12	
LS	315	6		9,5	10	
		8		9,5	12	
	630	10		10	14	
		12		10	16	
L	315	15		10	19	
		18		10	23	
	160	22		10,5	27	
		28		11	33	
		35		13	41	
		42		13	48	
S	630	14		10	19	
	400	16		10,5	21	
		20		12	26	
		25		12	32	
		30		13	36	
	630	38		13	44	

1574 *Kit dado/anello*

Kit nut/ring



Caratteristiche:

- Il kit HY-RING™ è composto da: Anello a doppio tagliente e Anello metallico integrati nel dado DIN più una guarnizione elastomerica
- La guarnizione elastomerica viene fornita in Viton®. Disponibile, su richiesta, in NBR, EPDM e FKM.
- Rispetto all'anello tagliente tradizionale (tenuta ferro/ferro) la tenuta è migliorata dalla guarnizione elastomerica.
- La guarnizione elastomerica è di facile sostituzione. Per evitarne il danneggiamento, viene inserita successivamente al premontaggio.
- La parte metallica dell'Anello metallico è temprata per evitare che venga intagliato dall'anello a doppio tagliente. Riduce i problemi di tolleranza e controlla con precisione l'intaglio sul tubo
- Le ridotte profondità di intaglio lo rendono adatto anche per spessori sottili.

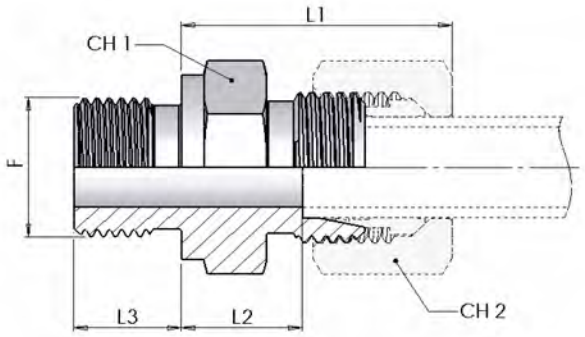
Features:

- *The HY-RING™ kit is composed by: Cutting ring (two-cut), Metal outer ring (support ring) integrated with the DIN nut plus one elastomeric seal*
- *The standard elastomeric seal is supplied in Viton®. Available on request in NBR, EPDM e FKM.*
- *Compared to the traditional cutting ring (iron/iron seal) seal is improved by the elastomeric seal.*
- *The standard elastomeric seal is easy to replace. To avoid any damage is fitted after the pre-assembly*
- *The support ring has been hardened to prevent to be engrave by the cuttin ring. It reduces tollerancence problems and consent accurately to define the cut*
- *Reduced cutting depth make it suitable for thin thicknesses.*

W.P.		Ø tube	thread	Dimensions	
bar		mm	F	L_1	CH_1
L	500	6	M 12x1,5	14,5	14
		8	M 14x1,5	14,5	17
	400	10	M 16x1,5	15,5	19
		12	M 18x1,5	15,5	22
		15	M 22x1,5	17	27
		18	M 26x1,5	18	32
	250	22	M 30x2	20	36
		28	M 36x2	21	41
		35	M 45x2	24	50
		42	M 52x2	24	60
S	800	6	M 14x1,5	16,5	17
		8	M 16x1,5	16,5	19
		10	M 18x1,5	17,5	22
	630	12	M 20x1,5	17,5	24
	420	16	M 24x1,5	20,5	30
		20	M 30x2	24	36
		25	M 36x2	27	46
		30	M 42x2	29	50
		38	M 52x2	32,5	60

3074 Terminale diritto

Male Stud Couplings

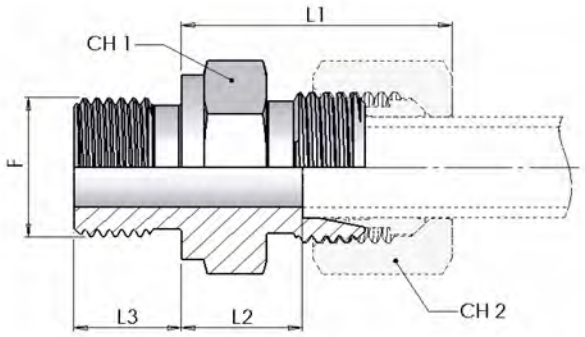


Filettatura / Thread:
BSPP (Form B DIN 3852)

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
S	630	6	G 1/4	28	13	12	19	17
		6	G 1/2	33	18	14	27	17
		8	G 1/4	30	15	12	19	19
		8	G 3/8	30,5	15,5	12	22	19
		10	G 3/8	31	15	12	22	22
		10	G 1/4	30,5	14,5	12	19	22
		10	G 1/2	33,5	17,5	14	27	22
		12	G 3/8	33	17	12	22	24
		12	G 1/4	32,5	16,5	12	22	24
		12	G 1/2	33,5	17,5	14	27	24
		14	G 1/2	37	19	14	27	27
		14	G 3/8	36,5	18,5	12	24	27
	400	16	G 1/2	37	18,5	14	27	30
		16	G 3/8	36,5	18	12	27	30
		16	G 3/4	39	20,5	16	32	30
		20	G 3/4	42	20,5	16	32	36
		20	G 1/2	42	20,5	14	32	36
		25	G 1	47	23	18	41	46
		25	G 3/4	47	23	16	41	46
		30	G 1 1/4	50	23,5	20	50	50
		30	G 1	50	23,5	18	46	50
	315	38	G 1 1/2	57	26	22	55	60
		38	G 1 1/4	57	26	20	55	60

3074 Terminale diritto

Male Stud Couplings

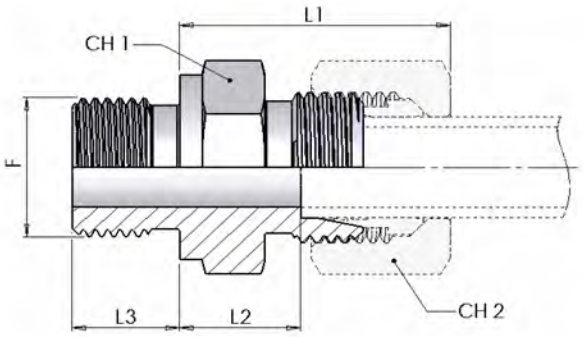


Filettatura / Thread:
BSPP (Form B DIN 3852)

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L1	L2	L3	CH1	CH2
L	315	6	G 1/8	23	8,5	8	14	14
		6	G 1/4	24,5	10	12	19	14
		6	G 3/8	26	11,5	12	22	14
		6	G 1/2	27	12	14	27	14
		8	G 1/4	25	10	12	19	17
		8	G 1/8	24,5	9,5	8	14	17
		8	G 3/8	26,5	11,5	12	22	17
		8	G 1/2	27	12	14	27	17
		10	G 1/4	26	11	12	19	19
		10	G 1/8	25,5	10,5	8	17	19
		10	G 3/8	27,5	12,5	12	22	19
		10	G 1/2	28	13	14	27	19
		12	G 3/8	27	12,5	12	22	22
		12	G 1/4	26,5	12	12	19	22
		12	G 1/2	27,5	13	14	27	22
		12	G 3/4	29	14	16	32	22
		15	G 1/2	29	14	14	27	27
		15	G 3/8	28,5	13,5	12	24	27
		15	G 3/4	30	15	16	32	27
		18	G 1/2	31	14,5	14	27	32
		18	G 3/8	29	14	12	27	32
		18	G 3/4	31	14,5	16	32	32
	160	22	G 3/4	33	16,5	16	32	36
		22	G 1/2	33	16,5	14	32	36
		22	G 1	34	17,5	18	41	36
		28	G 1	34	17,5	18	41	41
		28	G 3/4	34	17,5	16	41	41
		35	G 1 1/4	39	17,5	20	50	50
		35	G 1/2	39	17,5	18	46	50
		42	G 1 1/2	42	19	22	55	60

3074 Terminale diritto

Male Stud Couplings

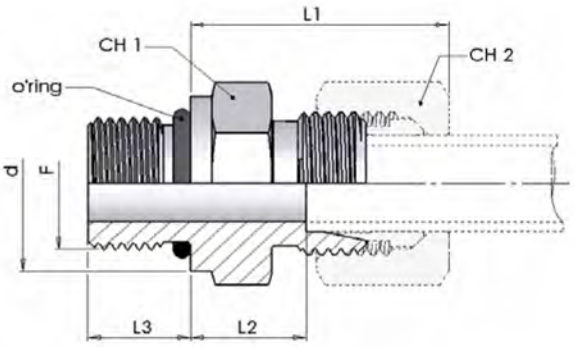


Filettatura / Thread:
Metric (Form B DIN 3852)

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
L	315	6	M 10x1	23	8,5	8	14	14
		8	M 12x1,5	25	10	12	19	17
		8	M 18x1,5	26,5	11,5	12	24	17
		10	M 14x1,5	26	11	12	19	19
		10	M 16x1,5	27,5	12,5	12	22	19
		10	M 18x1,5	27,5	12,5	12	24	19
		10	M 22x1,5	29	14	14	27	19
		12	M 16x1,5	27	12,5	12	22	22
		12	M 14x1,5	27	12,5	12	19	22
		12	M 18x1,5	27	12,5	12	24	22
		12	M 22x1,5	28,5	14	14	27	22
		15	M 18x1,5	29	14	14	27	27
		15	M 16x1,5	28	13	12	24	27
		15	M 22x1,5	30	15	14	27	27
		18	M 22x1,5	31	14,5	14	27	32
		18	M 18x1,5	30,5	14	12	27	32
	160	22	M 26x1,5	33	16,5	16	32	36
		22	M 22x1,5	33	16,5	14	32	36
		28	M 33x2	34	17,5	18	41	41
		35	M 42x2	39	17,5	20	50	50
		42	M 48x2	42	19	22	55	60
S	630	6	M 12x1,5	28	13	12	19	17
		8	M 14x1,5	30	15	12	19	19
		10	M 16x1,5	31	15	12	22	22
		12	M 18x1,5	33	17	12	24	24
		12	M 22x1,5	33,5	17,5	14	27	24
		14	M 20x1,5	37	19	14	27	27
	400	16	M 22x1,5	37	18,5	14	27	30
		16	M 18x1,5	36,5	18	12	27	30
		20	M 27x2	42	20,5	16	32	36
		25	M 33x2	47	23	18	41	46
		30	M 42x2	50	23,5	20	50	50
	315	38	M 48x2	57	26	22	55	60

3074 OR Terminale diritto con O'Ring

Male Stud Couplings rubber seal



Filettatura / Thread:
UNF/UN (ISO 11926-1)

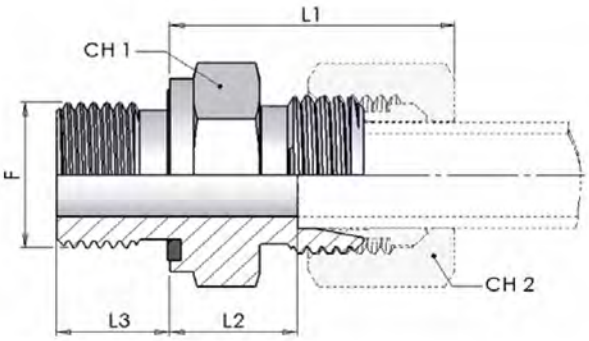
W.P.		Ø tube	thread	Dimensions						
bar		mm	F	d	L1	L2	L3	CH1	CH2	O-Ring
L	315	8	7/16-20 UNF	13,8	25	10	9	14	17	8,92x1,83
		10	7/16-20 UNF	13,8	26	11	9	17	19	8,92x1,83
		12	9/16-18 UNF	16,8	25,5	11	10	19	22	11,9x1,98
		12	3/4-16 UNF	21,8	27,5	13	11	22	22	16,36x2,20
		12	7/8-14 UNF	26,8	29	14,5	12,5	27	22	19,18x2,46
		15	3/4-16 UNF	21,8	29	14	11	24	27	16,36x2,2
		15	7/8-14 UNF	22,3	29	14	11	24	27	16,36x2,2
		18	3/4-16 UNF	21,8	31	14,5	11	27	32	16,36x2,2
		18	7/8-14 UNF	26,8	31,5	15	12,5	27	32	19,18x2,46
	160	22	7/8-14 UNF	26,8	33,5	17	12,5	32	36	19,18x2,46
		22	1 1/16-12 UN	31,8	33	16,5	15	32	36	23,47x2,95
		22	1 5/16-12 UN	40,8	34	17,5	15	41	36	29,74x2,95
		28	1 1/16-12 UN	31,8	34	17,5	15	41	41	23,47x2,95
		28	1 5/16-12 UN	40,8	34	17,5	15	41	41	29,74x2,95
		35	1 5/16-12 UN	40,8	39	17,5	15	46	50	29,74x2,95
		35	1 5/8-12 UN	49,8	39	17,5	15	50	50	37,46x3
		42	1 5/8-12 UN	49,8	42	19	15	55	60	37,46x3
S	630	8	7/16-20 UNF	13,8	30	15	9	17	19	8,92x1,83
		10	9/16-18 UNF	16,8	30,5	14,5	10	19	22	11,9x1,98
		12	9/16-18 UNF	16,8	30,5	14,5	10	22	24	11,9x1,98
		12	3/4-16 UNF	21,8	33,5	17,5	11	22	24	16,36x2,20
	400	16	3/4-16 UNF	21,8	34	15,5	11	27	30	16,36x2,20
		16	7/8-14 UNF	26,8	37,5	19	12,5	27	30	19,18x2,46
		20	3/4-16 UNF	21,8	42	20,5	11	32	36	16,36x2,20
		20	7/8-14 UNF	26,8	42,5	21	12,5	32	36	19,18x2,46
		20	1 1/16-12 UN	31,8	42	20,5	15	32	36	23,47x2,95
		25	1 1/16-12 UN	31,8	47	23	15	36	46	23,47x2,95
		25	1 5/16-12 UN	40,8	47	23	15	41	46	29,74x2,95
		30	1 5/16-12 UN	40,8	50	23,5	15	46	50	29,74x2,95
		30	1 5/8-12 UN	49,8	50	23,5	15	50	20	37,46x3
	315	38	1 5/8-12 UN	49,8	57	26	15	55	60	37,46x3

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

4074 Terminale diritto con guarnizione piana

Male Stud Couplingsrubber seal

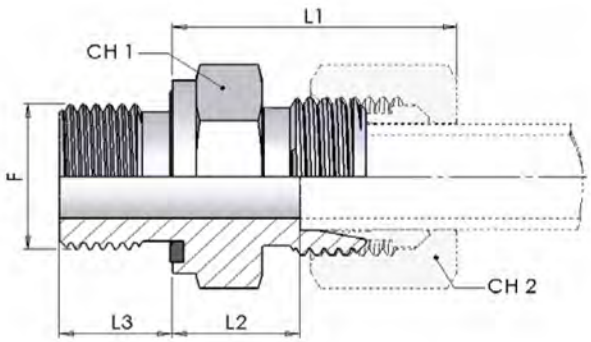


Filettatura / Thread:
BSPP (Form E DIN 3852)

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L1	L2	L3	CH1	CH2
L	315	6	G 1/8	23	8,5	8	14	14
		6	G 1/4	24,5	10	12	19	14
		6	G 3/8	26	11,5	12	22	14
		8	G 1/4	25	10	12	19	17
		8	G 1/8	24,5	9,5	8	14	17
		8	G 3/8	26,5	11,5	12	22	17
		8	G 1/2	27	12	14	27	17
		10	G 1/4	26	11	12	19	19
		10	G 1/8	25,5	110,5	8	17	19
		10	G 3/8	27,5	12,5	12	22	19
		10	G 1/2	28	13	14	27	19
		12	G 3/8	27	12,5	12	22	22
		12	G 1/4	26,5	12	12	19	22
		12	G 1/2	27,5	13	14	27	22
		15	G 1/2	29	14	14	27	27
		15	G 3/8	28,5	13,5	12	24	27
		15	G 3/4	30	15	16	32	27
		18	G 1/2	31	14,5	14	27	32
		18	G 3/4	31	14,5	16	32	32
	160	22	G 3/4	33	16,5	16	32	36
		22	G 1/2	33	16,5	14	32	36
		22	G 1	34	17,5	18	41	36
		28	G 1	34	17,5	18	41	41
		28	G 3/4	34	17,5	16	41	41
		35	G 1 1/4	39	17,5	20	50	50
		35	G 1	39	17,5	18	46	50
		42	G 1 1/2	42	19	22	55	60
S	630	6	G 1/4	28	13	12	19	17
		8	G 1/4	30	15	12	19	19
		8	G 3/8	30,5	15,5	12	22	19
		10	G 3/8	31	15	12	22	22
		10	G 1/4	30,5	14,5	12	19	22
		10	G 1/2	33,5	17,5	14	27	22
		12	G 3/8	33	17	12	22	24
		12	G 1/4	32,5	16,5	12	22	24
		12	G 1/2	33,5	17,5	14	27	24
		14	G 1/2	37	19	14	27	27
		14	G 3/8	36,5	18,5	12	24	27
	400	16	G 1/2	37	18,5	14	27	30
		16	G 3/8	36,5	18	12	27	30
		16	G 3/4	39	20,5	16	32	30
		20	G 3/4	42	20,5	16	32	36
		20	G 1/2	42	20,5	14	32	36
		25	G 1	44	22,5	18	41	46
		25	G 3/4	47	23	16	41	46
		30	G 1 1/4	50	23,5	20	50	50
		30	G 1	502	15,5	18	46	520
	315	38	G 1 1/2	57	26	22	55	60
		38	G 1 1/4	57	26	20	55	60

4074 Terminale diritto con guarnizione piana

Male Stud Couplingsrubber seal

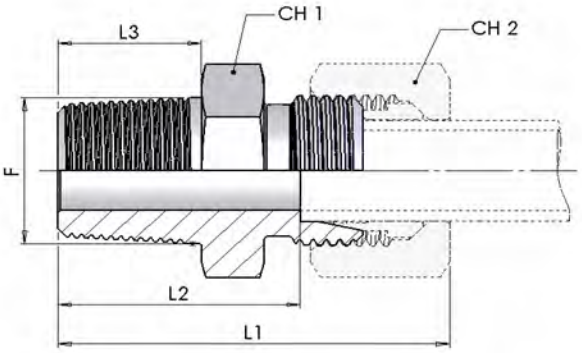


Filettatura / Thread:
Metric (Form E DIN 3852)

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
L	315	6	M 10x1	23	8,5	8	14	14
		8	M 12x1,5	25	10	12	17	17
		10	M 14x1,5	26	11	12	19	19
		10	M 16x1,5	27,5	12,5	12	22	19
		10	M 18x1,5	27,5	12,5	12	24	19
		10	M 22x1,5	29	14	14	27	19
		12	M 16x1,5	27	12,5	12	22	22
		12	M 14x1,5	27	12,5	12	19	22
		12	M 18x1,5	27	12,5	12	24	22
		12	M 22x1,5	28,5	14	14	27	22
		15	M 18x1,5	2	13,5	12	24	27
		15	M 16x1,5	28	13	12	24	27
		15	M 22x1,5	30	15	14	27	27
		18	M 22x1,5	31	14,5	14	27	32
		18	M 18x1,5	30,5	14	12	27	32
	160	22	M 26x1,5	33	16,5	16	32	36
		22	M 22x1,5	33	16,5	14	32	36
		28	M 33x2	34	17,5	18	41	41
		35	M 42x2	39	17,5	20	50	50
		42	M 48x2	42	19	22	55	60
S	630	6	M 12x1,5	28	13	12	17	17
		8	M 14x1,5	30	15	12	19	19
		10	M 16x1,5	31	15	12	22	22
		12	M 18x1,5	33	17	12	24	24
		12	M 22x1,5	33,5	17,5	14	27	24
		14	M 20x1,5	37	19	14	27	27
	400	16	M 22x1,5	37	18,5	14	27	30
		16	M 18x1,5	36,5	18	12	27	30
		20	M 27x2	42	20,5	16	32	36
		25	M 33x2	47	23	18	41	46
		30	M 42x2	50	23,5	20	50	50
	315	38	M 48x2	57	26	22	55	60

5074 Terminale diritto

Male Stud Couplings

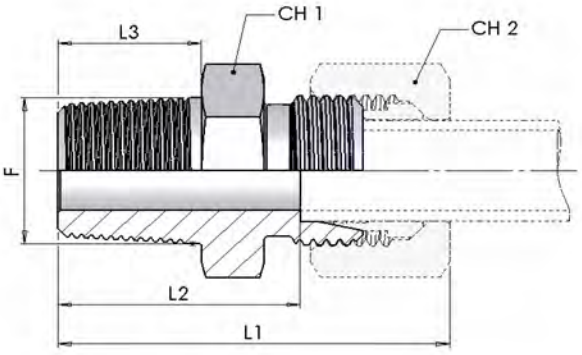


Filettatura / Thread:
BSPT (Form C DIN 3852)

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
LL	100	4	R 1/8 K	26,5	16	8	12	10
		6	R 1/8 K	26,5	14,5	8	12	12
		8	R 1/8 K	28,5	16,5	8	12	14
		8	R 1/4 K	32	20,5	12	14	14
		10	R 1/4 K	32	20,5	12	14	17
		12	R 1/4 K	32	20	12	17	19
		12	R 3/8 K	32	20	12	17	19
L	315	6	R 1/8 K	30	15	8	12	14
		6	R 1/4 K	34,5	20	12	14	14
		8	R 1/4 K	35	20	12	17	17
		10	R 1/4 K	36	21	12	17	19
		12	R 3/8 K	36,5	22	12	19	22
		12	R 1/4 K	36,5	22	12	19	22
		12	R 1/2 K	38,5	24	14	22	22
		15	R 1/2 K	40	25	14	24	27
		15	R 3/8 K	38	23	12	24	27
		18	R 1/2 K	42	25,5	14	27	32
	160	22	R 3/4 K	46	29,5	16	32	36
		28	R 1 K	49	32,5	18	41	41
		35	R 1 1/4 K	56	34,5	20	46	50
		42	R 1 1/2 K	61	38	22	55	60
S	630	6	R 1/4 K	38	23	12	17	17
		8	R 1/4 K	40	25	12	17	19
		10	R 3/8 K	40,5	24,5	12	19	22
		12	R 3/8 K	42,5	26,5	12	22	24
		14	R 1/2 K	48	30	14	24	27
	400	16	R 1/2 K	48	29,5	14	27	30
		20	R 3/4 K	55	33,5	16	32	36
		25	R 1 K	62	38	18	41	46
		30	R 1 1/4 K	67	40,5	20	46	50
	315	38	R 1 1/2 K	76	45	22	55	60

5074 Terminale diritto

Male Stud Couplings



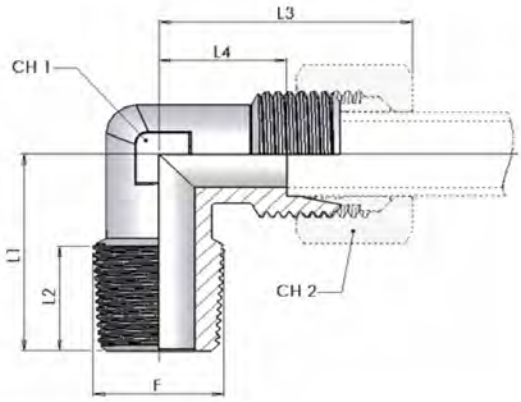
Filettatura / Thread:
NPT (ANSI/ASME B1,20,1-1983)

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
LL	100	4	1/8 NPT	28	18	10	12	10
		6	1/8 NPT	28	16,5	10	12	12
		8	1/8 NPT	30	18,5	10	12	14
L	315	6	1/8 NPT	31,5	17	10	12	14
		8	1/4 NPT	38	23	15	17	17
		10	1/4 NPT	39	24	15	17	19
		10	3/8 NPT	40	25	15	19	19
		12	3/8 NPT	39,5	25	15	19	22
		12	1/4 NPT	39,5	25	15	19	22
		12	1/2 NPT	44,5	30	19,5	22	22
		15	1/2 NPT	46	31	19,5	24	27
		18	1/2 NPT	48	31,5	19,5	27	32
	160	22	3/4 NPT	50	33,5	20	32	36
		28	1 NPT	56	39,5	25	41	41
		35	1 1/4 NPT	62	40,5	25,5	46	50
		42	1 1/2 NPT	65	42	26	55	60
	315	6	1/4 NPT	37,5	23	15	14	14
S	630	6	1/4 NPT	41	26	15	17	17
		8	1/4 NPT	43	28	15	17	19
		10	3/8 NPT	43,5	27,5	15	19	22
		10	1/4 NPT	44	25,5	13	19	22
		12	3/8 NPT	45,5	29,5	15	22	24
		12	1/4 NPT	46	27,5	13	22	24
		12	1/2 NPT	50,5	34,5	19,5	22	24
		14	1/2 NPT	54	36	19,5	24	27
	400	16	1/2 NPT	54	35,5	19,5	27	30
		20	3/4 NPT	59	37,5	20	32	36
		25	1 NPT	69	45	25	41	46
		30	1 1/4 NPT	73	46,5	25,5	46	50
	315	38	1 1/2 NPT	80	49	26	55	60

W.P.		Ø tube	thread	Dimensions				
bar		mm	M	L_1	L_2	L_3	CH_1	CH_2
LL	100	4	M 8x1 K	26,5	16	8	12	10
		6	M 10x1 K	26,5	14,5	8	12	12
		8	M 10x1 K	28,5	16,5	8	12	14

6074 Terminale a gomito

Stud Elbows

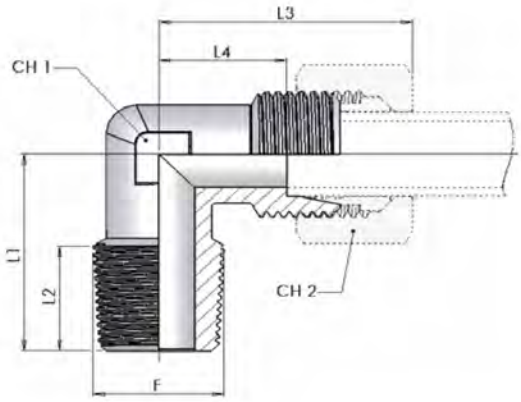


Filettatura / Thread:
BSPT (Form C DIN 3852)

W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
LL	100	4	R 1/8 K	17	8	21	11	9	10
		6	R 1/8 K	17	8	21	9,5	9	12
		8	R 1/8 K	20	8	23	11,5	12	14
		10	R 1/4 K	25	12	27	15	14	17
		12	R 1/4 K	23	12	25	13	17	19
L	315	6	R 1/8 K	20	8	27	12	12	14
		8	R 1/4 K	26	12	29	14	12	17
		8	R 3/8 K	28	12	31	16	17	17
		10	R 1/4 K	27	12	30	15	14	19
		10	R 3/8 K	28	12	32	17	17	19
		12	R 3/8 K	28	12	32	17	17	22
		12	R 1/4 K	28	12	32	17	17	22
		12	R 1/2 K	34	14	34	20	19	22
		15	R 1/2 K	34	14	36	21	19	27
		18	R 1/2 K	36	14	40	23,5	24	32
	160	22	R 3/4 K	42	16	44	27,5	27	36
		28	R 1 K	48	18	47	30,5	36	41
		35	R 1 1/4 K	54	20	56	34,5	41	50
		42	R 1 1/2 K	61	22	63	40	50	60
S	630	6	R 1/4 K	26	12	31	16	12	17
		8	R 1/4 K	27	12	32	17	14	19
		10	R 3/8 K	28	12	34	17,5	17	22
		12	R 3/8 K	28	12	38	21,5	17	24
		14	R 1/2 K	32	14	40	22	19	27
	400	16	R 1/2 K	32	14	43	24,5	24	30
		20	R 3/4 K	42	16	48	26,5	27	36
		25	R 1 K	48	18	54	30	36	46
		30	R 1 1/4 K	54	20	62	35,5	41	50
	315	38	R 1 1/2 K	61	22	72	41	50	60

6074 Terminale a gomito

Stud Elbows



Filettatura / Thread:
NPT (ANSI/ASME B1,20,1-1983)

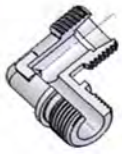
W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
LL	100	4	1/8 NPT	17	8	21	11	9	10
		6	1/8 NPT	17	8	21	9,5	9	12
		8	1/8 NPT	20	8	23	11,5	12	14
L	315	6	1/8 NPT	20	10	27	12	12	14
		8	1/4 NPT	26	15	29	14	12	17
		10	1/4 NPT	27	15	30	15	14	19
		12	3/8 NPT	28	15	32	17	17	22
		12	1/4 NPT	28	15	32	17	17	22
		12	1/2 NPT	34	19,5	35	20	19	22
		15	1/2 NPT	34	19,5	36	21	19	27
		18	1/2 NPT	36	19,5	40	23,5	24	32
	160	22	3/4 NPT	42	20	44	27,5	27	36
		28	1 NPT	48	25	47	305	36	41
		35	1 1/4 NPT	57	25,5	56	34,5	41	50
		42	1 1/2 NPT	61	26	63	40	50	60
S	630	6	1/4 NPT	26	15	31	16	12	17
		8	1/4 NPT	27	15	32	17	14	19
		10	3/8 NPT	28	15	34	17,5	17	22
		12	3/8 NPT	28	15	38	21,5	17	24
		14	1/2 NPT	34	19,5	40	22	19	27
	400	16	1/2 NPT	36	19,5	43	24,5	24	30
		20	3/4 NPT	42	20	48	26,5	27	36
		25	1 NPT	48	25	54	30	36	46
		30	1 1/4 NPT	54	25,5	62	35,5	41	50
	315	38	1 1/2 NPT	61	26	72	41	50	60

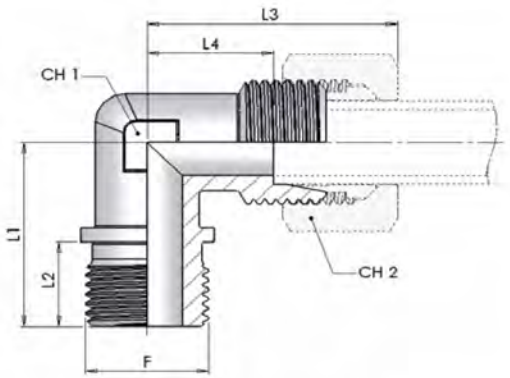
Filettatura / Thread:
Metric Taper (Form C DIN 3852)

W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
LL	100	4	M 8x1 K	17	8	21	11	9	10
		6	M 10x1 K	17	8	21	9,5	9	12
		8	M 10x1 K	20	8	23	11,5	12	14
L	315	6	M 10x1 K	20	8	27	12	12	14
		8	M 12x1,5 K	26	12	29	14	12	17
		10	M 14x1,5 K	27	12	30	15	14	19
		12	M 16x1,5 K	28	12	32	17	17	22
		15	M 18x1,5 K	32	12	36	21	19	27
		18	M 22x1,5 K	36	14	40	23,5	24	32
S	630	6	M 12x1,5 K	26	12	31	16	12	17
		8	M 14x1,5 K	27	12	32	17	14	19
		10	M 16x1,5 K	28	12	34	17,5	17	22
		12	M 18x1,5 K	28	12	38	21,5	17	24
		14	M 20x1,5 K	32	14	40	22	19	27
	400	16	M 22x1,5 K	32	14	43	24,5	24	30

7074 Terminale a gomito

Stud Elbows





Filettatura / Thread:
BSPP (Form B DIN 3852)

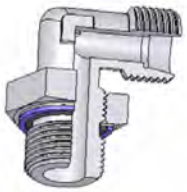
W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
L	160	22	G 3/4	43,5	15	44	27,5	27	36
		28	G 1	49	17	47	30,5	36	41
		35	G 1 1/4	57	19	56	34,5	41	50
		42	G 1 1/2	64	20	63	40	50	60
S	400	20	G 3/4	43,5	15	48	26,5	27	36
		25	G 1	49	17	54	30	36	46
		30	G 1 1/4	57	19	62	35,5	41	50
	315	38	G 1 1/2	64	20	72	41	50	60

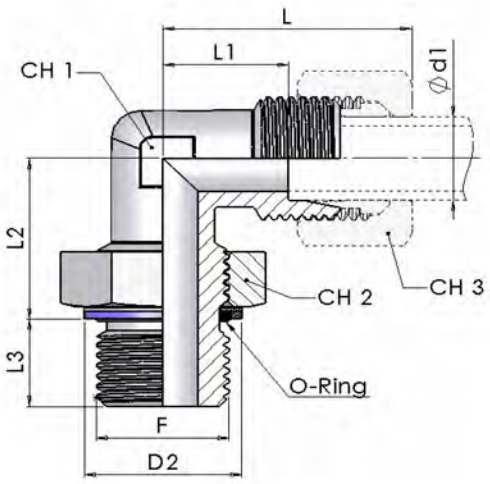
Filettatura / Thread:
Metric (Form B DIN 3852)

W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
L	160	22	M 26x1,5	43,5	15	44	27,5	27	36
		28	M 33x2	49	17	47	30,5	36	41
		35	M 42x2	57	19	56	34,5	41	50
		42	M 48x2	64	20	63	40	50	60
S	400	20	M 27x2	43,5	15	48	26,5	27	36
		25	M 33x2	49	17	54	30	36	46
		30	M 42x2	57	19	62	35,5	41	50
	315	38	M 48x2	64	20	72	41	50	60

0076 BSPP Terminale a gomito con maschio BSPP orientabile

Adjustable male stud elbows with flare-wascher thread: BSP parallel





Filettatura / Thread:
BSPP (ISO 1179-3)

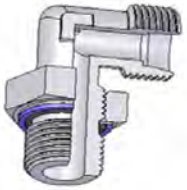
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	200	6	G 1/8	14,8	27	12	21	7	12	14	14	8x1,88
		8	G 1/4	19,8	29	14	25	9	12	19	17	10,77x2,62
		10	G 1/4	19,8	30	15	25	9	14	19	19	10,77x2,62
		12	G 3/8	22,8	32	17	29	9	17	22	22	13,94x2,62
		15	G 1/2	27,8	36	21	31	13	19	30	27	17x3,00
		18	G 1/2	27,8	40	23,5	36	13	24	30	32	17x3,00
	160	22	G 3/4	32,8	44	27,5	37	13	27	36	36	23,5x3,00
		28	G 1	40,8	47	30,5	44	15	36	41	41	29,2x3,00
		35	G 1 1/4	50,8	56	34,5	52	15	41	50	50	37,69x3,53
		42	G 1 1/2	55,8	63	40	52	15	50	55	60	44,04x3,53
S	200	6	G 1/4	19,8	31	16	25	9	12	19	17	10,77x2,62
		8	G 1/4	19,8	32	17	27	9	14	19	19	10,77x2,62
		10	G 3/8	22,8	34	17,5	29	9	17	22	22	13,94x2,62
		12	G 3/8	22,8	38	21,5	29	9	17	22	24	13,94x2,62
		16	G 1/2	27,8	43	24,5	36	13	24	30	30	17x3,00
		20	G 3/4	32,8	48	26,5	39	13	27	36	36	23,5x3,00
		25	G 1	40,8	54	30	44	15	36	41	46	29,2x3,00
	160	30	G 1 1/4	50,8	62	35,5	52	15	41	50	50	37,69x3,53
		38	G 1 1/2	55,8	72	41	54	15	50	55	60	44,04x3,53

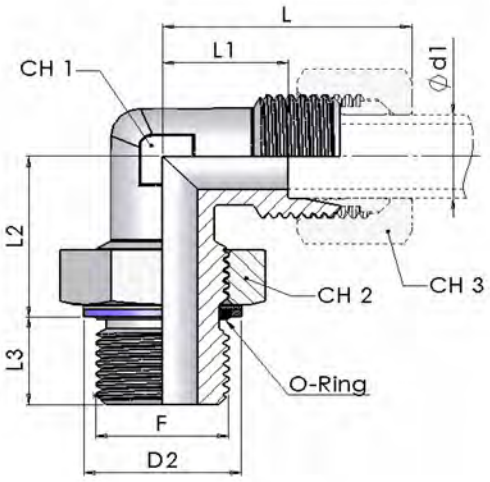
* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

0076 M Terminale a gomito con maschio Metrico orientabile

Adjustable male stud elbows with flare-wascher thread: Metric parallel





Filettatura / Thread:
Metric parallel

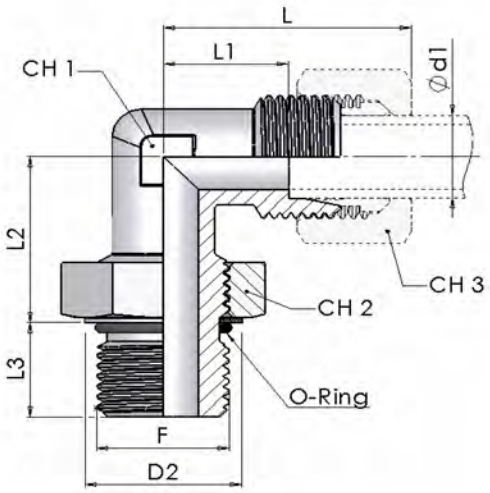
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	315	6	M10x1	14,8	27	12	21,5	7	12	14	14	8x1,8
		8	M12x1,5	17,8	29	14	23,5	9,5	12	17	17	9,3x2,2
		10	M14x1,5	19,8	30	15	26,5	9,5	14	19	19	11,3x2,2
	250	12	M16x1,5	21,8	32	17	27,5	10	17	22	22	13,3x2,2
		15	M18x1,5	23,8	36	21	29	10,5	19	24	27	15,54x2,62
		18	M22x1,5	27,8	40	23,5	35	11	24	27	32	19x2,65
	160	22	M27x2	32,8	44	27,5	38,5	13,5	27	32	36	23,47x2,95
		28	M33x2	39,8	47	30,5	41,5	13,5	36	41	41	29,4x3,1
		35	M42x2	49,8	56	34,5	50,5	13,5	41	50	50	38x3,5
		42	M48x2	55,8	63	40	51,5	15	50	55	60	40,04x3,53
S	315	6	M12x1,5	17,8	31	16	23,5	9,5	12	17	17	9,3x2,2
		8	M14x1,5	19,8	32	17	26,5	9,5	14	19	19	11,3x2,2
		10	M16x1,5	21,8	34	17,5	27,5	11	17	22	22	13,3x2,2
		12	M18x1,5	23,8	38	21,5	30	12	17	24	24	15,54x2,62
	250	16	M22x1,5	27,8	43	24,5	37	13	24	27	30	19x2,65
		20	M27x2	32,8	48	26,5	41,5	16	27	32	36	23,47x2,95
	160	25	M33x2	39,8	54	30	45,5	16	36	41	46	29,4x3,1
		30	M42x2	49,8	62	35,5	53,5	16,5	41	50	50	38x3,5
		38	M48x2	55,8	72	41	56,5	19	50	55	60	44,04x3,53

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

0076 UNF Terminale a gomito con maschio UNF

Adjustable male stud elbows with flare-wascher thread: UNF



Filettatura / Thread:
UNF/UN (ISO 11926-1)

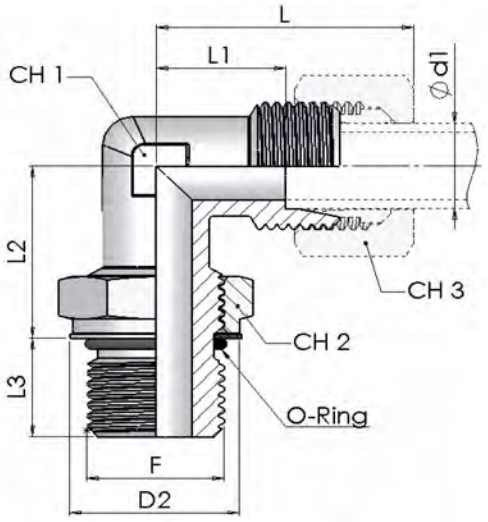
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	315	6	7/16-20	16,5	27	12	20	10	12	14	14	9,17x1,83
		8	7/16-20	16,5	29	14	20	10	12	14	17	9,17x1,83
	250	10	9/16-18	20,2	30	15	25	11	14	17	19	11,89x1,98
		12	9/16-18	20,2	32	17	25	11	17	17	22	11,89x1,98
		12	3/4-16	25,7	32	17	27	13	17	22	22	16,36x2,21
		15	3/4-16	25,7	36	21	27	13	19	22	27	16,36x2,21
	200	15	7/8-14	29,3	36	21	33	15	24	27	27	19,18x2,46
		18	7/8-14	29,3	40	23,5	33	15	24	27	32	19,18x2,46
		18	1.1/16-12	36,7	40	23,5	36	17	27	32	32	23,47x2,95
	160	22	1.1/16-12	36,7	44	27,5	36	17	27	32	36	23,47x2,95
		28	1.5/16-12	44,0	47	30,5	42	17	36	41	41	29,74x2,95
	125	35	1.5/8-12	55,0	56	34,5	48	17	41	50	50	37,47x3,00
		42	1.7/8-12	62,3	63	40	49	17	50	55	60	43,69x3,00
S	400	6	7/16-20	16,5	31	16	22	11	12	14	17	9,17x1,83
		8	9/16-18	20,2	32	17	25	12	14	17	19	11,89x1,98
		10	9/16-18	20,2	34	17,5	26	12	17	17	22	11,89x1,98
		12	3/4-16	25,7	38	21,5	30	14	17	22	24	16,36x2,21
		16	7/8-14	29,3	43	24,5	35	16	24	27	30	19,18x2,46
		20	1.1/16-12	36,7	48	26,5	39	18,5	27	32	36	23,47x2,95
	315	25	1.5/16-12	44,0	54	30	44	18,5	36	41	46	29,74x2,95
	250	30	1.5/8-12	55,0	62	35,5	51	18,5	41	50	50	37,47x3,00
	200	38	1.7/8-12	62,3	72	41	54	18,5	50	55	60	43,69x3,00

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

0576 Terminale a gomito con maschio Metrico orientabile

Adjustable male stud elbows with flare-wascher thread: Metric parallel



Filettatura / Thread:
Metric (DIN ISO 6149-1)

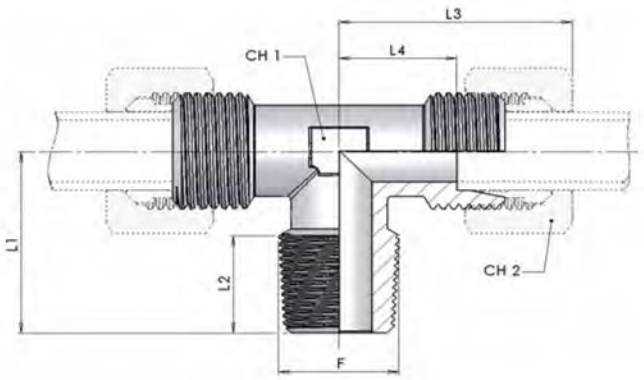
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	315	6	M10x1	14,5	27	12	21,5	8,5	12	14	14	8,1x1,6
		8	M12x1,5	17,5	29	14	23,5	11	12	17	17	9,3x2,2
		10	M14x1,5	19,5	30	15	26,5	11	14	19	19	11,3x2,2
	250	12	M16x1,5	22,5	32	17	27,5	11,5	17	22	22	13,3x2,2
		15	M18x1,5	24,5	36	21	29	12,5	19	24	27	15,3x2,2
		18	M22x1,5	27,5	40	23,5	35	13	24	27	32	19,3x2,2
	160	22	M27x2	32,5	44	27,5	38,5	16	27	32	36	23,6x2,9
		28	M33x2	41,5	47	30,5	41,5	16	36	41	41	29,6x2,9
		35	M42x2	50,5	56	34,5	50,5	16	41	50	50	38,6x2,9
		42	M48x2	55,5	63	40	51,5	17,5	50	55	60	44,6x2,9
S	400	6	M12x1,5	17,5	31	16	23,5	11	12	17	17	9,3x2,2
		8	M14x1,5	19,5	32	17	26,5	11	14	19	19	11,3x2,2
		10	M16x1,5	22,5	34	17,5	27,5	12,5	17	22	22	13,3x2,2
		12	M18x1,5	24,5	38	21,5	30	14	17	24	24	15,3x2,2
		16	M22x1,5	27,5	43	24,5	37	15	24	27	30	19,3x2,2
		20	M27x2	32,5	48	26,5	41,5	18,5	27	32	36	23,6x2,9
	315	25	M33x2	41,5	54	30	45,5	18,5	36	41	46	29,6x2,9
	250	30	M42x2	50,5	62	35,5	53,5	19	41	50	50	38,6x2,9
	200	38	M48x2	55,5	72	41	56,5	21,5	50	55	60	44,6x2,9

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

8074 Terminale a 'T'

Stud Branch Tees



Filettatura / Thread:
BSPT (Form C DIN 3852)

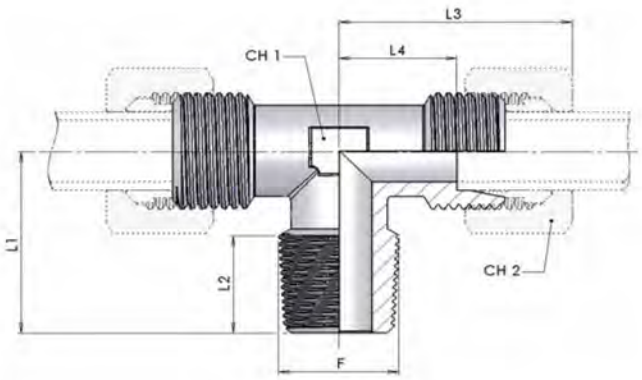
W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
LL	100	4	R 1/8 K	17	8	21	11	9	10
		6	R 1/8 K	17	8	21	9,5	9	12
		8	R 1/8 K	20	8	23	11,5	12	14
L	315	6	R 1/8 K	20	8	27	12	12	14
		8	R 1/4 K	26	12	29	14	12	17
		10	R 1/4 K	27	12	30	15	14	19
		12	R 3/8 K	28	12	32	17	17	22
		15	R 1/2 K	34	14	36	21	19	27
		18	R 1/2 K	36	14	40	23,5	24	32
	160	22	R 3/4 K	42	16	44	27,5	27	36
		28	R 1 K	48	18	47	30,5	36	41
		35	R 1 1/4 K	54	20	56	34,5	41	50
		42	R 1 1/2 K	61	22	63	40	50	60
S	630	6	R 1/4 K	26	12	31	16	12	17
		8	R 1/4 K	27	12	32	17	14	19
		10	R 3/8 K	28	12	34	17,5	17	22
		12	R 3/8 K	28	12	38	21,5	17	24
		14	R 1/2 K	32	14	40	22	19	27
	400	16	R 1/2 K	32	14	43	24,5	24	30
		20	R 3/4 K	42	16	48	26,5	27	36
		25	R 1 K	48	18	54	30	36	46
		30	R 1 1/4 K	54	20	62	35,5	41	50
	315	38	R 1 1/2 K	61	22	72	41	50	60

Filettatura / Thread:
Metric Taper (Form C DIN 3852)

W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
LL	100	4	M 8x1 K	17	8	21	11	9	10
		6	M 10x1 K	17	8	21	9,5	9	12
		8	M 10x1 K	20	8	23	11,5	12	14
L	315	6	M 10x1 K	20	8	27	12	12	14
		8	M 12x1,5 K	26	12	29	14	12	17
		10	M 14x1,5 K	27	12	30	15	14	19
		12	M 16x1,5 K	28	12	32	17	17	22
		15	M 18x1,5 K	32	12	36	21	19	27
		18	M 22x1,5 K	36	14	40	23,5	24	32
S	630	6	M 12x1,5 K	26	12	31	16	12	17
		8	M 14x1,5 K	27	12	32	17	14	19
		10	M 16x1,5 K	28	12	34	17,5	17	22
		12	M 18x1,5 K	28	12	38	21,5	17	24
	400	14	M 20x1,5 K	32	14	40	22	19	27
		16	M 22x1,5 K	32	14	43	24,5	24	30

8074 Terminale a 'T'

Stud Branch Tees

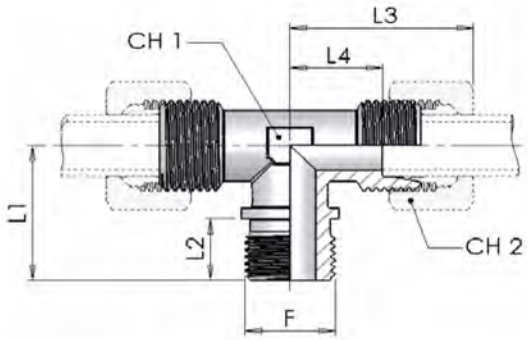


Filettatura / Thread:
NPT (ANSI/ASME B1,20,1-1983)

W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
LL	100	4	1/8 NPT	17	8	21	11	9	10
		6	1/8 NPT	17	8	21	9,5	9	12
		8	1/8 NPT	20	8	23	11,5	12	14
L	315	6	1/8 NPT	20	10	27	12	12	14
		8	1/4 NPT	26	15	29	14	12	17
		10	1/4 NPT	27	15	30	15	14	19
		12	3/8 NPT	28	15	32	17	17	22
		15	1/2 NPT	34	19,5	36	21	19	27
		18	1/2 NPT	36	19,5	40	23,5	24	32
	160	22	3/4 NPT	42	20	44	27,5	27	36
		28	1 NPT	48	25	47	30,5	36	41
		35	1 1/4 NPT	57	25,5	56	34,5	41	50
		42	1 1/2 NPT	61	26	63	40	50	60
S	630	6	1/4 NPT	26	15	31	16	12	17
		8	1/4 NPT	27	15	32	17	14	19
		10	3/8 NPT	28	15	34	17,5	17	22
		12	3/8 NPT	28	15	38	21,5	17	24
		14	1/2 NPT	34	19,5	40	22	19	27
	400	16	1/2 NPT	36	19,5	43	24,5	24	30
		20	3/4 NPT	42	20	48	26,5	27	36
		25	1 NPT	48	25	54	630	36	46
		30	1 1/4 NPT	57	25,5	62	35,5	41	50
	315	38	1 1/2 NPT	61	26	72	41	50	60

9074 Terminale a 'T'

Stud Branch Tees



Filettatura / Thread:
BSPP (Form B DIN 3852)

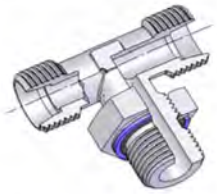
W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
L	160	22	G 3/4	43,5	15	44	27,5	27	36
		28	G 1	49	17	47	30,5	36	41
		35	G 1 1/4	57	19	56	34,5	41	50
		42	G 1 1/2	64	20	63	40	50	60
S	400	20	G 3/4	43,5	15	48	26,5	27	36
		25	G 1	49	17	54	30	36	46
		30	G 1 1/4	57	19	62	35,5	41	50
	315	38	G 1 1/2	64	20	72	441	50	60

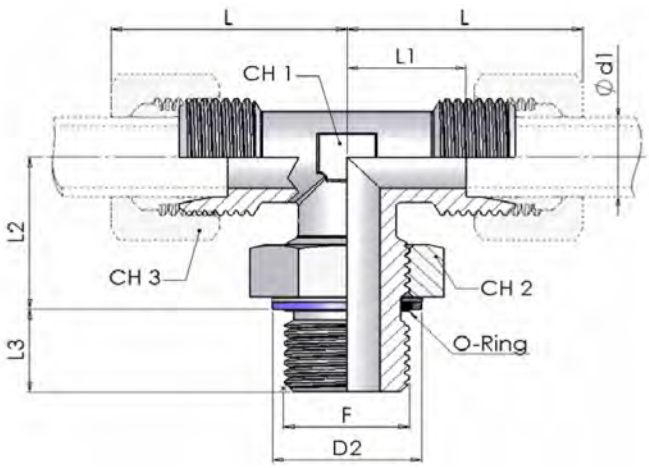
Filettatura / Thread:
Metric (Form B DIN 3852)

W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
L	160	22	M 26x1,5	43,5	15	44	27,5	27	36
		28	M 33x2	49	17	47	30,5	36	41
		35	M 42x2	57	19	56	34,5	41	50
		42	M 48x2	64	20	63	40	50	60
S	400	20	M 27x2	43,5	15	48	26,5	27	36
		25	M 33x2	49	17	54	30	36	46
		30	M 42x2	57	19	62	35,5	41	50
	315	38	M 48x2	64	20	72	441	50	60

2076 BSPP Terminale a T con Maschio orientabile BSPP centrale

Adjustable male stud branch tees with flare-wascher thread: BSP parallel





Filettatura / Thread:
BSPP (ISO 1179-3)

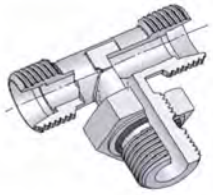
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	200	6	G 1/8	14,8	27	12	21	7	12	14	14	8x1,88
		8	G 1/4	19,8	29	14	25	9	12	19	17	10,77x2,62
		10	G 1/4	19,8	30	15	25	9	14	19	19	10,77x2,62
		12	G 3/8	22,8	32	17	29	9	17	22	22	13,94x2,62
		15	G 1/2	27,8	36	21	31	13	19	30	27	17x3,00
		18	G 1/2	27,8	40	23,5	36	13	24	30	32	17x3,00
	160	22	G 3/4	32,8	44	27,5	37	13	27	36	36	23,5x3,00
		28	G 1	40,8	47	30,5	44	15	36	41	41	29,2x3,00
		35	G 1 1/4	50,8	56	34,5	52	15	41	50	50	37,69x3,53
		42	G 1 1/2	55,8	63	40	52	15	50	55	60	44,04x3,53
S	200	6	G 1/4	19,8	31	16	25	9	12	19	17	10,77x2,62
		8	G 1/4	19,8	32	17	27	9	14	19	19	10,77x2,62
		10	G 3/8	22,8	34	17,5	29	9	17	22	22	13,94x2,62
		12	G 3/8	22,8	38	21,5	29	9	17	22	24	13,94x2,62
		16	G 1/2	27,8	43	24,5	36	13	24	30	30	17x3,00
		20	G 3/4	32,8	48	26,5	39	13	27	36	36	23,5x3,00
		25	G 1	40,8	54	30	44	15	36	41	46	29,2x3,00
	160	30	G 1 1/4	50,8	62	35,5	52	15	41	50	50	37,69x3,53
		38	G 1 1/2	55,8	72	41	54	15	50	55	60	44,04x3,53

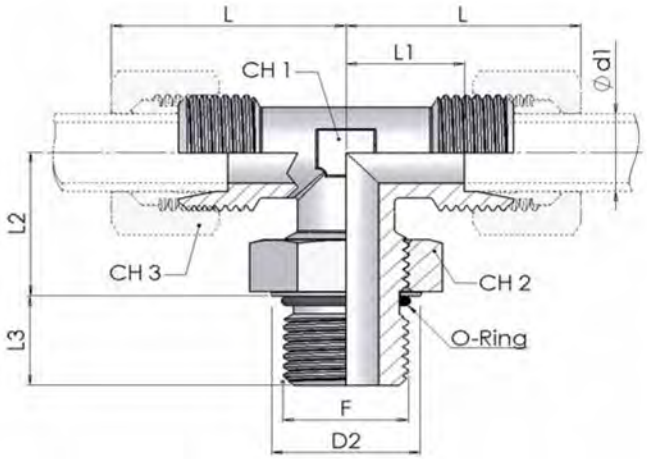
* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

2076 UNF Terminale a T con Maschio orientabile UNF centrale

Adjustable male stud branch tees with flare-wascher thread: UNF





Filettatura / Thread:
UNF/UN (ISO 11926-1)

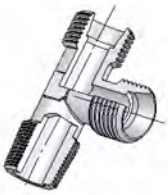
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	315	6	7/16-20	16,5	27	12	20	10	12	14	14	9,17x1,83
		8	7/16-20	16,5	29	14	20	10	12	14	17	9,17x1,83
	250	10	9/16-18	20,2	30	15	25	11	14	17	19	11,89x1,98
		12	9/16-18	20,2	32	17	25	11	17	17	22	11,89x1,98
		12	3/4-16	25,7	32	17	27	13	17	22	22	16,36x2,21
		15	3/4-16	25,7	36	21	27	13	19	22	27	16,36x2,21
	200	15	7/8-14	29,3	36	21	33	15	24	27	27	19,18x2,46
		18	7/8-14	29,3	40	23,5	33	15	24	27	32	19,18x2,46
		18	1.1/16-12	36,7	40	23,5	36	17	27	32	32	23,47x2,95
	160	22	1.1/16-12	36,7	44	27,5	36	17	27	32	36	23,47x2,95
		28	1.5/16-12	44,0	47	30,5	42	17	36	41	41	29,74x2,95
	125	35	1.5/8-12	55,0	56	34,5	48	17	41	50	50	37,47x3,00
		42	1.7/8-12	62,3	63	40	49	17	50	55	60	43,69x3,00
S	400	6	7/16-20	16,5	31	16	22	11	12	14	17	9,17x1,83
		8	9/16-18	20,2	32	17	25	12	14	17	19	11,89x1,98
		10	9/16-18	20,2	34	17,5	26	12	17	17	22	11,89x1,98
		12	3/4-16	25,7	38	21,5	30	14	17	22	24	16,36x2,21
		16	7/8-14	29,3	43	24,5	35	16	24	27	30	19,18x2,46
		20	1.1/16-12	36,7	48	26,5	39	18,5	27	32	36	23,47x2,95
	315	25	1.5/16-12	44,0	54	30	44	18,5	36	41	46	29,74x2,95
	250	30	1.5/8-12	55,0	62	35,5	51	18,5	41	50	50	37,47x3,00
	200	38	1.7/8-12	62,3	72	41	54	18,5	50	55	60	43,69x3,00

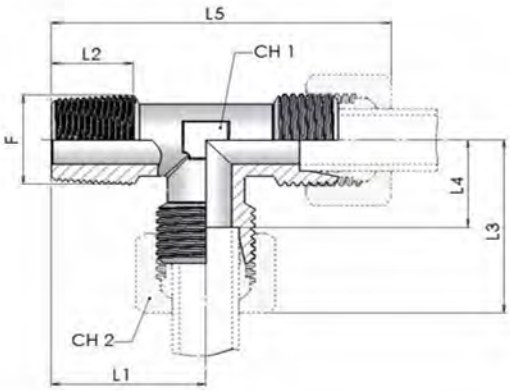
* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

8071 Terminale a 'L'

Stud Barrel Tees





Filettatura / Thread:
BSPT (Form C DIN 3852)

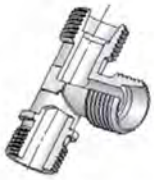
W.P.		Ø tube	thread	Dimensions						
bar		mm	F	L_1	L_2	L_3	L_4	L_5	CH_1	CH_2
LL	100	4	R 1/8 K	17	8	21	11	38	9	10
		6	R 1/8 K	17	8	21	9,5	38	9	12
		8	R 1/8 K	20	8	23	11,5	43	12	14
L	315	6	R 1/8 K	20	8	27	12	47	12	14
		8	R 1/4 K	26	12	29	14	55	12	17
		10	R 1/4 K	27	12	30	15	57	14	19
		12	R 3/8 K	28	12	32	17	60	17	22
		15	R 1/2 K	34	14	36	21	70	19	27
		18	R 1/2 K	36	14	40	23,5	76	24	32
	160	22	R 3/4 K	42	16	44	27,5	86	27	36
		28	R 1 K	48	18	47	30,5	95	36	41
S	630	6	R 1/4 K	26	12	31	16	57	12	17
		8	R 1/4 K	27	12	32	17	59	14	19
		10	R 3/8 K	28	12	34	17,5	62	17	22
		12	R 3/8 K	28	12	38	21,5	66	17	24
	400	16	R 1/2 K	32	14	43	24,5	75	24	30
		20	R 3/4 K	42	16	48	26,5	90	27	36
		25	R 1 K	48	18	54	30	102	36	46
		30	R 1 1/4 K	54	20	62	35,5	116	41	50

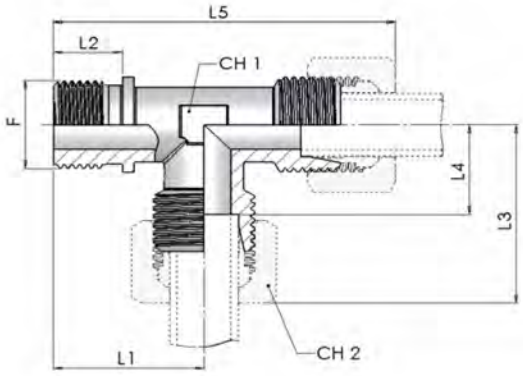
Filettatura / Thread:
Metric Taper (Form C DIN 3852)

W.P.		Ø tube	thread	Dimensions						
bar		mm	F	L_1	L_2	L_3	L_4	L_5	CH_1	CH_2
LL	100	4	M 8x1 K	17	8	21	11	38	9	10
		6	M 10x1 K	17	8	21	9,5	38	9	12
		8	M 10x1 K	20	8	23	11,5	43	12	14
L	315	6	M 10x1 K	20	8	27	12	47	12	14
		8	M 12x1,5 K	26	12	29	14	55	12	17
		10	M 14x1,5 K	27	12	30	15	57	14	19
		12	M 16x1,5 K	28	12	32	17	60	17	22
		15	M 18x1,5 K	32	12	36	21	70	19	27
		18	M 22x1,5 K	36	14	40	23,5	76	24	32

9071 Terminale a 'L'

Stud Barrel Tees





Filettatura / Thread:
BSPP (Form B DIN 3852)

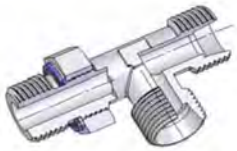
W.P.		Ø tube	thread	Dimensions						
bar		mm	F	L_1	L_2	L_3	L_4	L_5	CH_1	CH_2
L	160	22	G 3/4	43,5	15	44	27,5	87,5	27	36
		28	G 1	49	17	47	30,5	96	36	41
		35	G 1 1/4	57	19	56	34,5	113	41	50
		42	G 1 1/2	64	20	63	40	127	50	60
S	400	20	G 3/4	43,5	15	48	26,5	91,5	27	36
		25	G 1	49	17	54	30	103	36	46
	250	30	G 1 1/4	57	19	62	35,5	119	41	50
		38	G 1 1/2	64	20	72	41	136	50	60

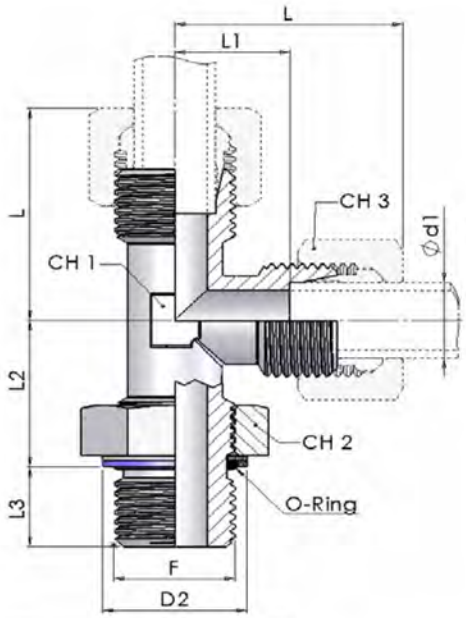
Filettatura / Thread:
Metric (Form B DIN 3852)

W.P.		Ø tube	thread	Dimensions						
bar		mm	F	L_1	L_2	L_3	L_4	L_5	CH_1	CH_2
L	160	22	M 26x1,5	43,5	15	44	27,5	87,5	27	36
		28	M 33x2	49	17	47	30,5	96	36	41
		35	M 42x2	57	19	56	34,5	113	41	50
		42	M 48x2	64	20	63	40	127	50	60
S	400	20	M 27x2	43,5	15	48	26,5	91,5	27	36
		25	M 33x2	49	17	54	30	103	36	46
		30	M 42x2	57	19	62	35,5	119	41	50
	315	38	M 48x2	64	20	72	41	136	50	60

1076 BSPP Terminale a T con Maschio orientabile BSPP laterale

Adjustable male stud run tees with flare-wascher thread: BSP parallel





Filettatura / Thread:
BSPP (ISO 1179-3)

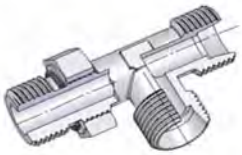
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	200	6	G 1/8	14,8	27	12	21	7	12	14	14	8x1,88
		8	G 1/4	19,8	29	14	25	9	12	19	17	10,77x2,62
		10	G 1/4	19,8	30	15	25	9	14	19	19	10,77x2,62
		12	G 3/8	22,8	32	17	29	9	17	22	22	13,94x2,62
		15	G 1/2	27,8	36	21	31	13	19	30	27	17x3,00
		18	G 1/2	27,8	40	23,5	36	13	24	30	32	17x3,00
	160	22	G 3/4	32,8	44	27,5	37	13	27	36	36	23,5x3,00
		28	G 1	40,8	47	30,5	44	15	36	41	41	29,2x3,00
		35	G 1 1/4	50,8	56	34,5	52	15	41	50	50	37,69x3,53
		42	G 1 1/2	55,8	63	40	52	15	50	55	60	44,04x3,53
S	200	6	G 1/4	19,8	31	16	25	9	12	19	17	10,77x2,62
		8	G 1/4	19,8	32	17	27	9	14	19	19	10,77x2,62
		10	G 3/8	22,8	34	17,5	29	9	17	22	22	13,94x2,62
		12	G 3/8	22,8	38	21,5	29	9	17	22	24	13,94x2,62
		16	G 1/2	27,8	43	24,5	36	13	24	30	30	17x3,00
		20	G 3/4	32,8	48	26,5	39	13	27	36	36	23,5x3,00
		25	G 1	40,8	54	30	44	15	36	41	46	29,2x3,00
	160	30	G 1 1/4	50,8	62	35,5	52	15	41	50	50	37,69x3,53
		38	G 1 1/2	55,8	72	41	54	15	50	55	60	44,04x3,53

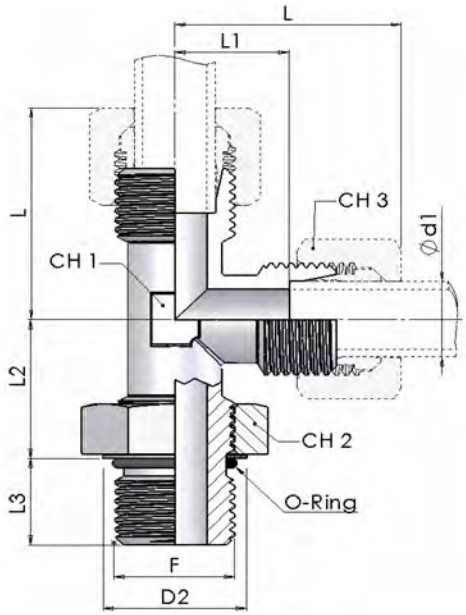
* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

1076 UNF Terminale a T con Maschio orientabile UNF laterale

Adjustable male stud run tees with flare-washer thread: UNF





Filettatura / Thread:
UNF/UN (ISO 11926-1)

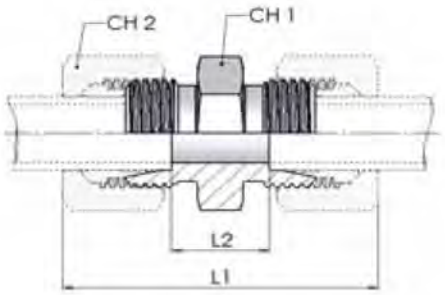
W.P.		tube Ød1	thread	Dimensions								O.Ring*
bar		mm	F	D2	L	L1	L2	L3	CH1	CH2	CH3	mm
L	315	6	7/16-20	16,5	27	12	20	10	12	14	14	9,17x1,83
		8	7/16-20	16,5	29	14	20	10	12	14	17	9,17x1,83
	250	10	9/16-18	20,2	30	15	25	11	14	17	19	11,89x1,98
		12	9/16-18	20,2	32	17	25	11	17	17	22	11,89x1,98
		12	3/4-16	25,7	32	17	27	13	17	22	22	16,36x2,21
		15	3/4-16	25,7	36	21	27	13	19	22	27	16,36x2,21
	200	15	7/8-14	29,3	36	21	33	15	24	27	27	19,18x2,46
		18	7/8-14	29,3	40	23,5	33	15	24	27	32	19,18x2,46
		18	1.1/16-12	36,7	40	23,5	36	17	27	32	32	23,47x2,95
	160	22	1.1/16-12	36,7	44	27,5	36	17	27	32	36	23,47x2,95
		28	1.5/16-12	44,0	47	30,5	42	17	36	41	41	29,74x2,95
	125	35	1.5/8-12	55,0	56	34,5	48	17	41	50	50	37,47x3,00
		42	1.7/8-12	62,3	63	40	49	17	50	55	60	43,69x3,00
S	400	6	7/16-20	16,5	31	16	22	11	12	14	17	9,17x1,83
		8	9/16-18	20,2	32	17	25	12	14	17	19	11,89x1,98
		10	9/16-18	20,2	34	17,5	26	12	17	17	22	11,89x1,98
		12	3/4-16	25,7	38	21,5	30	14	17	22	24	16,36x2,21
		16	7/8-14	29,3	43	24,5	35	16	24	27	30	19,18x2,46
		20	1.1/16-12	36,7	48	26,5	39	18,5	27	32	36	23,47x2,95
	315	25	1.5/16-12	44,0	54	30	44	18,5	36	41	46	29,74x2,95
	250	30	1.5/8-12	55,0	62	35,5	51	18,5	41	50	50	37,47x3,00
	200	38	1.7/8-12	62,3	72	41	54	18,5	50	55	60	43,69x3,00

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

0075 Intermedio diritto

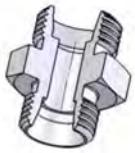
Straight couplings

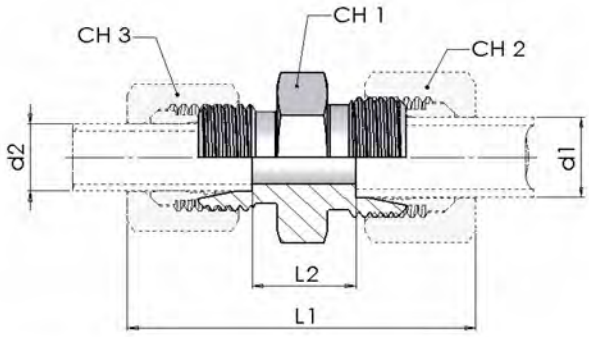


W.P.		Ø tube		Dimensions			
bar		mm		L_1	L_2	CH_1	CH_2
LL	100	4		31	12	12	10
		6		32	9	12	12
		8		35	12	12	14
		10		35	12	14	17
		12		35	11	17	19
L	315	6		39	10	12	14
		8		40	11	14	17
		10		42	13	17	19
		12		43	14	19	22
		15		46	16	24	27
		18		48	16	27	32
	160	22		52	20	32	36
		28		54	21	41	41
		35		63	20	46	50
		42		66	21	55	60
S	630	6		45	16	14	17
		8		47	18	17	19
		10		49	17	19	22
		12		51	19	22	24
		14		57	22	24	27
	400	16		57	21	27	30
		20		66	23	32	36
		25		74	26	41	46
		30		80	27	46	50
	315	38		90	29	55	60

1075 Intermedio diritto ridotto

Reduced Straight couplings

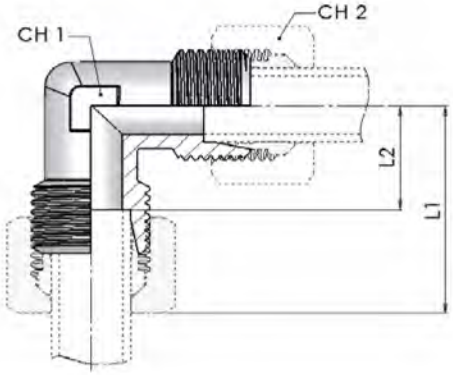




W.P.		Ø tube		Dimensions				
		d1	d2					
bar		mm	mm	L1	L2	CH1	CH2	CH3
LL	100	6	4	32	10,5	12	12	10
		8	4	34	12,5	12	14	10
		8	6	34	11	12	14	12
L	315	8	6	40,5	11	14	17	14
		10	6	41,5	12	17	19	14
		10	8	42	12	17	19	17
		12	6	42	13	19	22	14
		12	8	42,5	13	19	22	17
		12	10	43,5	14	19	22	19
		15	10	45	15	24	27	19
		15	12	44,5	15	24	27	22
		18	10	47	15,5	27	32	19
		18	12	46,5	15,5	27	32	22
		18	15	48	16,5	27	32	27
	160	22	12	48,5	17,5	32	36	22
		22	15	50	18,5	32	36	27
		22	18	51	18	32	36	32
		28	18	52	19	41	41	32
		28	22	54	21	41	41	36
		35	22	59	21	46	50	36
		35	28	59	21	46	50	41
S	630	8	6	48	18	17	19	17
		10	6	48,5	17,5	19	22	17
		10	8	48,5	17,5	19	22	19
		12	6	50,5	19,5	22	24	17
		12	8	50,5	19,5	22	24	19
		12	10	51	19	22	24	22
		14	10	54,5	20,5	24	27	22
		14	12	54,5	20,5	24	27	24
	400	16	12	54,5	20	27	30	24
		16	14	58	21,5	27	30	27
		20	10	59,5	22	32	36	22
		20	12	59,5	22	332	36	24
		20	16	63	23	32	36	30
		25	16	68	25,5	41	46	30
		25	20	71	25,5	41	46	36
		30	20	74	26	46	50	36
		30	25	77	26,5	46	50	46
	315	38	30	87	29,5	55	60	50

2075 Intermedio a gomito

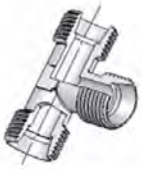
Equal Elbows

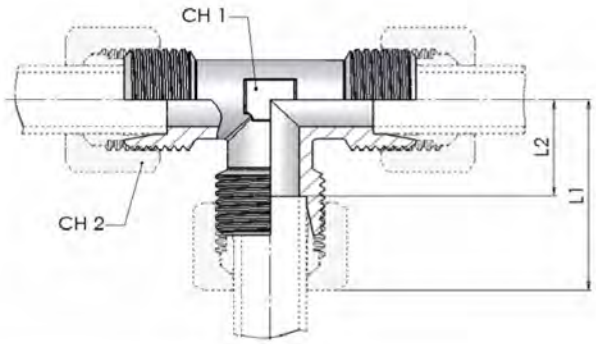


W.P.		Ø tube		Dimensions			
bar		mm		L_1	L_2	CH_1	CH_2
LL	100	4		21	11	10	9
		6		21	9,5	12	9
		8		21	11	9	10
		10		21	9,5	9	12
		12		23	11,5	12	14
L	315	6		27	12	12	14
		8		29	14	12	17
		10		30	15	14	19
		12		32	17	17	22
		15		36	21	19	27
		18		40	23,5	24	32
	160	22		44	27,5	27	36
		28		47	30,5	36	41
		35		56	34,5	41	50
		42		63	40	50	60
S	630	6		31	16	12	17
		8		32	17	14	19
		10		34	17,5	17	22
		12		38	21,5	17	24
		14		40	22	19	27
	400	16		43	24,5	24	30
		20		48	26,5	27	36
		25		54	30	36	46
		30		62	35,5	41	50
	315	38		72	41	50	60

0070 Intermedio a 'T'

Equal Tees

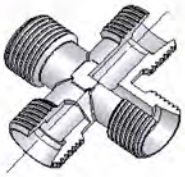


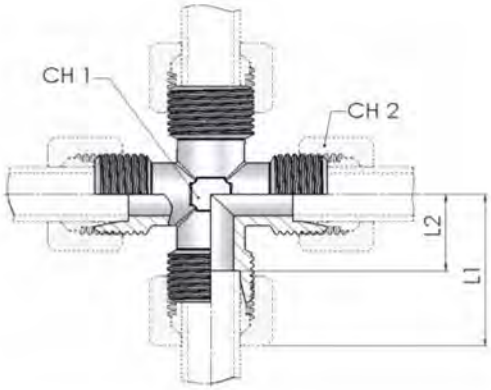


W.P.		Ø tube		Dimensions			
bar		mm		L_1	L_2	CH_1	CH_2
LL	100	4		21	11	9	10
		6		21	9,5	9	12
		8		23	11,5	12	14
		10		27	15	14	17
		12		25	13	17	19
L	315	6		27	12	12	14
		8		29	14	12	17
		10		30	15	14	19
		12		32	17	17	22
		15		36	21	19	27
		18		40	23,5	24	32
	160	22		44	27,5	27	36
		28		47	30,5	36	41
		35		56	34,5	41	50
		42		63	40	50	60
S	630	6		31	16	12	17
		8		32	17	14	19
		10		34	17,5	17	22
		12		38	21,5	17	24
		14		40	22	19	27
	400	16		16	43	24,5	24
		20		20	48	26,5	27
		25		25	54	30	36
		30		30	62	35,5	41
	315	38		38	72	41	50

1070 Intermedio a croce

Equal Crosses

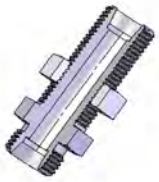


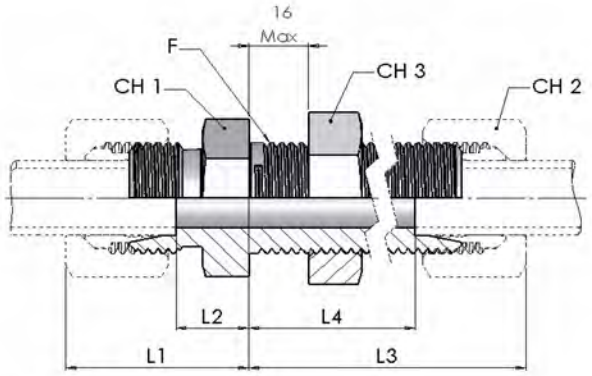


W.P.		Ø tube		Dimensions			
bar		mm		L_1	L_2	CH_1	CH_2
LL	100	4		21	11	9	10
		6		21	9,5	9	12
		8		23	11,5	12	14
L	315	6		27	12	12	14
		8		29	14	12	17
		10		30	15	14	19
		12		32	17	17	22
		15		36	21	19	27
		18		40	23,5	24	32
	160	22		44	27,5	27	36
		28		47	30,5	36	41
		35		56	34,5	41	50
		42		63	40	50	60
S	630	6		31	16	12	17
		8		32	17	14	19
		10		34	17,5	17	22
		12		38	21,5	17	24
		14		40	22	19	27
	400	16		43	24,5	24	30
		20		48	26,5	27	36
		25		54	30	36	46
		30		62	35,5	41	50
	315	38		72	41	50	60

2070 Passaparete Diritto

Straight Bulkhead Union

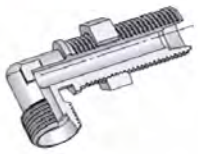


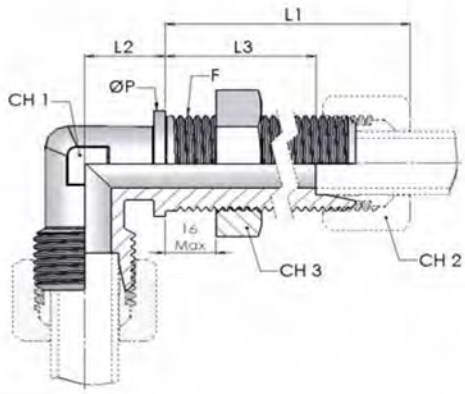


W.P.		Ø tube	thread	Dimensions						
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2	CH_3
L	315	6	M 12x1,5	22	7	42	27	17	14	17
		8	M 14x1,5	23	8	42	27	19	17	19
		10	M 16x1,5	25	10	43	28	22	19	22
		12	M 18x1,5	25	10	44	29	24	22	24
		15	M 22x1,5	27	12	46	31	27	27	30
		18	M 26x1,5	30	13,5	49	32,5	32	32	36
	160	22	M 30x2	33	16,5	51	34,5	36	36	41
		28	M 36x2	35	18,5	52	35,5	41	41	46
		35	M 45x2	40	18,5	58	36,5	50	50	55
		42	M 52x2	42	19	59	36	60	60	65
S	630	6	M 14x1,5	27	12	44	29	19	17	19
		8	M 16x1,5	28	13	44	29	22	19	22
		10	M 18x1,5	31	14,5	46	29,5	24	22	24
		12	M 20x1,5	31	14,5	47	30,5	27	24	27
		14	M 22x1,5	35	17	50	32	30	27	30
	400	16	M 24x1,5	35	16,5	50	31,5	32	30	32
		20	M 30x2	39	17,5	55	33,5	41	36	41
		25	M 36x2	44	20	59	35	46	46	46
		30	M 42x2	48	21,5	64	37,5	50	50	50
	315	38	M 52x2	53	22	68	30	65	60	65

3071 Passaparete a 90°

Bulkhead 90° Elbow Union

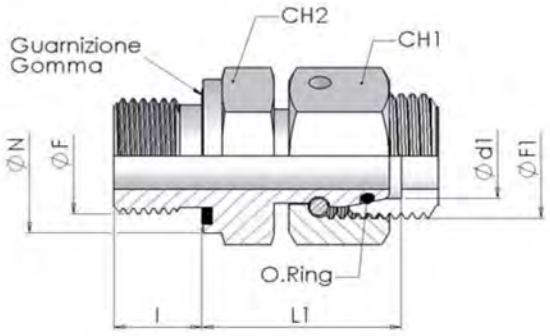




W.P.		Ø tube	thread	Dimensions						
bar		mm	F	L_1	L_2	L_3	ØP	CH_1	CH_2	CH_3
L	315	6	M 12x1,5	42	14	27	17	12	14	17
		8	M 14x1,5	42	17	27	19	12	17	19
		10	M 16x1,5	43	18	28	22	14	19	22
		12	M 18x1,5	44	20	29	24	17	22	24
		15	M 22x1,5	46	23	31	27	19	27	30
		18	M 26x1,5	49	24	32,5	32	24	32	36
	160	22	M 30x2	51	30	34,5	36	27	36	41
		28	M 36x2	52	34	35,5	42	36	41	46
		35	M 45x2	58	39	36,5	50	41	50	55
		42	M 52x2	59	43	36	60	50	60	65
S	630	6	M 14x1,5	44	17	29	19	12	17	19
		8	M 16x1,5	44	18	29	22	14	19	22
		10	M 18x1,5	46	20	29,5	24	17	22	24
		12	M 20x1,5	47	21	30,5	27	17	24	27
		14	M 22x1,5	50	23	32	27	19	27	30
	400	16	M 24x1,5	50	24	31,5	30	24	30	32
		20	M 30x2	55	30	33,5	36	27	36	41
		25	M 36x2	59	34	35	42	36	46	46
		30	M 42x2	64	39	37,5	50	41	50	50
	315	38	M 52x2	68	43	37	60	50	60	65

6073 Raccordo diritto per combinazioni guarnizione gomma / O. Ring

Stud/Standpipe Adaptors Packing ring/ O.Ring Sea



Filettatura / Thread:
BSPP (Form E DIN 3852)

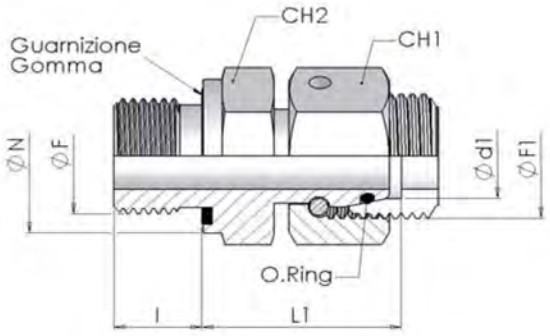
W.P.		Ø tube	Dimensions							O.Ring*
bar		d1	L_1	ØF	l	CH_2	ØN	$ØF_1$	CH_1	mm
L	315	6	24,5	1/8"	8	14	14	12x1,5	14	4x1,5
		8	29,5	1/4"	12	19	19	14x1,5	17	6x1,5
		10	27,5	1/4"	12	19	19	16x1,5	19	7,5x1,5
		12	34	3/8"	12	22	22	18x1,5	22	9x1,5
		15	32	1/2"	14	27	27	22x1,5	27	12x2
		18	31,5	1/2"	14	27	27	26x1,5	32	15x2
	160	22	32,5	3/4"	16	32	32	30x2	36	20x2
		28	35	1"	18	41	40	36x2	41	26x2
		35	42,5	1" 1/4	20	50	50	45x2	50	32x2,5
		42	46,5	1" 1/2	22	55	55	52x2	60	38x2,5
S	630	6	27	1/4"	12	19	19	14x1,5	17	4x1,5
		8	29,5	1/4"	12	19	19	16x1,5	19	6x1,5
		10	32	3/8"	12	22	22	18x1,5	22	7,5x1,5
		12	34	3/8"	12	22	22	20x1,5	24	9x1,5
		14	36,5	1/2"	14	27	27	22x1,5	27	10x2
	400	16	37	1/2"	14	27	27	24x1,5	30	12x2
		20	43	3/4"	16	32	32	30x2	36	16,3x2,4
		25	48	1"	18	41	40	36x2	46	20,3x2,4
		30	51	1" 1/4	20	50	50	42x2	50	25,3x2,4
	315	38	60	1" 1/2	22	55	55	52x2	60	33,3x2,4

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

6073 Raccordo diritto per combinazioni guarnizione gomma / O. Ring

Stud/Standpipe Adaptors Packing ring/ O.Ring Sea



Filettatura / Thread:
Metric (Form E DIN 3852)

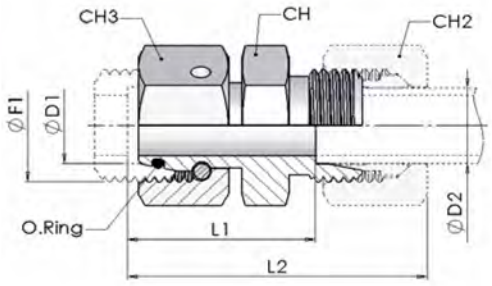
W.P.		Ø tube	Dimensions							O.Ring*
bar		d1	L1	ØF	l	CH2	ØN	ØF1	CH1	mm
L	315	6	24,5	10x1	8	14	14	12x1,5	14	4x1,5
		8	26,5	12x1,5	12	17	17	14x1,5	17	6x1,5
		10	27,5	14x1,5	12	19	19	16x1,5	19	7,5x1,5
		12	30,5	16x1,5	12	22	22	18x1,5	22	9x1,5
		15	31,5	18x1,5	12	24	24	22x1,5	27	12x2
		18	31,5	22x1,5	14	27	27	26x1,5	32	15x2
	160	22	32,5	26x1,5	16	32	32	30x2	36	20x2
		28	35	33x2	18	41	40	36x2	41	26x2
		35	42,5	42x2	20	50	50	45x2	50	32x2,5
		42	46,5	48x2	22	55	55	52x2	60	38x2,5
S	630	6	27	12x1,5	12	17	17	14x1,5	17	4x1,5
		8	29,5	14x1,5	12	19	19	16x1,5	19	6x1,5
		10	32	16x1,5	12	22	22	18x1,5	22	7,5x1,5
		12	34	18x1,5	12	24	24	20x1,5	24	9x1,5
		14	36,5	20x1,5	14	27	26	22x1,5	27	10x2
	400	16	37	22x1,5	14	27	27	24x1,5	30	12x2
		20	43	27x2	16	32	32	30x2	36	16,3x2,4
		25	48	33x2	18	41	40	36x2	46	20,3x2,4
		30	51	42x2	20	50	50	42x2	50	25,3x2,4
	315	38	60	48x2	22	55	55	52x2	60	33,3x2,4

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

7073 Raccordo di riduzione semplice con O. Ring - (serie L)

Standpipe/Tube Reducers 'L' Series with O.Ring Seal



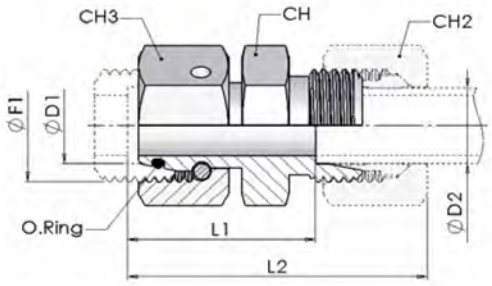
W.P.		Dimensions								O.Ring*
bar		ØD1	ØD2	L1	L2	CH2	CH3	ØF1	CH	mm
L	315	8	6	23,5	38	14	17	14x1,5	12	6x1,5
		10	6	25,0	40	14	19	16x1,5	14	7,5x1,5
		10	8	25,0	40	17	19	16x1,5	14	7,5x1,5
		12	6	25,0	40	14	22	18x1,5	17	9x1,5
		12	8	25,0	40	17	22	18x1,5	17	9x1,5
		12	10	26,0	41	19	22	18x1,5	17	9x1,5
		15	6	28,5	43	14	27	22x1,5	19	12x2
		15	8	28,5	43	17	27	22x1,5	19	12x2
		15	10	29,5	44	19	27	22x1,5	19	12x2
		15	12	29,5	44	22	27	22x1,5	19	12x2
		18	6	28,0	43	14	32	26x1,5	24	15x2
		18	8	28,0	43	17	32	26x1,5	24	15x2
		18	10	29,0	44	19	32	26x1,5	24	15x2
		18	12	29,0	44	22	32	26x1,5	24	15x2
		18	15	30,0	45	27	32	26x1,5	24	15x2
	160	22	6	32,0	47	14	36	30x2	27	20x2
		22	8	32,0	47	17	36	30x2	27	20x2
		22	10	33,0	48	19	36	30x2	27	20x2
		22	12	33,0	48	22	36	30x2	27	20x2
		22	15	34,0	49	27	36	30x2	27	20x2
		22	18	33,5	50	32	36	30x2	27	20x2
		28	6	34,0	49	14	41	36x2	32	26x2
		28	8	34,0	49	17	41	36x2	32	26x2
		28	10	35,0	50	19	41	36x2	32	26x2
		28	12	35,0	50	22	41	36x2	32	26x2
		28	15	36,0	51	27	41	36x2	32	26x2
		28	18	36,5	52	32	41	36x2	32	26x2
		28	22	37,5	54	36	41	36x2	32	26x2
		35	6	37,0	52	14	50	45x2	41	32x2,5
		35	8	37,0	52	17	50	45x2	41	32x2,5
		35	10	38,0	53	19	50	45x2	41	32x2,5
		35	12	38,0	53	22	50	45x2	41	32x2,5
		35	15	39,0	54	27	50	45x2	41	32x2,5
		35	18	38,5	55	32	50	45x2	41	32x2,5
		35	22	40,5	57	36	50	45x2	41	32x2,5
		35	28	40,5	57	41	50	45x2	41	32x2,5
		42	6	40,5	55	14	60	52x2	50	38x2,5
		42	8	40,5	55	17	60	52x2	50	38x2,5
		42	10	41,5	56	19	60	52x2	50	38x2,5
		42	12	41,5	56	22	60	52x2	50	38x2,5
		42	15	42,5	58	27	60	52x2	50	38x2,5
		42	18	42,0	58	32	60	52x2	50	38x2,5
		42	22	44,0	60	36	60	52x2	50	38x2,5
		42	28	44,0	61	41	60	52x2	50	38x2,5
		42	35	43,0	65	50	60	52x2	50	38x2,5

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

* - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C

7073 Raccordo di riduzione semplice con O. Ring - (serie S)

Standpipe/Tube Reducers 'S' Series with O.Ring Seal



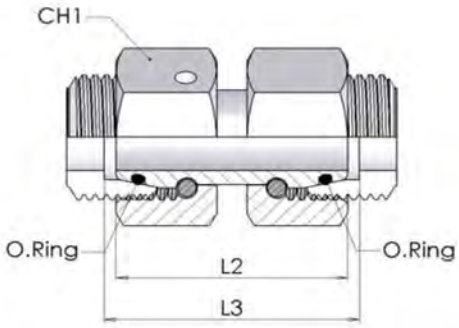
W.P.		Dimensions								O.Ring*
bar		ØD1	ØD2	L1	L2	CH2	CH3	ØF1	CH	mm
S	630	8	6	27,0	42	17	19	16x1,5	14	6x1,5
		10	6	27,5	42	17	22	18x1,5	17	7,5x1,5
		10	8	27,5	42	19	22	18x1,5	17	7,5x1,5
		12	6	29,0	44	17	24	20x1,5	17	9x1,5
		12	8	29,0	44	19	24	20x1,5	17	9x1,5
		12	10	29,5	46	22	24	20x1,5	19	9x1,5
		14	6	31,5	46	17	27	22x1,5	19	10x2
		14	8	31,5	46	19	27	22x1,5	19	10x2
		14	10	31,0	47	22	27	22x1,5	19	10x2
		14	12	31,0	47	24	27	22x1,5	22	10x2
	400	16	6	32,0	47	17	30	24x1,5	22	12x2
		16	8	32,0	47	19	30	24x1,5	22	12x2
		16	10	31,5	48	22	30	24x1,5	22	12x2
		16	12	31,5	48	24	30	24x1,5	22	12x2
		16	14	33,0	51	27	30	24x1,5	24	12x2
		20	6	36,0	51	17	36	30x2	27	16,3x2,4
		20	8	36,0	51	19	36	30x2	27	16,3x2,4
		20	10	35,5	52	22	36	30x2	27	16,3x2,4
		20	12	35,5	52	24	36	30x2	27	16,3x2,4
		20	14	37,0	55	27	36	30x2	27	16,3x2,4
		20	16	36,5	55	30	36	30x2	27	16,3x2,4
		25	6	38,5	53	17	46	36x2	32	20,3x2,4
		25	8	38,5	53	19	46	36x2	32	20,3x2,4
		25	10	38,0	54	22	46	36x2	32	20,3x2,4
		25	12	38,0	54	24	46	36x2	32	20,3x2,4
		25	14	39,5	57	27	46	36x2	32	20,3x2,4
		25	16	39,0	57	30	46	36x2	32	20,3x2,4
		25	20	39,0	61	36	46	36x2	32	20,3x2,4
		30	6	44,0	59	17	50	42x2	41	25,3x2,4
		30	8	44,0	59	19	50	42x2	41	25,3x2,4
		30	10	43,5	60	22	50	42x2	41	25,3x2,4
		30	12	43,5	60	24	50	42x2	41	25,3x2,4
		30	14	45,0	63	27	50	42x2	41	25,3x2,4
		30	16	44,5	63	30	50	42x2	41	25,3x2,4
		30	20	44,5	66	36	50	42x2	41	25,3x2,4
		30	25	45,0	69	46	50	42x2	41	25,3x2,4
	315	38	6	47,5	62	17	60	52x2	50	33,3x2,4
		38	8	47,5	62	19	60	52x2	50	33,3x2,4
		38	10	47,0	63	22	60	52x2	50	33,3x2,4
		38	12	47,0	63	24	60	52x2	50	33,3x2,4
		38	14	48,5	66	27	60	52x2	50	33,3x2,4
		38	16	48,0	66	30	60	52x2	50	33,3x2,4
		38	20	48,0	70	36	60	52x2	50	33,3x2,4
		38	25	48,5	73	46	60	52x2	50	33,3x2,4
		38	30	49,0	76	50	60	52x2	50	33,3x2,4

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

* - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C

8073 Raccordo intermedio diritto con O.Ring

Straight coupling with O.Ring



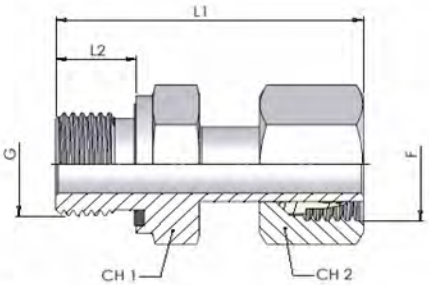
W.P.		Ø Tube	Dimension			O.Ring*	
bar			L_2	L_3	CH_1	mm	
L	315	6	34	35	14	4x1,5	
		8	34	35	17	6x1,5	
		10	36	37	19	7,5x1,5	
		12	36	37	22	9x1,5	
		15	39	40	27	12x2	
		18	40,5	41,5	32	15x2	
	160	22	45	46	36	20x2	
		28	47	48	41	26x2	
		35	53	56	50	32x2,5	
		42	53	57	60	38x2,5	
S	630	6	37	38	17	4x1,5	
		8	37	38	19	6x1,5	
		10	41	43	22	7,5x1,5	
		12	42	44	24	9x1,5	
		14	45	48	27	10x2	
	400	16	46	49	30	12x2	
		20	55	59	36	16,3x2,4	
		25	58	65	46	20,3x2,4	
		30	62	71	50	25,3x2,4	
	315	38	67	82	60	33,3x2,4	

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

7071 Bocchettone diritto premontato con o'r

Stud /Standpipe Adaptors



Filettatura / Thread:
BSPP (Form E DIN 3852)

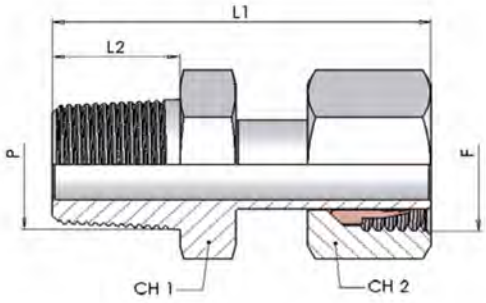
W.P.		Ø tube	thread		Dimensions			
bar		mm	G	F	L_1	L_2	CH_1	CH_2
L	315	6	G 1/8	M 12x1,5	24,5	8	14	14
		8	G 1/4	M 14x1,5	29,5	12	19	17
		10	G 1/4	M 16x1,5	27,5	12	19	19
		12	G 3/8	M 18x1,5	34	12	22	22
		15	G 1/2	M 22x1,5	32	14	27	27
		18	G 1/2	M 26x1,5	31,5	14	27	32
	160	22	G 3/4	M 30x2	32,5	16	32	36
		28	G 1	M 36x2	35	18	41	41
		35	G 1 1/4	M 45x2	42,5	20	50	50
		42	G 1 1/2	M 52x2	46,5	22	55	60
S	630	6	G 1/4	M 14x1,5	27	12	19	17
		8	G 1/4	M 16x1,5	29,5	12	19	19
		10	G 3/8	M 18x1,5	32	12	22	22
		12	G 3/8	M 20x1,5	34	12	22	24
		14	G 1/2	M 22x1,5	36,5	14	27	27
	400	16	G 1/2	M 24x1,5	37	14	27	30
		20	G 3/4	M 30x2	43	16	32	36
		25	G 1	M 36x2	48	18	41	46
		30	G 1 1/4	M 42x2	51	20	50	50
	315	38	G 1 1/2	M 52x2	60	22	55	60

Filettatura / Thread:
Metric (Form E DIN 3852)

W.P.		Ø tube	thread		Dimensions			
bar		mm	M	F	L_1	L_2	CH_1	CH_2
L	315	6	M 10x1	M 12x1,5	24,5	8	14	14
		8	M 12x1,5	M 14x1,5	26,5	12	17	17
		10	M 14x1,5	M 16x1,5	27,5	12	19	19
		12	M 16x1,5	M 18x1,5	30,5	12	22	22
		15	M 18x1,5	M 22x1,5	31,5	12	24	27
		18	M 22x1,5	M 26x1,5	31,5	14	27	32
	160	22	M 26x1,5	M 30x2	32,5	16	32	36
		28	M 33x2	M 36x2	35	18	41	41
		35	M 42x2	M 45x2	42,5	20	50	50
		42	M 48x2	M 52x2	46,5	22	55	60
S	630	6	M 12x1,5	M 14x1,5	27	12	17	17
		8	M 14x1,5	M 16x1,5	29,5	12	19	19
		10	M 16x1,5	M 18x1,5	32	12	22	22
		12	M 18x1,5	M 20x1,5	34	12	24	24
		14	M 20x1,5	M 22x1,5	36,5	14	27	27
	400	16	M 22x1,5	M 24x1,5	37	14	27	30
		20	M 27x2	M 30x2	43	16	32	36
		25	M 33x2	M 36x2	48	18	41	46
		30	M 42x2	M 42x2	51	20	50	50
	315	38	M 48x2	M 52x2	60	22	55	60

3075 Bocchettone diritto premontato

Stud /Standpipe Adaptors

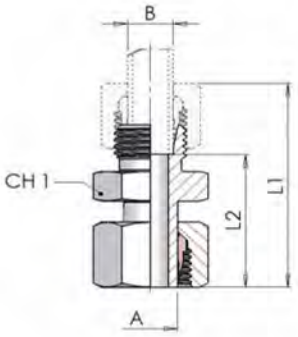


Filettatura / Thread:
NPT (ANSI/ASME B1,20,1-1983)

W.P.		Ø tube	thread		Dimensions			
bar		mm	P	F	L_1	L_2	CH_1	CH_2
L	315	6	1/8 NPT	M 12x1,5	33	10	12	14
		8	1/4 NPT	M 14x1,5	42,5	15	14	17
		10	1/4 NPT	M 16x1,5	40,5	15	14	19
		12	3/8 NPT	M 18x1,5	46,5	15	19	22
		15	1/2 NPT	M 22x1,5	48,5	19,5	22	27
		18	1/2 NPT	M 26x1,5	48	19,5	22	32
S	630	6	1/4 NPT	M 14x1,5	40	15	14	17
		10	3/8 NPT	M 18x1,5	44,5	15	19	22
		12	3/8 NPT	M 20x1,5	46,5	15	19	24
		14	1/2 NPT	M 22x1,5	53	19,5	22	27
	400	16	1/2 NPT	M 24x1,5	53,5	19,5	22	30

1072 Riduzione a codolo premontato - (serie L)

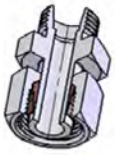
Standpipe/Tube Reducers - (L series)

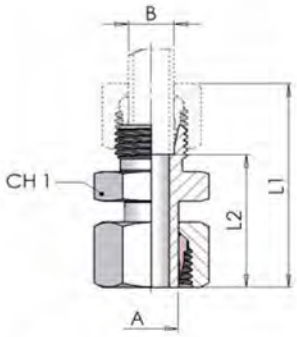


W.P.		Ø tube		Dimensions			
		A	B				
bar		mm	mm	L1	L2	CH1	
LL	100	6	4	34,5	23	11	
		8	4	35	23,5	11	
		8	6	33,5	22	11	
LL/L	315	6	4	35	23,0	11	
		8	4	35,0	24	11	
		10	4	40	28,5	11	
		12	4	40,0	29	14	
L	315	8	6	40	25,5	14	
		10	8	42,0	27	17	
		12	6	42	27,0	14	
		12	8	42,0	27	17	
		12	10	43	28,0	17	
		15	6	41,5	27	17	
		15	8	42	27,0	17	
		15	10	43,0	28	17	
		15	12	44	29,0	19	
		18	6	44,0	30	19	
		18	8	45	29,5	19	
		18	10	45,5	31	19	
		18	12	45	30,5	19	
		18	15	46,5	32	24	
	160	22	6	45	30,5	24	
		22	8	45,5	31	24	
		22	10	47	31,5	24	
		22	12	46,0	32	24	
		22	15	48	32,5	24	
		22	18	49,0	33	27	
		28	6	47	32,0	32	
		28	8	47,0	32	32	
		28	10	48	33,0	32	
		28	12	47,5	33	32	
		28	15	49	34,0	32	
		28	18	50,0	34	32	
		28	22	52	35,5	32	
		35	6	53,0	39	36	
		35	8	54	38,5	36	
		35	10	54,5	40	36	
		35	12	54	39,5	36	
		35	15	55,5	41	36	
		35	18	57	40,0	36	
		38	22	58,5	42	36	
		35	28	59	42,0	41	
		42	10	55,5	41	46	
		42	12	55	40,5	46	
		42	15	56,5	42	46	
		42	18	57,5	41	46	
		42	22	59,5	43	46	
		42	28	59,5	43	46	
		42	35	63,5	42	46	

1072 Riduzione a codolo premontato - (serie S)

Standpipe/Tube Reducers - (S series)

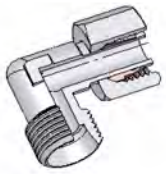


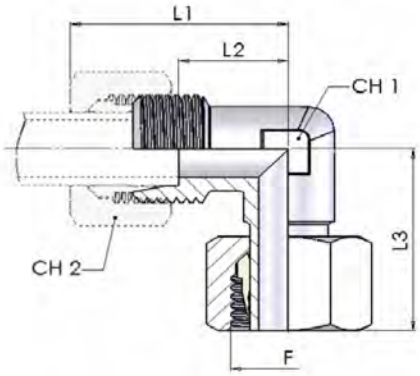


W.P.		Ø tube		Dimensions			
		A	B				
bar		mm	mm	L_1	L_2	CH_1	
S	630	8	6	44	29	17	
		10	6	46,5	31,5	17	
		10	8	49	34	17	
		12	6	46,0	31,0	17	
		12	8	48	33	17	
		12	10	48,5	32,5	19	
		14	6	50	35	17	
		14	8	50,0	35,0	17	
		14	10	51	35	19	
		14	12	52,5	36,5	22	
		16	6	51	36	17	
		16	8	51,0	36,0	17	
		16	10	52	36	19	
		16	12	53,5	37,5	22	
		16	14	57	39	24	
	400	20	6	56,5	41,5	22	
		20	8	57	42	22	
		20	10	57,0	41,0	22	
		20	12	57	41	22	
		20	14	60,5	42,5	24	
S	400	20	16	61	42	27	
		25	6	59,0	44,0	27	
		25	8	59	44	27	
		25	10	59,5	43,5	27	
		25	12	60	44	27	
		25	14	63,0	45,0	27	
		25	16	63	45	27	
		25	20	68,0	46,5	32	
		30	6	64	49	32	
		30	8	63,5	48,5	32	
		30	10	64	48	32	
		30	12	64,0	48,0	32	
		30	14	68	50	32	
		30	16	67,5	49,0	32	
		30	20	71	49	32	
		30	25	75,5	51,5	41	
	315	38	6	70	55	41	
		38	8	69,5	54,5	41	
		38	10	70	54	41	
		38	12	70,0	54,0	41	
		38	14	74	56	41	
		38	16	73,5	55,0	41	
		38	20	77	55	41	
		38	25	79,5	55,5	41	
		38	30	83	56	46	

4071 Girevole a gomito

Angular rotary fitting

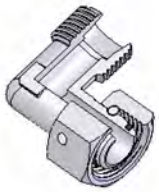


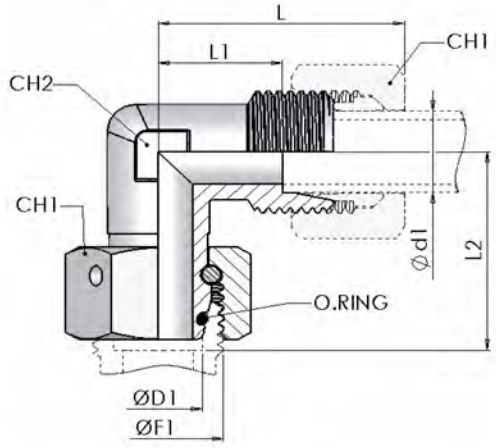


W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
L	315	6	M 12x1,5	27	12	26	12	14
		8	M 14x1,5	29	14	27	12	17
		10	M 16x1,5	30	15	28,5	14	19
		12	M 18x1,5	32	17	29	17	22
		15	M 22x1,5	36	21	32	19	27
		18	M 26x1,5	40	23,5	35	24	32
	160	22	M 30x2	44	27,5	38	27	36
		28	M 36x2	47	30,5	41,5	36	41
		35	M 45x2	56	34,5	51	41	50
		42	M 52x2	63	40	56	50	60
S	630	6	M 14x1,5	31	16	27	12	17
		8	M 16x1,5	32	17	27	14	19
		10	M 18x1,5	34	17,5	29,5	17	22
		12	M 20x1,5	38	21,5	30,5	17	24
		14	M 22x1,5	40	22	34,5	19	27
	400	16	M 24x1,5	43	24,5	36	24	30
		20	M 30x2	48	26,5	44	27	36
		25	M 36x2	54	30	49,5	36	46
		30	M 42x2	62	35,5	55	41	50
	315	38	M 52x2	72	41	63	50	60

3073 Raccordo Orientabile a gomito con O'Ring

Angular rotary fitting with O.Ring Seal





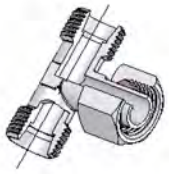
W.P.		Ø tube	Dimensions						O.Ring*
bar		D1	L	L1	L2	ØF1	CH1	CH2	mm
L	315	6	27	12,0	26	12x1,5	14	12	4x1,5
		8	29	14,0	27,5	14x1,5	17	12	6x1,5
		10	30	15,0	29	16x1,5	19	14	7,5x1,5
		12	32	17,0	29,5	18x1,5	22	17	9x1,5
		15	36	21,0	32,5	22x1,5	27	19	12x2
		18	40	23,5	35,5	26x1,5	32	24	15x2
	160	22	44	27,5	38,5	30x2	36	27	20x2
		28	47	30,5	41,5	36x2	41	36	26x2
		35	56	34,5	51	45x2	50	41	32x2,5
		42	63	40,0	56	52x2	60	50	38x2,5
S	630	6	31	16,0	27	14x1,5	17	12	4x1,5
		8	32	17,0	27,5	16x1,5	19	14	6x1,5
		10	34	17,5	30	18x1,5	22	17	7,5x1,5
		12	38	21,5	31	20x1,5	24	17	9x1,5
		14	40	22,0	35	22x1,5	27	19	10x2
	400	16	43	24,5	36,5	24x1,5	30	24	12x2
		20	48	26,5	44,5	30x2	36	27	16,3x2,4
		25	54	30,0	50	36x2	46	36	20,3x2,4
		30	62	35,5	55	42x2	50	41	25,3x2,4
	315	38	72	41,0	63	52x2	60	50	33,3x2,4

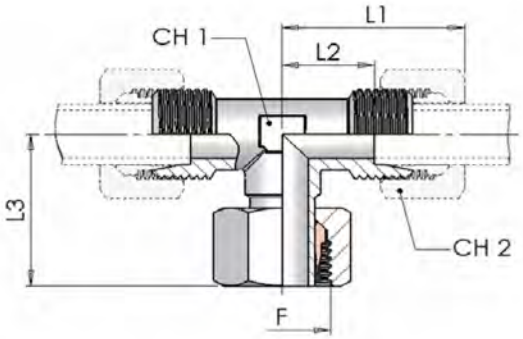
* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

5071 Girevole a T

Rotary fitting a Tees

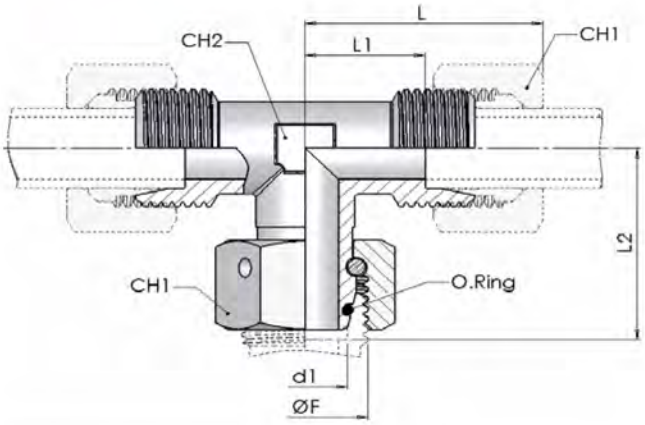




W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
L	315	6	M 12x1,5	27	12	26	12	14
		8	M 14x1,5	29	14	27	12	17
		10	M 16x1,5	30	15	28,5	14	19
		12	M 18x1,5	32	17	29	17	22
		15	M 22x1,5	36	21	32	19	27
		18	M 26x1,5	40	23,5	35	24	32
	160	22	M 30x2	44	27,5	38	27	36
		28	M 36x2	47	30,5	41,5	36	41
		35	M 45x2	56	34,5	51	41	50
		42	M 52x2	63	40	56	50	60
S	630	6	M 14x1,5	31	16	27	12	17
		8	M 16x1,5	32	17	27	14	19
		10	M 18x1,5	34	17,5	29,5	17	22
		12	M 20x1,5	38	21,5	30,5	17	24
		14	M 22x1,5	40	22	34,5	19	27
	400	16	M 24X1,5	43	24,5	36	24	30
		20	M 30X2	48	26,5	44	27	36
		25	M 36X2	54	30	49,5	36	46
		30	M 42X2	62	35,5	55	41	50
	315	38	M 52X2	72	41	63	50	60

4073 Raccordo Orientabile a TEE con O'Ring

Rotary fitting a Tees with O.Ring Seal



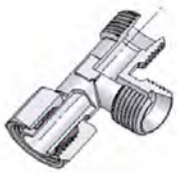
W.P.		Ø tube	Dimensions						O.Ring*
bar		d1	L	L1	L2	ØF1	CH1	CH2	mm
L	315	6	27	12,0	26	12x1,5	14	12	4x1,5
		8	29	14,0	27,5	14x1,5	17	12	6x1,5
		10	30	15,0	29	16x1,5	19	14	7,5x1,5
		12	32	17,0	29,5	18x1,5	22	17	9x1,5
		15	36	21,0	32,5	22x1,5	27	19	12x2
		18	40	23,5	35,5	26x1,5	32	24	15x2
	160	22	44	27,5	38,5	30x2	36	27	20x2
		28	47	30,5	41,5	36x2	41	36	26x2
		35	56	34,5	51	45x2	50	41	32x2,5
		42	63	40,0	56	52x2	60	50	38x2,5
S	630	6	31	16,0	27	14x1,5	17	12	4x1,5
		8	32	17,0	27,5	16x1,5	19	14	6x1,5
		10	34	17,5	30	18x1,5	22	17	7,5x1,5
		12	38	21,5	31	20x1,5	24	17	9x1,5
		14	40	22,0	35	22x1,5	27	19	10x2
	400	16	43	24,5	36,5	24x1,5	30	24	12x2
		20	48	26,5	44,5	30x2	36	27	16,3x2,4
		25	54	30,0	50	36x2	46	36	20,3x2,4
		30	62	35,5	55	42x2	50	41	25,3x2,4
	315	38	72	41,0	63	52x2	60	50	33,3x2,4

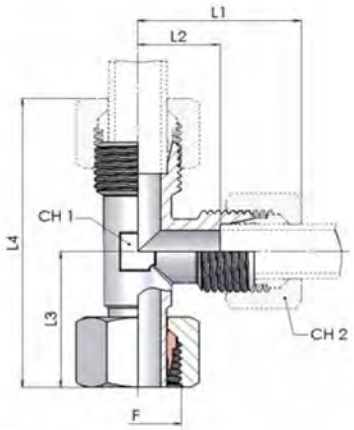
* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

6071 Girevole a L

Rotary fitting a L

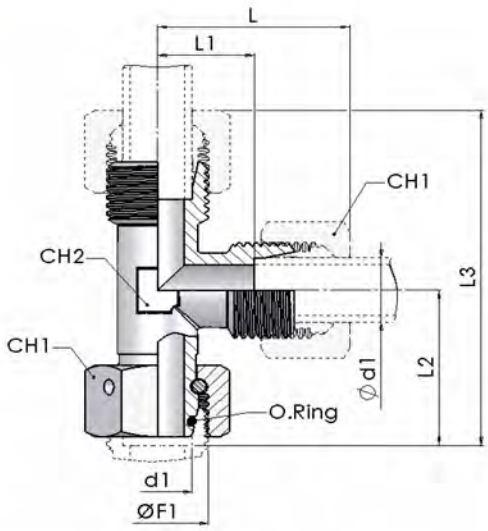




W.P.		Ø tube	thread	Dimensions					
bar		mm	F	L_1	L_2	L_3	L_4	CH_1	CH_2
L	315	6	M 12x1,5	27	12	26	53	12	14
		8	M 14x1,5	29	14	27	56	12	17
		10	M 16x1,5	30	15	28,5	58,5	14	19
		12	M 18x1,5	32	17	29	61	17	22
		15	M 22x1,5	36	21	32	68	19	27
		18	M 26x1,5	40	23,5	35	75	24	32
	160	22	M 30x2	44	27,5	38	82	27	36
		28	M 36x2	47	30,5	41,5	88,5	36	41
		35	M 45x2	56	34,5	51	107	41	50
		42	M 52x2	63	40	56	119	50	60
S	630	6	M 14x1,5	31	16	27	58	12	17
		8	M 16x1,5	32	17	27	59	14	19
		10	M 18x1,5	34	17,5	29,5	63,5	17	22
		12	M 20X1,5	38	21,5	30,5	68,85	17	24
		14	M 22X1,5	40	22	34,5	74,5	19	27
	400	16	M 24X1,5	43	24,5	36	79	24	30
		20	M 30X2	48	26,5	44	92	27	36
		25	M 36X2	54	30	49,5	103,5	36	46
		30	M 42X2	62	35,5	55	117	41	50
	315	38	M 52X2	72	41	63	135	50	60

5073 Raccordo Orientabile a L con O'Ring

Rotary fitting a L with O.Ring Seal



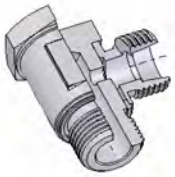
W.P.		Ø tube	Dimensions							O.Ring*
bar		d1	L	L1	L2	L3	ØF1	CH1	CH2	mm
L	315	6	27	12,0	26	53	12x1,5	14	12	4x1,5
		8	29	14,0	27,5	56	14x1,5	17	12	6x1,5
		10	30	15,0	29	59	16x1,5	19	14	7,5x1,5
		12	32	17,0	29,5	61	18x1,5	22	17	9x1,5
		15	36	21,0	32,5	69	22x1,5	27	19	12x2
		18	40	23,5	35,5	75	26x1,5	32	24	15x2
	160	22	44	27,5	38,5	82	30x2	36	27	20x2
		28	47	30,5	41,5	89	36x2	41	36	26x2
		35	56	34,5	51	107	45x2	50	41	32x2,5
		42	63	40,0	56	119	52x2	60	50	38x2,5
S	630	6	31	16,0	27	58	14x1,5	17	12	4x1,5
		8	32	17,0	27,5	59	16x1,5	19	14	6x1,5
		10	34	17,5	30	64	18x1,5	22	17	7,5x1,5
		12	38	21,5	31	69	20x1,5	24	17	9x1,5
		14	40	22,0	35	75	22x1,5	27	19	10x2
	400	16	43	24,5	36,5	79	24x1,5	30	24	12x2
		20	48	26,5	44,5	93	30x2	36	27	16,3x2,4
		25	54	30,0	50	104	36x2	46	36	20,3x2,4
		30	62	35,5	55	117	42x2	50	41	25,3x2,4
	315	38	72	41,0	63	135	52x2	60	50	33,3x2,4

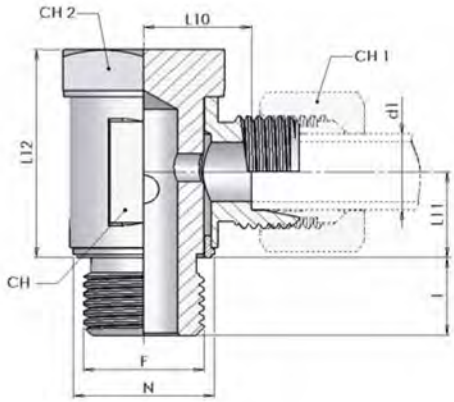
* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

** - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C*

7070 Raccordo a Gomito Orientabile

Orientable Banjos elbows





Filettatura / Thread:
BSPP

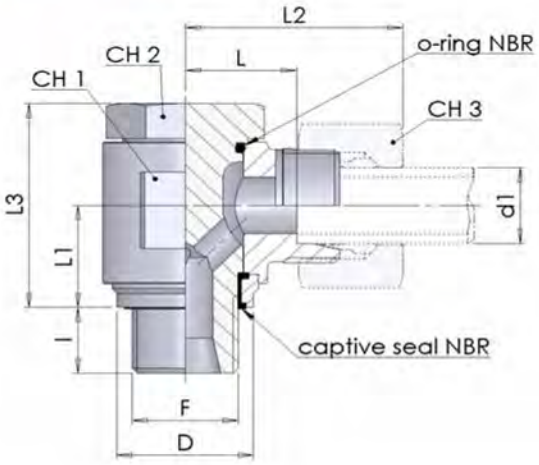
W.P.		Ø tube	Dimensions								
bar		d1	l	L10	L11	L12	N	CH1	CH2	CH	F
L	315	6	6	12,0	10	22	14	14	14	18	1/8"
		8	12	14,0	16	30,5	18	17	19	22	1/4"
		10	12	15,0	16	30,5	18	19	19	22	1/4"
		12	12	17,5	18	38,5	22	22	24	30	3/8"
		15	14	21,0	20	44,5	26	27	27	32	1/2"
		18	14	20,5	20	44,5	26	32	27	32	1/2"
	160	22	16	24,5	24	53	32	36	32	41	3/4"
		28	18	29,5	29	64	44	41	41	52	1"
		35	20	35,5	36	79	49	50	50	62	1" 1/4
		42	22	40,0	42	90	55	60	55	70	1" 1/2
S	400	6	12	16,0	16	30,5	18	17	19	22	1/4"
		8	12	16,0	16	30,5	18	19	19	22	1/4"
		10	12	18,0	18	38,5	22	22	24	30	3/8"
		12	12	18,0	18	38,5	22	24	24	30	3/8"
		14	14	24,0	21	45,5	26	27	27	36	1/2"
		16	14	23,5	21	45,5	26	30	27	36	1/2"
		20	16	28,5	28	61	32	36	32	41	3/4"
	250	25	18	31,0	31	68	39	46	41	52	1"
		30	20	36,5	37	79	49	50	50	62	1" 1/4
		38	22	41,0	42	90	55	60	55	70	1" 1/2

Filettatura / Thread:
Metric

W.P.		Ø tube	Dimensions								
bar		d1	l	L10	L11	L12	N	CH1	CH2	CH	F
L	315	6	6	12,0	10,0	22	14	14	14	18	10x1
		8	12	13,0	14,5	29,5	17	17	17	20	12x1,5
		10	12	15,0	15,5	30,5	18	19	19	22	14x1,5
		12	12	17,5	18,0	38,5	22	22	24	30	16x1,5
		15	14	21,0	20,0	42,5	22	27	24	32	18x1,5
		18	14	22,5	20,5	45,5	26	32	27	36	22x1,5
	160	22	16	22,0	24,0	53	32	36	32	41	26x1,5
		28	18	29,5	29,0	64	44	41	41	52	33x2
		35	20	35,5	36,0	79	49	50	50	62	42x2
		42	22	40,0	41,0	90	55	60	55	70	48x2
S	400	6	12	15,0	14,5	29,5	17	17	17	20	12x1,5
		8	12	16,0	15,5	30,5	18	19	19	22	14x1,5
		10	12	18,0	18,0	38,5	22	22	24	30	16x1,5
		12	12	19,5	19,5	42,5	22	24	24	30	18x1,5
		14	14	24,0	20,5	45,5	26	27	27	36	20x1,5
		16	14	23,5	22,5	48,5	26	30	27	36	22x1,5
		20	16	28,5	28,5	61	32	36	32	41	27x2
	250	25	18	31,0	31,0	68	39	46	41	52	33x2
		30	20	36,5	36,0	79	49	50	50	62	42x2
		38	22	41,0	41,0	90	55	60	55	70	48x2

0072 Raccordo a Gomito Orientabile con guarnizione

Orientable Banjo elbows with seal ring

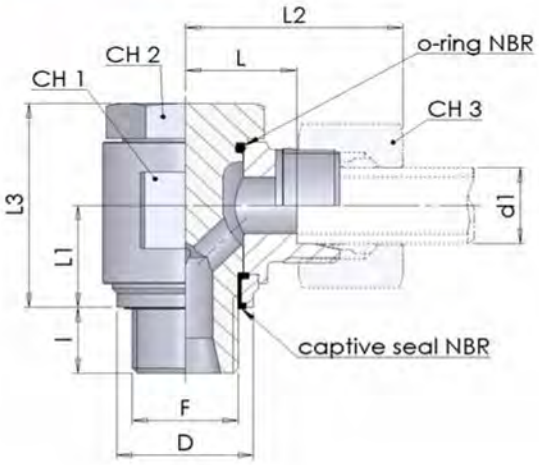


Filettatura / Thread: Metric

W.P.		Ø tube	Dimensions									
bar		d1	CH1	CH2	CH3	I	F	D	L	L1	L2	L3
L	315	06	17	14	14	08	G1/8A	14,9	13,0	10	27,5	21,0
		06	22	19	14	10	G1/4A	18,9	15,0	13,5	29,5	27,0
		08	22	19	17	10	G1/4A	18,9	14,0	13,5	28,5	27,0
		10	22	19	19	10	G1/4A	18,9	16,0	13,5	30,5	27,0
		12	22	19	22	10	G1/4A	18,9	16,0	15,5	31,0	30,0
		12	27	22	22	12	G3/8A	21,8	18,0	16	32,5	32,5
		15	32	27	27	14	G1/2A	26,9	21,5	19,5	36,0	41,0
		18	32	27	32	14	G1/2A	26,9	21,0	21,5	37,0	43,0
	160	22	41	32	36	16	G3/4A	32,9	27,5	24	43,5	48,0
		28	46	41	41	18	G1A	39,9	31,5	30,5	48,0	59,0
		35	55	50	50	20	G1 1/4A	49,8	35,5	35,5	57,0	70,0
		42	65	55	60	22	G1 1/2A	55,8	40,0	40,5	62,5	80,0
S	400	06	22	19	17	10	G1/4A	18,9	16,0	13,5	30,5	27,0
		08	22	19	19	10	G1/4A	18,9	16,0	13,5	30,5	27,0
		10	27	22	22	12	G3/8A	21,8	18,5	16	34,5	32,5
		12	27	22	24	11	G3/8A	21,8	18,5	17	35,0	33,5
	315	16	30	27	32	14	G1/2A	26,9	22,0	21,5	40,0	43,0
	250	20	41	32	36	16	G3/4A	32,9	27,0	24	48,5	48,0
	160	25	46	41	46	18	G1A	39,9	31,0	30,5	55,0	59,0
		30	55	50	50	20	G1 1/4A	49,8	36,5	35,5	63,0	70,0
		38	65	55	60	22	G1 1/2A	55,8	41,0	40,5	71,5	80,0

0072 Raccordo a Gomito Orientabile con guarnizione

Orientable Banjo elbows with seal ring

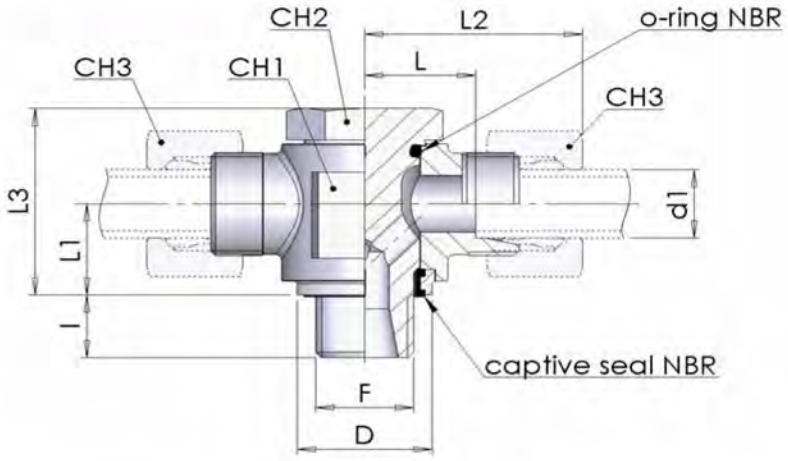


Filettatura / Thread: Metric

W.P.		Ø tube	Dimensions									
bar		d1	CH1	CH2	CH3	I	F	D	L	L1	L2	L3
L	315	06	17	14	14	8	M10x1	14,9	13,0	10	27,5	21,0
		08	22	19	17	10	M12x1,5	17,9	14,0	13,5	28,5	27,0
		10	22	19	19	10	M14x1,5	19,9	16,0	13,5	30,5	27,0
		12	27	22	22	11	M16x1,5	21,8	18,0	16	32,5	32,5
	250	12	24	22	22	10	M18x1,5	23,8	20,0	18,5	35,0	35,5
	315	15	30	24	27	10	M18x1,5	23,9	20,5	18,5	35,5	37,0
		18	32	27	32	12	M22x1,5	27,9	21,0	21,5	37,0	43,0
	160	22	41	32	36	16	M26x1,5	31,9	27,5	24	43,5	48,0
		28	46	41	41	18	M33x2	39,9	31,5	30,5	48,0	59,0
		35	55	50	50	20	M42x2	49,8	35,5	35,5	57,0	70,0
		42	65	55	60	22	M48x2	55,8	40,0	40,5	62,5	80,0
S	400	06	22	19	17	10	M12x1,5	17,9	16,0	13,5	30,5	27,0
		08	22	19	19	10	M14x1,5	19,9	16,0	13,5	30,5	27,0
		10	27	22	22	11	M16x1,5	21,8	18,5	16	34,5	32,5
		12	30	24	24	10	M18x1,5	23,9	19,5	18,5	35,5	37,0
	315	16	32	27	30	12	M22x1,5	27,9	22,0	21,5	40,0	43,0
	250	20	41	32	36	16	M27x2	32,9	27,0	24	48,5	48,0
	160	25	46	42	46	18	M33x2	39,9	31,0	30,5	55,0	59,0
		30	55	50	50	20	M42x2	49,8	36,5	35,5	63,0	70,0
		38	65	55	60	22	M48x2	55,8	41,0	40,5	71,5	80,0

3072 Raccordo Orientabile Doppio con guarnizione

Double orientable fitting with O'Ring

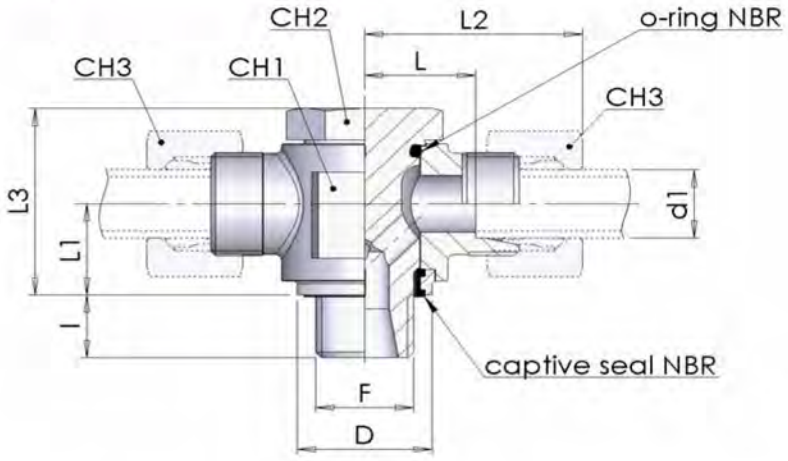


Filettatura / Thread: Metric

W.P.		Ø tube	Dimensions									
bar		d1	CH1	CH2	CH3	I	F	D	L	L1	L2	L3
L	315	06	17	14	14	08	G1/8A	14,9	13,0	10	27,5	21,0
		06	22	19	14	10	G1/4A	18,9	15,0	13,5	29,5	27,0
		08	22	19	17	10	G1/4A	18,9	14,0	13,5	28,5	27,0
		10	22	19	19	10	G1/4A	18,9	16,0	13,5	30,5	27,0
		12	22	19	22	10	G1/4A	18,9	16,0	15,5	31,0	30,0
		12	27	22	22	12	G3/8A	21,8	18,0	16	32,5	32,5
		15	32	27	27	14	G1/2A	26,9	21,5	19,5	36,0	41,0
		18	32	27	32	14	G1/2A	26,9	21,0	21,5	37,0	43,0
	160	22	41	32	36	16	G3/4A	32,9	27,5	24	43,5	48,0
		28	46	41	41	18	G1A	39,9	31,5	30,5	48,0	59,0
		35	55	50	50	20	G1 1/4A	49,8	35,5	35,5	57,0	70,0
		42	65	55	60	22	G1 1/2A	55,8	40,0	40,5	62,5	80,0
S	400	06	22	19	17	10	G1/4A	18,9	16,0	13,5	30,5	27,0
		08	22	19	19	10	G1/4A	18,9	16,0	13,5	30,5	27,0
		10	27	22	22	12	G3/8A	21,8	18,5	16	34,5	32,5
		12	27	22	24	11	G3/8A	21,8	18,5	17	35,0	33,5
	315	16	30	27	32	14	G1/2A	26,9	22,0	21,5	40,0	43,0
	250	20	41	32	36	16	G3/4A	32,9	27,0	24	48,5	48,0
	160	25	46	41	46	18	G1A	39,9	31,0	30,5	55,0	59,0
		30	55	50	50	20	G1 1/4A	49,8	36,5	35,5	63,0	70,0
		38	65	55	60	22	G1 1/2A	55,8	41,0	40,5	71,5	80,0

3072 Raccordo Orientabile Doppio con guarnizione

Double orientable fitting with O'Ring

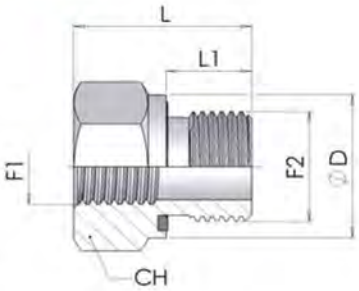


Filettatura / Thread: Metric

W.P.		Ø tube	Dimensions									
bar		d1	CH1	CH2	CH3	I	F	D	L	L1	L2	L3
L	315	06	17	17	14	8	M10x1	14,9	13,0	10	27,5	21,0
		08	22	22	17	10	M12x1,5	17,9	14,0	13,5	28,5	27,0
		10	22	22	19	10	M14x1,5	19,9	16,0	13,5	30,5	27,0
		12	27	27	22	11	M16x1,5	21,8	18,0	16	32,5	32,5
	250	12	24	24	22	10	M18x1,5	23,8	20,0	18,5	35,0	35,5
	315	15	30	30	27	10	M18x1,5	23,9	20,5	18,5	35,5	37,0
		18	32	32	32	12	M22x1,5	27,9	21,0	21,5	37,0	43,0
	160	22	41	41	36	16	M26x1,5	31,9	27,5	24	43,5	48,0
		28	46	46	41	18	M33x2	39,9	31,5	30,5	48,0	59,0
		35	55	55	50	20	M42x2	49,8	35,5	35,5	57,0	70,0
		42	65	65	60	22	M48x2	55,8	40,0	40,5	62,5	80,0
S	400	06	22	22	17	10	M12x1,5	17,9	16,0	13,5	30,5	27,0
		08	22	22	19	10	M14x1,5	19,9	16,0	13,5	30,5	27,0
		10	27	27	22	11	M16x1,5	21,8	18,5	16	34,5	32,5
		12	30	30	24	10	M18x1,5	23,9	19,5	18,5	35,5	37,0
	315	16	32	32	30	12	M22x1,5	27,9	22,0	21,5	40,0	43,0
	250	20	41	41	36	16	M27x2	32,9	27,0	24	48,5	48,0
	160	25	46	46	46	18	M33x2	39,9	31,0	30,5	55,0	59,0
		30	55	55	50	20	M42x2	49,8	36,5	35,5	63,0	70,0
		38	65	65	60	22	M48x2	55,8	41,0	40,5	71,5	80,0

4072 A Riduzione Maschio-Femmina con guarnizione piana

Riduzione Maschio-Femmina con guarnizione piana



Filettatura / Thread:
BSPP (Form E DIN 3852)

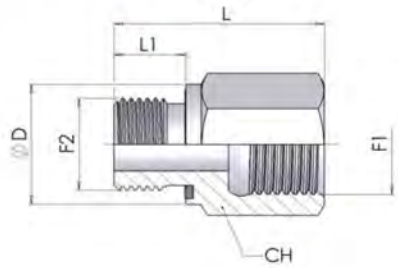
Tipo A

W.P.	thread		Dimensions				Tipo
bar	F_2	F_1	L	L_1	Ø D	CH	
630	G 3/8	G 1/8	22,5	12	22	22	A
	G 1/2	G 1/8	24	14	26	27	A
	G 1/2	G 1/4	24	14	26	27	A
400	G 3/4	G 1/4	26	16	32	32	A
	G 3/4	G 3/8	26	16	32	32	A
	G 1	G 1/4	29	18	39	41	A
	G 1	G 3/8	29	18	39	41	A
	G 1	G 1/2	29	18	39	41	A
250	G 1 1/4	G 1/2	32	20	49	50	A
	G 1 1/4	G 3/4	32	20	49	50	A
	G 1 1/2	G 1/2	36	22	55	55	A
	G 1 1/2	G 3/4	36	22	55	55	A
	G 1 1/2	G 1	36	22	55	55	A

4072 B Riduzione Maschio-Femmina con guarnizione piana

Male / Female Stud AdaptorsPacking ring

Tipo B

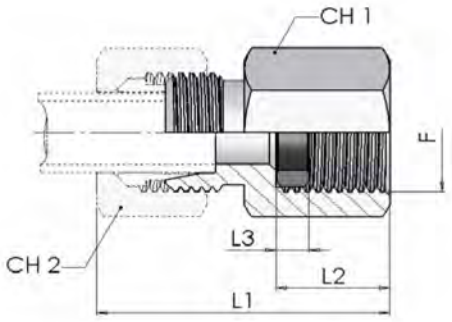


Filettatura / Thread:
BSPP (Form E DIN 3852)

W.P.	thread		Dimensions				Tipo
bar	F2	F1	L	L1	ØD	CH	
630	G 1/8	G 1/4	31	8	14	19	B
	G 1/8	G 3/8	32	8	14	24	B
	G 1/4	G 1/8	28	12	18	19	B
	G 1/4	G 3/8	36	12	18	24	B
	G 1/4	G 1/2	40	12	18	30	B
400	G 1/4	G 3/4	43	12	18	36	B
630	G 3/8	G 1/4	36	12	22	22	B
	G 3/8	G 1/2	41	12	22	30	B
400	G 3/8	G 3/4	44	12	22	36	B
	G 1/2	G 3/8	36	14	26	27	B
	G 1/2	G 3/4	46	14	26	36	B
	G 1/2	G 1	49	14	26	41	B
250	G 1/2	G 1 1/4	53	14	26	55	B
400	G 3/4	G 1/2	41	16	32	32	B
	G 3/4	G 1	51	16	32	41	B
250	G 3/4	G 1 1/4	55	16	32	55	B
	G 3/4	G 1 1/2	57	16	32	60	B
400	G 1	G 3/4	47	18	39	41	B
250	G 1	G 1 1/4	57	18	39	55	B
	G 1	G 1 1/2	59	18	39	60	B
	G 1 1/4	G 1	52	20	49	50	B
	G 1 1/4	G 1 1/2	60	20	49	60	B
	G 1 1/2	G 1 1/4	58	22	55	55	B

3070 Portamanometro

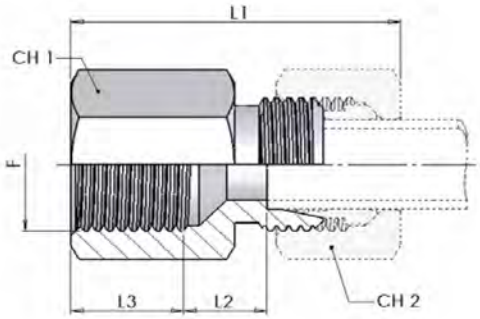
Gauge Couplings



W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
LL	100	4	G 1/4	33	14,5	4,5	19	10
L	315	6	G 1/4	37	14,5	4,5	19	14
		8	G 1/4	37	14,5	4,5	19	17
		10	G 1/4	38	14,5	4,5	19	19
		12	G 1/4	38	14,5	4,5	19	22
S	630	6	G 1/2	46	20	5	27	17
		8	G 1/2	46	20	5	27	19
		10	G 1/2	47	20	5	27	22
		12	G 1/2	47	20	5	27	24

5072 Terminale diritto femmina

Female Stud Couplings



Filettatura / Thread:
BSPP

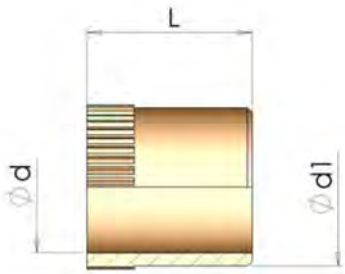
W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L_1	L_2	L_3	CH_1	CH_2
L	315	6	G 1/8	33,5	7	12	14	14
		8	G 1/4	39	7	17	19	17
		8	G 3/8	40	10,5	14,5	24	17
		8	G 1/2	44	14,5	14,5	27	17
		10	G 1/4	40	8	17	19	19
		10	G 3/8	41	11,5	14,5	24	19
		10	G 1/2	45	15,5	14,5	27	19
		12	G 3/8	40,5	9	17	24	22
		12	G 1/2	45	15,5	14,5	27	22
		15	G 1/2	46	11	20	27	27
		18	G 1/2	47	10,5	20	27	32
	160	22	G 3/4	52	13,5	22	36	36
		28	G 1	54	13	24,5	41	41
		35	G 1 1/4	63	15	26,5	55	50
		42	G 1 1/2	66	14,5	28,5	60	60
S	630	6	G 1/4	41	9	17	19	17
		8	G 1/4	41	9	17	19	19
		10	G 3/8	42,5	9,5	17	24	22
		12	G 3/8	42,5	9,5	17	24	24
		14	G 1/2	50	12	20	30	27
	400	16	G 1/2	50	11,5	20	30	30
		20	G 3/4	56	12,5	22	36	36
		25	G 1	61	12,5	24,5	41	46
		30	G 1 1/4	69	16	26,5	55	50
	315	38	G 1 1/2	75	15,5	28,5	60	60

Filettatura / Thread:
Metric

W.P.		Ø tube	thread	Dimensions				
bar		mm	F	L1	L2	L3	CH_1	CH_2
L	315	6	M 10x1	33,5	7	12	14	14
		8	M 12x1,5	39	7	17	17	17
		10	M 14x1,5	40	8	17	19	19
		12	M 16x1,5	40,5	9	17	22	22
		15	M 18x1,5	46	14	17	24	27
		18	M 22x1,5	47	11,5	19	30	30
	160	22	M 26x1,5	51	13,5	21	32	36
S	630	6	M 12x1,5	41	9	17	17	17
		8	M 14x1,5	41	9	17	19	19
		10	M 16x1,5	42,5	9,5	17	22	22
		12	M 18x1,5	42,5	9,5	17	24	24
		14	M 20x1,5	50	13	19	27	27
	400	16	M 22x1,5	50	12,5	19	30	30
		20	M 27x2	56	12,5	22	36	36

9073 Anello di rinforzo

Pipe inserts

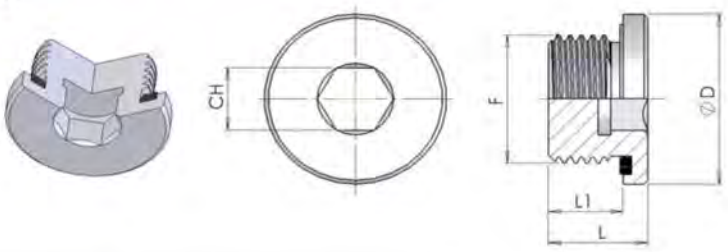


Materiale: Ottone
Material: *Brass*

Ø Ester. X Spess.	Ø Int. Tubo	Dimensions		
		Ød	Ød1	L
6 x 1	4	2,6	3,8	15,5
6 x 0,5	5	3,6	4,8	12,5
8 x 1	6	4,6	5,8	15,5
10 x 1,5	7	5,6	6,8	17
10 x 1	8	6,6	7,8	16,5
12 x 1,5	9	7,6	8,8	16,5
12 x 1	10	8,6	9,8	16,5
15 x 1,5	12	10,2	11,8	17
15 x 1	13	11,2	12,8	17
18 x 1,5	15	13,2	14,8	17,5
18 x 1	16	14,2	15,8	17,5
20 x 1	18	16,2	17,8	22
22 x 1,5	19	17,2	18,8	18
22 x 1	20	18,2	19,8	18
25 x 1,5	22	20,2	21,8	23,5
28 x 2	24	22,2	23,8	18
28 x 1,5	25	23,2	24,8	18
35 x 2	31	28,8	30,8	22,5
42 x 2	38	35,8	37,8	23,5

6072 Tappo esagono incassato con guarnizione piana

Inner hexagon plugPacking ring



Filettatura / Thread:
BSPP (Form E DIN 3852)

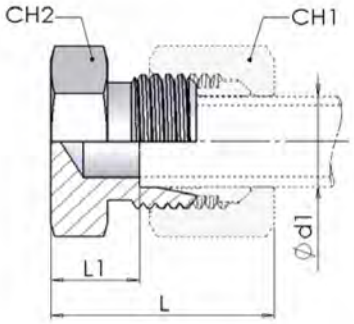
W.P.	thread	Dimensions			
bar	F	L	L_1	D	CH
400	G 1/8	12	8	14	5
	G 1/4	17	12	19	6
	G 3/8	17	12	22	8
	G 1/2	19	14	27	10
	G 3/4	21	16	32	12
	G 1	22,5	16	40	17
250	G 1 1/4	22,5	16	50	22
	G 1 1/2	22,5	16	55	24

Filettatura / Thread:
Metric (Form E DIN 3852)

W.P.	thread	Dimensions			
bar	F	L	L_1	D	CH
400	M 10x1	12	8	14	5
	M 12x1,5	17	12	17	6
	M 14x1,5	17	12	19	6
	M 16x1,5	17	12	22	8
	M 18x1,5	17	12	24	8
	M 20x1,5	19	14	26	10
	M 22x1,5	19	14	27	10
	M 26x1,5	21	16	32	12
	M 27x2	21	16	32	12
	M 33x2	22,5	16	40	17
250	M 42x2	22,5	16	50	22
	M 48x2	22,5	16	55	24

7072 Tappo di chiusura tubi

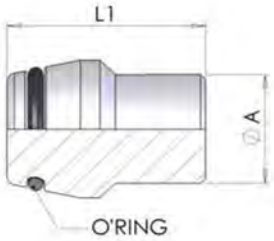
Pipe plug



W.P.		Ø Tube	Dimensions				
bar		d1	L	L1	CH1	CH2	
L	315	6	22	17,5	14	12	
		8	23	18,5	17	14	
		10	24	19,5	19	17	
		12	25	10,5	22	19	
		15	26	11,5	27	24	
		18	28	11,5	32	27	
	160	22	30	13,5	36	32	
		28	31	14,5	41	41	
		35	36	14,5	50	46	
		42	39	16,5	60	55	
S	630	6	26	11,5	17	14	
		8	28	13,5	19	17	
		10	29	12,5	22	19	
		12	31	14,5	24	22	
		14	34	16,5	27	24	
	400	16	34	15,5	30	27	
		20	39	17,5	36	32	
		25	44	20,5	46	41	
		30	47	20,5	50	46	
	315	38	54	23,5	60	55	

9072 Tappo con O-Ring

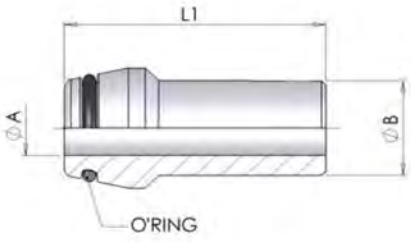
Pipe plug with O-Ring seal



W.P.		Ø tube	Dimensions		O-Ring
bar		mm	A	L	mm
L	315	6	6	18,5	4 x 1,5
		8	8	18,5	6 x 1,5
		10	10	20	7,5 x 1,5
		12	12	20,5	9 x 1,5
		15	15	20,5	12 x 2
		18	18	22,5	15 x 2
	160	22	22	25	20 x 2
		28	28	25,5	26 x 2
		35	35	30	32 x 2,5
		42	42	30	38 x 2,5
S	630	14	14	22,5	10 x 2
	400	16	16	23,5	12 x 2
		20	20	28,5	16,3 x 2,4
		25	25	29	20 x 2,4
		30	30	30,5	25,3 x 2,4
	315	38	38	33	33,3 x 2,4

8072 Ogiva a saldare con O-Ring

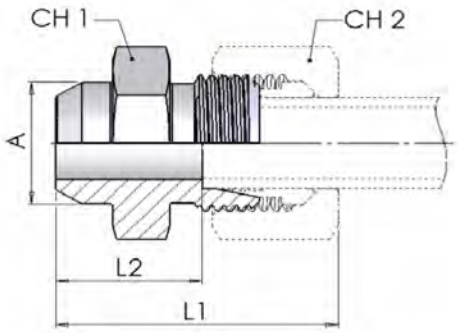
Welding Nipples with O-Ring Seal



W.P.		Ø tube	Pipe x Thickness	Dimensions			O-Ring
bar		mm	mm	ØA	ØB	L1	mm
S	630	10	10 x 2	6	10	31	7,5 x 1,5
		12	12 x 2,5	7	12	31	9 x 1,5
		14	14 x 3	8	14	40	10 x 2
	400	16	16 x 3	10	16	42	12 x 2
		20	20 x 4	12	20	48	16,3 x 2,4
		25	25 x 4	17	25	51	20,3 x 2,4
		30	30 x 5	20	30	59	25,3 x 2,4
	315	38	38 x 6	26	38	66	33,3 x 2,4

2074 Terminale diritto a saldare

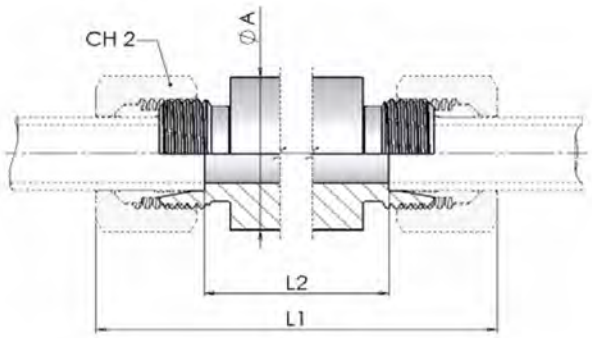
Welding Bosses



W.P.		Ø tube	A	Dimensions			
bar		mm	mm	L_1	L_2	CH_1	CH_2
L	315	6	10	29	14	12	14
		8	12	31	16	14	17
		10	14	33	18	17	19
		12	16	33	18	19	22
		15	19	37	22	22	27
		18	22	40	23,5	27	32
	160	22	27	45	28,5	32	36
		28	32	47	30,5	41	41
		35	40	54	32,5	46	50
		42	46	58	35	55	60
S	630	6	11	34	19	14	17
		8	13	36	21	17	19
		10	15	39	22,5	19	22
		12	17	41	24,5	22	24
		14	19	45	27	24	27
	400	16	21	45	26,5	27	30
		20	26	51	29,5	32	36
		25	31	56	32	41	46
		30	36	62	35,5	46	50
	315	38	44	69	38	55	60

2071 Passaparatia a saldare

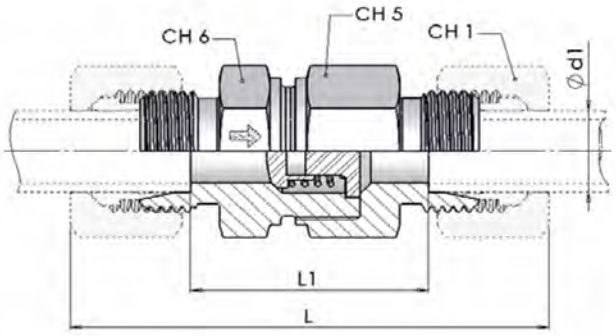
Welding Bulkhead Connections



W.P.		Ø tube	ØA	Dimensions		
bar		mm	mm	L_1	L_2	CH_2
L	315	6	18	85	56	14
		8	20	85	56	17
		10	22	87	58	19
		12	25	87	58	22
		15	28	100	70	27
		18	32	101	69	32
	160	22	36	105	73	36
		28	40	106	73	41
		35	50	114	71	50
		42	60	115	70	60
S	630	6	20	89	60	17
		8	22	89	60	19
		10	25	91	59	22
		12	28	91	59	24
		14	30	107	72	27
	400	16	35	107	71	30
		20	38	114	71	36
		25	45	120	72	46
		30	50	126	73	50
	315	38	60	133	72	60

4070 Valvole di Ritegno

Non-return valves



Pressione di Apertura 1 Bar ± 20%

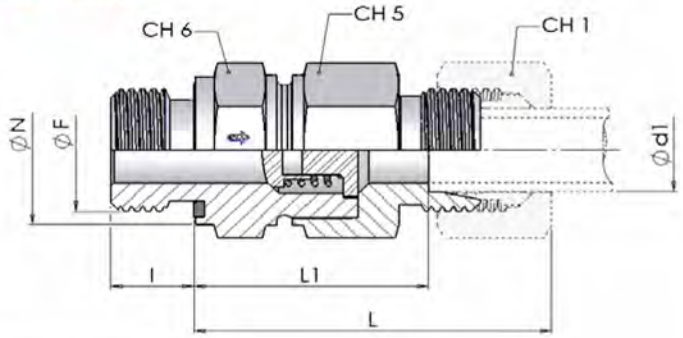
Opening pressure 1 BAR ± 20%

W.P.		Ø tube	Dimensions					
bar		d1	L	L_1	CH_1	CH_5	CH_6	
L	250	6	58	29,0	14	17	17	
		8	59	30,0	17	19	19	
		10	69,5	40,5	19	24	22	
		12	72,5	43,5	22	30	27	
		15	77,5	47,5	27	32	27	
	160	18	83,5	51,5	32	36	36	
		22	93,5	61,5	36	46	41	
	100	28	102,5	69,5	41	55	50	
		35	117,5	74,5	50	60	60	
		42	119	74,0	60	70	65	
S	400	6	63,5	34,5	17	19	19	
		8	63,5	34,5	19	19	19	
		10	72,5	40,5	22	24	22	
		12	74,5	42,5	24	27	24	
		14	82,5	47,5	27	32	27	
		16	86,5	50,5	30	36	32	
		20	97,5	54,5	36	46	41	
	250	25	106,5	58,5	46	50	46	
		30	122,5	69,5	50	60	60	
		38	136,5	75,5	60	70	65	

5070 *Valvole di ritegno guarnizione gomma*

Non-return valves rubber seal

- Flusso verso il tubo
- *B.S.P. iniet*



Pressione di Apertura 1 Bar ± 20%
Opening pressure 1 BAR ± 20%

Filettatura / Thread:
BSPP (Form E DIN 3852)

W.P.		Ø tube	Dimensions							
bar		d1	ØF	ØN	l	L1	L	CH1	CH5	CH6
L	250	6	1/8"	14	8	28	42,5	14	17	17
		8	1/4"	19	12	30	44,5	17	19	19
		10	1/4"	19	12	38,5	53	19	24	22
		12	3/8"	22	12	42,5	57	22	30	27
		15	1/2"	27	14	45,5	60,5	27	32	27
	160	18	1/2"	27	14	50	66	32	36	36
		22	3/4"	32	16	55	71	36	46	41
	100	28	1"	40	18	63	79,5	41	55	50
		35	1" 1/4	50	20	69	90,5	50	60	60
		42	1" 1/2	55	22	68,5	91	60	70	65
S	400	6	1/4"	19	12	31,5	46	17	19	19
		8	1/4"	19	12	31,5	46	19	19	19
		10	3/8"	22	12	38	54	22	24	22
		12	3/8"	22	12	41	57	24	27	24
		14	1/2"	27	14	44,5	62	27	32	27
		16	1/2"	27	14	48	66	30	36	32
		20	3/4"	32	16	52	73,5	36	46	41
	250	25	1"	40	18	54,5	78,5	46	50	46
		30	1" 1/4	50	20	64	90,5	50	60	60
		38	1" 1/2	55	22	69,5	100	60	70	65

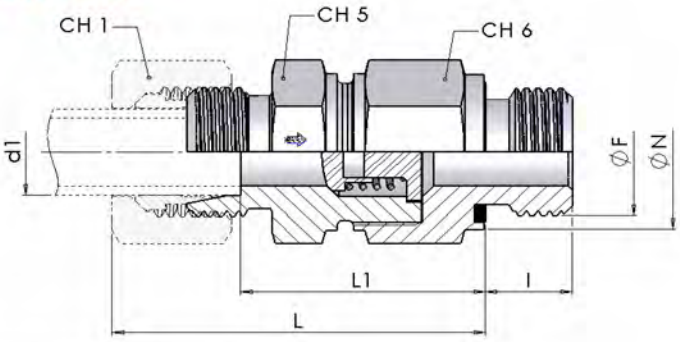
Filettatura / Thread:
Metric (Form E DIN 3852)

W.P.		Ø tube	Dimensions							
bar		d1	ØF	ØN	l	L1	L	CH1	CH5	CH6
L	250	6	10x1	14	8	28	42,5	14	17	17
		8	12x1,5	17	12	29	43,5	17	19	19
		10	14x1,5	19	12	38,5	53	19	24	22
		12	16x1,5	22	12	42,5	57	22	30	27
		15	18x1,5	24	12	45,5	60,5	27	32	27
	160	18	22x1,5	27	14	50	66	32	36	36
		22	26x1,5	32	16	55	71	36	46	41
	100	28	33x2	40	18	63	79,5	41	55	50
		35	42x2	50	20	69	90,5	50	60	60
		42	48x2	55	22	68,5	91	60	70	65
S	400	6	12x1,5	17	12	31,5	46	17	19	19
		8	14x1,5	19	12	31,5	46	19	19	19
		10	16x1,5	22	12	38	54	22	24	22
		12	18x1,5	24	12	41	57	24	27	24
		14	20x1,5	26	14	44,5	62	27	32	27
		16	22x1,5	27	14	48	66	30	36	32
		20	27x2	32	16	52	73,5	36	46	41
	250	25	33x2	40	18	54,5	78,5	46	50	46
		30	42x2	50	20	64	90,5	50	60	60
		38	48x2	55	22	69,5	100	60	70	65

6070 *Valvole di ritegno guarnizione gomma*

Non-return valves rubber seal

- Flusso verso il filetto
- *B.S.P. outlet*



Pressione di Apertura 1 Bar ± 20%
Opening pressure 1 BAR ± 20%

Filettatura / Thread:
BSPP (Form E DIN 3852)

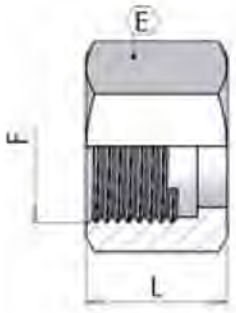
W.P.		Ø tube	Dimensions							
bar		d1	ØF	ØN	l	L1	L	CH1	CH5	CH6
L	250	6	1/8"	14	8	26,5	41	14	17	17
		8	1/4"	19	12	28,5	43	17	19	19
		10	1/4"	19	12	38,5	53	19	22	24
		12	3/8"	22	12	40,5	55	22	27	30
		15	1/2"	27	14	42,5	57,5	27	27	32
	160	18	1/2"	27	14	48	64	32	36	36
		22	3/4"	32	16	56	72	36	41	46
	100	28	1"	40	18	64	80,5	41	50	55
		35	1" 1/4	50	20	70	91,5	50	60	60
		42	1" 1/2	55	22	70,5	93	60	65	70
S	400	6	1/4"	19	12	31,5	46	17	19	19
		8	1/4"	19	12	31,5	46	19	19	19
		10	3/8"	22	12	38	54	22	22	24
		12	3/8"	22	12	41	57	24	24	27
		14	1/2"	27	14	43,5	61	27	27	32
		16	1/2"	27	14	46	64	30	32	36
		20	3/4"	32	16	50	71,5	36	41	46
	250	25	1"	40	18	54,5	78,5	46	46	50
		30	1" 1/4	50	20	64	90,5	50	60	60
		38	1" 1/2	55	22	71,5	102	60	65	70

Filettatura / Thread:
Metric (Form E DIN 3852)

W.P.		Ø tube	Dimensions							
bar		d1	ØF	ØN	l	L1	L	CH1	CH5	CH6
L	250	6	10x1	14	8	26,5	41	14	17	17
		8	12x1,5	17	12	28,5	43	17	19	19
		10	14x1,5	19	12	38,5	53	19	22	24
		12	16x1,5	22	12	40,5	55	22	27	30
		15	18x1,5	24	12	42,5	57,5	27	27	32
	160	18	22x1,5	27	14	48	64	32	36	36
		22	26x1,5	32	16	56	72	36	41	46
	100	28	33x2	40	18	64	80,5	41	50	55
		35	42x2	50	20	70	91,5	50	60	60
		42	48x2	55	22	70,5	93	60	65	70
S	400	6	12x1,5	17	12	31,5	46	17	19	19
		8	14x1,5	19	12	31,5	46	19	19	19
		10	16x1,5	22	12	38	54	22	22	24
		12	18x1,5	24	12	41	57	24	24	27
		14	20x1,5	26	14	43,5	61	27	27	32
		16	22x1,5	27	14	46	64	30	32	36
		20	27x2	32	16	50	71,5	36	41	46
	250	25	33x2	40	18	54,5	78,5	46	46	50
		30	42x2	50	20	64	90,5	50	60	60
		38	48x2	55	22	71,5	102	60	65	70

0050 Dado

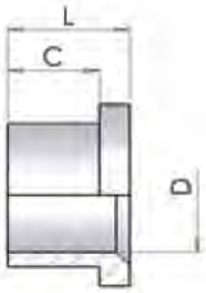
Nut



Ø tube		Dimensions			
mm	inch	F	L	E	
6	1/4"	7/16" - 20	16	14	
8	5/16"	1/2" - 20	17	17	
10	3/8"	9/16" - 18	18	19	
12	1/2"	3/4" - 16	21	22	
16	5/8"	7/8" - 14	25	27	
20	3/4"	1.1/16" - 12	26	32	
25	1"	1.5/16" - 12	28	41	
32	1-1/4"	1.5/8" - 12	31	50	
38	1-1/2"	1.7/8" - 12	36	60	

1050 Bussola per tubo metrico

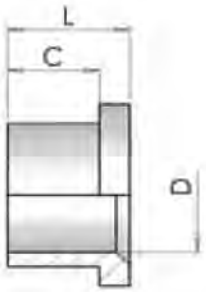
Sleeve for inches tube



Ø tube	Dimensions			
mm	L	C	D	
6	10	7	6	
8	11	7	8	
10	13	8	10	
12	14	9	12	
14	17	11	14	
15	17	11	15	
16	17	11	16	
18	17	11	18	
20	17	11	20	
25	20	13	25	
30	23	15	30	
32	23	15	32	
38	28	20	38	

2050 Bussola per tubo in pollici

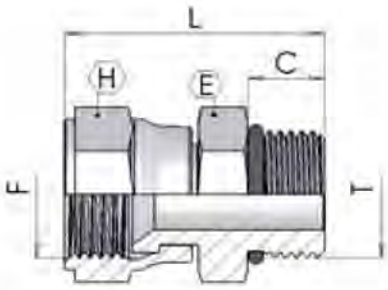
Sleeve for inches tube



Ø tube	Dimensions			
inch	L	C	D	
1/4"	10	7	1/4"	
5/16"	11	7	5/16"	
3/8"	13	8	3/8"	
1/2"	14	9	1/2"	
5/8"	17	11	5/8"	
3/4"	17	11	3/4"	
1"	20	13	1"	
1.1/4"	23	15	1.1/4"	
1.1/2"	28	20	1.1/2"	

5050 Nipplo maschio UNF/femmina JIC

Connector swivel JIC female X UNF male

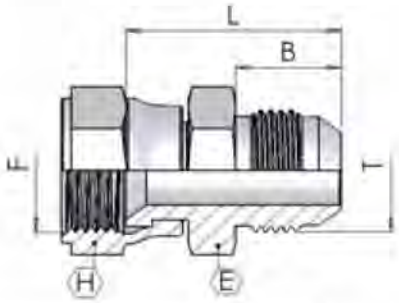


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	9	33	15	14	
8	5/16"	1/2" - 20	1/2" - 20	9	34	17	17	
10	3/8"	9/16" - 18	9/16" - 18	10	36	19	17	
12	1/2"	3/4" - 16	3/4" - 16	11	42	24	22	
16	5/8"	7/8" - 14	7/8" - 14	13	47	27	27	
20	3/4"	1.1/16" - 12	1.1/16" - 12	15	51	32	32	
25	1"	1.5/16" - 12	1.5/16" - 12	15	58	38	38	
32	1-1/4"	1.5/8" - 12	1.5/8" - 12	15	63	50	50	
38	1-1/2"	1.7/8" - 12	1.7/8" - 12	15	68	55	55	

5550 Nipplo M/F Jic

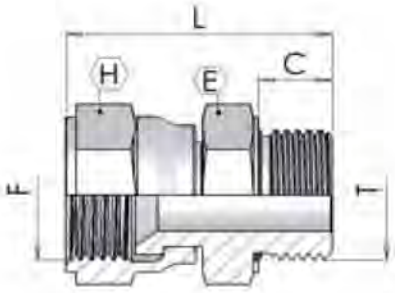
Swivel Union M/F JIC



Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	14	27	15	12	
8	5/16"	1/2" - 20	1/2" - 20	14	28	17	14	
10	3/8"	9/16" - 18	9/16" - 18	14	29	19	15	
12	1/2"	3/4" - 16	3/4" - 16	17	34	24	19	
16	5/8"	7/8" - 14	7/8" - 14	19	39	27	24	
20	3/4"	1.1/16" - 12	1.1/16" - 12	22	43	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	23	47	38	34	
32	1-1/4"	1.5/8" - 12	1.5/8" - 12	24	53	50	42	
38	1-1/2"	1.7/8" - 12	1.7/8" - 12	28	60	55	50	
50	2"	2.1/2"-12	2.1/2"-12	34	71	60	65	

3550 Nipplo maschio BSP/femmina JIC

Connector swivel JIC female X BSP male

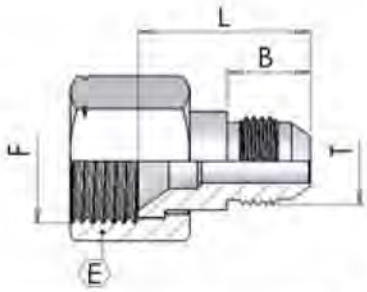


Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	1/8"-28	8	28	15	14	
6	1/4"	7/16" - 20	1/4"-19	11	33	15	19	
6	1/4"	7/16" - 20	3/8"-19	11	36	15	22	
6	1/4"	7/16" - 20	1/2"-14	15	41	15	27	
8	5/16"	1/2" - 20	1/4"-19	11	34	17	19	
8	5/16"	1/2" - 20	3/8"-19	11	37	17	22	
10	3/8"	9/16" - 18	1/4"-19	11	35	19	19	
10	3/8"	9/16" - 18	3/8"-19	11	36	19	22	
10	3/8"	9/16" - 18	1/2"-14	15	41	19	27	
12	1/2"	3/4" - 16	1/4"-19	11	36	24	19	
12	1/2"	3/4" - 16	3/8"-19	11	39	24	22	
12	1/2"	3/4" - 16	1/2"-14	15	43	24	27	
16	5/8"	7/8" - 14	3/8"-19	11	43	27	22	
16	5/8"	7/8" - 14	1/2"-14	15	47	27	27	
16	5/8"	7/8" - 14	3/4"-14	15	49	27	32	
20	3/4"	1.1/16" - 12	1/2"-14	15	49	32	27	
20	3/4"	1.1/16" - 12	3/4"-14	15	49	32	32	
20	3/4"	1.1/16" - 12	1"-11	19	55	32	41	
25	1"	1.5/16" - 12	3/4"-14	15	52	38	32	
25	1"	1.5/16" - 12	1"-11	19	58	38	41	
25	1"	1.5/16" - 12	1.1/4"-11	19	63	38	50	
32	1-1/4"	1.5/8" - 12	1"-11	19	58	50	41	
32	1-1/4"	1.5/8" - 12	1.1/4"-11	19	63	50	50	
38	1-1/2"	1.7/8" - 12	1.1/2"-11	19	69	55	55	

5650 Riduzione M/F Jic

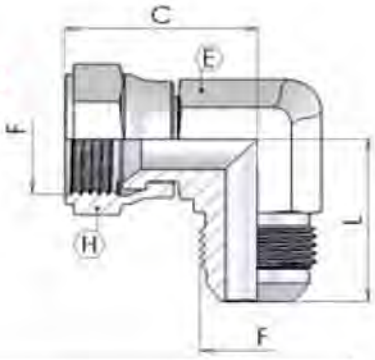
Swivel Reduction M/F JIC



Ø tube		Dimensions					
mm	inch	F	T	B	L	E	
10	3/8"	9/16" - 18	7/16" - 20	14	23	19	
10	3/8"	9/16" - 18	1/2" - 20	14	23	19	
12	1/2"	3/4" - 16	7/16" - 20	14	24	22	
12	1/2"	3/4" - 16	1/2" - 20	14	24	22	
12	1/2"	3/4" - 16	9/16" - 18	14	24	22	
16	5/8"	7/8" - 14	7/16" - 20	14	25	27	
16	5/8"	7/8" - 14	9/16" - 18	14	25	27	
16	5/8"	7/8" - 14	3/4" - 16	17	28	27	
20	3/4"	1.1/16" - 12	7/16" - 20	14	27	32	
20	3/4"	1.1/16" - 12	9/16" - 18	14	27	32	
20	3/4"	1.1/16" - 12	3/4" - 16	17	30	32	
20	3/4"	1.1/16" - 12	7/8" - 14	19	32	32	
25	1"	1.5/16" - 12	7/8" - 14	19	34	41	
25	1"	1.5/16" - 12	1.1/16" - 12	22	36	41	
32	1.1/4"	1.5/8" - 12	1.1/16" - 12	22	39	50	
32	1.1/4"	1.5/8" - 12	1.5/16" - 12	23	40	50	
38	1.1/2"	1.7/8" - 12	1.1/16" - 12	22	41	60	
38	1.1/2"	1.7/8" - 12	1.5/16" - 12	23	42	60	
38	1.1/2"	1.7/8" - 12	1.5/8" - 12	24	43	60	

6050 Gomito 90° maschio/femm. girevole JIC

90° connector swivel JIC female X JIC male



Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	26	23	16	14	
8	5/16"	1/2" - 20	1/2" - 20	29	26	16	14	
10	3/8"	9/16" - 18	9/16" - 18	32	26	19	14	
12	1/2"	3/4" - 16	3/4" - 16	35	32	24	19	
16	5/8"	7/8" - 14	7/8" - 14	41	36	27	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	44	40	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	50	42	38	34	
32	1.1/4"	1.5/8" - 12	1.5/8" - 12	59	52	50	41	
38	1.1/2"	1.7/8" - 12	1.7/8" - 12	66	59	60	48	
50	2"	2.1/2" - 12	2.1/2" - 12	78	85	66	70	

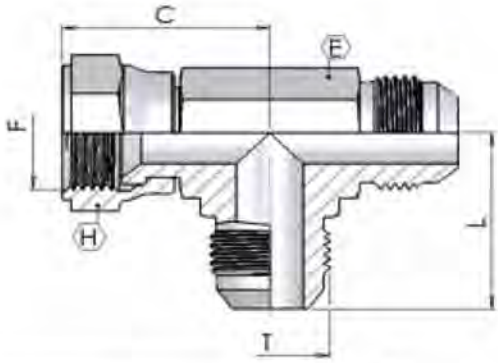
7050 Gomito 45° maschio/femm. girevole JIC

45° connector swivel JIC female X JIC male

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	24	19	16	14	
8	5/16"	1/2" - 20	1/2" - 20	25	21	16	14	
10	3/8"	9/16" - 18	9/16" - 18	25	21	19	14	
12	1/2"	3/4" - 16	3/4" - 16	32	29	24	19	
16	5/8"	7/8" - 14	7/8" - 14	34	29	27	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	38	33	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	44	48	38	33	

8050 T con femmina girevole laterale

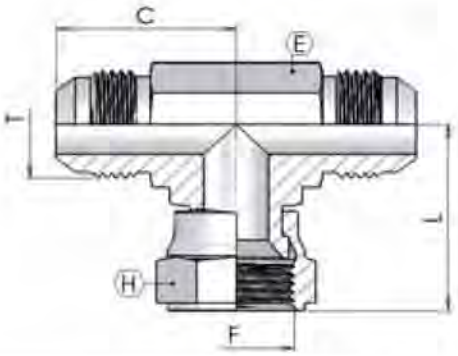
Female run tee



Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	25	23	15	11	
8	5/16"	1/2" - 20	1/2" - 20	27	24	17	13	
10	3/8"	9/16" - 18	9/16" - 18	32	27	19	14	
12	1/2"	3/4" - 16	3/4" - 16	35	32	24	19	
16	5/8"	7/8" - 14	7/8" - 14	41	37	27	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	44	42	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	51	46	38	33	
32	1.1/4"	1.5/8" - 12	1.5/8" - 12	58	52	50	41	

9050 T con femmina girevole centrale

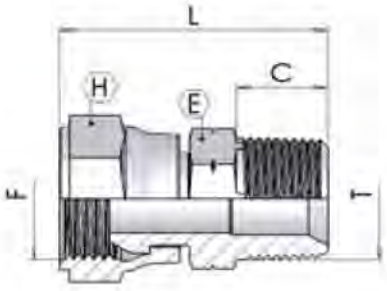
Female branch tee



Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	25	26	15	14	
8	5/16"	1/2" - 20	1/2" - 20	24	27	17	14	
10	3/8"	9/16" - 18	9/16" - 18	26	30	19	14	
12	1/2"	3/4" - 16	3/4" - 16	32	35	24	19	
16	5/8"	7/8" - 14	7/8" - 14	37	41	27	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	42	44	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	46	52	38	33	
32	1.1/4"	1.5/8" - 12	1.5/8" - 12	52	59	50	41	

6052 Nipplo maschio NPTF/femmina NPSM

Straight connector NPSM female X NPTF male

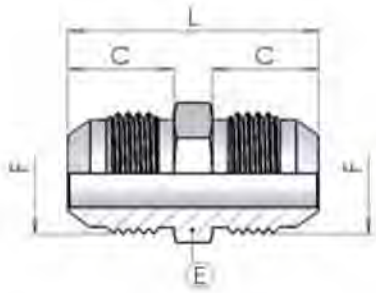


Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	1/8" - 28	1/8" - 28	10	28	14	13	
8	5/16"	1/4" - 18	1/4" - 18	14	36	19	15	
10	3/8"	3/8" - 18	3/8" - 18	14	39	22	19	
12	1/2"	1/2" - 14	1/2" - 14	19	48	27	27	
20	3/4"	3/4" - 14	3/4" - 14	19	53	32	32	
25	1"	1" - 11,5	1" - 11,5	24	61	38	36	

0019 Nipplo maschio

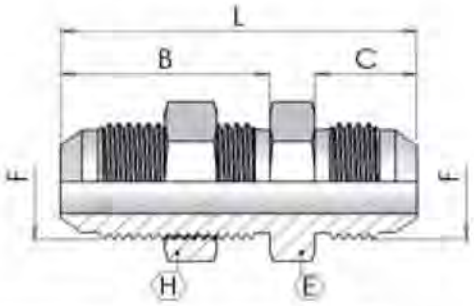
Male connector



Ø tube		Dimensions				
mm	inch	F	C	L	E	
6	1/4"	7/16" - 20	14	34	12	
8	5/16"	1/2" - 20	14	34	14	
10	3/8"	9/16" - 18	14	34	15	
12	1/2"	3/4" - 16	17	40	19	
16	5/8"	7/8" - 14	19	47	24	
20	3/4"	1.1/16" - 12	22	52	27	
25	1"	1.5/16" - 12	23	56	34	
32	1.1/4"	1.5/8" - 12	24	60	42	
38	1.1/2"	1.7/8" - 12	28	70	50	
50	2"	2.1/2" - 12	34	85	65	

1051 Passaparete Diritto

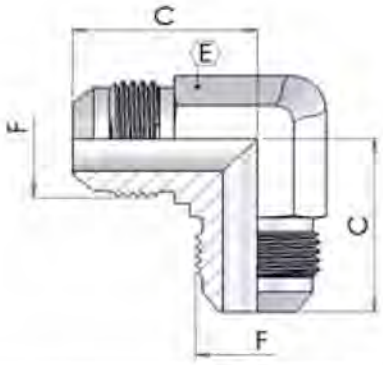
Straight Bulkhead Union



Ø tube		Dimensions						
mm	inch	F	L	C	B	H	E	
6	1/4"	7/16" - 20	53	14	31	17	13	
8	5/16"	1/2" - 20	53	14	31	19	14	
10	3/8"	9/16" - 18	55	14	33	22	16	
12	1/2"	3/4" - 16	62	17	37	24	19	
16	5/8"	7/8" - 14	70	19	41	30	24	
20	3/4"	1.1/16" - 12	79	22	45	36	27	
25	1"	1.5/16" - 12	80	23	45	41	36	
32	1.1/4"	1.5/8" - 12	84	24	47	50	46	
38	1.1/2"	1.7/8" - 12	89	28	47	55	50	

0051 Gomito a 90° M/M

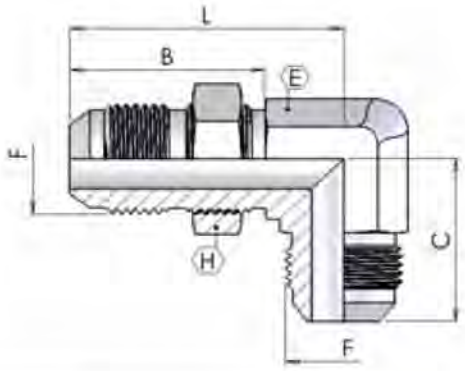
90° Elbow Union



Ø tube		Dimensions			
mm	inch	F	C	E	
6	1/4"	7/16" - 20	22	14	
8	5/16"	1/2" - 20	25	14	
10	3/8"	9/16" - 18	26	14	
12	1/2"	3/4" - 16	31	19	
16	5/8"	7/8" - 14	34	22	
20	3/4"	1.1/16" - 12	41	27	
25	1"	1.5/16" - 12	50	35	
32	1.1/4"	1.5/8" - 12	56	44	
38	1.1/2"	1.7/8" - 12	61	50	
50	2"	2.1/2" - 12	75	65	

3051 Passaparete a 90°

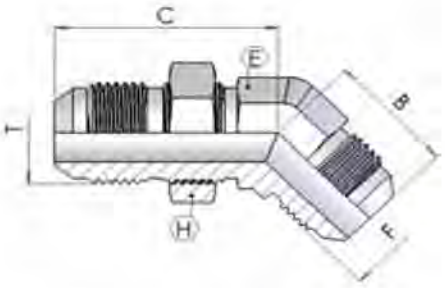
Bulkhead 90° Elbow Union



Ø tube		Dimensions						
mm	inch	F	C	L	B	H	E	
6	1/4"	7/16" - 20	25	41	28	17	11	
8	5/16"	1/2" - 20	27	44	28	19	14	
10	3/8"	9/16" - 18	28	46	30	22	14	
12	1/2"	3/4" - 16	35	54	35	24	19	
16	5/8"	7/8" - 14	40	61	39	30	22	
20	3/4"	1.1/16" - 12	45	68	43	36	27	
25	1"	1.5/16" - 12	50	71	43	41	33	
32	1.1/4"	1.5/8" - 12	55	79	44	50	41	

1451 Passaparete a 45°

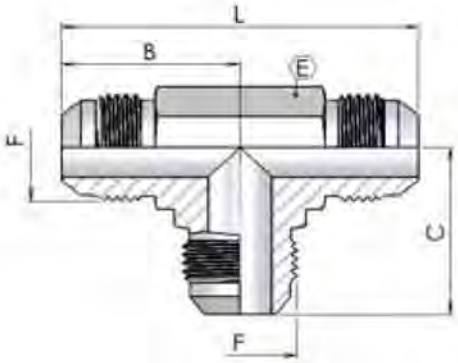
Bulkhead 45° Elbow Union



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	7/16" - 20	7/16" - 20	19	39	17	14	
8	5/16"	1/2" - 20	1/2" - 20	19	42	19	14	
10	3/8"	9/16" - 18	9/16" - 18	21	43	22	14	
12	1/2"	3/4" - 16	3/4" - 16	25	49	24	19	
16	5/8"	7/8" - 14	7/8" - 14	28	55	30	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	33	62	36	27	
25	1"	1.5/16" - 12	1.5/16" - 12	38	65	41	33	
32	1-1/4"	1.5/8" - 12	1.5/8" - 12	41	67	50	41	
38	1-1/2"	1.7/8" - 12	1.7/8" - 12	45	68	55	48	

2051 Unione a T

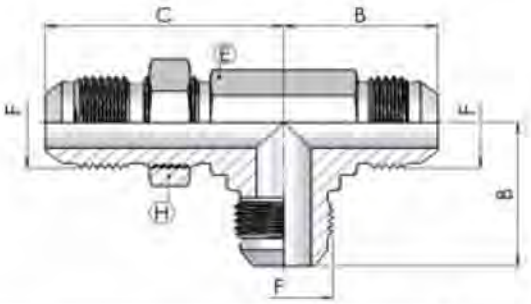
Union Tee



Ø tube		Dimensions					
mm	inch	F	C	L	B	E	
6	1/4"	7/16" - 20	26	52	26	14	
8	5/16"	1/2" - 20	24	48	24	14	
10	3/8"	9/16" - 18	26	52	26	14	
12	1/2"	3/4" - 16	32	64	32	19	
16	5/8"	7/8" - 14	32	64	32	22	
20	3/4"	1.1/16" - 12	42	84	42	27	
25	1"	1.5/16" - 12	46	92	46	35	
32	1.1/4"	1.5/8" - 12	52	104	52	44	
38	1.1/2"	1.7/8" - 12	59	118	59	50	
50	2"	2.1/2" - 12	78	156	78	65	

3551 T con passaparete laterale

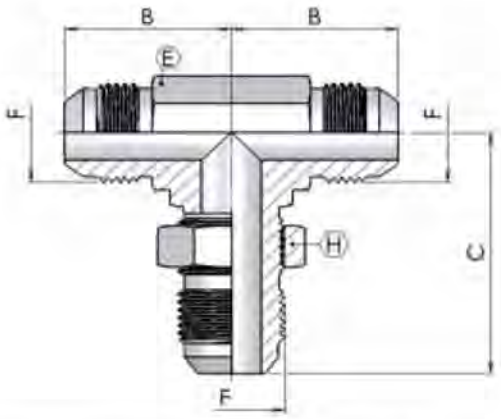
Bulkhead male run tee



Ø tube		Dimensions					
mm	inch	F		B	C	H	E
6	1/4"	7/16" - 20		25	40	17	14
8	5/16"	1/2" - 20		27	44	19	14
10	3/8"	9/16" - 18		28	46	22	14
12	1/2"	3/4" - 16		35	54	24	19
16	5/8"	7/8" - 14		40	61	30	22
20	3/4"	1.1/16" - 12		45	68	36	27
25	1"	1.5/16" - 12		50	71	41	33
32	1-1/4"	1.5/8" - 12		55	79	50	41
38	1-1/2"	1.7/8" - 12		59	87	55	48

3751 T con passaparete centrale

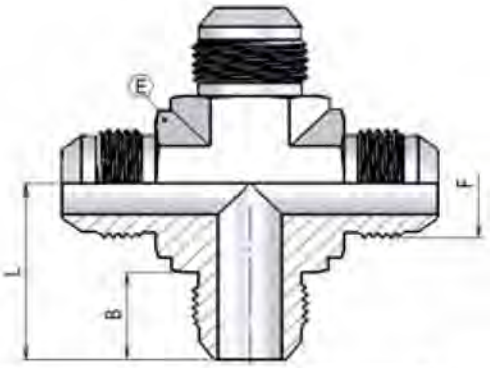
Bulkhead male Branch tee



Ø tube		Dimensions					
mm	inch	F		B	C	H	E
6	1/4"	7/16" - 20		25	40	17	14
8	5/16"	1/2" - 20		27	44	19	14
10	3/8"	9/16" - 18		28	46	22	14
12	1/2"	3/4" - 16		35	54	24	19
16	5/8"	7/8" - 14		40	61	30	22
20	3/4"	1.1/16" - 12		45	68	36	27
25	1"	1.5/16" - 12		50	71	41	33
32	1-1/4"	1.5/8" - 12		55	79	50	41
38	1-1/2"	1.7/8" - 12		59	87	55	48

0059 Croce di Unione Jic

Union Cross JIC

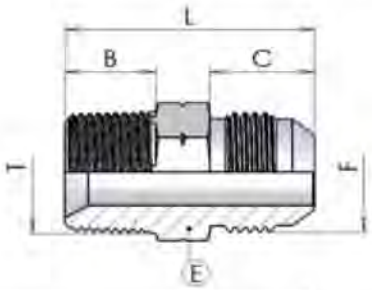


Ø tube		Dimensions				
mm	inch	F	B	L	E	
6	1/4"	7/16" - 20	14	23	12	
8	5/16"	1/2" - 20	14	24	14	
10	3/8"	9/16" - 18	14	27	14	
12	1/2"	3/4" - 16	17	32	19	
16	5/8"	7/8" - 14	19	37	22	
20	3/4"	1.1/16" - 12	22	42	27	
25	1"	1.5/16" - 12	23	46	33	
32	1-1/4"	1.5/8" - 12	24	52	41	
38	1-1/2"	1.7/8" - 12	28	59	48	

0619 Nipplo maschio Jic/NPTF

Male connector NPTF male X JIC male

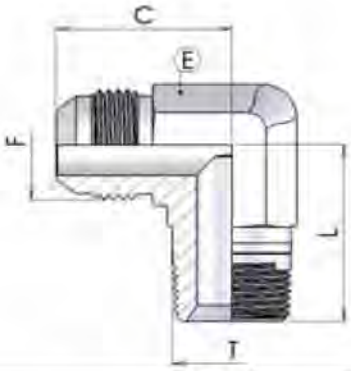
Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)



Ø tube		Dimensions					
mm	inch	F	T	C	L	B	E
6	1/4"	7/16" - 20	1/8"	14	30	10	12
8	5/16"	1/2" - 20	1/8"	14	31	10	14
10	3/8"	9/16" - 18	1/8"	14	30	10	15
6	1/4"	7/16" - 20	1/4"	14	35	14	15
8	5/16"	1/2" - 20	1/4"	14	35	14	15
10	3/8"	9/16" - 18	1/4"	14	36	14	15
10	3/8"	9/16" - 18	3/8"	14	36	14	19
12	1/2"	3/4" - 16	3/8"	17	39	14	19
16	5/8"	7/8" - 14	3/8"	19	43	14	24
6	1/4"	7/16" - 20	1/2"	14	41	19	22
10	3/8"	9/16" - 18	1/2"	14	41	19	22
12	1/2"	3/4" - 16	1/2"	17	44	19	22
16	5/8"	7/8" - 14	1/2"	19	48	19	24
20	3/4"	1.1/16" - 12	1/2"	22	49	19	27
12	1/2"	3/4" - 16	3/4"	17	45	19	27
16	5/8"	7/8" - 14	3/4"	19	50	19	27
20	3/4"	1.1/16" - 12	3/4"	22	52	19	27
25	1"	1.5/16" - 12	3/4"	23	52	19	34
20	3/4"	1.1/16" - 12	1"	22	56	24	36
25	1"	1.5/16" - 12	1"	23	58	24	36
32	1.1/4"	1.5/8" - 12	1"	24	62	24	46
32	1.1/4"	1.5/8" - 12	1.1/4"	24	62	25	46
38	1.1/2"	1.7/8" - 12	1.1/2"	28	66	25	50
50	2"	2.1/2" - 12	2"	34	78	26	65

4051 Gomito 90° JIC/NPTF

90° connector JIC male X NPTF male

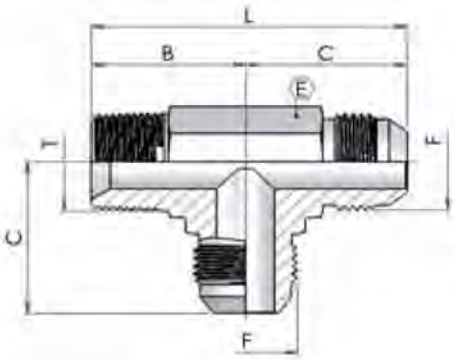


Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)

Ø tube		Dimensions					
mm	inch	F	T	C	L	E	
6	1/4"	7/16" - 20	1/8"	25	24	14	
8	5/16"	1/2" - 20	1/8"	26	24	14	
6	1/4"	7/16" - 20	1/4"	26	27	14	
8	5/16"	1/2" - 20	1/4"	26	27	14	
10	3/8"	9/16" - 18	1/4"	26	27	14	
10	3/8"	9/16" - 18	3/8"	28	32	19	
12	1/2"	3/4" - 16	3/8"	32	32	19	
14	5/8"	7/8" - 14	3/8"	34	36	22	
10	3/8"	9/16" - 18	1/2"	29	36	22	
12	1/2"	3/4" - 16	1/2"	34	36	22	
15	5/8"	7/8" - 14	1/2"	34	36	22	
18	3/4"	1.1/16" - 12	1/2"	40	42	27	
12	1/2"	3/4" - 16	3/4"	36	40	27	
16	5/8"	7/8" - 14	3/4"	39	43	27	
20	3/4"	1.1/16" - 12	3/4"	40	43	27	
25	1"	1.5/16" - 12	3/4"	42	42	33	
25	1"	1.5/16" - 12	1"	42	42	33	
32	1.1/4"	1.5/8" - 12	1"	56	57	44	
32	1.1/4"	1.5/8" - 12	1-1/4"	56	59	44	
38	1.1/2"	1.7/8" - 12	1-1/2"	62	62	50	
50	2"	2.1/2" - 12	2"	74	74	65	

6051 T con maschio NPTF laterale

NPTF male Run Tee

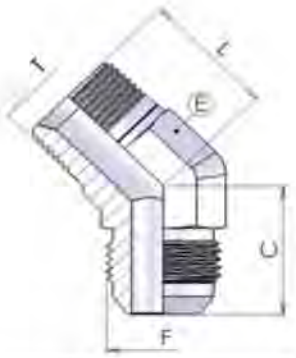


Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)

Ø tube		Dimensions						
mm	inch	F	T	C	L	B	E	
6	1/4"	7/16" - 20	1/8"	23	43	20	14	
6	1/4"	7/16" - 20	1/4"	26	52	26	14	
8	5/16"	1/2" - 20	1/4"	24	51	27	14	
10	3/8"	9/16" - 18	1/4"	27	55	28	14	
12	1/2"	3/4" - 16	3/8"	32	63	31	19	
16	5/8"	7/8" - 14	1/2"	37	74	37	22	
20	3/4"	1.1/16" - 12	3/4"	42	82	40	27	
25	1"	1.5/16" - 12	1"	46	92	45,5	32	

5051 Gomito 45° JIC/NPTF

45° connector JIC male X NPTF male

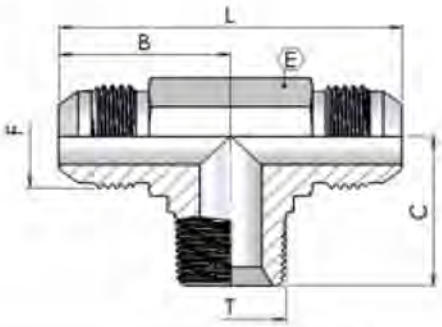


Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)

Ø tube		Dimensions					
mm	inch	F	T	C	L	E	
6	1/4"	7/16" - 20	1/8"	20	18	14	
8	5/16"	1/2" - 20	1/8"	22	20	14	
6	1/4"	7/16" - 20	1/4"	21	20	14	
8	5/16"	1/2" - 20	1/4"	20	20	14	
10	3/8"	9/16" - 18	1/4"	22	23	19	
10	3/8"	9/16" - 18	3/8"	22	23	19	
12	1/2"	3/4" - 16	3/8"	27	23	22	
14	5/8"	7/8" - 14	3/8"	29	23	22	
10	3/8"	9/16" - 18	1/2"	22	28	22	
12	1/2"	3/4" - 16	1/2"	27	28	22	
15	5/8"	7/8" - 14	1/2"	32	32	27	
18	3/4"	1.1/16" - 12	1/2"	35	32	27	
12	1/2"	3/4" - 16	3/4"	30	32	27	
16	5/8"	7/8" - 14	3/4"	29	29	27	
20	3/4"	1.1/16" - 12	3/4"	33	32	27	
25	1"	1.5/16" - 12	3/4"	29	29	35	
25	1"	1.5/16" - 12	1"	37	38	35	
32	1.1/4"	1.5/8" - 12	1"	42	43	44	
32	1.1/4"	1.5/8" - 12	1-1/4"	42	43	44	
38	1.1/2"	1.7/8" - 12	1-1/2"	44	43	50	
50	2"	2.1/2" - 12	2"	53	52	65	70

7051 T con maschio NPTF centrale

NPTF male branch Tee

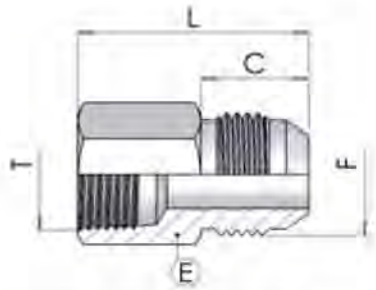


Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)

Ø tube		Dimensions						
mm	inch	F	T	C	L	B	E	
6	1/4"	7/16" - 20	1/8"	20	46	23	14	
6	1/4"	7/16" - 20	1/4"	26	52	26	14	
8	5/16"	1/2" - 20	1/4"	26	52	26	14	
10	3/8"	9/16" - 18	1/4"	28	54	27	14	
12	1/2"	3/4" - 16	3/8"	31	64	32	19	
16	5/8"	7/8" - 14	1/2"	37	74	37	22	
20	3/4"	1.1/16" - 12	3/4"	40	84	42	27	
25	1"	1.5/16" - 12	1"	50	92	46	35	

8051 Nipplo maschio JIC/femmina fissa NPTF

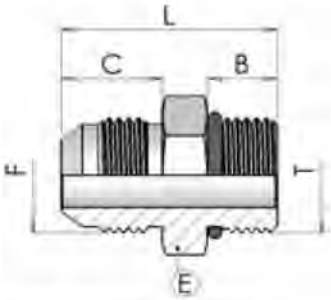
Connector NPTF female X JIC male



Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)

Ø tube		Dimensions					
mm	inch	F	T	C	L	E	
6	1/4"	7/16" - 20	1/8" - 27	14	30	14	
8	5/16"	1/2" - 20	1/8" - 27	14	30	14	
10	3/8"	9/16" - 18	1/4" - 18	14	35	19	
10	3/8"	9/16" - 18	3/8" - 18	14	39	22	
12	1/2"	3/4" - 16	3/8" - 14	17	39	22	
16	5/8"	7/8" - 14	1/2" - 14	19	46	24	
20	3/4"	1.1/16" - 12	3/4" - 14	22	51	27	
25	1"	1.5/16" - 12	1" - 11.1/2	23	54	36	

0719 Nipplo maschio Jic/UNF

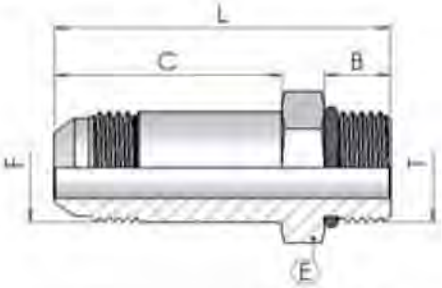


Male connector JIC male X UNF straight thread

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	C	L	B	E	
6	1/4"	7/16" - 20	7/16" - 20	14	31	9	14	
6	1/4"	7/16" - 20	1/2" - 20	14	31	9	17	
6	1/4"	7/16" - 20	9/16" - 18	14	32	10	17	
8	5/16"	1/2" - 20	1/2" - 20	14	31	9	17	
8	5/16"	1/2" - 20	3/4" - 14	14	35	11	22	
10	3/8"	9/16" - 18	9/16" - 18	14	33	10	17	
10	3/8"	9/16" - 18	3/4" - 14	14	35	11	22	
12	1/2"	3/4" - 14	3/4" - 14	17	38	11	22	
12	1/2"	3/4" - 14	7/8" - 14	17	39	13	27	
14	5/8"	7/8" - 14	3/4" - 14	19	38	11	24	
15	5/8"	7/8" - 14	7/8" - 14	19	43	13	27	
16	5/8"	7/8" - 14	1.1/16" - 12	19	47	15	32	
20	3/4"	1.1/16" - 12	7/8" - 14	22	46	13	27	
20	3/4"	1.1/16" - 12	1.1/16" - 12	22	50	15	32	
20	3/4"	1.1/16" - 12	1.5/16" - 12	22	51	15	38	
25	1"	1.5/16" - 12	1.1/16" - 12	23	51	15	34	
25	1"	1.5/16" - 12	1.5/16" - 12	23	52	15	38	
32	1.1/4"	1.5/8" - 12	1.5/8" - 12	24	55	15	50	
38	1.1/2"	1.7/8" - 12	1.7/8" - 12	28	60	15	55	

0552 Giunzione M/M Lunga Jic/UNF

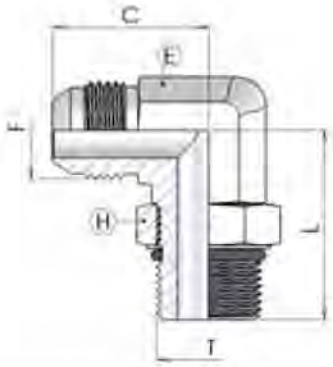


Long Male Connector Jic/UNF

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	7/16-20	7/16-20	53	9	36	14	
8	5/16"	1/2-20	1/2-20	54	9	37	16	
10	3/8"	9/16-18	9/16-18	59	10	40	17	
10	3/8"	9/16-18	3/4-16	60	11	40	22	
12	1/2"	3/4-16	3/4-16	68	11	48	22	
14-16	5/8"	7/8-14	3/4-16	75	11	53	24	
12	1/2"	3/4-16	7/8-14	72	13	48	27	
14-16	5/8"	7/8-14	7/8-14	77	13	53	27	
18-20	3/4"	1.1/16-12	7/8-14	89	13	64	27	
14-16	5/8"	7/8-14	1.1/16-12	81	15	53	32	
18-20	3/4"	1.1/16-12	1.1/16-12	92	15	64	32	
18-20	3/4"	1.1/16-12	1.5/16-12	93	15	64	35	
25	1"	1.5/16-12	1.5/16-12	101	15	72	35	
30-32	1.1/4"	1.5/8-12	1.5/8-12	119	15	88	50	
38	1.1/2"	1.7/8-12	1.7/8-12	131	15	99	55	

9051 Gomito 90° orientabile JIC/UNF

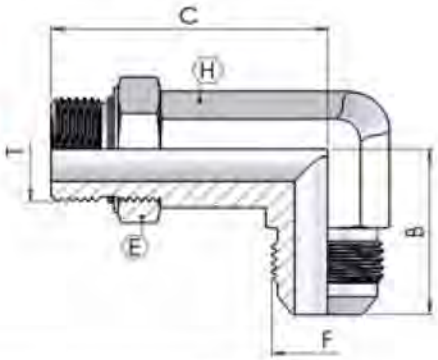


90° elbow "adjustable" connector JIC male X UNF
straight thread male

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	24	26	14	11	
8	5/16"	1/2" - 20	1/2" - 20	26	32	17	14	
10	3/8"	9/16" - 18	9/16" - 18	26	32	17	14	
12	1/2"	3/4" - 16	3/4" - 16	31	37	22	19	
16	5/8"	7/8" - 14	7/8" - 14	35	43	25	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	41	49	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	47	52	38	35	
32	1.1/4"	1.5/8" - 12	1.5/8" - 12	57	57	48	43	

9551 Gomito 90° Orientabile Lungo JIC/UNF

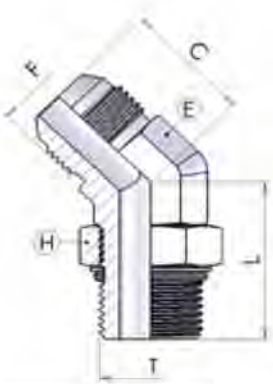


45° elbow "adjustable" connector JIC male X UNF
straight thread male

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	
6	1/4"	7/16-20	7/16-20	23	46	14	12	
8	5/16"	1/2-20	1/2-20	24	50	16	14	
10	3/8"	9/16-18	9/16-18	27	57	17	14	
10	3/8"	9/16-18	3/4-16	29	67	22	19	
12	1/2"	3/4-16	3/4-16	32	67	22	19	
14-16	5/8"	7/8-14	3/4-16	37	75	22	22	
12	1/2"	3/4-16	7/8-14	34	78	27	22	
14-16	5/8"	7/8-14	7/8-14	37	78	27	22	
18-20	3/4"	1.1/16-12	7/8-14	42	88	27	27	
14-16	5/8"	7/8-14	1.1/16-12	40	92	32	27	
18-20	3/4"	1.1/16-12	1.1/16-12	42	92	32	27	
18-20	3/4"	1.1/16-12	1.5/16-12	45	105	41	33	
25	1"	1.5/16-12	1.5/16-12	46	105	41	33	
30-32	1.1/4"	1.5/8-12	1.5/8-12	52	124	50	41	
38	1.1/2"	1.7/8-12	1.7/8-12	59	135	55	48	

0052 Gomito 45° orientabile JIC/UNF

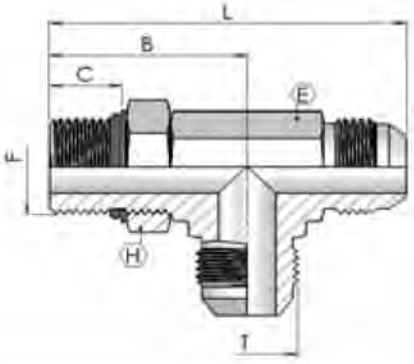


45° elbow "adjustable" connector JIC male X UNF straight thread male

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	19	27	14	11	
8	5/16"	1/2" - 20	1/2" - 20	22	29	17	14	
10	3/8"	9/16" - 18	9/16" - 18	22	29	17	14	
12	1/2"	3/4" - 16	3/4" - 16	26	33	22	19	
16	5/8"	7/8" - 14	7/8" - 14	30	39	25	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	35	44	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	39	47	38	35	
32	1.1/4"	1.5/8" - 12	1.5/8" - 12	40	49	48	43	

1052 T con maschio UNF laterale orientabile



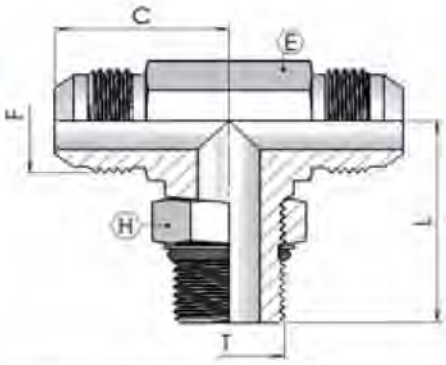
Adjustable UNF male run Tee

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	C	L	B	E	
6	1/4"	7/16" - 20	7/16" - 20	10	49	26	11	
8	5/16"	1/2" - 20	1/2" - 20	11	52	28	13	
10	3/8"	9/16" - 18	9/16" - 18	11	59	32	14	
12	1/2"	3/4" - 16	3/4" - 16	13	69	37	19	
16	5/8"	7/8" - 14	7/8" - 14	14	80	43	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	17	91	49	27	
25	1"	1.5/16" - 12	1.5/16" - 12	17	98	52	33	

2052 T con maschio UNF centrale orientabile

Adjustable UNF male branch Tee

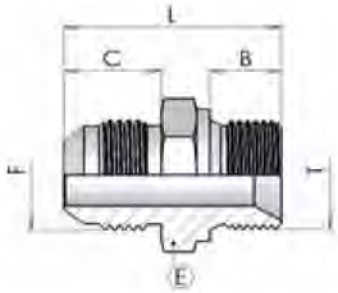


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	7/16" - 20	23	26	14	11	
8	5/16"	1/2" - 20	1/2" - 20	24	28	16	13	
10	3/8"	9/16" - 18	9/16" - 18	27	32	17	14	
12	1/2"	3/4" - 16	3/4" - 16	32	37	22	19	
16	5/8"	7/8" - 14	7/8" - 14	37	43	27	22	
20	3/4"	1.1/16" - 12	1.1/16" - 12	42	49	32	27	
25	1"	1.5/16" - 12	1.5/16" - 12	46	52	38	33	

0519 Nipplo maschio BSP/JIC

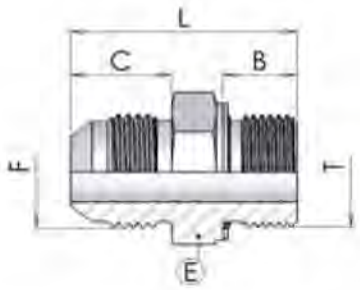
Connector BSP parallel thread male X JIC male



Filettatura / Thread:
BSPP (Form A DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	C	L	B	E	
6	1/4"	7/16" - 20	1/8"	14	29	8	14	
6	1/4"	7/16" - 20	1/4"	14	34	12	19	
8	5/16"	1/2" - 20	1/4"	14	34	12	19	
10	3/8"	9/16" - 18	1/4"	14	34	12	19	
8	5/16"	1/2" - 20	3/8"	14	36	12	22	
10	3/8"	9/16" - 18	3/8"	14	36	12	22	
12	1/2"	3/4" - 16	3/8"	17	38	12	22	
14	5/8"	7/8" - 14	3/8"	19	42	12	24	
10	3/8"	9/16" - 18	1/2"	14	39	14	27	
12	1/2"	3/4" - 16	1/2"	17	42	14	27	
15	5/8"	7/8" - 14	1/2"	19	44	14	27	
20	3/4"	1.1/16" - 12	1/2"	22	47	14	27	
14	5/8"	7/8" - 14	5/8"	19	46	16	30	
14	5/8"	1.1/16" - 12	5/8"	22	49	16	30	
14	5/8"	7/8" - 14	3/4"	19	46	16	32	
20	3/4"	1.1/16" - 12	3/4"	22	49	16	32	
25	1"	1.5/16" - 12	3/4"	23	52	16	34	
20	3/4"	1.1/16" - 12	1"	22	52	18	41	
25	1"	1.5/16" - 12	1"	23	54	18	41	
32	1.1/4"	1.5/8" - 12	1"	24	57	18	42	
32	1.1/4"	1.5/8" - 12	1.1/4"	24	58	20	50	
32	1.1/4"	1.5/8" - 12	1.1/2"	24	59	22	55	
38	1.1/2"	1.7/8" - 12	1.1/2"	28	63	22	55	

1519 Giunzione M/M Jic/BSP O'Ring



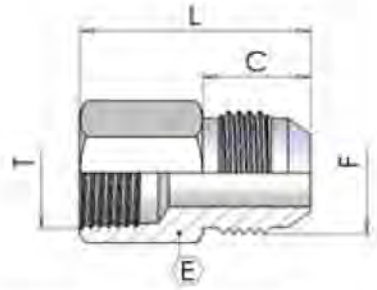
Male Connector Jic/BSP O'Ring

Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	7/16-20	1/8-28	29	8	14	14	
8	5/16"	1/2-20	1/8-28	29	8	14	16	
6	1/4"	7/16-20	1/4-19	35	12	14	19	
8	5/16"	1/2-20	1/4-19	35	12	14	19	
10	3/8"	9/16-18	1/4-19	35	12	14	19	
12	1/2"	3/4-16	1/4-19	38	12	17	22	
6	1/4"	7/16-20	3/8-19	35	12	14	24	
8	5/16"	1/2-20	3/8-19	35	12	14	24	
10	3/8"	9/16-18	3/8-19	35	12	14	24	
12	1/2"	3/4-16	3/8-19	38	12	17	24	
14-16	5/8"	7/8-14	3/8-19	41	12	20	24	
10	3/8"	9/16-18	1/2-14	38	14	14	27	
12	1/2"	3/4-16	1/2-14	41	14	17	27	
14-16	5/8"	7/8-14	1/2-14	44	14	20	27	
18-20	3/4"	1.1/16-12	1/2-14	47	14	22	27	
12	1/2"	3/4-16	3/4-11	45	16	17	36	
14-16	5/8"	7/8-14	3/4-11	48	16	20	36	
18-20	3/4"	1.1/16-12	3/4-11	50	16	22	36	
25	1"	1.5/16-12	3/4-11	51	16	23	36	
18-20	3/4"	1.1/16-12	1-11	53	18	22	41	
25	1"	1.5/16-12	1-11	54	18	23	41	
30-32	1.1/4"	1.5/8-12	1-11	56	18	25	42	
25	1"	1.5/16-12	1.1/4-11	57	20	23	50	
30-32	1.1/4"	1.5/8-12	1.1/4-11	59	20	25	50	
38	1.1/2"	1.7/8-12	1.1/2-11	66	22	28	60	

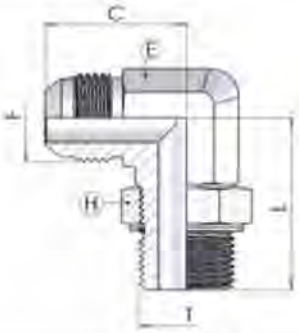
8551 Nipplo maschio JIC/femmina fissa BSP

Connector BSP female X JIC male



Ø tube		Dimensions					
mm	inch	F	T	C	L	E	
6	1/4"	7/16-20	1/8-28	14	28	19	
8	5/16"	1/2-20	1/8-28	14	28	19	
6	1/4"	7/16-20	1/4-19	14	31	19	
8	5/16"	1/2-20	1/4-19	14	31	19	
10	3/8"	9/16-18	1/4-19	14	31	22	
12	1/2"	3/4-16	1/4-19	17	36	27	
10	3/8"	9/16-18	3/8-19	14	36	22	
12	1/2"	3/4-16	3/8-19	17	36	27	
10	3/8"	9/16-18	1/2-14	14	41	22	
12	1/2"	3/4-16	1/2-14	17	41	27	
16	5/8"	7/8-14	1/2-14	20	42	32	
20	3/4"	1.1/16-12	1/2-14	22	45	32	
20	3/4"	1.1/16-12	3/4-11	22	48	32	
25	1"	1.5/16-12	1-11	23	55	41	

3052 Gomito 90° orientabile JIC/BSP

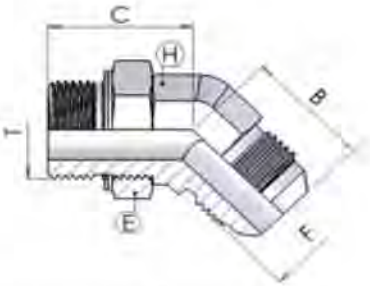


90° elbow "adjustable" connector JIC male X BSP straight thread male

Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	1/8"	23	26	14	11	
6	1/4"	7/16" - 20	1/4"	24	32	19	14	
8	5/16"	1/2" - 20	1/4"	24	33	19	14	
10	3/8"	9/16" - 18	1/4"	27	32	19	14	
10	3/8"	9/16" - 18	3/8"	29	37	22	19	
12	1/2"	3/4" - 16	3/8"	32	37	22	19	
14	5/8"	7/8" - 14	3/8"	37	43	22	22	
12	1/2"	3/4" - 16	1/2"	34	43	27	22	
15	5/8"	7/8" - 14	1/2"	37	43	27	22	
20	3/4"	1.1/16" - 12	1/2"	42	47	27	27	
16	5/8"	7/8" - 14	3/4"	37	50	36	27	
20	3/4"	1.1/16" - 12	3/4"	42	50	36	27	
25	1"	1.5/16" - 12	1"	46	52	41	33	
32	1.1/4"	1.5/8" - 12	1.1/4"	52	57	50	41	
38	1.1/2"	1.7/8" - 12	1.1/2"	59	61	55	48	

3552 Curva a 45° Orientabile JIC/BSP

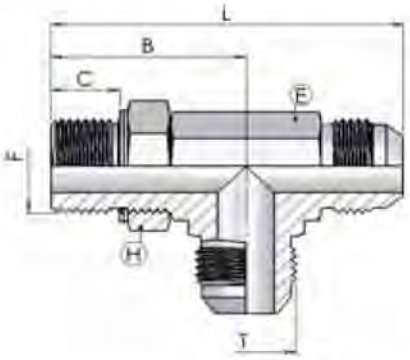


Adjustable BSP male run Tee

Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	7/16-20	1/8-28	19	27	14	12	
8	5/16"	1/2-20	1/8-28	20	27	14	14	
6	1/4"	7/16-20	1/4-19	21	29	19	14	
8	5/16"	1/2-20	1/4-19	21	29	19	14	
10	3/8"	9/16-18	1/4-19	21	29	19	14	
12	1/2"	3/4-16	1/4-19	25	30	19	19	
6	1/4"	7/16-20	3/8-19	21	33	24	19	
8	5/16"	1/2-20	3/8-19	21	33	24	19	
10	3/8"	9/16-18	3/8-19	22	33	24	19	
12	1/2"	3/4-16	3/8-19	25	33	24	19	
14-16	5/8"	7/8-14	3/8-19	28	35	24	22	
10	3/8"	9/16-18	1/2-14	23	39	27	22	
12	1/2"	3/4-16	1/2-14	25	39	27	22	
14-16	5/8"	7/8-14	1/2-14	28	39	27	22	
18-20	3/4"	1.1/16-12	1/2-14	33	41	27	27	
12	1/2"	3/4-16	3/4-11	28	44	36	27	
14-16	5/8"	7/8-14	3/4-11	30	44	36	27	
18-20	3/4"	1.1/16-12	3/4-11	33	44	36	27	
25	1"	1.5/16-12	3/4-11	37	47	36	33	
18-20	3/4"	1.1/16-12	1-11	36	47	41	33	
25	1"	1.5/16-12	1-11	37	47	41	33	
30-32	1.1/4"	1.5/8-12	1-11	41	49	41	41	
25	1"	1.5/16-12	1.1/4-11	39	49	50	41	
30-32	1.1/4"	1.5/8-12	1.1/4-11	41	49	50	41	
38	1.1/2"	1.7/8-12	1.1/2-11	45	49	60	48	

4052 T con maschio BSP laterale orientabile



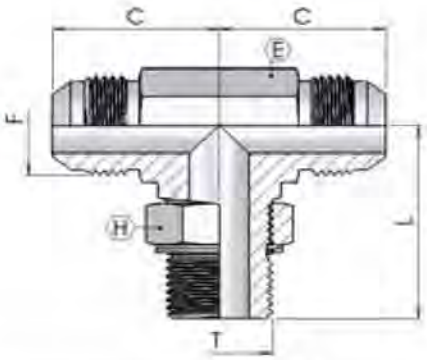
Adjustable BSP male run Tee

Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	T	F	C	L	B	E	
6	1/4"	7/16" - 20	1/8"	6	49	26	11	
8	5/16"	1/2" - 20	1/4"	11	56	32	14	
10	3/8"	9/16" - 18	1/4"	11	59	32	14	
10	3/8"	9/16" - 18	3/8"	11	64	37	19	
12	1/2"	3/4" - 16	3/8"	11	69	37	19	
16	5/8"	7/8" - 14	1/2"	13	80	43	22	
14-16	5/8"	7/8" - 14	3/4"	13	88	49,3	27	
20	3/4"	1.1/16" - 12	3/4"	13	92	50	27	
25	1"	1.5/16" - 12	1"	16	98	52	33	

5052 T con maschio BSP centrale orientabile

Adjustable BSP male branch Tee

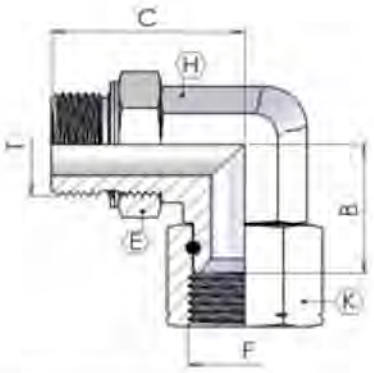


Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	C	L	H	E	
6	1/4"	7/16" - 20	1/8"	23	26	14	11	
8	5/16"	1/2" - 20	1/4"	24	32	19	14	
10	3/8"	9/16" - 18	1/4"	27	32	19	14	
10	3/8"	9/16" - 18	3/8"	27	37	22	19	
12	1/2"	3/4" - 16	3/8"	32	37	22	19	
12	1/2"	3/4" - 16	1/2"	34	43	27	22	
16	5/8"	7/8" - 14	1/2"	37	43	27	22	
20	3/4"	1.1/16" - 12	3/4"	42	50	36	27	
25	1"	1.5/16" - 12	1"	46	52	41	33	

5552 Curva Orientabile con Femmina Girevole JIC/GAS

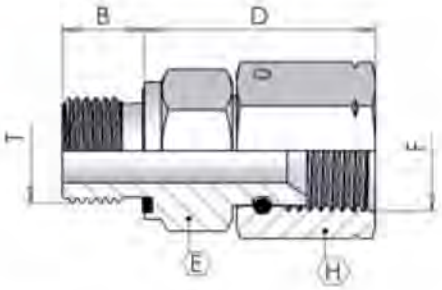
Adjustable Elbow with Swivel Nut JIC/BSP



Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	K
6	1/4"	7/16-20	1/8-28	18	26	14	12	17
6	1/4"	7/16-20	1/4-19	18	32	19	14	17
8	5/16"	1/2-20	1/4-19	19	32	19	14	17
10	3/8"	9/16-18	1/4-19	23	32	19	14	19
12	1/2"	3/4-16	1/4-19	24	35	19	19	24
8	5/16"	1/2-20	3/8-19	22	37	22	19	17
10	3/8"	9/16-18	3/8-19	23	37	22	19	19
12	1/2"	3/4-16	3/8-19	25	37	22	19	24
14-16	5/8"	7/8-14	3/8-19	26	40	22	22	27
12	1/2"	3/4-16	1/2-14	27	43	27	22	24
14-16	5/8"	7/8-14	1/2-14	29	43	27	22	27
18-20	3/4"	1.1/16-12	1/2-14	31	46	27	27	32
14-16	5/8"	7/8-14	3/4-11	29	55	36	27	27
18-20	3/4"	1.1/16-12	3/4-11	31	55	36	27	32
25	1"	1.5/16-12	3/4-11	36	58	36	33	41
18-20	3/4"	1.1/16-12	1-11	36	60	41	33	32
25	1"	1.5/16-12	1-11	38	60	41	33	41
30-32	1.1/4"	1.5/8-12	1.1/4-11	46	62	50	42	50
38	1.1/2"	1.7/8-12	1.1/2-11	53	65	55	48	55

3650 Nipplo femmina girevole JIC / maschio BSP con guarnizione ED

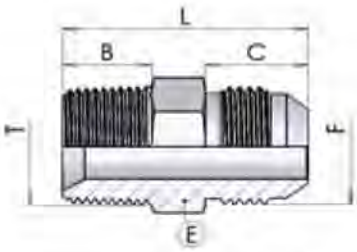


Connector swivel JIC female X BSP male with "ED" seal

Filettatura / Thread:
BSPP (Form E DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	B	D	H	E	
6	1/4"	7/16"-20	1/8"	8	26	14	14	
8	5/16"	1/2"-20	1/8"	8	28	17	14	
6	1/4"	7/16"-20	1/4"	12	26	14	19	
8	5/16"	1/2"-20	1/4"	12	27	17	19	
10	3/8"	9/16"-18	1/4"	12	28	19	19	
12	1/2"	3/4"-16	1/4"	12	30	22	19	
6	1/4"	7/16"-20	3/8"	12	28	14	22	
8	5/16"	1/2"-20	3/8"	12	29	17	22	
10	3/8"	9/16"-18	3/8"	12	30	19	22	
12	1/2"	3/4"-16	3/8"	12	32	22	22	
16	5/8"	7/8"-14	3/8"	12	36	27	22	
10	3/8"	9/16"-18	1/2"	14	31	19	27	
12	1/2"	3/4"-16	1/2"	14	34	22	27	
16	5/8"	7/8"-14	1/2"	14	38	27	27	
20	3/4"	1.1/16"-12	1/2"	14	38	32	27	
16	5/8"	7/8"-14	3/4"	16	39	27	32	
20	3/4"	1.1/16"-12	3/4"	16	39	32	32	
25	1"	1.5/16"-12	3/4"	16	43	41	32	
20	3/4"	1.1/16"-12	1"	18	41	32	41	
25	1"	1.5/16"-12	1"	18	44	41	41	
32	1.1/4"	1.5/8"-12	1"	18	45	50	41	
25	1"	1.5/16"-12	1.1/4"	20	47	41	50	
32	1.1/4"	1.5/8"-12	1.1/4"	20	47	50	50	
32	1.1/4"	1.7/8"-12	1.1/4"	20	54	60	50	
38	1.1/2"	1.7/8"-12	1.1/2"	22	55	60	55	

0319 Giunzione M/M Jic/Gas Conico

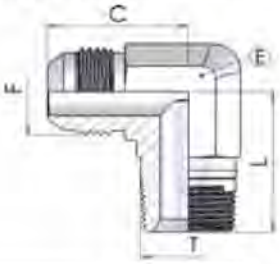


Male Connector Jic/BSPT

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	7/16-20	1/8-28	31	10	14	13	
8	5/16"	1/2-20	1/8-28	31	10	14	14	
6	1/4"	7/16-20	1/4-19	36	15	14	14	
8	5/16"	1/2-20	1/4-19	36	15	14	14	
10	3/8"	9/16-18	1/4-19	36	15	14	16	
12	1/2"	3/4-16	1/4-19	39	15	17	19	
10	3/8"	9/16-18	3/8-19	36	15	14	19	
12	1/2"	3/4-16	3/8-19	39	15	17	19	
14-16	5/8"	7/8-14	3/8-19	44	15	20	24	
12	1/2"	3/4-16	1/2-14	36	19	17	22	
14-16	5/8"	7/8-14	1/2-14	48	19	20	24	
18-20	3/4"	1.1/16-12	1/2-14	53	19	22	27	
14-16	5/8"	7/8-14	3/4-11	50	19	20	27	
18-20	3/4"	1.1/16-12	3/4-11	53	19	22	27	
25	1"	1.5/16-12	3/4-11	54	19	23	36	
18-20	3/4"	1.1/16-12	1-11	58	24	22	36	
25	1"	1.5/16-12	1-11	59	24	23	36	
30-32	1.1/4"	1.5/8-12	1-11	62	24	25	42	
30-32	1.1/4"	1.5/8-12	1.1/4-11	62	25	25	46	
38	1.1/2"	1.7/8-12	1.1/4-11	67	25	28	50	
38	1.1/2"	1.7/8-12	1.1/2-11	68	25	28	50	

6551 Curva 90° M/M Jic/Gas Conico



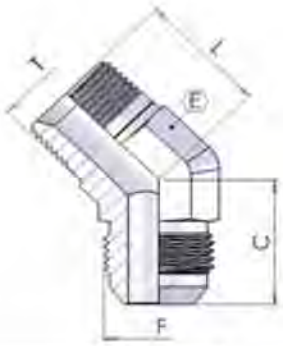
Male 90° Elbow Jic/BSPT

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions					
mm	inch	F	T	L	C	E	
6	1/4"	7/16"-20	1/8-28	20	23	12	
8	5/16"	1/2"-20	1/8-28	20	24	14	
6	1/4"	7/16"-20	1/4-19	28	27	14	
8	5/16"	1/2"-20	1/4-19	28	27	14	
10	3/8"	9/16"-18	1/4-19	28	27	14	
12	1/2"	3/4"-16	1/4-19	31	32	19	
10	3/8"	9/16"-18	3/8-19	31	29	14	
12	1/2"	3/4"-16	3/8-19	31	32	19	
14-16	5/8"	7/8"-14	3/8-19	33	37	22	
12	1/2"	3/4"-16	1/2-14	38	34	22	
14-16	5/8"	7/8"-14	1/2-14	38	37	22	
18-20	3/4"	1.1/16"-12	1/2-14	41	42	27	
14-16	5/8"	7/8"-14	3/4-11	41	40	27	
18-20	3/4"	1.1/16"-12	3/4-11	41	42	27	
25	1"	1.5/16"-12	3/4-11	45	46	33	
18-20	3/4"	1.1/16"-12	1-11	50	45	33	
25	1"	1.5/16"-12	1-11	50	46	33	
30-32	1.1/4"	1.5/8"-12	1-11	60	52	41	
30-32	1.1/4"	1.5/8"-12	1.1/4-11	61	52	41	
38	1.1/2"	1.7/8"-12	1.1/4-11	66	59	48	
38	1.1/2"	1.7/8"-12	1.1/2-11	67	59	48	

6552 Curva 45° M/M Jic/Gas Conico

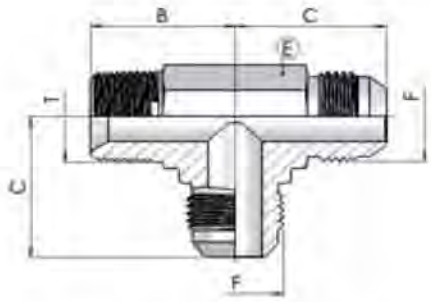
Male 45° Elbow Jic/BSPT



Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions					
mm	inch	F	T	L	C	E	
6	1/4"	7/16-20	1/8-28	17	19	12	
8	5/16"	1/2-20	1/8-28	17	20	14	
6	1/4"	7/16-20	1/4-19	22	21	14	
8	5/16"	1/2-20	1/4-19	22	21	14	
10	3/8"	9/16-18	1/4-19	22	21	14	
12	1/2"	3/4-16	1/4-19	24	25	19	
10	3/8"	9/16-18	3/8-19	24	22	14	
12	1/2"	3/4-16	3/8-19	24	25	19	
14-16	5/8"	7/8-14	3/8-19	25	28	22	
12	1/2"	3/4-16	1/2-14	30	25	22	
14-16	5/8"	7/8-14	1/2-14	30	28	22	
18-20	3/4"	1.1/16-12	1/2-14	31	33	27	
14-16	5/8"	7/8-14	3/4-11	31	30	27	
18-20	3/4"	1.1/16-12	3/4-11	31	33	27	
25	1"	1.5/16-12	3/4-11	33	37	33	
18-20	3/4"	1.1/16-12	1-11	38	36	33	
25	1"	1.5/16-12	1-11	38	37	33	
30-32	1.1/4"	1.5/8-12	1-11	42	41	41	
30-32	1.1/4"	1.5/8-12	1.1/4-11	43	41	41	
38	1.1/2"	1.7/8-12	1.1/4-11	44	45	48	
38	1.1/2"	1.7/8-12	1.1/2-11	45	45	48	

7552 T JIC con maschio BSPT laterale

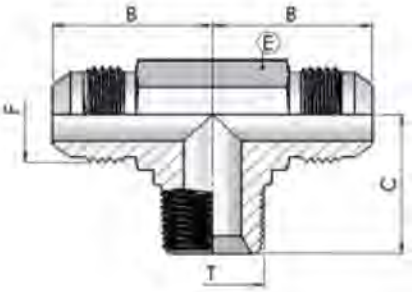


Run Tee Jic/BSPT

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions					
mm	inch	F	T	B	C	E	
6	1/4"	7/16-20	1/8	23	20	12	
8	5/16"	1/2-20	1/8	24	20	14	
6	1/4"	7/16-20	1/4	27	28	14	
8	5/16"	1/2-20	1/4	27	28	14	
10	3/8"	9/16-18	1/4	27	28	14	
12	1/2"	3/4-16	1/4	32	31	19	
10	3/8"	9/16-18	3/8	29	31	14	
12	1/2"	3/4-16	3/8	32	31	19	
14-16	5/8"	7/8-14	3/8	37	33	22	
12	1/2"	3/4-16	1/2	34	38	22	
14-16	5/8"	7/8-14	1/2	37	38	22	
18-20	3/4"	1.1/16-12	1/2	42	41	27	
14-16	5/8"	7/8-14	3/4	40	41	27	
18-20	3/4"	1.1/16-12	3/4	42	41	27	
25	1"	1.5/16-12	3/4	46	45	33	
18-20	3/4"	1.1/16-12	1	45	50	33	
25	1"	1.5/16-12	1	46	50	33	
30-32	1.1/4"	1.5/8-12	1	52	60	41	
30-32	1.1/4"	1.5/8-12	1.1/4	52	61	41	
38	1.1/2"	1.7/8-12	1.1/4	59	66	48	
38	1.1/2"	1.7/8-12	1.1/2	59	67	48	

8052 T JIC con maschio BSPT centrale

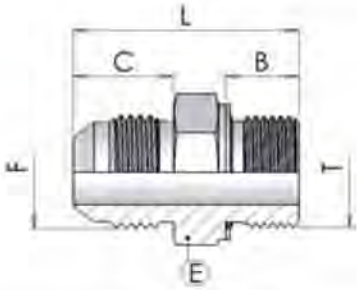


Branch Tee Jic/BSPT

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions					
mm	inch	F	T	B	C	E	
6	1/4"	7/16-20	1/8	23	20	12	
8	5/16"	1/2-20	1/8	24	20	14	
6	1/4"	7/16-20	1/4	27	28	14	
8	5/16"	1/2-20	1/4	27	28	14	
10	3/8"	9/16-18	1/4	27	28	14	
12	1/2"	3/4-16	1/4	32	31	19	
10	3/8"	9/16-18	3/8	29	31	14	
12	1/2"	3/4-16	3/8	32	31	19	
14-16	5/8"	7/8-14	3/8	37	33	22	
12	1/2"	3/4-16	1/2	34	38	22	
14-16	5/8"	7/8-14	1/2	37	38	22	
18-20	3/4"	1.1/16-12	1/2	42	41	27	
14-16	5/8"	7/8-14	3/4	40	41	27	
18-20	3/4"	1.1/16-12	3/4	42	41	27	
25	1"	1.5/16-12	3/4	46	45	33	
18-20	3/4"	1.1/16-12	1	45	50	33	
25	1"	1.5/16-12	1	46	50	33	
30-32	1.1/4"	1.5/8-12	1	52	60	41	
30-32	1.1/4"	1.5/8-12	1.1/4	52	61	41	
38	1.1/2"	1.7/8-12	1.1/4	59	66	48	
38	1.1/2"	1.7/8-12	1.1/2	59	67	48	

7717 Giunzione M/M Jic/Metrico DIN 3852-1

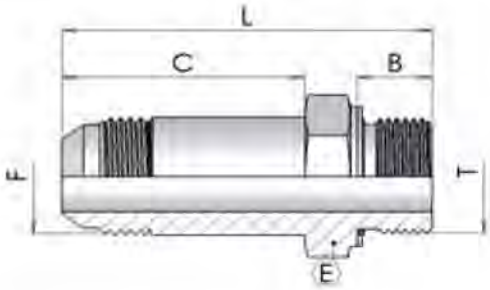


Male Connector Jic/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	7/16-20	M10x1	30	9	14	16	
8	5/16"	1/2-20	M10x1	30	9	14	16	
6	1/4"	7/16-20	M12x1,5	33	12	14	17	
8	5/16"	1/2-20	M12x1,5	33	12	14	17	
10	3/8"	9/16-18	M14x1,5	34	12	14	19	
10	3/8"	9/16-18	M16x1,5	35	13	14	22	
12	1/2"	3/4-16	M16x1,5	38	13	17	22	
12	1/2"	3/4-16	M18x1,5	40	14	17	24	
14-16	5/8"	7/8-14	M18x1,5	42	14	20	24	
14-16	5/8"	7/8-14	M22x1,5	45	15	20	30	
18-20	3/4"	1.1/16-12	M22x1,5	48	15	22	30	
18-20	3/4"	1.1/16-12	M27x2	53	19	22	36	
25	1"	1.5/16-12	M27x2	54	19	23	36	
25	1"	1.5/16-12	M33x2	54	19	23	41	
30	1.1/4"	1.5/8-12	M42x2	58	20	25	50	
38	1.1/2"	1.7/8-12	M48x2	65	22	28	60	

9553 Giunzione M/M Lunga Jic/Metrico DIN 3852-1

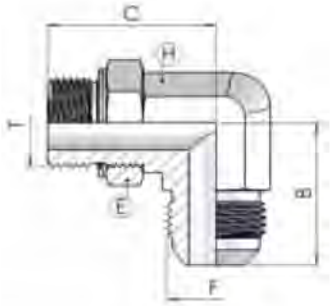


Long Male Connector Jic/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	L	B	C	E	
6	1/4"	7/16-20	M10x1	52	9	36	16	
8	5/16"	1/2-20	M10x1	53	9	37	16	
6	1/4"	7/16-20	M12x1,5	54	12	36	17	
8	5/16"	1/2-20	M12x1,5	56	12	37	17	
10	3/8"	9/16-18	M14x1,5	59	12	40	19	
10	3/8"	9/16-18	M16x1,5	60	13	40	22	
12	1/2"	3/4-16	M16x1,5	69	13	48	22	
12	1/2"	3/4-16	M18x1,5	71	14	48	24	
14-16	5/8"	7/8-14	M18x1,5	76	14	53	24	
14-16	5/8"	7/8-14	M22x1,5	78	15	53	30	
18-20	3/4"	1.1/16-12	M22x1,5	90	15	64	30	
18-20	3/4"	1.1/16-12	M27x2	94	19	64	36	
25	1"	1.5/16-12	M27x2	103	19	72	36	
25	1"	1.5/16-12	M33x2	103	19	72	41	
30	1.1/4"	1.5/8-12	M42x2	122	20	88	50	
38	1.1/2"	1.7/8-12	M48x2	136	22	99	60	

0054 Curva Orientabile JIC/Metrico DIN 3852-1

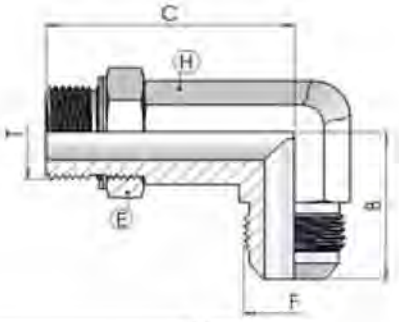


Adjustable Elbow JIC/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	7/16-20	M10x1	23	27	12	14	
8	5/16"	1/2-20	M10x1	24	27	14	14	
6	1/4"	7/16-20	M12x1,5	27	32	14	17	
8	5/16"	1/2-20	M12x1,5	27	32	14	17	
10	3/8"	9/16-18	M14x1,5	27	32	14	19	
10	3/8"	9/16-18	M16x1,5	29	38	19	22	
12	1/2"	3/4-16	M16x1,5	32	38	19	22	
12	1/2"	3/4-16	M18x1,5	32	40	19	24	
14-16	5/8"	7/8-14	M18x1,5	37	41	22	24	
14-16	5/8"	7/8-14	M22x1,5	37	43	22	27	
18-20	3/4"	1.1/16-12	M22x1,5	42	45	27	27	
18-20	3/4"	1.1/16-12	M27x2	42	52	27	36	
25	1"	1.5/16-12	M27x2	46	52	33	36	
25	1"	1.5/16-12	M33x2	46	53	33	41	
30	1.1/4"	1.5/8-12	M42x2	52	58	41	50	
38	1.1/2"	1.7/8-12	M48x2	59	67	48	60	

0554 Curva Orientabile Lunga JIC/Metrico DIN 3852-1



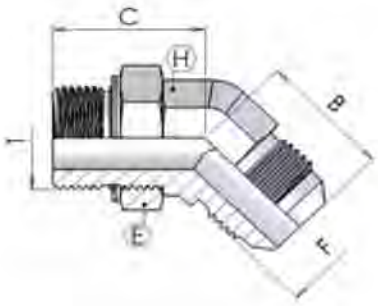
Long Adjustable Elbow JIC/Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	7/16-20	M10x1	23	46	12	14	
8	5/16"	1/2-20	M10x1	24	50	14	14	
6	1/4"	7/16-20	M12x1,5	27	54	14	17	
8	5/16"	1/2-20	M12x1,5	27	54	14	17	
10	3/8"	9/16-18	M14x1,5	27	57	14	19	
10	3/8"	9/16-18	M16x1,5	29	67	19	22	
12	1/2"	3/4-16	M16x1,5	32	67	19	22	
12	1/2"	3/4-16	M18x1,5	32	67	19	24	
14-16	5/8"	7/8-14	M18x1,5	37	75	22	24	
14-16	5/8"	7/8-14	M22x1,5	37	78	22	27	
18-20	3/4"	1.1/16-12	M22x1,5	42	88	27	27	
18-20	3/4"	1.1/16-12	M27x2	42	95	27	36	
25	1"	1.5/16-12	M27x2	46	105	33	36	
25	1"	1.5/16-12	M33x2	46	105	33	41	
30	1.1/4"	1.5/8-12	M42x2	52	124	41	50	
38	1.1/2"	1.7/8-12	M48x2	59	141	48	60	

1054 Curva a 45° Orientabile JIC/Metrico DIN 3852-1

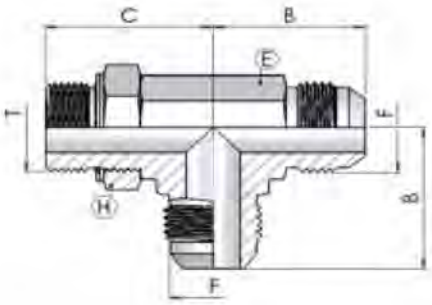
Adjustable 45° Elbow JIC/Metric DIN 3852-1



Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	7/16-20	M10x1	19	27	12	14	
8	5/16"	1/2-20	M10x1	20	27	14	14	
6	1/4"	7/16-20	M12x1,5	21	29	14	17	
8	5/16"	1/2-20	M12x1,5	21	29	14	19	
10	3/8"	9/16-18	M14x1,5	21	29	14	17	
10	3/8"	9/16-18	M16x1,5	22	33	19	22	
12	1/2"	3/4-16	M16x1,5	25	33	19	22	
12	1/2"	3/4-16	M18x1,5	25	33	19	24	
14-16	5/8"	7/8-14	M18x1,5	28	35	22	24	
14-16	5/8"	7/8-14	M22x1,5	28	38	22	27	
18-20	3/4"	1.1/16-12	M22x1,5	33	41	27	27	
18-20	3/4"	1.1/16-12	M27x2	33	44	27	36	
25	1"	1.5/16-12	M27x2	37	46	33	36	
25	1"	1.5/16-12	M33x2	37	47	33	41	
30	1.1/4"	1.5/8-12	M42x2	41	49	41	50	
38	1.1/2"	1.7/8-12	M48x2	45	53	48	60	

2054 T JIC con maschio Metrico DIN 3852-1 laterale orientabile

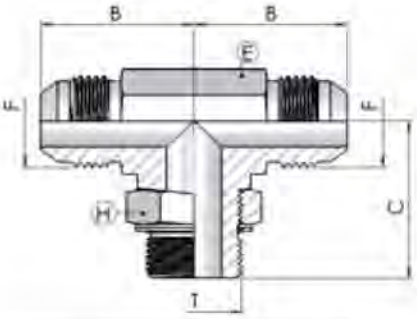


Adjustable Run Tee Metric DIN 3852-1/JIC

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	7/16-20	M10x1	23	27	12	14	
8	5/16"	1/2-20	M10x1	24	27	14	14	
6	1/4"	7/16-20	M12x1,5	27	32	14	17	
8	5/16"	1/2-20	M12x1,5	27	32	14	19	
10	3/8"	9/16-18	M14x1,5	27	32	14	17	
10	3/8"	9/16-18	M16x1,5	29	38	19	22	
12	1/2"	3/4-16	M16x1,5	32	38	19	22	
12	1/2"	3/4-16	M18x1,5	32	40	19	24	
14-16	5/8"	7/8-14	M18x1,5	37	41	22	24	
14-16	5/8"	7/8-14	M22x1,5	37	43	22	27	
18-20	3/4"	1.1/16-12	M22x1,5	42	45	27	27	
18-20	3/4"	1.1/16-12	M27x2	42	52	27	36	
25	1"	1.5/16-12	M27x2	46	52	33	36	
25	1"	1.5/16-12	M33x2	46	53	33	41	
30	1.1/4"	1.5/8-12	M42x2	52	58	41	50	
38	1.1/2"	1.7/8-12	M48x2	59	67	48	60	

2554 T JIC con maschio Metrico DIN 3852-1 centrale orientabile

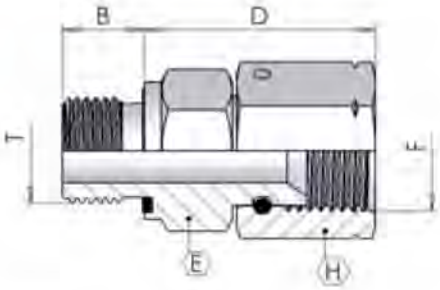


Adjustable Branch Tee Metric DIN 3852-1/JIC

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	7/16-20	M10x1	23	27	12	14	
8	5/16"	1/2-20	M10x1	24	27	14	14	
6	1/4"	7/16-20	M12x1,5	27	32	14	17	
8	5/16"	1/2-20	M12x1,5	27	32	14	19	
10	3/8"	9/16-18	M14x1,5	27	32	14	17	
10	3/8"	9/16-18	M16x1,5	29	38	19	22	
12	1/2"	3/4-16	M16x1,5	32	38	19	22	
12	1/2"	3/4-16	M18x1,5	32	40	19	24	
14-16	5/8"	7/8-14	M18x1,5	37	41	22	24	
14-16	5/8"	7/8-14	M22x1,5	37	43	22	27	
18-20	3/4"	1.1/16-12	M22x1,5	42	45	27	27	
18-20	3/4"	1.1/16-12	M27x2	42	52	27	36	
25	1"	1.5/16-12	M27x2	46	52	33	36	
25	1"	1.5/16-12	M33x2	46	53	33	41	
30	1.1/4"	1.5/8-12	M42x2	52	58	41	50	
38	1.1/2"	1.7/8-12	M48x2	59	67	48	60	

3750 Nipplo femmina girevole JIC / maschio Metrico con guarnizione ED

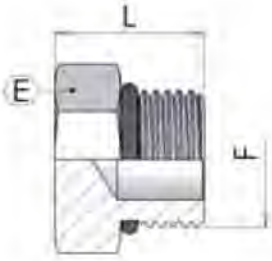


Connector swivel JIC female X Metric male with "ED" seal

Filettatura / Thread:
BSPP (Form E DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	B	D	H	E	
6	1/4"	7/16"-20	M10x1	8	24,5	14	14	
8	5/16"	1/2"-20	M10x1	8	26,0	17	14	
6	1/4"	7/16"-20	M12x1,5	8	24,5	14	17	
8	5/16"	1/2"-20	M12x1,5	8	26,0	17	17	
8	5/16"	1/2"-20	M14x1,5	12	26,0	17	19	
10	3/8"	9/16"-18	M14x1,5	12	26,8	19	19	
10	3/8"	9/16"-18	M16x1,5	12	27,3	19	22	
12	1/2"	3/4"-16	M16x1,5	12	29,6	22	22	
12	1/2"	3/4"-16	M18x1,5	12	30,6	22	24	
16	5/8"	7/8"-14	M18x1,5	12	34,6	27	24	
16	5/8"	7/8"-14	M20x1,5	14	35,6	27	27	
16	5/8"	7/8"-14	M22x1,5	14	36,1	27	29	
20	3/4"	1.1/16"-12	M22x1,5	14	36,2	32	27	
20	3/4"	1.1/16"-12	M27x2	16	36,7	32	32	
25	1"	1.5/16"-12	M27x2	16	40,4	41	32	
25	1"	1.5/16"-12	M33x2	18	41,4	41	41	
32	1.1/4"	1.5/8"-12	M42x2	20	43,8	50	50	
38	1.1/2"	1.7/8"-12	M48x2	22	51,3	60	55	

4050 Tappo maschio SAE



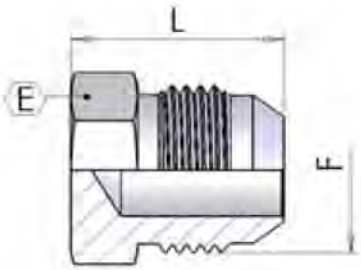
UNF male plug

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions			
mm	inch	F	L	E	
		7/16" - 20	17	14	
		1/2" - 20	17	14	
		9/16" - 18	19	17	
		3/4" - 16	21	22	
		7/8" - 14	24	27	
		1.1/16" - 12	27	32	
		1.5/16" - 12	28	38	

05J6 Tappo maschio

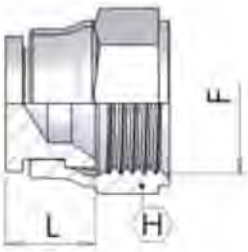
Male plug



Ø tube		Dimensions			
mm	inch	F	L	E	
		7/16" - 20	22	12	
		1/2" - 20	20	14	
		9/16" - 18	22	15	
		3/4" - 16	25	19	
		7/8" - 14	27	24	
		1.1/16" - 12	32	27	
		1.3/16" - 12	33	32	
		1.5/16" - 12	33	34	
		1.5/8" - 12	36	46	
		1.7/8" - 12	43	50	

08J6 Tappo femmina girevole

Female Plug Swivel

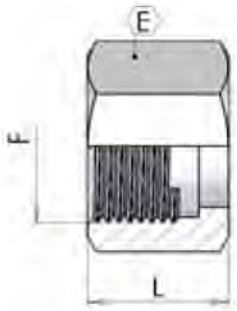


Ø tube		Dimensions			
mm	inch	F	L	H	
		7/16" - 20	10	14	
		1/2" - 20	10	17	
		9/16" - 18	12	19	
		5/8" - 18	12	22	
		3/4" - 16	13	24	
		7/8" - 14	14	27	
		1.1/16" - 12	16	32	
		1.3/16" - 12	15	36	
		1.5/16" - 12	17	41	
		1.5/8" - 12	20	50	
		1.7/8" - 12	23	55	

* SAE 45°

1060 Dado ORFS

ORFS nut



Ø tube		Dimensions			
mm	inch	F	L	E	
6	1/4"	9/16 - 18	15,0	19	
8-10	5/16"-3/8"	11/16 - 16	17,0	22	
12	1/2"	13/16 - 16	20,0	24	
14-16	5/8"	1 - 14	24,0	30	
18-20	3/4"	1.3/16 - 12	26,5	36	
25	1"	1.7/16 - 12	27,5	41	
30-32	1.1/4"	1.11/16 - 12	27,5	50	
38	1.1/2"	2 - 12	27,5	60	

1560 Bussola metrica

Metric sleeve

Ø tube	Dimensions			
mm	L	D		
06	7,5	06		
08	8,5	08		
10	8,4	10		
12	10,7	12		
14	10,5	14		
15	10,6	15		
16	10,6	16		
18	14	18		
20	12,1	20		
22	13,5	22		
25	13,5	25		
28	15,5	28		
30	13	30		
32	13	32		
35	15,5	35		
38	12,5	38		

2060 Bussola a saldare

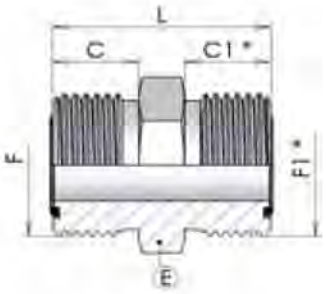
Shoulder

trattamento superficiale: non zincato
surface treatment: *without zinc plating*

Ø tube	Dimensions			
mm	L	D		
06	9,5	06		
08	9,5	08		
10	9,5	10		
12	9,5	12		
14	10,5	14		
15	10,5	15		
16	10,5	16		
18	14	18		
20	14	20		
22	15,5	22		
25	15,5	25		
28	15,5	28		
30	15,5	30		
32	15,5	32		
35	15,5	35		
38	15,5	38		

0060 Nipplo maschio

Male connector



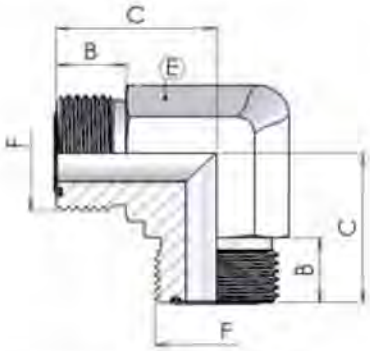
* - F1 e C1 sono indicate solo per le riduzioni

** - F1 and C1 are for jump size only*

Ø tube		Dimensions						
mm	inch	F	F1	L	C	C1	E	
6	1/4"	9/16 - 18	-	27	10	-	17	
8-10	5/16"-3/8"	11/16 - 16	-	31	11	-	19	
12	1/2"	13/16 - 16	-	35	13	-	22	
8-10-12	5/16 to 1/2	13/16 - 16	11/16 - 16	34	13	11	22	
14-16	5/8"	1 - 14	-	43	16	-	27	
12-14-16	5/8"-1/2"	1 - 14	13/16 - 16	40	16	13	27	
18-20	3/4"	1.3/16 - 12	-	47	17	-	32	
14-16-18-20	5/8"-3/4"	1.3/16 - 12	1 - 14	46	17	16	32	
25	1"	1.7/16 - 12	-	49	18	-	38	
18-20-25	3/4"-1"	1.7/16 - 12	1.3/16 - 12	49	18	17	38	
30-32	1.1/4"	1.11/16 - 12	-	51	18	-	46	
38	1.1/2"	2 - 12	-	53	18	-	55	

0063 Gomito a 90°

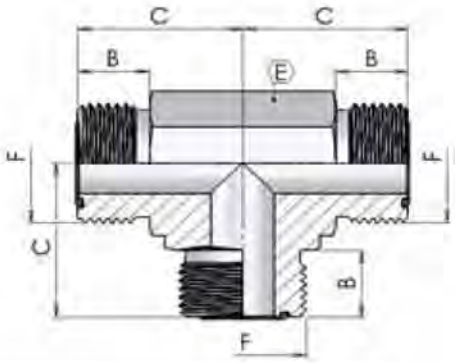
90° Elbow Union



Ø tube		Dimensions				
mm	inch	F	C	B	E	
6	1/4"	9/16 - 18	22	9	14	
8-10	5/16"-3/8"	11/16 - 16	25	10	19	
12	1/2"	13/16 - 16	28	12	19	
14-16	5/8"	1 - 14	33	14	27	
18-20	3/4"	1.3/16 - 12	37	15	30	
25	1"	1.7/16 - 12	38	18	32	
30-32	1.1/4"	1.11/16 - 12	45	18	41	
38	1.1/2"	2 - 12	49	18	48	

5063 Unione a T

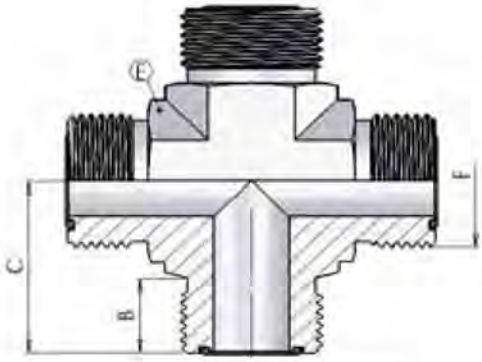
Union Tee



Ø tube		Dimensions				
mm	inch	F	C	B	E	
6	1/4"	9/16 - 18	22	10	14	
8-10	5/16"-3/8"	11/16 - 16	25	11	19	
12	1/2"	13/16 - 16	28	13	19	
14-16	5/8"	1 - 14	34	16	27	
18-20	3/4"	1.3/16 - 12	38	17	33	
25	1"	1.7/16 - 12	42	18	41	
30-32	1.1/4"	1.11/16 - 12	45	18	41	
38	1.1/2"	2 - 12	49	18	48	

5065 Unione a croce

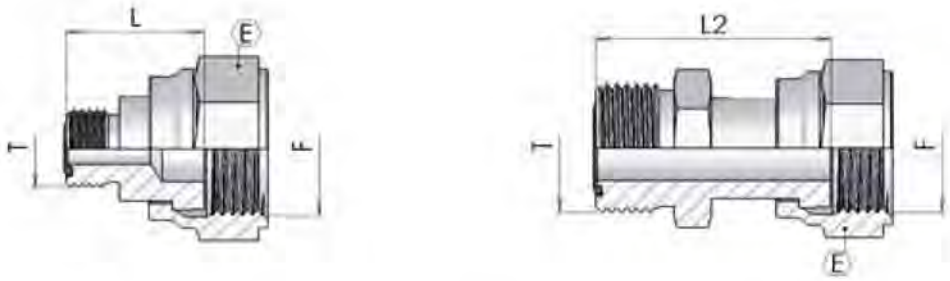
Cross Union



Ø tube		Dimensions				
mm	inch	F	C	B	E	
6	1/4"	9/16 - 18	22	10	14	
8-10	5/16"-3/8"	11/16 - 16	25	11	19	
12	1/2"	13/16 - 16	28	13	19	
14-16	5/8"	1 - 14	33	16	27	
18-20	3/4"	1.3/16 - 12	37	17	30	
25	1"	1.7/16 - 12	42	18	37	
30-32	1.1/4"	1.11/16 - 12	45	18	41	
38	1.1/2"	2 - 12	49	18	48	

5660 Riduzione maschio - femmina ORFS

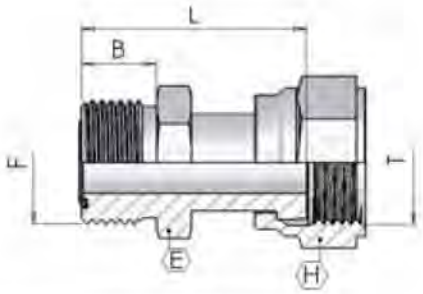
Reducing male - female ORFS



Ø tube		Dimensions					
mm	inch	F	T	L	L2	E	
10-06	3/8"-1/4"	11/16""-16	9/16""-18	-	20	22	
12-06	1/2"-1/4"	13/16""-16	9/16""-18	22	-	24	
12-10	1/2"-3/8"	13/16""-16	11/16""-16	-	23	24	
16-06	5/8"-1/4"	1"-14	9/16""-18	23	-	30	
16-08	5/8"-5/16"	1"-14	11/16""-16	24	-	30	
16-12	5/8"-1/2"	1"-14	13/16""-16	26	-	30	
20-06	3/4"-1/4"	1.3/16""-12	9/16""-18	25	-	36	
20-08	3/4"-5/16"	1.3/16""-12	11/16""-16	26	-	36	
20-12	3/4"-1/2"	1.3/16""-12	13/16""-12	28	-	36	
20-16	3/4"-5/8"	1.3/16""-12	1"-14	-	30	36	
25-12	1"-1/2"	1.7/16""-12	13/16""-12	29	-	41	
25-16	1"-5/8"	1.7/16""-12	1"-14	32	-	41	
25-20	1"-3/4"	1.7/16""-12	1.3/16""-12	-	33	41	
32-20	1"1/4"-3/4"	1.11/16""-12	1.3/16""-12	34	-	50	
32-25	1-1"1/4"	1.11/16""-12	1.7/16""-12	-	39	50	
38-25	1"1/2"-1"	2"-12	1.7/16""-12	34	-	60	
38-32	"1/2"-1"1/4	2"-12	1.11/16""-12	34	-	60	

5560 Nipplo M/F ORFS

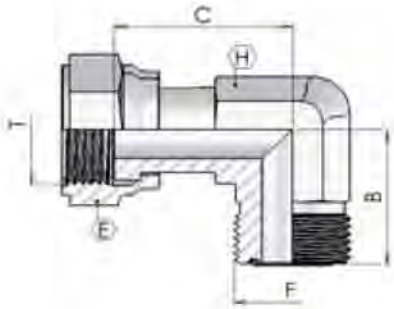
Swivel Union M/F ORFS



Ø tube		Dimensions					
mm	inch	F	T	B	L	E	
6	1/4"	9/16"-18	9/16"-18	10	27	17	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	11	33	19	
12	1/2"	13/16"-16	13/16"-16	13	36	22	
14-16	5/8"	1"-14	1"-14	16	43	27	
18-20	3/4"	1.3/16"-12	1.3/16"-12	17	43	32	
25	1"	1.7/16"-12	1.7/16"-12	18	47	38	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	18	48	46	
38	1.1/2"	2"-12	2"-12	18	49	55	

0562 Gomito 90° Girevole M/F ORFS

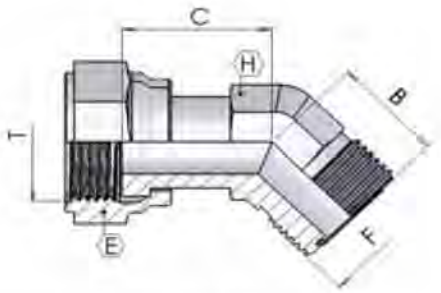
Swivel Nut Elbow M/F ORFS



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	9/16"-18	22	27	14	19	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	25	29	19	22	
12	1/2"	13/16"-16	13/16"-16	28	38	19	24	
14-16	5/8"	1"-14	1"-14	34	41	27	30	
18-20	3/4"	1.3/16"-12	1.3/16"-12	38	47	30	36	
25	1"	1.7/16"-12	1.7/16"-12	42	54	37	41	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	45	58	41	50	
38	1.1/2"	2"-12	2"-12	49	61	48	60	

5562 Gomito 45° Girevole M/F ORFS

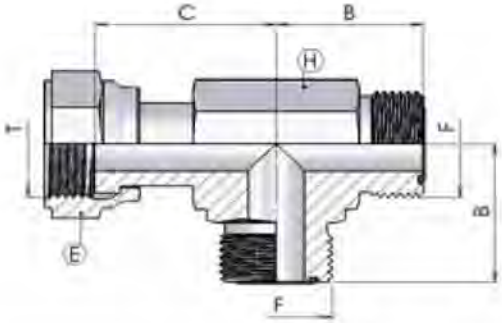
Swivel 45° Nut Elbow M/F ORFS



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	9/16"-18	16	22	14	19	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	19	27	19	22	
12	1/2"	13/16"-16	13/16"-16	21	31	19	24	
14-16	5/8"	1"-14	1"-14	24	37	27	30	
18-20	3/4"	1.3/16"-12	1.3/16"-12	26	42	30	36	
25	1"	1.7/16"-12	1.7/16"-12	30	47	37	41	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	32	47	41	50	
38	1.1/2"	2"-12	2"-12	37	49	48	60	

2066 T con femmina girevole laterale

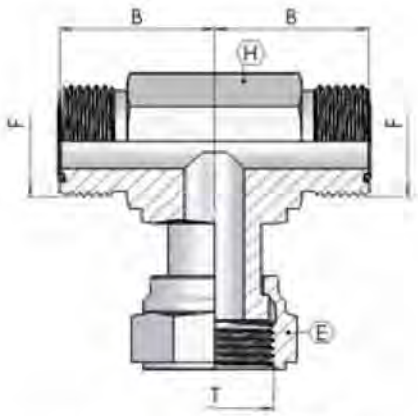
Female run tee



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	9/16"-18	22	27	14	19	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	25	29	19	22	
12	1/2"	13/16"-16	13/16"-16	28	38	19	24	
14-16	5/8"	1"-14	1"-14	34	41	27	30	
18-20	3/4"	1.3/16"-12	1.3/16"-12	38	47	30	36	
25	1"	1.7/16"-12	1.7/16"-12	42	54	37	41	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	45	58	41	50	
38	1.1/2"	2"-12	2"-12	49	61	48	60	

3066 T con femmina girevole centrale

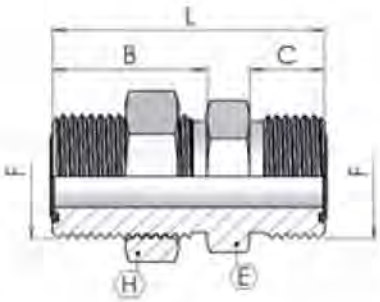
Female branch tee



Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	9/16"-18	22	27	14	19	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	25	29	19	22	
12	1/2"	13/16"-16	13/16"-16	28	38	19	24	
14-16	5/8"	1"-14	1"-14	34	41	27	30	
18-20	3/4"	1.3/16"-12	1.3/16"-12	38	47	30	36	
25	1"	1.7/16"-12	1.7/16"-12	42	54	37	41	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	45	58	41	50	
38	1.1/2"	2"-12	2"-12	49	61	48	60	

5060 Passaparete

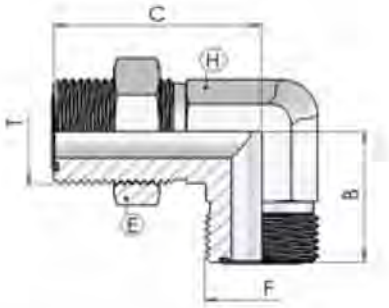
Bulkhead



Dimensions						
F	C	L	B	E	H	
9/16 - 18	10	48	32	17	22	
11/16 - 16	11	53	34	19	27	
13/16 - 16	13	58	37	22	30	
1 - 14	16	67	41	27	36	
1.3/16 - 12	17	69	42	32	41	
1.7/16 - 12	18	70	42	38	46	
1.11/16 - 12	18	70	42	46	50	
2 - 12	18	70	42	55	60	

1065 Passaparete a 90°

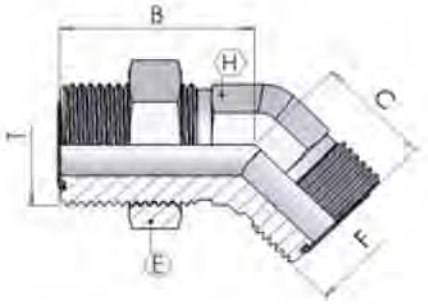
Bulkhead 90° Elbow Union



Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	
6	1/4"	9/16"-18	9/16"-18	23	47	22	14	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	26	52	27	19	
12	1/2"	13/16"-16	13/16"-16	29	56	30	19	
14-16	5/8"	1"-14	1"-14	35	63	36	27	
18-20	3/4"	1.3/16"-12	1.3/16"-12	39	67	41	30	
25	1"	1.7/16"-12	1.7/16"-12	43	71	46	37	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	46	76	50	41	
38	1.1/2"	2"-12	2"-12	50	80	60	48	

2065 Passaparete a 45°

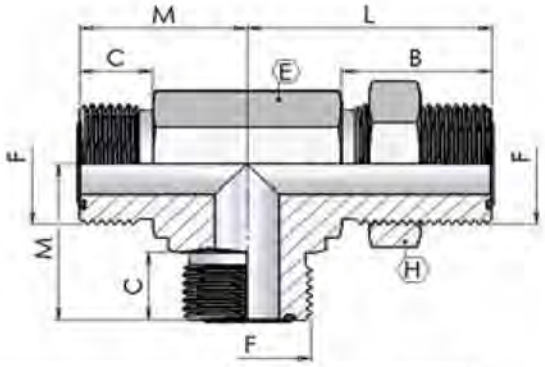
Bulkhead 45° Elbow Union



Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	
6	1/4"	9/16"-18	9/16"-18	47	23	22	14	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	52	26	27	19	
12	1/2"	13/16"-16	13/16"-16	56	29	30	19	
14-16	5/8"	1"-14	1"-14	63	35	36	27	
18-20	3/4"	1.3/16"-12	1.3/16"-12	67	39	41	30	
25	1"	1.7/16"-12	1.7/16"-12	71	43	46	37	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	76	46	50	41	
38	1.1/2"	2"-12	2"-12	80	50	60	48	

0065 T con passaparete laterale

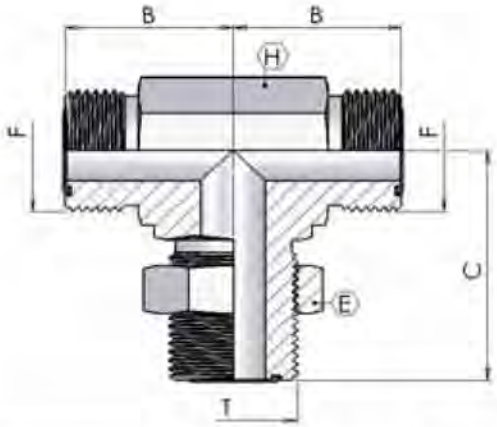
Bulkhead male run tee



Ø tube		Dimensions							
mm	inch	F	C	L	B	M	H	E	
6	1/4"	9/16 - 18	10	47	32	22	22	14	
8-10	5/16"-3/8"	11/16 - 16	11	52	34	25	27	19	
12	1/2"	13/16 - 16	13	55	37	28	30	19	
14-16	5/8"	1 - 14	16	63	41	33	36	27	
18-20	3/4"	1.3/16 - 12	17	67	42	37	41	30	
25	1"	1.7/16 - 12	18	71	42	42	46	37	
30-32	1.1/4"	1.11/16 - 12	18	75	42	45	50	41	
38	1.1/2"	2 - 12	18	80	42	49	60	48	

9064 T con passaparete centrale

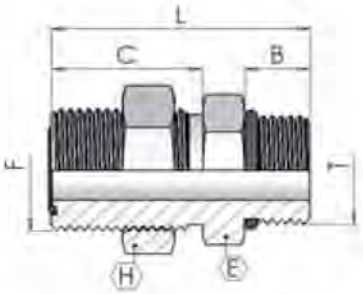
Bulkhead male Branch tee



Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	
6	1/4"	9/16"-18	9/16"-18	23	47	22	14	
8-10	5/16"-3/8"	11/16"-16	11/16"-16	26	52	27	19	
12	1/2"	13/16"-16	13/16"-16	29	56	30	19	
14-16	5/8"	1"-14	1"-14	35	63	36	27	
18-20	3/4"	1.3/16"-12	1.3/16"-12	39	67	41	30	
25	1"	1.7/16"-12	1.7/16"-12	43	71	46	37	
30-32	1.1/4"	1.11/16"-12	1.11/16"-12	46	76	50	41	
38	1.1/2"	2"-12	2"-12	50	80	60	48	

5061 Passaparete UNF

Straight bulkhead UNF male X ORFS male

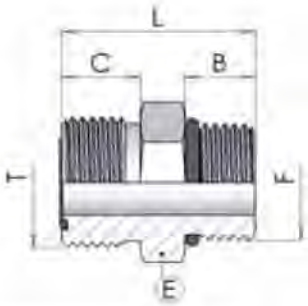


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions							
mm	inch	T	F	C	L	B	E	H	
6	1/4"	7/16 - 20	9/16 - 18	32	49	11	17	22	
8-10	5/16"-3/8"	9/16 - 18	11/16 - 16	34	54	12	19	27	
12	1/2"	3/4 - 16	13/16 - 16	37	60	14	22	30	
14-16	5/8"	7/8 - 14	1 - 14	41	67	16	27	36	
18-20	3/4"	1.1/16 - 12	1.3/16 - 12	42	71	19	32	41	
25	1"	1.5/16 - 12	1.7/16 - 12	42	71	19	38	46	
30-32	1.1/4"	1.5/8 - 12	1.11/16 - 12	42	71	19	46	50	
38	1.1/2"	1.7/8 - 12	2 - 12	42	71	19	55	60	

0061 Nipplo maschio ORFS/UNF

UNF male X ORFS male connector

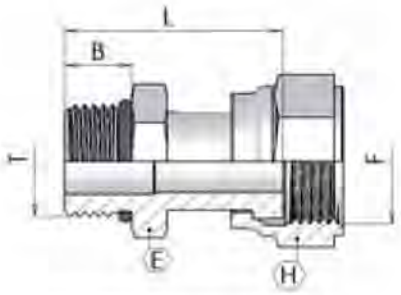


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	C	L	B	E	
6	1/4"	7/16 - 20	9/16 - 18	10	29	11	17	
8-10	5/16"-3/8"	9/16 - 18	9/16 - 18	10	31	12	19	
8-10	5/16"-3/8"	9/16 - 18	11/16 - 16	11	32	12	19	
12	1/2"	3/4 - 16	13/16 - 16	13	37	14	22	
8-10	5/16"-3/8"	7/8 - 14	11/16 - 16	11	39	16	27	
14-16	5/8"	7/8 - 14	1 - 14	16	43	16	27	
18-20	3/4"	7/8 - 14	1.3/16 - 12	17	51	13	32	
18-20	3/4"	1.1/16 - 12	1.3/16 - 12	17	49	19	32	
25	1"	1.1/16 - 12	1.7/16 - 12	18	54	19	38	
18-20	3/4"	1.5/16 - 12	1.3/16 - 12	17	50	19	38	
25	1"	1.5/16 - 12	1.7/16 - 12	18	50	19	38	
25	1"	1.5/8 - 12	1.7/16 - 12	18	52	19	46	
30-32	1.1/4"	1.5/8 - 12	1.11/16 - 12	18	52	19	46	
38	1.1/2"	1.7/8 - 12	2 - 12	18	54	19	55	

2061 Femmina girevole ORFS/UNF

Swivel Nut Female ORFS/UNF

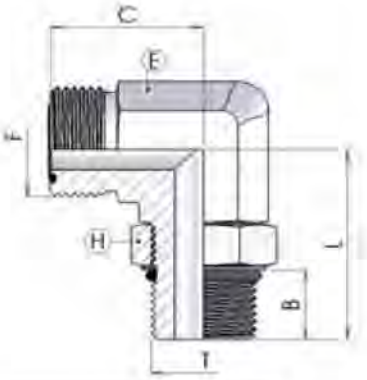


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	L	E	H	
6	1/4"	9/16"-18	7/16-20	11	38	16	19	
8-10	5/16"-3/8"	11/16"-16	7/16-20	11	-	19	22	
8-10	5/16"-3/8"	11/16"-16	9/16-18	12	41	19	22	
8-10	5/16"-3/8"	11/16"-16	3/4-16	14	-	22	22	
12	1/2"	13/16"-16	3/4-16	14	50	22	24	
14-16	5/8"	1"-14	3/4-16	14	-	27	30	
12	1/2"	13/16"-16	7/8-14	16	-	27	24	
14-16	5/8"	1"-14	7/8-14	16	54	27	30	
18-20	3/4"	1.3/16"-12	7/8-14	16	-	32	36	
14-16	5/8"	1"-14	1.1/16-12	19	-	32	30	
18-20	3/4"	1.3/16"-12	1.1/16-12	19	60	32	36	
18-20	3/4"	1.3/16"-12	1.5/16-12	19	-	38	36	
25	1"	1.7/16"-12	1.5/16-12	19	68	38	41	
30-32	1.1/4"	1.11/16"-12	1.5/8-12	19	68	50	50	
38	1.1/2"	2"-12	1.7/8-12	19	68	55	60	

0062 Gomito 90° orientabile ORFS/UNF

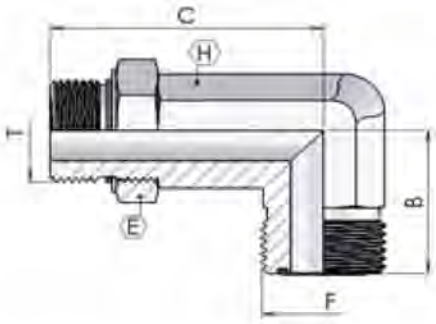
90° elbow "adjustable" connector ORFS male X
UNF male



Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	T	F	C	L	B	H	E
6	1/4"	7/16 - 20	9/16 - 18	22	33	11	17	14
6	1/4"	9/16 - 18	9/16 - 18	23	37	12	17	19
8-10	5/16"-3/8"	9/16 - 18	11/16 - 16	25	37	12	19	19
12	1/2"	3/4 - 16	13/16 - 16	28	41	14	22	19
14-16	5/8"	7/8 - 14	1 - 14	33	50	16	27	27
18-20	3/4"	1.1/16 - 12	1.3/16 - 12	37	55	19	32	30
25	1"	1.5/16 - 12	1.7/16 - 12	42	60	19	38	37
30-32	1.1/4"	1.5/8 - 12	1.11/16 - 12	45	62	19	46	41
38	1.1/2"	1.7/8 - 12	2 - 12	49	66	19	55	48

5069 Gomito a 90° Orientabile Lungo ORFS/UNF



Long Adjustale Elbow ORFS/UNF

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions						
mm	inch	F	T	B	C	E	H	
6	1/4"	9/16"-18	7/16-20	22	57	16	14	
8-10	5/16"-3/8"	11/16"-16	7/16-20	25	-	16	19	
8-10	5/16"-3/8"	11/16"-16	9/16-18	25	67	19	19	
8-10	5/16"-3/8"	11/16"-16	3/4-16	27	75	24	19	
12	1/2"	13/16"-16	3/4-16	28	75	24	19	
14-16	5/8"	1"-14	3/4-16	34	-	24	27	
12	1/2"	13/16"-16	7/8-14	31	89	27	27	
14-16	5/8"	1"-14	7/8-14	34	89	27	27	
18-20	3/4"	1.3/16"-12	7/8-14	-	-	27	30	
14-16	5/8"	1"-14	1.1/16-12	36	101	36	30	
18-20	3/4"	1.3/16"-12	1.1/16-12	38	101	36	30	
18-20	3/4"	1.3/16"-12	1.5/16-12	41	115	41	37	
25	1"	1.7/16"-12	1.5/16-12	42	115	41	37	
30-32	1.1/4"	1.11/16"-12	1.5/8-12	45	127	50	41	
38	1.1/2"	2"-12	1.7/8-12	49	139	55	48	

5062 Gomito 45° orientabile ORFS/UNF

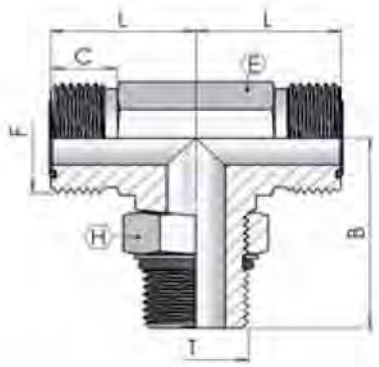
45° elbow "adjustable" connector ORFS male X
UNF male

Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions							
mm	inch	T	F	C	L	B	H	E	
6	1/4"	7/16 - 20	9/16 - 18	16	30	10	17	14	
8-10	5/16"-3/8"	9/16 - 18	11/16 - 16	19	33	12	19	19	
12	1/2"	3/4 - 16	13/16 - 16	20	36	13	22	19	
14-16	5/8"	7/8 - 14	1 - 14	23	45	14	27	27	
18-20	3/4"	1.1/16 - 12	1.3/16 - 12	26	50	17	32	30	
25	1"	1.5/16 - 12	1.7/16 - 12	30	52	17	38	37	
30-32	1.1/4"	1.5/8 - 12	1.11/16 - 12	32	54	17	46	41	
38	1.1/2"	1.7/8 - 12	2 - 12	37	54	17	55	48	

0064 T con maschio UNF centrale orientabile

Adjustable UNF male branch Tee

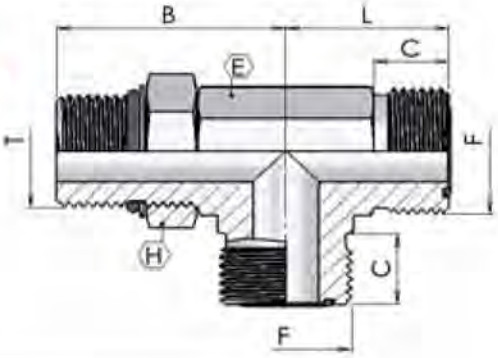


Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions							
mm	inch	T	F	C	L	B	H	E	
6	1/4"	7/16 - 20	9/16 - 18	10	22	33	17	14	
8-10	5/16"-3/8"	9/16 - 18	11/16 - 16	11	25	37	19	19	
12	1/2"	3/4 - 16	13/16 - 16	13	28	41	22	19	
14-16	5/8"	7/8 - 14	1 - 14	16	33	50	27	27	
18-20	3/4"	1.1/16 - 12	1.3/16 - 12	17	37	55	32	30	
25	1"	1.5/16 - 12	1.7/16 - 12	18	42	60	38	37	
30-32	1.1/4"	1.5/8 - 12	1.11/16 - 12	18	45	62	46	41	
38	1.1/2"	1.7/8 - 12	2 - 12	18	49	66	55	48	

5064 T con maschio UNF laterale orientabile

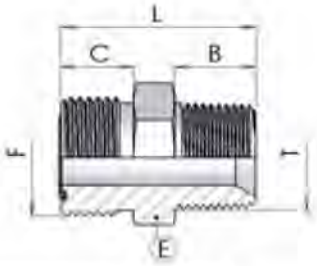
Adjustable UNF male run Tee



Filettatura / Thread:
UNF/UN (ISO 11926-1)

Ø tube		Dimensions							
mm	inch	T	F	C	L	B	H	E	
6	1/4"	7/16 - 20	9/16 - 18	10	22	33	17	14	
8-10	5/16"-3/8"	9/16 - 18	11/16 - 16	11	25	37	19	19	
12	1/2"	3/4 - 16	13/16 - 16	13	28	41	22	19	
14-16	5/8"	7/8 - 14	1 - 14	16	33	50	27	27	
18-20	3/4"	1.1/16 - 12	1.3/16 - 12	17	37	55	32	30	
25	1"	1.5/16 - 12	1.7/16 - 12	18	42	60	38	37	
30-32	1.1/4"	1.5/8 - 12	1.11/16 - 12	18	45	62	46	41	
38	1.1/2"	1.7/8 - 12	2 - 12	18	49	66	55	48	

2068 Giunzione M/M ORFS/BSPT

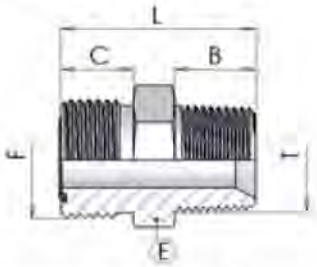


Male Connector ORFS/BSPT

Filettatura / Thread:
BSPT (Form C DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	1/8	10	10	27	16	
6	1/4"	9/16"-18	1/4	15	10	33	16	
8-10	5/16"-3/8"	11/16"-16	1/4	15	11	34	19	
12	1/2"	13/16"-16	1/4	15	13	36	22	
8-10	5/16"-3/8"	11/16"-16	3/8	15	11	34	19	
12	1/2"	13/16"-16	3/8	15	13	36	22	
14-16	5/8"	1"-14	3/8	15	16	40	27	
12	1/2"	13/16"-16	1/2	19	13	42	22	
14-16	5/8"	1"-14	1/2	19	16	45	27	
18-20	3/4"	1.3/16"-12	1/2	19	17	48	32	
14-16	5/8"	1"-14	3/4	19	16	47	27	
18-20	3/4"	1.3/16"-12	3/4	19	17	48	23	
25	1"	1.7/16"-12	3/4	19	18	49	38	
18-20	3/4"	1.3/16"-12	1	24	17	54	36	
25	1"	1.7/16"-12	1	24	18	54	38	
30-32	1.1/4"	1.11/16"-12	1	24	18	56	46	
30-32	1.1/4"	1.11/16"-12	1.1/4	25	18	56	46	
38	1.1/2"	2"-12	1.1/4	25	18	58	55	
38	1.1/2"	2"-12	1.1/2	25	18	59	55	

3068 Giunzione M/M ORFS/ NPTF

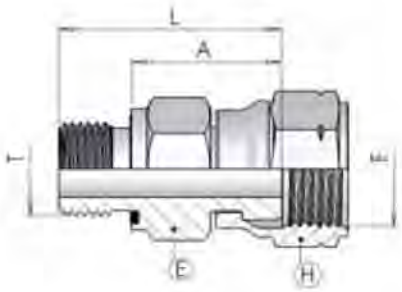


Male Connector ORFS/NPTF

Filettatura / Thread:
NPT (ANSI/ASME B1.20.1-1983)

Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	1/8	10	10	27	16	
6	1/4"	9/16"-18	1/4	15	10	33	16	
8-10	5/16"-3/8"	11/16"-16	1/4	15	11	34	19	
12	1/2"	13/16"-16	1/4	15	13	36	22	
8-10	5/16"-3/8"	11/16"-16	3/8	15	11	34	19	
12	1/2"	13/16"-16	3/8	15	13	36	22	
14-16	5/8"	1"-14	3/8	15	16	40	27	
12	1/2"	13/16"-16	1/2	19	13	42	22	
14-16	5/8"	1"-14	1/2	19	16	45	27	
18-20	3/4"	1.3/16"-12	1/2	19	17	48	32	
14-16	5/8"	1"-14	3/4	19	16	47	27	
18-20	3/4"	1.3/16"-12	3/4	19	17	48	23	
25	1"	1.7/16"-12	3/4	19	18	49	38	
18-20	3/4"	1.3/16"-12	1	24	17	54	36	
25	1"	1.7/16"-12	1	24	18	54	38	
30-32	1.1/4"	1.11/16"-12	1	24	18	56	46	
30-32	1.1/4"	1.11/16"-12	1.1/4	25	18	56	46	
38	1.1/2"	2"-12	1.1/4	25	18	58	55	
38	1.1/2"	2"-12	1.1/2	25	18	59	55	

3660 Femmina girevole ORFS / BSP con guarnizione ED (DIN 3852 form E)



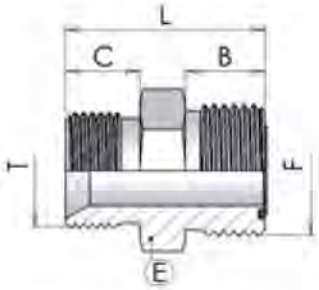
Swivel Nut Female ORFS/BSP with "ED" seal (DIN 3852 form E)

Filettatura / Thread:
BSPP (Form E DIN 3852)

Ø tube		Dimensions						
mm	inch	F	T	A	L	E	H	
6	1/4"	9/16"-18	1/8	26	34	17	14	
6	1/4"	9/16"-18	1/4	26	38	17	19	
8-10	5/16"-3/8"	11/16"-16	1/4	28	40	22	19	
12	1/2"	13/16"-16	1/4	35	47	24	22	
8-10	5/16"-3/8"	11/16"-16	3/8	28	40	22	22	
12	1/2"	13/16"-16	3/8	35	47	24	22	
8-10	5/16"-3/8"	11/16"-16	1/2	28	42	22	27	
12	1/2"	13/16"-16	1/2	35	49	24	27	
14-15-16	5/8"	1"-14	1/2	38	52	30	27	
18-20	3/4"	1.3/16"-12	1/2	41	55	36	30	
14-15-16	5/8"	1"-14	3/4	38	54	30	32	
18-20	3/4"	1.3/16"-12	3/4	41	57	36	32	
22-25	1"	1.7/16"-12	1	49	67	41	41	
28-30-32	1.1/4"	1.11/16"-12	1.1/4	49	69	50	50	
35-38	1.1/2"	2"-12	1.1/2	50	72	60	55	

1068 Giunzione M/M ORFS/BSP

Giunzione M/M ORFS/BSP

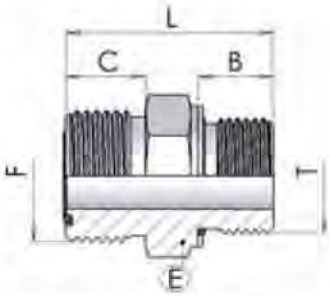


Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	1/8-28	10	8	26	16	
8-10	5/16"-3/8"	11/16"-16	1/4-19	11	11	31	19	
12	1/2"	13/16"-16	3/8-19	13	12	35	22	
16	5/8"	1"-14	1/2-14	16	14	41	27	
20	3/4"	1.3/16"-12	3/4-11	17	16	46	32	
25	1"	1.7/16"-12	1-11	18	19	51	38	
32	1.1/4"	1.11/16"-12	1.1/4-11	18	20	54	46	
38	1.1/2"	2"-12	1.1/2-11	18	22	58	55	

0068 Giunzione M/M ORFS/BSP O'Ring

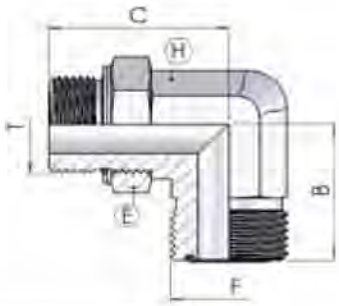
Male Connector ORFS/BSP O'Ring

Filettatura / Thread:
BSPP (ISO 1179-3)



Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	1/8-28	8	10	25	16	
6	1/4"	9/16"-18	1/4-19	12	10	31	19	
8-10	5/16"-3/8"	11/16"-16	1/4-19	12	11	32	19	
12	1/2"	13/16"-16	1/4-19	12	13	36	22	
6	1/4"	9/16"-18	3/8-19	12	10	31	22	
8-10	5/16"-3/8"	11/16"-16	3/8-19	12	11	32	24	
12	1/2"	13/16"-16	3/8-19	12	13	34	24	
14-16	5/8"	1"-14	3/8-19	11	16	37	27	
8-10	5/16"-3/8"	11/16"-16	1/2-14	14	11	35	27	
12	1/2"	13/16"-16	1/2-14	14	13	37	27	
14-16	5/8"	1"-14	1/2-14	15	16	40	30	
18-20	3/4"	1.3/16"-12	1/2-14	14	17	47	32	
12	1/2"	13/16"-16	3/4-11	16	13	41	36	
14-16	5/8"	1"-14	3/4-11	15	16	44	36	
18-20	3/4"	1.3/16"-12	3/4-11	15	17	45	36	
25	1"	1.7/16"-12	3/4-11	16	18	50	38	
14-16	5/8"	1"-14	1-11	18	16	48	41	
18-20	3/4"	1.3/16"-12	1-11	18	17	48	41	
25	1"	1.7/16"-12	1-11	18	18	48	41	
30-32	1.1/4"	1.11/16"-12	1-11	18	18	55	46	
25	1"	1.7/16"-12	1.1/4-11	20	18	52	50	
30-32	1.1/4"	1.11/16"-12	1.1/4-11	20	18	52	50	
38	1.1/2"	2"-12	1.1/2-11	22	18	56	60	

1562 Gomito a 90° Orientabile ORFS/BSP



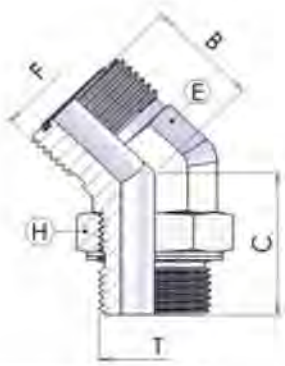
Adjustable Elbow ORFS/BSP

Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	1/8-28	22	30	14	14	
6	1/4"	9/16"-18	1/4-19	24	36	19	19	
8-10	5/16"-3/8"	11/16"-16	1/4-19	25	36	19	19	
12	1/2"	13/16"-16	1/4-19	28	36	19	19	
6	1/4"	9/16"-18	3/8-19	25	39	19	24	
8-10	5/16"-3/8"	11/16"-16	3/8-19	27	39	19	24	
12	1/2"	13/16"-16	3/8-19	28	39	19	24	
14-16	5/8"	1"-14	3/8-19	34	44	27	24	
8-10	5/16"-3/8"	11/16"-16	1/2-14	30	49	27	27	
12	1/2"	13/16"-16	1/2-14	31	49	27	27	
18-20	3/4"	1.3/16"-12	1/2-14	38	50	30	27	
14-16	5/8"	1"-14	1/2-14	34	49	27	27	
12	1/2"	13/16"-16	3/4-11	34	52	30	36	
14-16	5/8"	1"-14	3/4-11	36	52	30	36	
18-20	3/4"	1.3/16"-12	3/4-11	38	52	30	36	
25	1"	1.7/16"-12	3/4-11	42	58	37	36	
18-20	3/4"	1.3/16"-12	1-11	41	59	37	41	
25	1"	1.7/16"-12	1-11	42	59	37	41	
30-32	1.1/4"	1.11/16"-12	1-11	45	61	41	41	
25	1"	1.7/16"-12	1.1/4-11	45	61	41	50	
30-32	1.1/4"	1.11/16"-12	1.1/4-11	45	61	41	50	
38	1.1/2"	2"-12	1.1/2-11	49	65	48	60	

6062 Gomito a 45° Orientabile ORFS/BSP

Adjustable 45° Elbow ORFS/BSP

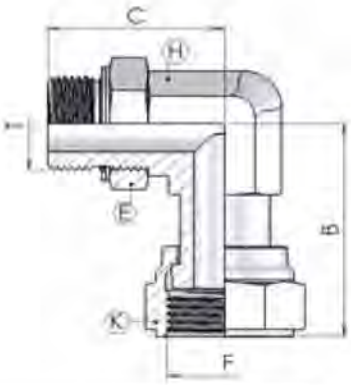


Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	1/8-28	22	27	14	14	
6	1/4"	9/16"-18	1/4-19	24	32	19	19	
8-10	5/16"-3/8"	11/16"-16	1/4-19	25	32	19	19	
12	1/2"	13/16"-16	1/4-19	28	33	19	19	
6	1/4"	9/16"-18	3/8-19	25	34	24	19	
8-10	5/16"-3/8"	11/16"-16	3/8-19	27	34	24	19	
12	1/2"	13/16"-16	3/8-19	28	34	24	19	
14-16	5/8"	1"-14	3/8-19	34	34	24	27	
8-10	5/16"-3/8"	11/16"-16	1/2-14	30	42	27	27	
12	1/2"	13/16"-16	1/2-14	31	42	27	27	
18-20	3/4"	1.3/16"-12	1/2-14	38	46	27	30	
14-16	5/8"	1"-14	1/2-14	34	42	27	27	
12	1/2"	13/16"-16	3/4-11	34	47	36	30	
14-16	5/8"	1"-14	3/4-11	36	47	36	30	
18-20	3/4"	1.3/16"-12	3/4-11	38	47	36	30	
25	1"	1.7/16"-12	3/4-11	42	47	36	37	
18-20	3/4"	1.3/16"-12	1-11	41	51	41	37	
25	1"	1.7/16"-12	1-11	45	51	41	37	
30-32	1.1/4"	1.11/16"-12	1-11	45	52	41	41	
25	1"	1.7/16"-12	1.1/4-11	45	52	50	41	
30-32	1.1/4"	1.11/16"-12	1.1/4-11	45	52	50	41	
38	1.1/2"	2"-12	1.1/2-11	49	52	60	48	

4063 Gomito a 90° Orientabile con Femmina Girevole ORFS/BSP

Adjustable Elbow with Swivel Nut ORFS/BSP

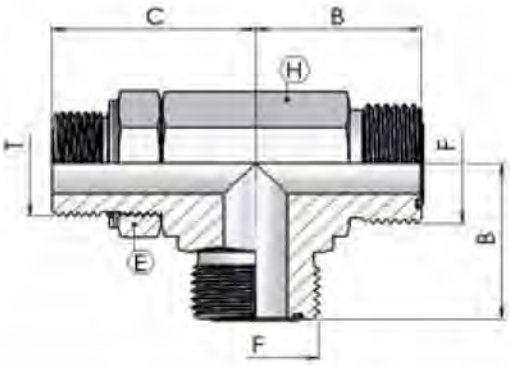


Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions							
mm	inch	F	T	B	C	E	H	K	
6	1/4"	9/16"-18	1/8"	27	30	14	14	19	
8-10	5/16"-3/8"	11/16"-16	1/4"	29	36	19	19	22	
12	1/2"	13/16"-16	3/8"	38	39	24	19	24	
14-16	5/8"	1"-14	1/2"	41	49	27	27	30	
18-20	3/4"	1.3/16"-12	3/4"	47	52	36	30	36	
25	1"	1.7/16"-12	1"	54	59	41	37	41	
30-32	1.1/4"	1.11/16"-12	1.1/4"	58	61	50	41	50	
38	1.1/2"	2"-12	1.1/2"	61	65	50	48	60	

6064 T ORFS con maschio BSP laterale orientabile

Adjustable Run Tee ORFS/BSP

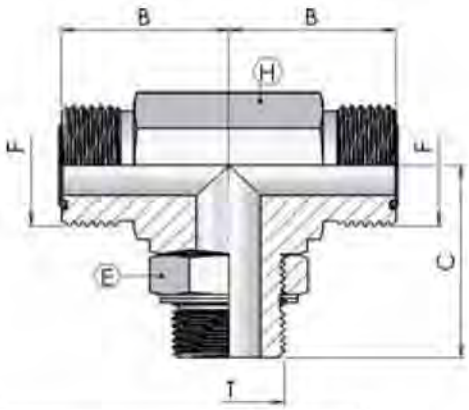


Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	1/8-28	22	30	14	14	
6	1/4"	9/16"-18	1/4-19	24	36	19	19	
8-10	5/16"-3/8"	11/16"-16	1/4-19	25	36	19	19	
12	1/2"	13/16"-16	1/4-19	28	36	19	19	
6	1/4"	9/16"-18	3/8-19	25	39	19	24	
8-10	5/16"-3/8"	11/16"-16	3/8-19	27	39	19	24	
12	1/2"	13/16"-16	3/8-19	28	39	19	24	
14-16	5/8"	1"-14	3/8-19	34	44	27	24	
8-10	5/16"-3/8"	11/16"-16	1/2-14	30	49	27	27	
12	1/2"	13/16"-16	1/2-14	31	49	27	27	
18-20	3/4"	1.3/16"-12	1/2-14	38	50	30	27	
14-16	5/8"	1"-14	1/2-14	34	49	27	27	
12	1/2"	13/16"-16	3/4-11	34	52	30	36	
14-16	5/8"	1"-14	3/4-11	36	52	30	36	
18-20	3/4"	1.3/16"-12	3/4-11	38	52	30	36	
25	1"	1.7/16"-12	3/4-11	42	58	37	36	
18-20	3/4"	1.3/16"-12	1-11	41	59	37	41	
25	1"	1.7/16"-12	1-11	42	59	37	41	
30-32	1.1/4"	1.11/16"-12	1-11	45	61	41	41	
25	1"	1.7/16"-12	1.1/4-11	45	61	41	50	
30-32	1.1/4"	1.11/16"-12	1.1/4-11	45	61	41	50	
38	1.1/2"	2"-12	1.1/2-11	49	65	48	60	

1064 T ORFS con maschio BSP centrale orientabile

Adjustable Branch Tee ORFS/BSP

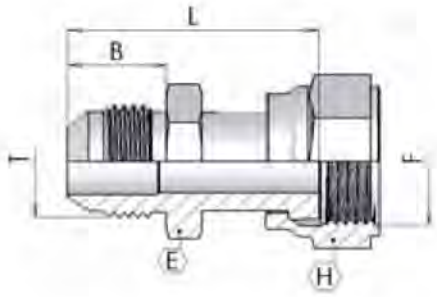


Filettatura / Thread:
BSPP (ISO 1179-3)

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	1/8-28	22	30	14	14	
6	1/4"	9/16"-18	1/4-19	24	36	19	19	
8-10	5/16"-3/8"	11/16"-16	1/4-19	25	36	19	19	
12	1/2"	13/16"-16	1/4-19	28	36	19	19	
6	1/4"	9/16"-18	3/8-19	25	39	19	24	
8-10	5/16"-3/8"	11/16"-16	3/8-19	27	39	19	24	
12	1/2"	13/16"-16	3/8-19	28	39	19	24	
14-16	5/8"	1"-14	3/8-19	34	44	27	24	
8-10	5/16"-3/8"	11/16"-16	1/2-14	30	49	27	27	
12	1/2"	13/16"-16	1/2-14	31	49	27	27	
18-20	3/4"	1.3/16"-12	1/2-14	38	50	30	27	
14-16	5/8"	1"-14	1/2-14	34	49	27	27	
12	1/2"	13/16"-16	3/4-11	34	52	30	36	
14-16	5/8"	1"-14	3/4-11	36	52	30	36	
18-20	3/4"	1.3/16"-12	3/4-11	38	52	30	36	
25	1"	1.7/16"-12	3/4-11	42	58	37	36	
18-20	3/4"	1.3/16"-12	1-11	41	59	37	41	
25	1"	1.7/16"-12	1-11	42	59	37	41	
30-32	1.1/4"	1.11/16"-12	1-11	45	61	41	41	
25	1"	1.7/16"-12	1.1/4-11	45	61	41	50	
30-32	1.1/4"	1.11/16"-12	1.1/4-11	45	61	41	50	
38	1.1/2"	2"-12	1.1/2-11	49	65	48	60	

2561 Femmina girevole ORFS/JIC

Swivel Nut Female ORFS/JIC

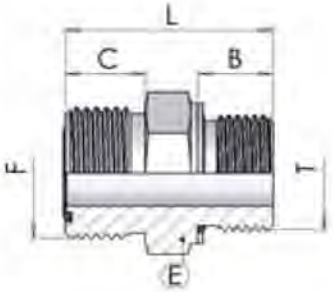


Filettatura / Thread:
UN/UNF (ISO 8434-2)

Ø tube		Dimensions						
mm	inch	F	T	B	L	E	H	
6	1/4"	9/16"-18	7/16-20	14	41	13	19	
8-10	5/16"-3/8"	11/16"-16	9/16-18	14	43	16	22	
12	1/2"	13/16"-16	3/4-16	17	53	22	24	
16	5/8"	1"-14	7/8-14	20	58	24	30	
20	3/4"	1.3/16"-12	1.1/16-12	22	64	30	36	
25	1"	1.7/16"-12	1.5/16-12	23	72	36	41	
32	1.1/4"	1.11/16"-12	1.5/8-12	25	74	42	50	
38	1.1/2"	2"-12	1.7/8-12	28	77	50	60	

0069 Giunzione M/M ORFS/ Metrico DIN 3852-1

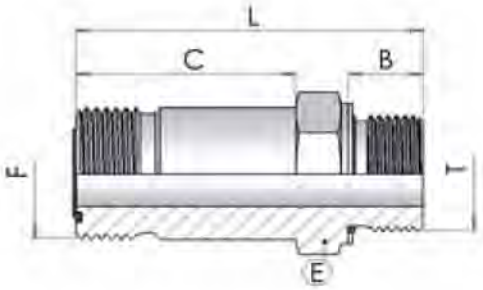
Giunzione M/M ORFS/ Metrico DIN 3852-1



Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	M10x1	9	34	26	16	
6	1/4"	9/16"-18	M12x1,5	12	34	29	17	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	-	37	31	19	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	13	37	33	22	
12	1/2"	13/16"-16	M16x1,5	-	45	38	22	
12	1/2"	13/16"-16	M18x1,5	14	45	36	24	
14-16	5/8"	1"-14	M18x1,5	-	53	43	27	
14-16	5/8"	1"-14	M22x1,5	15	53	41	30	
18-20	3/4"	1.3/16"-12	M22x1,5	-	64	-	32	
18-20	3/4"	1.3/16"-12	M27x2	19	64	48	36	
25	1"	1.7/16"-12	M27x2	-	73	-	38	
25	1"	1.7/16"-12	M33x2	19	73	50	41	
30-32	1.1/4"	1.11/16"-12	M42x2	19	87	53	50	
38	1.1/2"	2"-12	M48x2	22	97	55	60	

2069 Giunzione Lunga M/M ORFS/ Metrico DIN 3852-1

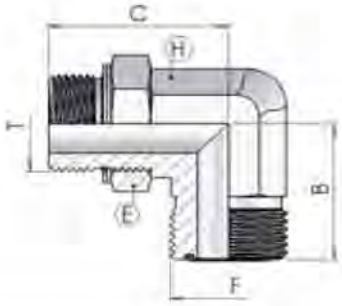


Long Male Connector ORFS/ Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	M10x1	9	34	50	16	
6	1/4"	9/16"-18	M12x1,5	12	34	53	17	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	-	37	57	19	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	13	37	59	22	
12	1/2"	13/16"-16	M16x1,5	-	45	69	22	
12	1/2"	13/16"-16	M18x1,5	14	45	68	24	
14-16	5/8"	1"-14	M18x1,5	-	53	80	27	
14-16	5/8"	1"-14	M22x1,5	15	53	78	30	
18-20	3/4"	1.3/16"-12	M22x1,5	-	64	-	32	
18-20	3/4"	1.3/16"-12	M27x2	19	64	95	36	
25	1"	1.7/16"-12	M27x2	-	73	-	38	
25	1"	1.7/16"-12	M33x2	19	73	106	41	
30-32	1.1/4"	1.11/16"-12	M42x2	19	87	122	50	
38	1.1/2"	2"-12	M48x2	22	97	135	60	

2063 Gomito a 90° Orientabile ORFS/ Metrico DIN 3852-1

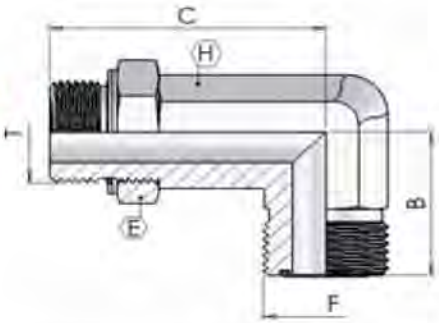


Adjustale Elbow ORFS/ Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	M10x1	22	32	14	14	
6	1/4"	9/16"-18	M12x1,5	22	33	14	17	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	25	37	19	19	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	25	37	19	22	
12	1/2"	13/16"-16	M16x1,5	28	40	19	22	
12	1/2"	13/16"-16	M18x1,5	28	40	19	24	
14-16	5/8"	1"-14	M18x1,5	34	45	27	24	
14-16	5/8"	1"-14	M22x1,5	34	49	27	27	
18-20	3/4"	1.3/16"-12	M22x1,5	38	50	30	27	
18-20	3/4"	1.3/16"-12	M27x2	38	55	30	36	
25	1"	1.7/16"-12	M27x2	42	56	37	36	
25	1"	1.7/16"-12	M33x2	42	60	37	41	
30-32	1.1/4"	1.11/16"-12	M42x2	45	62	41	50	
38	1.1/2"	2"-12	M48x2	49	68	48	60	

4069 Gomito a 90° Orientabile Lungo ORFS/ Metrico DIN 3852-1

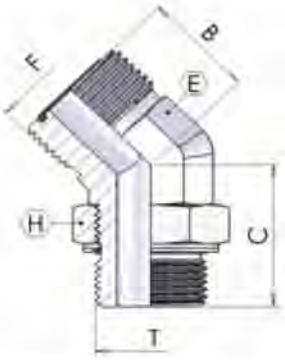


Long Adjustale Elbow ORFS/ Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	M10x1	22	56	14	14	
6	1/4"	9/16"-18	M12x1,5	22	57	14	17	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	25	66	19	19	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	25	72	19	22	
12	1/2"	13/16"-16	M16x1,5	28	74	19	22	
12	1/2"	13/16"-16	M18x1,5	28	75	19	24	
14-16	5/8"	1"-14	M18x1,5	34	84	27	24	
14-16	5/8"	1"-14	M22x1,5	34	88	27	27	
18-20	3/4"	1.3/16"-12	M22x1,5	38	96	30	27	
18-20	3/4"	1.3/16"-12	M27x2	38	100	30	36	
25	1"	1.7/16"-12	M27x2	42	111	37	36	
25	1"	1.7/16"-12	M33x2	42	115	37	41	
30-32	1.1/4"	1.11/16"-12	M42x2	45	127	41	50	
38	1.1/2"	2"-12	M48x2	49	142	48	60	

7062 Gomito a 45° Orientabile ORFS/ Metrico DIN 3852-1

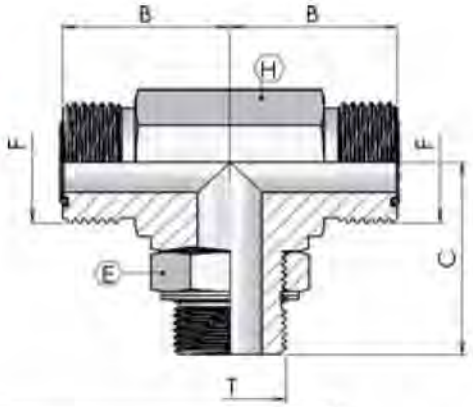


Adjustable 45° Elbow ORFS/ Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	M10x1	16	30	14	14	
6	1/4"	9/16"-18	M12x1,5	16	30	14	17	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	19	-	19	19	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	19	34	19	22	
12	1/2"	13/16"-16	M16x1,5	21	-	19	22	
12	1/2"	13/16"-16	M18x1,5	21	37	19	24	
14-16	5/8"	1"-14	M18x1,5	24	-	27	24	
14-16	5/8"	1"-14	M22x1,5	24	44	27	27	
18-20	3/4"	1.3/16"-12	M22x1,5	26	-	30	27	
18-20	3/4"	1.3/16"-12	M27x2	26	51	30	36	
25	1"	1.7/16"-12	M27x2	30	-	37	36	
25	1"	1.7/16"-12	M33x2	30	53	37	41	
30-32	1.1/4"	1.11/16"-12	M42x2	32	54	41	50	
38	1.1/2"	2"-12	M48x2	37	57	48	60	

2064 T ORFS con maschio Metrico (DIN 3852-1) centrale orientabile

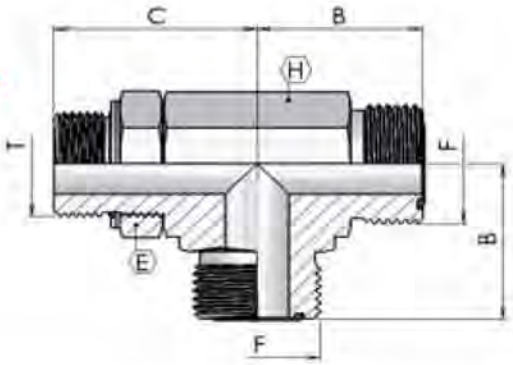


Adjustable Branch Tee ORFS/ Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	M10x1	22	32	14	14	
6	1/4"	9/16"-18	M12x1,5	22	33	14	17	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	25	37	19	19	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	25	37	19	22	
12	1/2"	13/16"-16	M16x1,5	28	40	19	22	
12	1/2"	13/16"-16	M18x1,5	28	40	19	24	
14-16	5/8"	1"-14	M18x1,5	34	45	27	24	
14-16	5/8"	1"-14	M22x1,5	34	49	27	27	
18-20	3/4"	1.3/16"-12	M22x1,5	38	50	30	27	
18-20	3/4"	1.3/16"-12	M27x2	38	55	30	36	
25	1"	1.7/16"-12	M27x2	42	56	37	36	
25	1"	1.7/16"-12	M33x2	42	60	37	41	
30-32	1.1/4"	1.11/16"-12	M42x2	45	62	41	50	
38	1.1/2"	2"-12	M48x2	49	68	48	60	

7064 T ORFS con maschio Metrico (DIN 3852-1) laterale orientabile

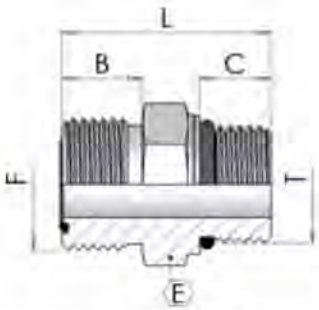


Adjustable Run Tee ORFS/ Metric DIN 3852-1

Filettatura / Thread:
Metric Parallel

Ø tube		Dimensions						
mm	inch	F	T	B	C	H	E	
6	1/4"	9/16"-18	M10x1	22	32	14	14	
6	1/4"	9/16"-18	M12x1,5	22	33	14	17	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	25	37	19	19	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	25	37	19	22	
12	1/2"	13/16"-16	M16x1,5	28	40	19	22	
12	1/2"	13/16"-16	M18x1,5	28	40	19	24	
14-16	5/8"	1"-14	M18x1,5	34	45	27	24	
14-16	5/8"	1"-14	M22x1,5	34	49	27	27	
18-20	3/4"	1.3/16"-12	M22x1,5	38	50	30	27	
18-20	3/4"	1.3/16"-12	M27x2	38	55	30	36	
25	1"	1.7/16"-12	M27x2	42	56	37	36	
25	1"	1.7/16"-12	M33x2	42	60	37	41	
30-32	1.1/4"	1.11/16"-12	M42x2	45	62	41	50	
38	1.1/2"	2"-12	M48x2	49	68	48	60	

4068 Giunzione M/M ORFS/ Metrico ISO 6149-2



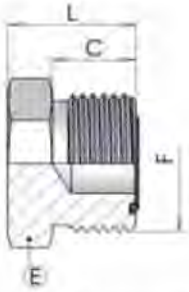
Male Connector ORFS/ Metric ISO 6149-2

Filettatura / Thread:
Metric (ISO 6149-2)

Ø tube		Dimensions						
mm	inch	F	T	B	C	L	E	
6	1/4"	9/16"-18	M10x1	9,8	9	27	17	
6	1/4"	9/16"-18	M12x1,5	9,8	11	29	17	
8-10	5/16"-3/8"	11/16"-16	M12x1,5	11,2	11	34	19	
6	1/4"	9/16"-18	M14x1,5	9,8	11	30	19	
8-10	5/16"-3/8"	11/16"-16	M14x1,5	11,2	11	31	19	
12	1/2"	13/16"-16	M14x1,5	12,8	11	35	22	
8-10	5/16"-3/8"	11/16"-16	M16x1,5	11,2	13	34	22	
12	1/2"	13/16"-16	M16x1,5	12,8	13	37	24	
8-10	5/16"-3/8"	11/16"-16	M18x1,5	11,2	14	35	24	
12	1/2"	13/16"-16	M18x1,5	12,8	14	37	24	
14-15-16	5/8"	1"-14	M18x1,5	15,5	14	41	27	
8-10	5/16"-3/8"	11/16"-16	M22x1,5	11,2	15	38	27	
12	1/2"	13/16"-16	M22x1,5	12,8	15	39	27	
14-15-16	5/8"	1"-14	M22x1,5	15,5	15	42	27	
18-20	3/4"	1.3/16"-12	M22x1,5	17,0	15	50	32	
12	1/2"	13/16"-16	M27x2	12,8	18	44	32	
18-20	3/4"	1.3/16"-12	M27x2	17,0	19	49	32	
22-25	1"	1.7/16"-12	M27x2	17,5	18	54	41	
18-20	3/4"	1.3/16"-12	M33x2	17,0	19	50	41	
22-25	1"	1.7/16"-12	M33x2	17,5	18	52	41	
28-30-32	1.1/4"	1.11/16"-12	M33x2	17,5	18	54	46	
28-30-32	1.1/4"	1.11/16"-12	M42x2	17,5	19	55	50	
35-38	1.1/2"	2"-12	M42x2	17,5	19	60	55	
35-38	1.1/2"	2"-12	M48x2	17,5	21	57	55	

0066 Tappo maschio

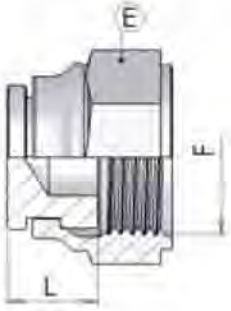
Male plug



Dimensions				
F	C	L	E	
9/16 - 18	10	17	17	
11/16 - 16	11	19	19	
13/16 - 16	13	22	22	
1 - 14	16	26	27	
1.3/16 - 12	17	27	32	
1.7/16 - 12	18	28	38	
1.11/16 - 12	18	28	46	
2 - 12	18	28	55	

1066 Tappo femmina girevole

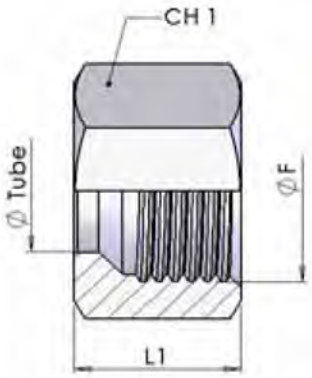
Female Plug Swivel



	Dimensions			
	F		L	E
	9/16 - 18		13	19
	11/16 - 16		15	22
	13/16 - 16		15	24
	1 - 14		17	30
	1.3/16 - 12		16	36
	1.7/16 - 12		19	41
Dado Libero	1.11/16 - 12		22	50
Dado Libero	2 - 12		22	60

0074 SF Dado di serraggio

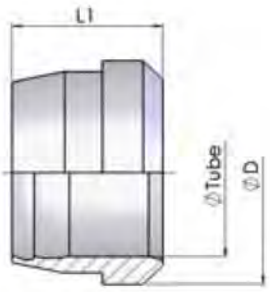
Nuts



PN	Ø tube		Thread	Dimensions		
bar	mm	inch	F	CH1	L1	
640	13,25	1/4"	20x1,5	24	18	
400	16,75	3/8"	24x1,5	30	18	
400	21,25	1/2"	30x1,5	36	20,5	
320	26,75	3/4"	36x1,5	42	21,5	
250	33,50	1"	45x1,5	55	23,5	
160	42,25	1.1/4"	52x1,5	65	24,5	

1074 SF Anellino tagliente

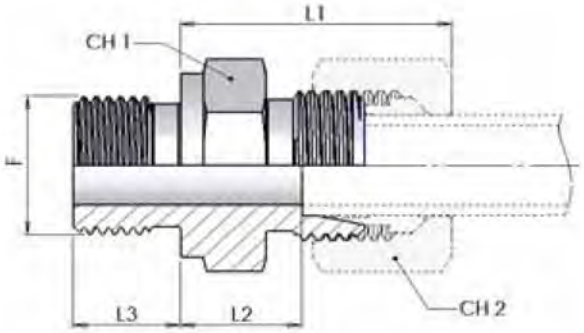
Cutting Rings



PN	Ø tube			Dimensions	
bar	mm	inch		L1	
640	13,25	1/4"	10		
400	16,75	3/8"	10		
400	21,25	1/2"	10		
320	26,75	3/4"	10,5		
250	33,50	1"		10,5	
160	42,25	1.1/4"	11,5		

3074 SF Terminale diritto

Male Stud Couplings



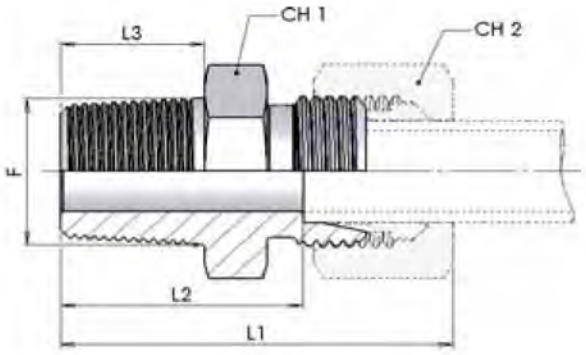
Filettatura / Thread:
BSPP (UNI ISO 228)

PN	Ø tube		Thread	Dimensions						
bar	mm	inch	F	CH1	CH2	L1	L2	L3		
640	13,25	1/4"	1/4"	22	24	33	10,5	10		
			3/8"	22	24	34	12	10		
			1/2"	27	24	35	13	12		
400	16,75	3/8"	3/8"	27	30	35	12	10		
			1/2"	27	30	36	13	12		
400	21,25	1/2"	1/2"	32	36	39	15	12		
			3/4"	32	36	40	16,5	16		
320	26,75	3/4"	3/4"	41	42	41	16,5	16		
			1"	46	42	43	18,5	16		
250	33,50	1"	1"	46	55	45	20,5	16		
			1 1/4"	50	55	48	23	18		
160	42,25	1.1/4"	1 1/4"	55	65	49	23	18		
			1 1/2"	60	65	49	23	18		

PN	Ø tube		Thread	Dimensions						
bar	mm	inch	F	CH1	CH2	L1	L2	L3		
640	13,25	1/4"	16x1,5	22	24	34	12	10		
			18x1,5	24	24	35	12,5	12		
400	16,75	3/8"	18x1,5	27	30	35	12,5	12		
			20x1,5	27	30	36	12,5	12		
			22x1,5	32	30	36	13	14		

5074 SF Terminale diritto

Male Stud Couplings

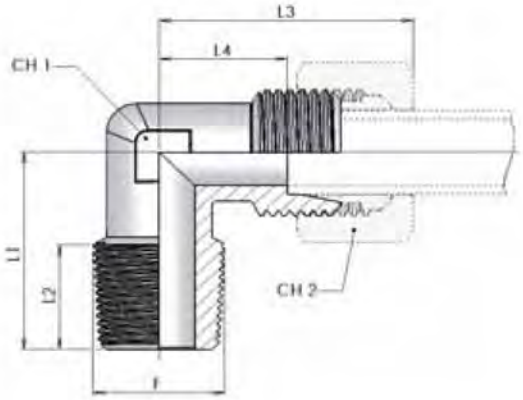


Filettatura / Thread:
BSPT (UNI ISO 7/1)

PN	Ø tube		Thread	Dimensions					
bar	mm	inch	F	CH1	CH2	L1	L2	L3	
640	13,25	1/4"	1/4"	22	24	34,5	22,5	12,5	
			3/8"	22	24	35	22,5	13	
			1/2"	22	24	39	27,5	17	
400	16,75	3/8"	1/4"	27	30	35,5	23,5	12,5	
			3/8"	27	30	36	23,5	13	
			1/2"	27	30	40	28	17	
400	21,25	1/2"	1/2"	32	36	41	31	17	
			3/4"	32	36	42	32	18	
320	26,75	3/4"	1/2"	41	42	42	32	17	
			3/4"	41	42	43	33	18	
			1"	41	42	46,5	36	21,5	
250	33,50	1"	1"	46	55	46,5	40	21,5	
			1 1/4"	46	55	49	42,5	24	
160	42,25	1.1/4"	1 1/4"	55	65	50	44,5	24	
			1 1/2"	55	65	50	44,5	24	

6074 SF Terminale a gomito

Stud Elbows

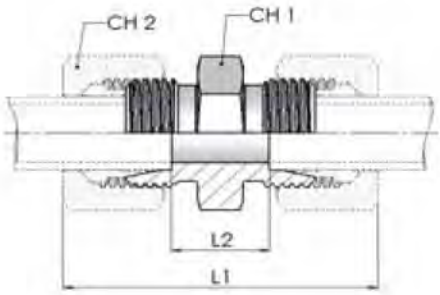


Filettatura / Thread:
BSPT (UNI ISO 7/1)

PN	Ø tube		Thread	Dimensions						
bar	mm	inch	F	CH1	CH2	L1	L2	L3	L4	
640	13,25	1/4"	1/4"	19	24	30	12,5	41	18,5	
			3/8"	19	24	30	13	41	18,5	
			1/2"	24	24	34	17	40	18	
400	16,75	3/8"	1/4"	24	30	31	12,5	45	21,5	
			3/8"	24	30	31	13	45	21,5	
			1/2"	24	30	34	17	45	21,5	
400	21,25	1/2"	1/2"	27	36	38	17	50	26,5	
			3/4"	27	36	42	18	50	26,5	
320	26,75	3/4"	3/4"	36	42	46	18	54	29,5	
			1"	36	42	48	19,5	54	29,5	
250	33,50	1"	1"	41	55	54	21	62	37	
			1 1/4"	41	55	54	22	62	37	
160	42,25	1.1/4"	1 1/4"	50	65	61	23,5	69	43	

0075 SF Intermedio diritto

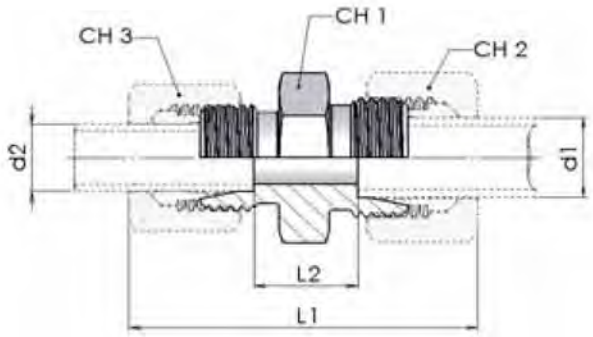
Straight couplings



PN	Ø tube			Dimensions						
bar	mm	inch		CH1	CH2	L1	L2			
640	13,25	1/4"		22	24	58	13			
400	16,75	3/8"		27	30	61	14			
400	21,25	1/2"		32	36	67	19			
320	26,75	3/4"		41	42	70	20			
250	33,50	1"		46	55	76	26			
160	42,25	1.1/4"		55	65	79	28			

1075 SF Intermedio diritto ridotto

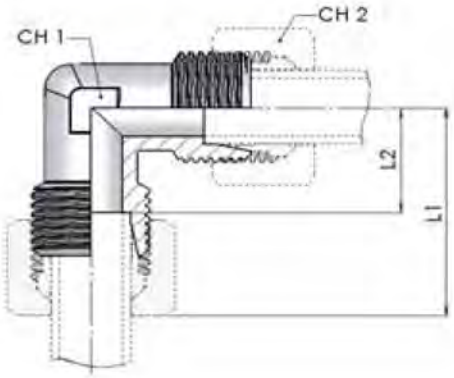
Reduced Straight couplings



PN	Ø tube d1		Ø tube d2		Dimensions						
bar	mm	inch	mm	inch	CH1	CH2	CH3	L1	L2		
400	16,75	3/8"	13,25	1/4"	27	30	24	60	14		
400	21,25	1/2"	13,25	1/4"	32	36	24	63	17		
			16,75	3/8"	32	36	30	64	17		

2075 SF Intermedio a gomito

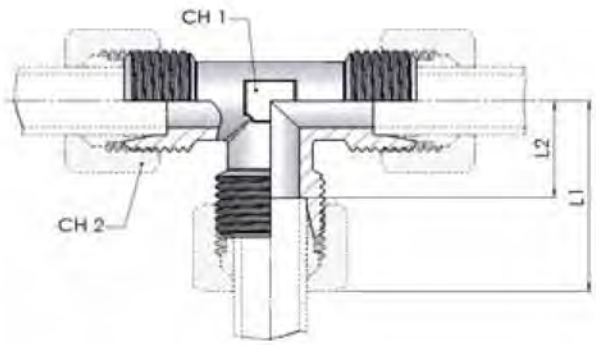
Equal Elbows



PN	Ø tube			Dimensions						
bar	mm	inch		CH1	CH2	L1	L2			
640	13,25	1/4"		19	24	41	18,5			
400	16,75	3/8"		24	30	45	21,5			
400	21,25	1/2"		27	36	50	26,5			
320	26,75	3/4"		36	42	54	29,5			
250	33,50	1"		41	55	62	37			
160	42,25	1.1/4"		50	65	69	43			

0070 SF Intermedio a 'T'

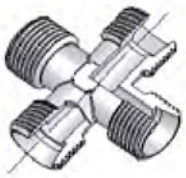
Equal Tees

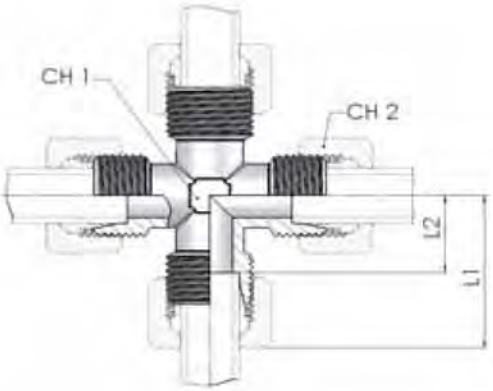


PN	Ø tube			Dimensions						
bar	mm	inch		CH1	CH2	L1	L2			
640	13,25	1/4"		19	24	41	18,5			
400	16,75	3/8"		24	30	45	21,5			
400	21,25	1/2"		27	36	50	26,5			
320	26,75	3/4"		36	42	54	29,5			
250	33,50	1"		41	55	62	37			
160	42,25	1.1/4"		50	65	69	43			

1070 SF Intermedio a croce

Equal Crosses

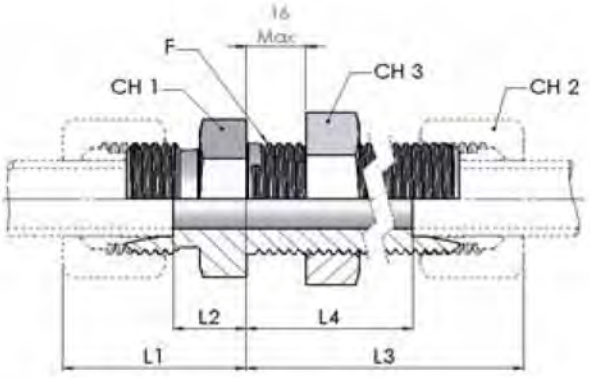




PN	Ø tube			Dimensions						
bar	mm	inch		CH1	CH2	L1	L2			
640	13,25	1/4"		19	24	41	18,5			
400	16,75	3/8"		24	30	45	21,5			
400	21,25	1/2"		27	36	50	26,5			
320	26,75	3/4"		36	42	54	29,5			
250	33,50	1"		41	55	62	37			
160	42,25	1.1/4"		50	65	69	43			

2070 SF Passaparete Diritto

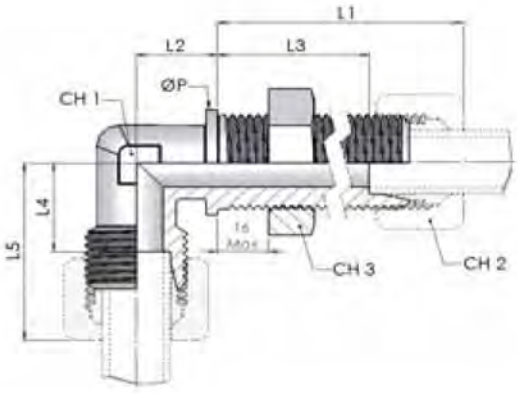
Straight Bulkhead Union



PN	Ø tube		Thread	Dimensions						
bar	mm	inch	F	CH1	CH2	CH3	L1	L2	L3	L4
640	13,25	1/4"	20x1,5	27	24	27	32	10	47	25
400	16,75	3/8"	24x1,5	32	30	32	34	11	49	26
400	21,25	1/2"	30x1,5	36	36	41	37	13	52	28
320	26,75	3/4"	36x1,5	46	42	46	40	15	54	29
250	33,50	1"	45x1,5	55	55	55	44	19	58	33
160	42,25	1.1/4"	52x1,5	65	65	65	46	20	60	34

3071 SF Passaparete a 90°

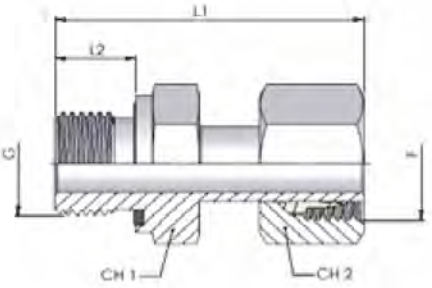
Bulkhead 90° Elbow Union



PN	Ø tube		Dimensions								
bar	mm	inch	CH1	CH2	CH3	L1	L2	L3	L4	L5	ØP
640	13,25	1/4"	19	24	27	51	23	29	20	42	27
400	16,75	3/8"	24	30	32	54	24	31	23	46	30
400	21,25	1/2"	27	36	41	59	30	35	28	52	36
320	26,75	3/4"	36	42	46	63	34	38	31	56	42
250	33,50	1"	41	55	55	63	39	38	37	62	50

7071 SF Bocchettone diritto premontato con o'r

Stud /Standpipe Adaptors

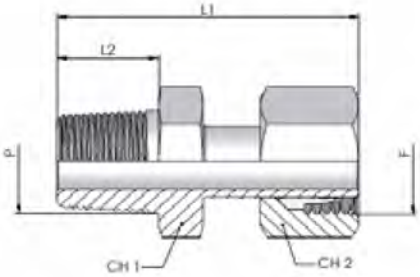


Filettatura / Thread:
BSPP (Form E DIN 3852)

PN	Ø tube		Thread		Dimensions				
bar	mm	inch	G	F	CH1	CH2	L1	L2	
640	13,25	1/4"	1/4"	20 x 1,5	17	24	39,5	10	
			3/8"	20 x 1,5	22	24	41	10	
			1/2"	20 x 1,5	27	24	44	12	
400	16,75	3/8"	3/8"	24 x 1,5	22	30	43	10	
			1/2"	24 x 1,5	27	30	46	12	
400	21,25	1/2"	1/2"	30 x 1,5	27	36	48	12	
			3/4"	30 x 1,5	32	36	53,5	16	
320	26,75	3/4"	3/4"	36 x 1,5	32	42	53,5	16	
			1"	36 x 1,5	46	42	55,5	16	
250	33,50	1"	1"	45 x 1,5	46	55	56,5	16	
			1 1/4"	45 x 1,5	50	55	61	18	
160	42,25	1.1/4"	1 1/4"	52 x 1,5	50	65	62	18	
			1 1/2"	52 x 1,5	60	65	62	18	

7571 SF Bocchettone diritto premontato

Stud /Standpipe Adaptors

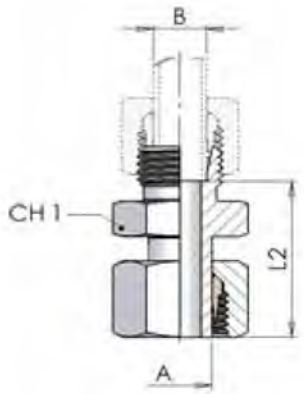


Filettatura / Thread:
BSPT (UNI ISO 7/1)

PN	Ø tube		Thread		Dimensions				
bar	mm	inch	P	F	CH1	CH2	L1	L2	
640	13,25	1/4"	1/4"	20 x 1,5	14	24	40	12,5	
			3/8"	20 x 1,5	19	24	41	13	
			1/2"	20 x 1,5	22	24	46	17	
400	16,75	3/8"	3/8"	24 x 1,5	19	30	43	13	
			1/2"	24 x 1,5	22	30	48	17	
400	21,25	1/2"	1/2"	30 x 1,5	24	36	50	17	
			3/4"	30 x 1,5	27	36	52	18	
320	26,75	3/4"	3/4"	36 x 1,5	30	42	52	18	
			1"	36 x 1,5	36	42	57,5	21,5	

1072 SF Riduzione a codolo premontato

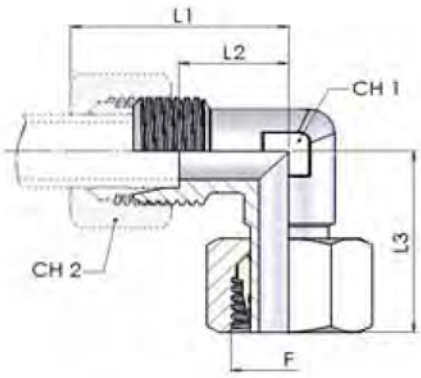
Standpipe/Tube Reducers



PN	Ø tube A		Ø tube B		Dimensions						
bar	mm	inch	mm	inch	CH1	L2					
400	16,75	3/8"	13,25	1/4"	22	34					
400	21,25	1/2"	13,25	1/4"	22	36					
			16,75	3/8"	27	37					
320	26,75	3/4"	13,25	1/4"	30	36					
			16,75	3/8"	30	37					
			21,25	1/2"	32	40					
250	33,50	1"	16,75	3/8"	36	38					
			21,25	1/2"	36	41					
			26,75	3/4"	41	42					
160	42,25	1.1/4"	21,25	1/2"	46	42					
			26,75	3/4"	46	43					
			33,50	1"	46	47					

4071 SF Girevole a gomito

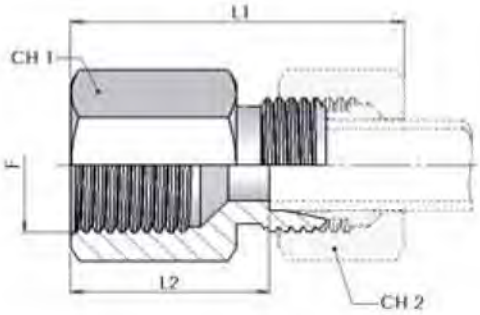
Angular rotary fitting



PN	Ø tube		Thread	Dimensions						
bar	mm	inch	F	CH1	CH2	L1	L2	L3		
640	13,25	1/4"	20x1,5	19	24	41	18,5	35,5		
400	16,75	3/8"	24x1,5	24	30	45	21,5	37,5		
400	21,25	1/2"	30x1,5	27	36	50	26,5	45		
320	26,75	3/4"	36x1,5	36	42	54	29,5	49		
250	33,50	1"	45x1,5	41	55	62	37	54		

5072 SF Terminale diritto femmina

Female Stud Couplings

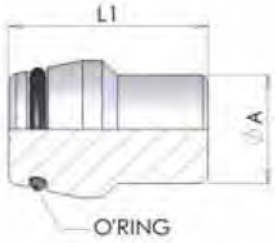


Filettatura / Thread:
BSPT (UNI ISO 228)

PN	Ø tube		Thread	Dimensions						
bar	mm	inch	F	CH1	CH2	L1	L2			
640	13,25	1/4"	1/4"	22	24	41	19			
			3/8"	22	24	41	19			
			1/2"	27	24	43	21			
400	16,75	3/8"	3/8"	27	30	42	19			
			1/2"	27	30	44	21			
400	21,25	1/2"	1/2"	32	36	47	23			

9072 SF Tappo con O-Ring

Pipe plug with O-Ring seal



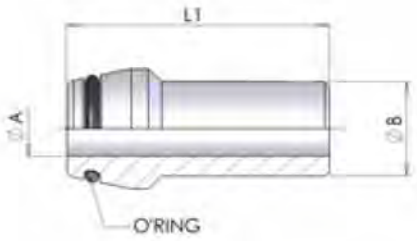
PN	Ø tube (ØA)		Dimensions		
bar	mm	inch	* O'Ring	L1	
640	13,25	1/4"	11 x 2	21	
400	16,75	3/8"	14 x 2	23	
400	21,25	1/2"	18 x 2,5	28	
320	26,75	3/4"	24 x 2,5	28	
250	33,50	1"	30 x 2,5	29	
160	42,25	1.1/4"	38 x 2,5	30	

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

* - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C

8072 SF Ogiva a saldare con O-Ring

Welding Nipples with O-Ring Seal



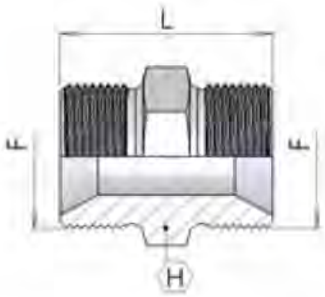
PN	Ø tube (ØB)		Dimensions			
bar	mm	inch	* O'Ring	L1	A	
640	13,25	1/4"	11 x 2	40	7	
400	16,75	3/8"	14 x 2	42	10,5	
400	21,25	1/2"	18 x 2,5	48	13,5	
320	26,75	3/4"	24 x 2,5	51	18,5	
250	33,50	1"	30 x 2,5	59	24	
160	42,25	1.1/4"	38 x 2,5	66	32,5	

* - Gamma di temperature senza riduzioni di pressione con i raccordi con guarnizioni O.Ring in NBR (di serie) e FPM (su richiesta): NBR (Perbunan): da -35° a +100°C - FPM (Viton): da -25° a +120°C

* - Temperature range without pressure reductions with connections fitted with O.Ring in NBR (standard) and FPM (to order): NBR(Perbunan): from -35° to +100°C - FPM (Viton): from -25° to +120°C

5017 Nipplo di giunzione metrico cono 60°

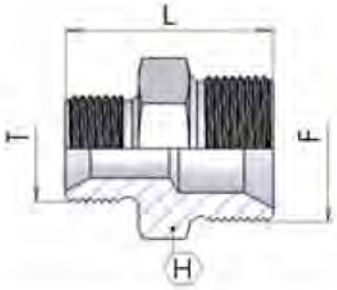
Metric male connector 60° cone



Dimensions		
F	L	H
M10 x 1	21	14
M12 x 1.5	29	17
M14 x 1.5	31	19
M16 x 1.5	34	22
M18 x 1.5	37	24
M20 x 1.5	36	27
M22 x 1.5	36	27
M24 x 1.5	36	30
M26 x 1.5	40	32
M30 x 1.5	43	36

7017 Nipplo di riduzione metrico cono 60°

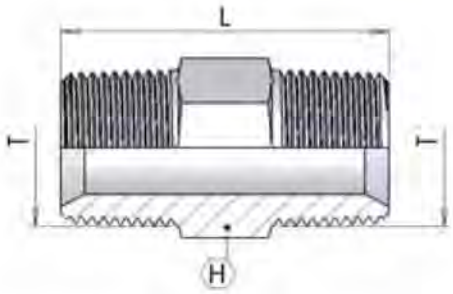
Reducing Metric Niple 60° come



Dimensions			
F	T	L	H
M14 x 1.5	M12 x 1.5	27	19
M16 x 1.5	M12 x 1.5	31	22
M16 x 1.5	M14 x 1.5	33	22
M18 x 1.5	M14 x 1.5	34	24
M18 x 1.5	M16 x 1.5	30	24
M22 x 1.5	M14 x 1.5	34	27
M22 x 1.5	M18 x 1.5	34	27
M26 x 1.5	M22 x 1.5	38	32

6018 Nipplo di giunzione gas conico

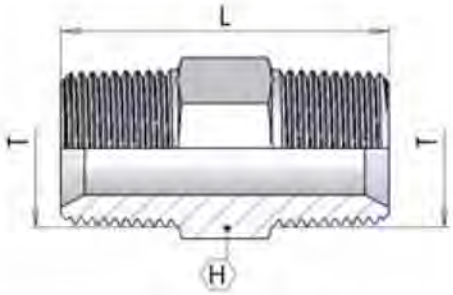
BSPT male x BSPT male connector



Dimensions			
T	L	H	
1/8-28	26	12	
1/4-19	35	15	
3/8-19	37	19	
1/2-14	46	22	
3/4-14	53	27	
1-11	60	36	
1.1/4-11	68	46	
1.1/2-11	71	50	
2-11	74	65	

7018 Nipplo di giunzione NPTF

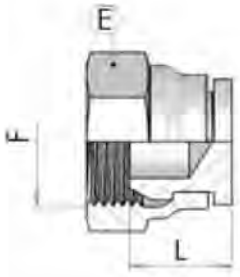
NPTF male x NPTF male connector



Dimensions			
T	L	H	
1/4-18	35	15	
3/8-18	37	19	
1/2-14	48	22	
3/4-14	53	27	
1-11.1/2	63	36	
1.1/4-11.1/2	68	46	
1.1/2-11.1/2	71	50	
2-11.1/2	74	65	

08M6 Tappo femmina girevole metrico

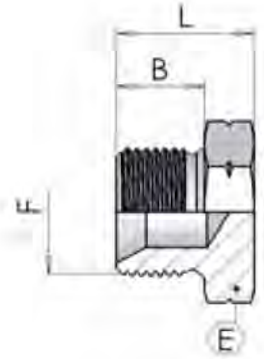
Metric 60° swivel female plug



Dimensions			
F	L	E	
M14 x 1.5	12	19	
M16 x 1.5	15	22	
M18 x 1.5	15	24	
M22 x 1.5	18	27	
M26 x 1.5	20	32	

05M6 Tappo Metrico

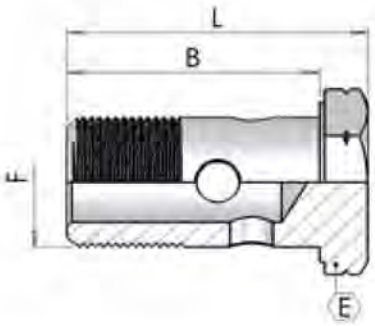
Male Plug



	Dimensions			
F	B	L	E	
M10x1	8	13	14	
M12x1,5	12	19	17	
M14x1,5	12	19	19	
M16x1,5	12	19	22	
M18x1,5	12	20	24	
M20x1,5	14	22	27	
M22x1,5	14	22	27	
M24x1,5	14	22	30	
M26x1,5	16	24	32	

5016 Bullone forato metrico

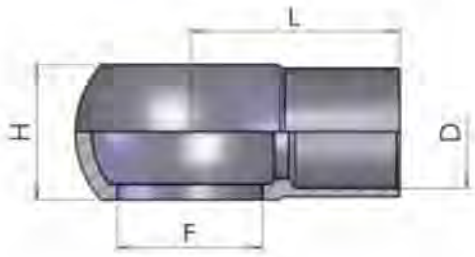
Metric perfored bolt



Dimensions				
F	B	L	E	
M10 x 1	19	24	14	
M12 x 1.5	26	31	17	
M14 x 1.5	29	34	19	
M16 x 1.5	33	41	22	
M18 x 1.5	37	44	24	
M20 x 1.5	38	46	27	
M22 x 1.5	38	46	27	
M26 x 1.5	47	56	32	
M30 x 1.5	58	68	36	

0015 Occhio metrico a saldare

Weldable Metric Banjo Eye

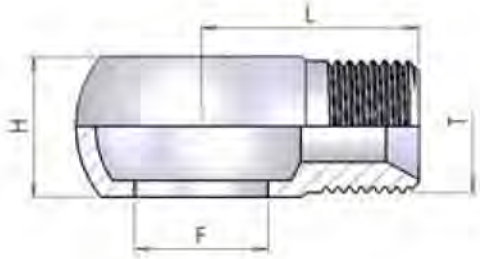


trattamento superficiale: non zincato
surface treatment: *without zinc plating*

Dimensions				
F	D	L	H	
M8x1	5	15	8	
M10x1	6	17	10	
M12x1,5	8	22	12	
M14x1.5	8	24	14	
M14 x 1.5	10	24	14	
M16x1.5	10	28	18	
M16 x 1.5	12	28	16	
M18 x 1.5	12	29	20	
M18x1.5	14	29	20	
M18 x 1.5	15	29	20	
M20x1.5	12	32	22	
M20x1.5	14	32	22	
M22 x 1.5	16	32	30	
M22x1.5	18	32	22	
M26 x 1.5	20	41	28	
M26x1.5	22	40	29	

7015 Occhio filettato metrico

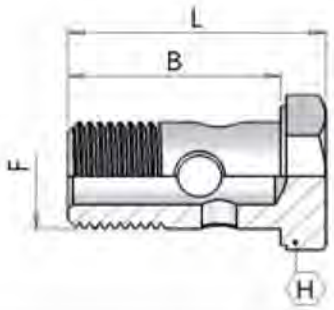
Metric threaded Banjo Eye



Dimensions				
F	T	L	H	
M14 x 1.5	M14 x 1.5	24	14	
M18 x 1.5	M18 x 1.5	30	20	
M22 x 1.5	M22 x 1.5	36	22	

0016-00 Bullone forato Gas

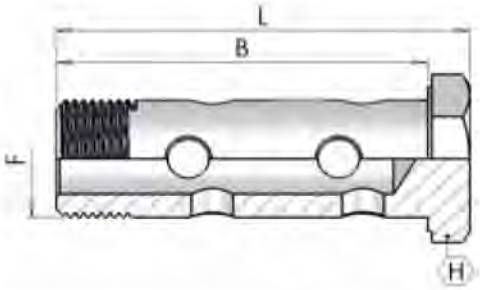
BSP perfored bolt



Dimensions				
F	B	L	H	
1/8"-28	19	24	14	
1/4"-19	29	34	19	
3/8"-19	33	41	22	
1/2"-14	38	46	27	
5/8"-14	44	54	30	
3/4"-14	47	56	32	
1"-11	58	69	38	

0016 Bullone forato doppio Gas

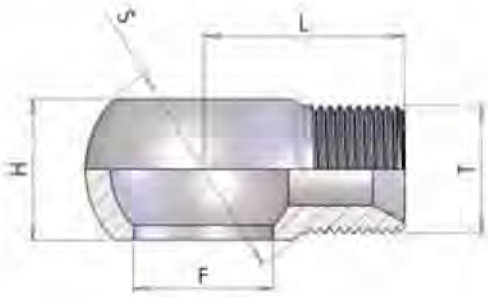
BSP double perfored bolt



Dimensions				
F	B	L	H	
1/4"-19	43	49	19	
3/8"-19	49	57	22	
1/2"-14	62	70	27	
3/4"-14	78	87	32	
1"-11	98	109	41	

5015 G Occhio filettato Gas

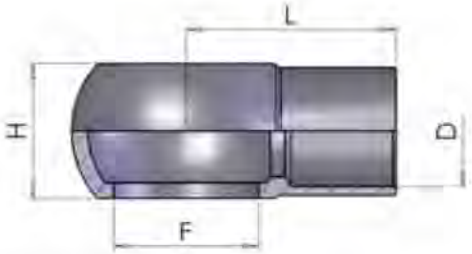
BSP threaded Banjo Eye



Dimensions				
F	T	L	H	S
1/4	1/4-19	24	14,5	24
3/8	1/4-19	26	17,0	28
3/8	3/8-19	28	17,0	28
3/8	1/2-14	28	22,0	28
1/2	3/8-19	30	22,0	36
1/2	1/2-14	32	22,0	36
3/4	1/2-14	47	29,0	45
3/4	3/4-11	38	29,0	45
1	3/4-11	45	28,0	58
1	1-11.5	51	38,0	58

5014 Occhio a saldare Gas

Weldable BSP Banjo Eye

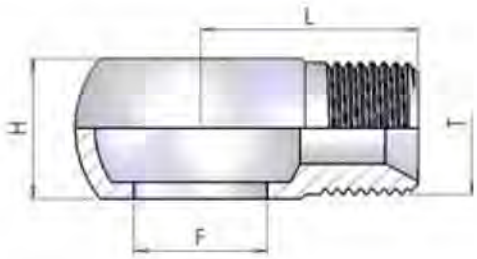


trattamento superficiale: non zincato
surface treatment: *without zinc plating*

Dimensions				
F	D	L	H	
1/4-13.5	6	23	15,0	
1/4-13.5	8	23	15,0	
1/4-13.5	10	23	15,0	
1/4-13.5	10	24	15,0	
3/8-16.7	10	28	17,0	
3/8-16.7	12	28	17,0	
1/2-21	15	32	22,0	
1/2-21	16	32	22,0	
3/4-26.5	20	41	29,0	
3/4-26.5	22	40	29,0	
1-33.3	27	50	38,0	

5015 Occhio filettato

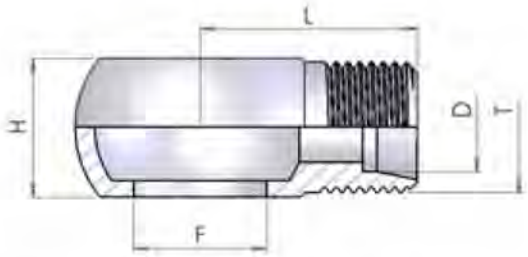
Threaded Banjo Eye



Dimensions				
F	T	L	H	
1/4	M14 x 1.5	24	14	
3/8	M18 x 1.5	26	18	

8015 Occhio filettato cono 24°

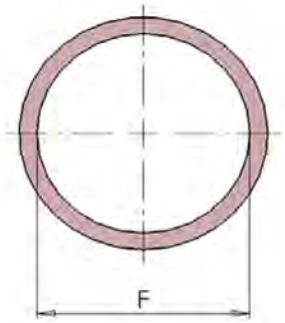
Threaded Banjo Eye 24° cone



Dimensions					
F	T	D	L	H	
3/8	M18 x 1.5	12	26	17	
3/8	M22 x 1.5	15	38	17	
1/2	M18 x 1.5	12	38	22	
1/2	M22 x 1.5	15	38	22	

00RM Rondella di Rame Metrica

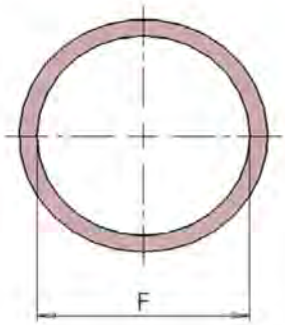
Metric copper washer



Dimensions		
F		
M6		
M8		
M10		
M12		
M14		
M16		
M18		
M20		
M20		
M22		
M26		
M28		
M30		

00RG Rondella di Rame BSP

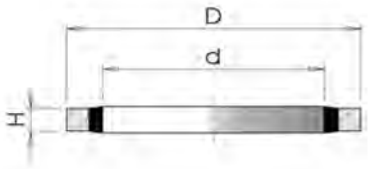
BSP copper washer



Dimensions		
F		
G 1/8"		
G 1/4"		
G 3/8"		
G 1/2"		
G 5/8"		
G 3/4"		
G 1"		
G 1.1/4"		
G 1.1/2"		
G 2"		

M0RB Rondella Metrica Bonded

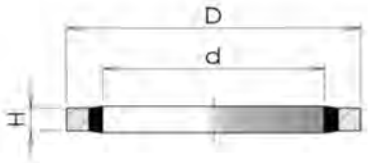
Metric Bonded Seal



Dimensions			
F	d	D	H
M5		8,4	1,2
M6		13,2	1,2
M8		14,2	1,2
M10		18,4	2,0
M14		22,2	2,0
M16		25,4	2,0
M18		26,9	2,3

00RB Rondella BSP Bonded

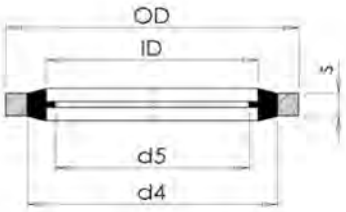
BSP Bonded Seal



Dimensions			
F	d	D	H
G 1/8"		14,0	2,0
G 1/4"		20,6	2,0
G 3/8"		23,9	2,0
G 1/2"		28,7	2,0
G 5/8"		31,8	2,0
G 3/4"		35,0	2,0
G 1"		42,9	2,5
G 1.1/4"		52,5	2,5
G 1.1/2"		58,7	3,2
G 2"		73,0	2,5

MARB Bonded Autocentranti Metrici

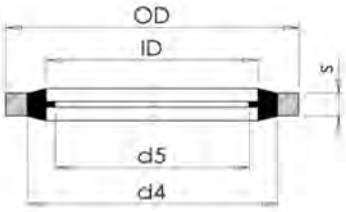
Metric Self-centering Bonded Seal



Dimension					Thread
ID	OD	d4	d5	s	
4,50	7,00	5,40	3,30	1,00	M4
8,70	14,00	10,40	6,40	1,00	M8
10,70	16,00	12,40	8,05	1,50	M10
12,70	18,00	14,40	10,20	1,50	M12
14,70	22,00	16,40	11,38	1,50	M14
16,70	24,00	18,40	13,41	1,50	M16
18,70	26,00	20,40	14,76	1,50	M18
20,70	28,00	22,50	16,76	1,50	M20
22,70	30,00	24,40	18,74	2,00	M22

GARB Bonded Autocentranti BSP

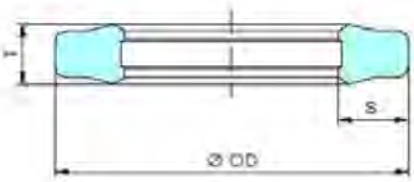
BSP Self-centering Bonded Seal



Dimension					Thread
ID	OD	d4	d5	s	
10,37	15,88	11,84	8,26	2,00	1/8
13,74	20,57	15,21	11,18	2,00	1/4
17,28	23,80	18,75	14,76	2,00	3/8
21,54	28,58	23,01	18,24	2,47	1/2
23,49	31,75	24,97	20,27	2,47	5/8
27,05	34,93	28,53	23,83	2,47	3/4
30,81	38,10	32,29	27,51	2,47	7/8
33,89	42,80	36,88	29,92	3,40	1
42,93	52,38	45,93	38,45	3,40	1.1/4
48,44	58,60	51,39	44,45	3,40	1.1/2
54,89	69,85	58,30	50,42	3,40	1.3/4
60,58	73,03	63,63	56,26	3,40	2
76,08	90,17	79,38	71,50	3,40	2.1/2

P0GP Guarnizione in poliuretano per flangie SAE J 518 (3000 PSI e 6000 PSI) e Flange Supercat

Polyurethane seal for SAE J 518 flange (3000 PSI and 6000 PSI) and 'Cat' flanges



Caratteristiche:

- Materiale sandard: Poliuretano PU41 - BLU - 93 shore A
- Temperature massima di impiego: - 30°C + 100°C
- Pressione massima esercizio 610 bar
- Buona resistenza all'abrasione
- Ottima resistenza all'estrusione
- Un basso set si compressione
- Il suo profilo offre un'ottima funzione sigillante
- Utilizzabile su superfici ruvide

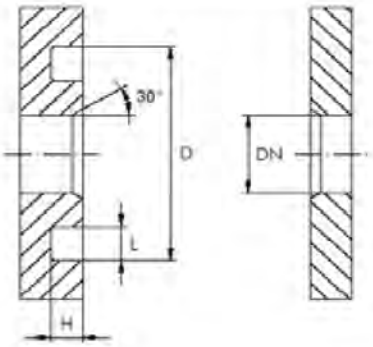
Features:

- *Standard material: Pu41 - Blue polyurethane 93 shore A*
- *Max temperature: - 30°C + 100°C*
- *Max working pressure 610 bar*
- *Good abrasion resistance*
- *Very high resistance to extrusion*
- *Low compression set*
- *The sealing edge offers a very good sealing functions*
- *Usable for rogh surface finish*

Dimensioni / Dimension

	Dimensioni *Dimension*		
size	OD	S	T
1/2"	25,5	3,8	3,4
3/4"	31,8	3,8	3,4
1"	39,6	3,8	3,4
1"1/4	44,5	3,8	3,4
1"1/2	53,8	3,8	3,4
2"	63,4	3,8	3,4

Dimensioni d'istallazione SAE
Installation SAE dimension



Raccomandazioni d'istallazione SAE
Installation SAE recommendations

	DN	D	H	L
size		*Min - Max*	*Min - Max*	*Min - Max*
1/2"	13	25,40 - 25,83	2,79 - 2,92	3,94 - 4,45
3/4"	19	31,75 - 31,88	2,79 - 2,92	3,94 - 4,45
1"	25	39,62 - 39,75	2,79 - 2,92	3,94 - 4,45
1"1/4	32	44,45 - 44,58	2,79 - 2,92	3,94 - 4,45
1"1/2	38	53,72 - 53,98	2,79 - 2,92	3,94 - 4,45
2"	51	63,25 - 62,50	2,79 - 2,92	3,94 - 4,45

Le guarnizioni standard sono fornite in NBR 70. Su richiesta è possibile richiederle in NBR 90, FPM e in EPDM

Standard seals are supplied in NBR 70. On request even in NBR 90, EPDM and FPM

Confronto fra diverse caratteristiche degli elastomeri
Comparison between different features of elastomers

Caratteristiche *Features*	Materiale / Materia		
	NBR	**FPM**	**EPDM**
Compression set *Compression set*	1	1	3
Resistenza alla lacerazione *Resistance to tearing*	2	2	3
Resistenza all'abrasione *Resistance to abrasion*	2	2-3	2
Resistenza all'invecchiamento *Resistance to ageing*	4	1	2
Resistenza all'ozono *Ozone resistance*	4	1	2
Resistenza all'olio e al grasso *Resistance to oil and greasy*	2	1	5
Resistenza ai combustibili *Resistance to combustibles*	4**	2**	5
Resistenza all'acqua calda (°C) *Resistance to hot water (°C)*	80**	80**	130
Resistenza al vapore (°C) *Resistance to steam (°C)*	-	-	130
Resistenza al calore materiali standard (°C) *Resistance to warmth standard materials (°C)*	100	200	130
Resistenza al calore materiali speciali (°C) *Resistance to warmth special materials (°C)*	120	-	-
Resistenza alle basse temperature materiali standard (°C) *Resistance to standard materials low temperature (°C)*	-30	-15	-45
Resistenza alle basse temperature materiali speciali (°C) *Resistance to special materials low temperature (°C)*	-50	-35	-

legenda:
legend:

1 - Ottima / 2 - buona / 3 - media / 4 - bassa / 5 - debole
* - breve durata / ** - risultato migliore solo con materiali speciali

1 - Excellent / 2 - good / 3 - medium / 4 - low / 5 - weak
** - short lenght / ** - best result only with special materials*

XGBO-BS-70 Box O-ring NBR 70 shore - British standard

ASTM D-2000 SAE J200

30 Sizes = 382 PIECES

Part Numbers	Nominal Sizes			Q.ty
	I/D	O/D	Section	nr.
8-2012	2,9	6,46	1,78	20
8-102	3,68	7,24	1,78	20
8-103	4,48	8,04	1,78	20
8-2021	5,28	8,84	1,78	20
8-105	6,07	9,63	1,78	20
8-107	7,65	11,21	1,78	20
8-110	9,25	12,81	1,78	20
8-3037	9,19	14,43	2,62	13
8-113	10,77	16,01	2,62	13
8-3050	12,37	17,61	2,62	13
8-118	13,94	19,18	2,62	13
8-3062	15,54	20,78	2,62	13
8-3068	17,12	22,36	2,62	13
8-124	18,72	23,96	2,62	13
8-4075	18,64	25,7	3,53	10

Part Numbers	Nominal Sizes			Q.ty
	I/D	O/D	Section	nr.
8-4081	20,22	27,28	3,53	10
8-4087	21,82	28,88	3,53	10
8-4083	23,39	30,45	3,53	10
8-4100	24,99	32,05	3,53	10
8-4106	26,57	33,63	3,53	10
8-4112	28,17	35,23	3,53	10
8-29.74X3.53	29,74	36,8	3,53	10
8-4125	31,34	38,4	3,53	10
8-4131	32,92	39,98	3,53	10
8-4137	34,52	41,58	3,53	10
8-4143	36,09	43,15	3,53	10
8-37.69X3.53	37,69	44,75	3,53	10
8-6150	37,47	48,13	5,33	7
8-6162	40,64	51,3	5,33	7
8-6175	43,82	54,48	5,33	7

XHBO-MS-70 Box O-ring NBR 70 shore - Metric standard

ASTM D-2000 SAE J200

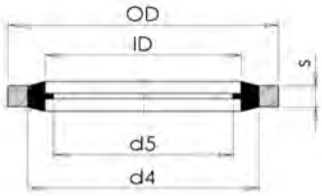
30 Sizes = 404 PIECES

Part Numbers	Nominal Sizes			Q.ty
	I/D	O/D	Section	nr.
8-3X2	3	7	2	18
8-4X2	4	8	2	18
8-5X2	5	9	2	18
8-6X2	6	10	2	18
8-7X2	7	11	2	17
8-8X2	8	12	2	17
8-10X2	10	14	2	17
8-10X2.5	10	15	2,5	14
8-11X2.5	11	16	2,5	14
8-12X2.5	12	17	2,5	14
8-14X2.5	14	19	2,5	14
8-16X2.5	16	21	2,5	14
8-17X2.5	17	22	2,5	14
8-19X2.5	19	24	2,5	14
8-19X3	19	25	3	12

Part Numbers	Nominal Sizes			Q.ty
	I/D	O/D	Section	nr.
8-20X3	20	26	3	12
8-22X3	22	28	3	12
8-24X3	24	30	3	12
8-25X3	25	31	3	12
8-27X3	27	33	3	12
8-28X3	28	34	3	12
8-30X3	30	36	3	12
8-32X3	32	38	3	12
8-33X3	33	39	3	12
8-35X3	35	41	3	12
8-36X3	36	42	3	12
8-38X3	38	44	3	12
8-38X4	38	46	4	9
8-42X4	42	49	4	9
8-45X4	45	52	4	9

XBGBO Kit bonded autocentranti - BSP

BSP - Self-centering bonded seal kit



Thread	Dimension					Q.ty
	ID	OD	d4	d5	s	nr.
1/8	10,37	15,88	11,84	8,26	2,00	100
1/4	13,74	20,57	15,21	11,18	2,00	100
3/8	17,28	23,80	18,75	14,76	2,00	100
1/2	21,54	28,58	23,01	18,24	2,47	100
3/4	27,05	34,93	28,53	23,83	2,47	50
1	33,89	42,80	36,88	29,92	3,40	50

SAE-BLOC Sistema di trattenimento per Tubi Flessibili in Pressione

Retention System for Pressure Hoses

RACCORDI CONICI A 24° (DIN)
24° cone connectors (DIN)

CODICE CODE	ø mm ø inches	SP./TH mm inches	L. mm inches	Nr. Pezzi No. of PCS	P. Max di lav.[1] Max operating P. bar - psi	Piastrina incisione Cutting Plate
DIN145	14,5 *0,571*	2 *0,079*	300 *11,811*	10	450 *6525*	small
DIN17	17 *0,669*	2 *0,079*	300 *11,811*	10	445 *6453*	small
DIN185	18,5 *0,728*	2 *0,079*	300 *11,811*	10	420 *6090*	small
DIN205	20,5 *0,807*	2 *0,079*	300 *11,811*	10	420 *6090*	small
DIN225	22,5 *0,886*	2 *0,079*	300 *11,811*	10	420 *6090*	small
DIN245	24,5 *0,965*	2 *0,079*	300 *11,811*	10	420 *6090*	small
DIN265	26,5 *1,043*	2 *0,079*	300 *11,811*	10	420 *6090*	small
DIN305	30,5 *1,201*	2,5 *0,098*	300 *11,811*	10	420 *6090*	small
DIN34	34 *1,339*	2,5 *0,098*	450 *17,717*	10	420 *6090*	large
DIN365	36,5 *1,437*	2,5 *0,098*	450 *17,717*	10	420 *6090*	large
DIN425	42,5 *1,673*	2,5 *0,098*	450 *17,717*	10	420 *6090*	large
DIN455	45,5 *1,791*	2,5 *0,098*	450 *17,717*	10	420 *6090*	large
DIN49	49 *1,929*	2,5 *0,098*	450 *17,717*	10	420 *6090*	large
DIN525	52,5 *2,067*	2,5 *0,098*	450 *17,717*	10	385 *5583*	large
DIN60	60 *2,362*	2,5 *0,098*	450 *17,717*	10	350 *5075*	large

1 Intesa come pressione MAX di lavoro del sistema di trattenimento.
1 Intended as the MAX operating pressure of the retention system.
* Applicazioni con flange SAE 3000 per tubi da 3/4".
* Applications with SAE 3000 flanges for 3/4" hoses

FASCETTE PER TUBO FLESSIBILE
Hose bands

CODICE CODE	ø M	ø MIN		ø MAX		Nr. Pezzi No. of PCS
		mm	inches	mm	inches	
FA11115	M6	11	*0,433*	11,5	*0,453*	10
FA12125	M6	12	*0,472*	12,5	*0,492*	10
FA13135	M6	13	*0,512*	13,5	*0,531*	10
FA1415	M6	14	*0,551*	15	*0,591*	10
FA1617	M6	16	*0,630*	17	*0,669*	10
FA1718	M6	17	*0,669*	18	*0,709*	10
FA1819	M6	18	*0,709*	19	*0,748*	10
FA2021	M6	20	*0,787*	21	*0,827*	10
FA2122	M6	21	*0,827*	22	*0,866*	10
FA2223	M6	22	*0,866*	23	*0,906*	10
FA2425	M6	24	*0,945*	25	*0,984*	10
FA2526	M6	25	*0,984*	26	*1,024*	10
FA2627	M6	26	*1,024*	27	*1,063*	10
FA2728	M6	27	*1,063*	28	*1,102*	10
FA2829	M6	28	*1,102*	29	*1,142*	10
FA3031	M6	30	*1,181*	31	*1,220*	10
FA3233	M6	32	*1,260*	33	*1,299*	10
FA3435	M6	34	*1,339*	35	*1,378*	10
FA3637	M6	36	*1,417*	37	*1,457*	10
FA3839	M6	38	*1,496*	39	*1,535*	10
FA3940	M6	39	*1,535*	40	*1,575*	10
FA4041	M6	40	*1,575*	41	*1,614*	10
FA4243	M6	42	*1,654*	43	*1,693*	10
FA4344	M6	43	*1,693*	44	*1,732*	10
FA4445	M6	44	*1,732*	45	*1,772*	10
FA4547	M8	45	*1,772*	47	*1,850*	10
FA4850	M8	48	*1,890*	50	*1,969*	10
FA5153	M8	51	*2,008*	53	*2,087*	10
FA5354	M8	53	*2,087*	54	*2,126*	10
FA5456	M8	54	*2,126*	56	*2,205*	10
FA5759	M8	57	*2,244*	59	*2,323*	10
FA6062	M8	60	*2,362*	62	*2,441*	10
FA6365	M8	63	*2,480*	65	*2,559*	10
FA6668	M8	66	*2,598*	68	*2,677*	10
FA6971	M8	69	*2,717*	71	*2,795*	10
FA7274	M8	72	*2,835*	74	*2,913*	10
FA7577	M8	75	*2,953*	77	*3,031*	10
FA7880	M8	78	*3,071*	80	*3,150*	10
FA8183	M8	81	*3,189*	83	*3,268*	10
FA8486	M8	84	*3,307*	86	*3,386*	10
FA8789	M8	87	*3,425*	89	*3,504*	10
FA9092	M8	90	*3,543*	92	*3,622*	10
FA9395	M8	93	*3,661*	95	*3,740*	10

MPSP

Spirale Metallica Piatta

Armour Guard

Spessore / Thickness: 0,8 mm
Larghezza / Width: 7 mm
Passo / Pitch: 9 mm
Protezione / Protection: Zinc-tropicaliz.
Quantitativo Min. / Min. Quantity: 4 mt.

ID	Lenght
13	4 MT.
15	4 MT.
16	4 MT.
17	4 MT.
18	4 MT.
20	4 MT.
22	4 MT.
24	4 MT.
26	4 MT.
28	4 MT.
30	4 MT.
32	4 MT.
34	4 MT.
38	4 MT.
40	4 MT.
41	4 MT.
42	4 MT.
47	4 MT.
48	4 MT.
49	4 MT.
52	4 MT.
54	4 MT.
58	4 MT.
60	4 MT.
68	4 MT.
72	4 MT.

MWSP

Spirale Metallica Tonda

Wire Guard

Protezione / Protection: Zinc-tropicaliz.
Quantitativo Min. / Min. Quantity: 4 mt.

ID	wire	lenght
13	2	4 MT.
15	2	4 MT.
16	2	4 MT.
16,5	2	4 MT.
18	2	4 MT.
20	2	4 MT.
22	2	4 MT.
24	2	4 MT.
26	2	4 MT.
28	2	4 MT.
30	2	4 MT.
32	3	4 MT.
34	3	4 MT.
38	3	4 MT.
40	3	4 MT.
41	3	4 MT.
42	3	4 MT.
52	3	4 MT.
54	3	4 MT.
58	3	4 MT.
60	3	4 MT.
72	3	4 MT.

NBMA

Manopole (Blu)

Handle (Blue)

I.D.	lenght
*	*
15	120
18	130
21	130

NNMA Manopole (Nere)

Handle (Black)

I.D.	lenght
*	*
15	120
18	130
21	130

PBSA Piattina Plastica Nera 'Basic'

Armour Guard Black 'Basic'

Materiale: Polietilene ad alta densità

Material: *High-density polyethylene*

Temperatura Max / Max temperature: *+ 70°C*

I.D. (mm.)	lenght (mt.) **	pitch (mm.)
08	50	15
12	50	15
16	50	15
20	50	20
27	50	26
36	50	30
44	50	40
56	20	40
67	20	48
80	20	48
100	12	55

** - Lunghezza rotoli variabile / Variable coils length

IMPIEGO: La piattina in plastica nera "Basic" consente di proteggere il tubo (singolo o anche in fasci) da urti, abrasioni e contatti non voluti che potrebbero danneggiare la copertura. Viene applicata principalmente tagliandone un tratto della stessa lunghezza del tubo libero o in lunghezze anche minori, libera di scorrere sulla copertura esterna.

APPLICATION: Armour Guard Black "Basic" allows an outer hose protection against shocks, abrasion or any possible damage from cover compound contact (suitable both for single hose line and hose bunches). Usually applied cutting from coil the same length than the free assembled hose; as also with shorter lengths, free to be moved along hose line.

PBSK **Piattina Plastica Nera 'Endurance'**

Armour Guard Black 'Endurance'

Resistenza all'abrasione / Resistance to abrasion

Temperatura / Temperature: *from -20°C to + 85°C*

Specifiche applicabili/Applicable specs.: *Exceed ISO 6945*

I.D. (mm.)	lenght (mt.) **	pitch (mm.)
6,35	12	6,35
7,5	12	6,35
9,5	12	6,35
12,7	12	13
16,0	12	13
19,0	12	16
25,4	12	16
28,0	12	25
35,0	12	25
45,0	12	25
47,5	12	35
65,0	12	35
80,0	12	35
90,0	12	35
100,0	12	35

** - Lunghezza rotoli variabile / Variable coils length

IMPIEGO: La piattina in plastic nera "Endurance" consente di proteggere il tubo (singolo o anche in fasci) da urti, abrasioni e contatti non voluti che potrebbero danneggiare la copertura. Può essere applicata tagliandone un tratto della stessa lunghezza del tubo libero: ulteriore vantaggio è quello della presenza di alette interne che consentono un "grip" in grado di mantenere una eventuale lunghezza anche minore in posizione definita, quale potrebbe essere il solo tratto di possibile sfregamento esterno.

APPLICATION: Armour Guard Black "Endurance" allows an outer hose protection against shocks, abrasion or any possible damage from cover compound contact (suitable both for single hose line and hose bunches). It could be applied cutting from coil the same length than the free assembled hose: with further advantage given from different internal profile, with additional "grip", able to fix a shorter length of protection (even not all along hose line length) only where damage from contact has higher probability to occur.

RSTP Calza Tessile di Protezione

Textile Protection Sleeve

Punto di fusione: 185 °C
Melting Point: 185 °C

Insolubile in acqua / Insoluble in water

Resistenza al vapore: fino a 105 °C
Resistance to the dry heat: *up to 105 °C*

Resistenza chimica: Buona resistenza agli acidi ad alta concentrazione ed agli alcalini come ai normali solventi

Chemical Resistance: *Good resistance to strongly concentrates acids and to alkaline ones like to the normal solvents*

Resistenza ai raggi UV: Nel polimero base sono presenti stabilizzanti per i raggi UV
Resistance to UV Rays: *Stabilizing to UV rays are present in the basic polymer*

Larghezza in posizione piatta		Roll	Kg
mm	Ø int.	lenght (mt.)	Weight (g/mt)
35	**20**	100	27
40	**22**	100	32
45	**25**	100	34
50	**28**	100	38
55	**32**	100	42
60	**35**	100	45
65	**38**	100	48
80	**45**	100	60
90	**50**	100	65
120	**70**	100	96
150	**90**	100	112

IMPIEGO: Ideale per raggruppare e proteggere fasci di tubi, economizzare lo spazio, proteggere gli operatori da possibili fallimenti dell'assemblato. Protegge dall'abrasione e dall'usura. Limitata protezione da scoppio o perdita dell'assemblato.

APPLICATION: To group, bundle and protect several hoses in order to improve space utilisation, protect equipment and operators form injury due to hose failure. Protects hose from abrasion and degradation. Offers limited protection from the effects of hose bursting and pinhole occurrences.

085GP Guaina nera in PVC

PVC Covering

Caratteristiche:

- Guaina in PVC;
- Alta resistenza all'usura ed all'abrasione;
- Alta resistenza allo strappo e alla lacerazione;
- Capacità ottimale di ammortizzazione;
- Flessibilità ottimale anche alle basse temperature;
- Alta resistenza ad olio, grassi, agli idrocarburi alifatici, ossigeno ed ozono;
- Temperature di impiego Consigliate: da -20°C a +40°C.

Features:

- *Covering made of PVC;*
- *High resistant to wear and abrasion;*
- *High resistant to tear and rending;*
- *Optimum powers of amortization;*
- *Optimum flexibility even to low temperatures;*
- *High resistant to oils, greases, alipaphatic hydrocarbons, oxygen and ozone;*
- *Recommended using temperature: from -20°C to +40°C.*

		Roll	Kg
ID (mm)	**OD** (mm)	**lenght** (mt)	**Weight** (Kg/m)
15	17	100	0,060
17	19	100	0,070
22	24	100	0,085
26	28	100	0,100
28	30	100	0,110
30	32	100	0,115
34	36	100	0,135
40	42	100	0,155
60	62	100	0,230

IMPIEGO: Particolarmente indicata per raggruppare fasci di tubi. Protezione contro raggi UV. Protezione da usura e abrasione. Impermeabile a solventi, oli, etc.

APPLICATION: To wrap and bundle hoses. The wrap protects hoses from UV rays. The heavy wall protects the hose. The wrap offers maximum protection against crushing or abrasion. It is impervious to solvents and oils, etc.

Tappi di protezione
Protection plugs

Tappo maschio
Male plug

Filetto/Thread				
UNF/UN	BSPP/BSPT	NPTF	ORFS	METRIC
	1/8"-28	1/8"-27		M10X1,5
7/16"-20				
1/2"-20	1/4"-19	1/4"-18		M12X1,5
9/16"-18			9/16"-18	M14X1,5
5/8"-18	3/8"-19	3/8"-18		M16X1,5
			11/16"-16	M18X1,5
3/4"-16				
	1/2"-14	1/2"-14		M20X1,5
			13/16"-16	
7/8"-14	5/8"-14			M22X1,5
			1"-14	
				M24X1,5
1.1/16"-12	3/4"-14	3/4"-14		M26X1,5
1.3/16"-12			1.3/16"-12	M30X1,5
				M30X2
				M33X1,5
1.5/16"-12	1"-11	1"-11.1/2		
				M36X1,5
				M36X2
			1.7/16"-12	
				M38X1,5
1.5/8"-12				
	1.1/4"-11	1.1/4"-11.1/2		
				M42X1,5
			1.11/16"-12	M42X2
				M45X1,5
				M45X2
1.7/8"-12	1.1/2"-11	1.1/2"-11.1/2		
			2"-12	
				M52X2
	2"-11	2"-11.1/2		
2.1/2"-12				

Tappi di protezione
Protection plugs

Tappo Femmina
Female plug

Filetto/Thread				
UNF/UN	BSPP/BSPT	NPTF	ORFS	METRIC
	1/8"-28	1/8"-27		M10X1,5
7/16"-20				
				M12X1,5
1/2"-20				
	1/4"-19	1/4"-18		
9/16"-18			9/16"-18	M14X1,5
5/8"-18				
				M16X1,5
	3/8"-19	3/8"-18		
			11/16"-16	
				M18X1,5
3/4"-16				
				M20X1,5
	1/2"-14	1/2"-14	13/16"-16	
7/8"-14				M22X1,5
	5/8"-14			
				M24X1,5
			1"-14	
1.1/16"-12	3/4"-14	3/4"-14		M26X1,5
1.3/16"-12			1'3/16	M30X1,5
				M30X2
				M33X1,5
1.5/16"-12	1"-11	1"-11.1/2		
				M36X1,5
				M36X2
			1.7/16"-12	
				M38X1,5
1.5/8"-12				
	1.1/4"-11	1.1/4"-11.1/2		M42X1,5
				M42X2
			1.11/16"-12	
				M45X1,5
				M45X2
1.7/8"-12	1'1/2	1.1/2"-11.1/2		
			2"-12	
				M52X2
	2"-11	2"-11.1/2		
2.1/2"-12				

Tappi di protezione
Protection plugs

Tappo per flange SAE 3000
Plug for flange SAE 3000


Size
1/2
3/4
1
1.1/4
1.1/2
2
2.1/2

Tappo per flange SAE 6000
Plug for flange SAE 6000


Size
1/2
3/4
1
1.1/4
1.1/2
2

Tappo per occhi BSP
Plug for BSP banjo


Size
1/4
3/8
1/2

BSTM

Tamponi passa/non passa

Go/Not go double gauges

Tubo
3/16"
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
1"
1.1/4"
Kit 3/16"-1.1/4"
1.1/2"
2"
Kit 3/16"-2"

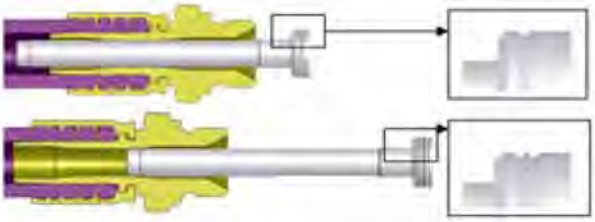
Dati Tecnici:

Technical data:

Dati Tecnici	Technical data
Materiale:	acciaio
Material:	steel
trattamento superficiale:	nichelato
surface treatment:	*nichel plated*

Istruzioni d'utilizzo

User instructions



PRESSATURA NON CORRETTA:

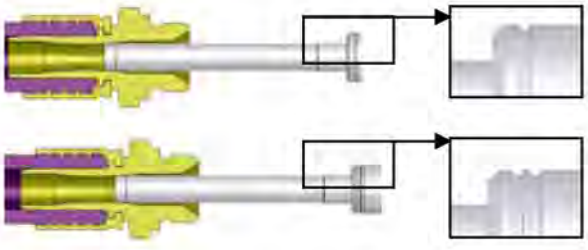
La pressatura non è sufficiente.
Sia la parte "Passa" (lato con una linea) che la parte "Non passa" (lato con due linee) non vengono bloccate dall'inserto non deformato a sufficienza.

Diminuire il diametro di pressatura ad intervalli di 0,1 mm fino a pressatura sufficiente.

UNCORRECT SWAGING:

Swaging phase is not rightly made.
Both "Go" side (signed with one line) and "Not go" side (signed with two lines) are not stopped from internal deformation of insert.

Decrease swaging diameter (0,1 mm each step) until right swaging dimension.

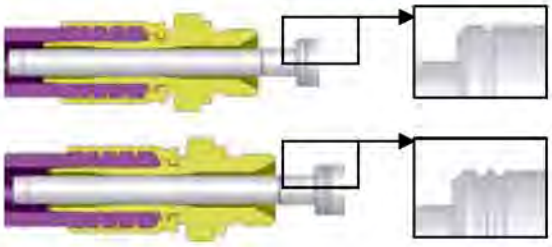


PRESSATURA CORRETTA:

- La pressatura è sufficiente.
- La parte "Passa" del tampone (lato con una linea) non viene bloccata dalla deformazione dell'inserto.
- La parte "Non Passa" del tampone (lato con due linee) viene correttamente bloccata dall'inserto deformato a sufficienza.

CORRECT SWAGING:

- *Swaging phase is rightly made.*
- *"Go" side (signed with one line) is not stopped from internal deformation of insert.*
- *"Not Go" side (signed with two lines) is correctly stopped from internal deformation of insert.*



PRESSATURA NON CORRETTA:

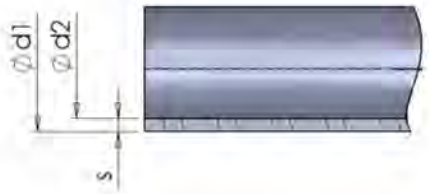
- La pressatura del raccordo è eccessiva.
- Sia la parte "Passa" (lato con una linea) che la parte "Non passa" (lato con due linee) vengono bloccate a causa di una eccessiva deformazione dell'inserto.
- L'eccessiva deformazione non garantisce il corretto funzionamento del tubo raccordato.

UNCORRECT SWAGING:

- *Item has been too swaged.*
- *Both "Go" side (signed with one line) and "Not go" side (signed with two lines) are stopped from too high internal deformation of insert.*
- *Too high change of internal shape cannot guarantee right performance on application.*

Tubi metrici per impianti oleodinamici

Metric tubes for oleodynamic plants



trattamento superficiale: non zincato
surface treatment: *without zinc plating*

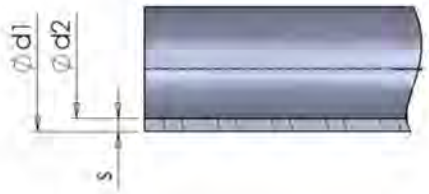
Series	part number	Rated pressure	Dimensions		Weight
		bar	S - thickness	Ød1 x Ød2	Kg. x Mt.
LL	4LL TU.4x1	522	1,0	4x2	0,074
	6LL TU.6x1	542	1,0	6x4	0,123
	8LL TU.8x1	392	1,0	8x6	0,173
	10LL TU.10x1	307	1,0	10x8	0,222
	12LL TU.12x1.5	392	1,5	12x9	0,388
L	6L TU.6x1	542	1,0	6x4	0,123
	8L TU.8x1	392	1,0	8x6	0,173
	10L TU.10x1	307	1,0	10x8	0,222
	10L TU.10x1.5	481	1,5	10x7	0,314
	12L TU.12x1.5	392	1,5	12x9	0,388
	15L TU.15x1.5	307	1,5	15x12	0,499
	15L TU.15x2	421	2,0	15x11	0,641
	18L TU.18x1.5	252	1,5	18x15	0,61
	18L TU.18x2	344	2,0	18x14	0,789
	22L TU.22x2	276	2,0	22x18	0,986
	28L TU.28x2	214	2,0	28x24	1,28
	35L TU.35x3	260	3,0	35x29	2,37
	42L TU.42x3	214	3,0	42x36	2,89
S	6S TU.6x1.5	549	1,5	6x3	0,166
	6S TU.6x2	692	2,0	6x2	0,197
	8S TU.8x1.5	622	1,5	8x5	0,24
	8S TU.8x2	881	2,0	8x4	0,296
	10S TU.10x1.5	481	1,5	10x7	0,314
	10S TU.10x2	671	2,0	10x6	0,395
	12S TU.12x2	542	2,0	12x8	0,493
	12S TU.12x2.5	660	2,5	12x7	0,586
	14S TU.14x2	455	2,0	14x10	0,592
	14S TU.14x3	729	3,0	14x8	0,814
	16S TU.16x2	392	2,0	16x12	0,691
	16S TU.16x2.5	504	2,5	16x11	0,832
	20S TU.20x2.5	392	2,5	20x15	1,08
	20S TU.20x3	481	3,0	20x14	1,26
	25S TU.25x2.5	307	2,5	25x20	1,39
	25S TU.25x4	517	4,0	25x17	2,07
	30S TU.30x3	307	3,0	30x24	2
	30S TU.30x4	421	4,0	30x22	2,56
	38S TU.38x5	415	5,0	38x28	4,07

Per il codice dei tubi metrici per impianti oleodinamici ZINCATI, aggiungere al codice non zincato una "z".
Esempio: TU.6x1 (NON zincato) - TU.6x1Z (zincato).

Concerning metric hoses code for ZINC PLATED fluid line industry plants add "z" to no zinc-plating code.
Example: TU.6x1 (without zinc plating) - TU.6x1Z (zinc plating).

Tubi Gas per impianti oleodinamici

"Gaz" tubes for oleodynamic plants



trattamento superficiale: non zincato
surface treatment: *without zinc plating*

Series	part number	Rated pressure	Dimensions		Weight
		bar	S - thickness	Ød1 x Ød2	Kg. x Mt.
1/4"	**TU.8x13**	528	2,25	13,25x8,75	0,61
3/8"	**TU.12x17**	397	2,25	16,75x12,25	0,815
1/2"	**TU.15x21**	382	2,75	21,25x15,75	1,25
3/4"	**TU.20x27**	296	2,75	26,75x21,25	1,63
1"	**TU.26x34**	278	3,25	33,5x27	2,42
1"1/4	**TU.33x42**	216	3,25	42,25x35,75	3,13
1"1/2	**TU.40x49**	203	3,5	48,25x41,25	3,86

Per il codice dei tubi metrici per impianti oleodinamici ZINCATI, aggiungere al codice non zincato una "z".
Esempio: TU.6x1 (NON zincato) - TU.6x1Z (zincato).

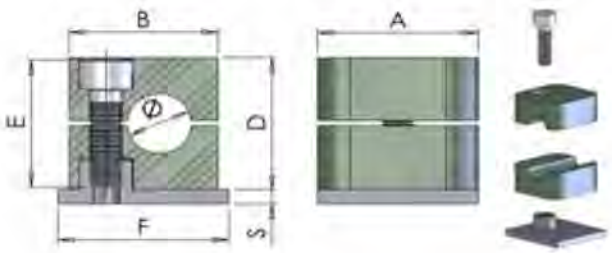
Concerning metric hoses code for ZINC PLATED fluid line industry plants add "z" to no zinc-plating code.
Example: TU.6x1 (without zinc plating) - TU.6x1Z (zinc plating).

N.B. - Per via dell'ingombro dell'articolo, il trasporto è da considerarsi sempre a carico del destinatario.
Note - Due to overall dimensions of the item freight charges are always paid by the adressee.

PXCS Collari serie standard in Polipropilene

Standard clamps in Polypropilene

TIPO 0

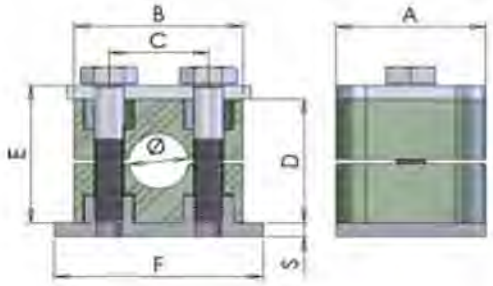


TIPO 1-6

Ø Tubo *Ø Tube*			Tipo *Type*	Dimensioni *Dimension*						
	Poll./*Inch*			A	B	C	D	F	S	E
mm	Gas	O.D.	X	mm						
6,0 8,0 10,0 12,0	1/8"	5/16"	0	30	28	-	27	32	3	M 6x20
6,0 6,4 8,0 9,5 10,0 12,0	1/8"	1/4" 5/16" 3/8"	1	30	34	20	27	42	3	M 6x20
12,7 13,5 14,0 15,0 16,0 17,2 18,0 19,0	1/4" 3/8"	1/2" 5/8" 3/4"	2	30	40	26	33	48	3	M 6x25
19,0 20,0 21,3 22,0 25,0 25,4	1/2"	3/4" 7/8" 1"	3	30	48	33	35	55	3	M 6x30
26,9 28,0 30,0 32,0	3/4"	1.1/4"	4	30	57	40	42	62	3	M 6x35
32,0 33,7 35,0 38,0 40,0 42,0 42,4 45,0	1" 1.1/4"	1.1/4" 1.1/2"	5	30	68	52	58	74	3	M 6x50
44,5 48,3 50,8	1.1/2"	1.1/4" 2"	6	30	86	66	66	88	3	M 6x60

PXCP Collari serie standard con piastra superiore in Polipropilene

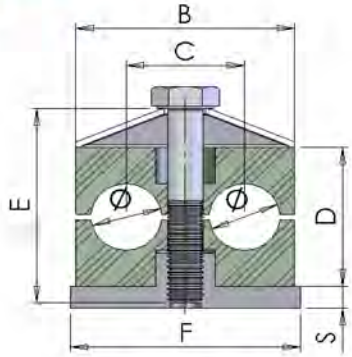
Standard clamps with upper plate in Polypropilene

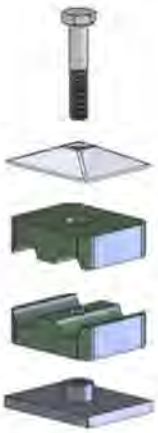


Ø Tubo *Ø Tube*			Tipo *Type*	Dimensioni *Dimension*						
	Poll./*Inch*			A	B	C	D	F	S	E
mm	Gas	O.D.	X	mm						
6,0 6,4 8,0 9,5 10,0 12,0	1/8"	1/4" 5/16" 3/8"	1	30	34	20	27	42	3	M 6x30
12,7 13,5 14,0 15,0 16,0 17,2 18,0 19,0	1/4" 3/8"	1/2" 5/8" 3/4"	2	30	40	26	33	48	3	M 6x35
19,0 20,0 21,3 22,0 25,0 25,4	1/2"	3/4" 7/8" 1"	3	30	48	33	35	55	3	M 6x40
26,9 28,0 30,0 32,0	3/4"	1.1/4"	4	30	57	40	42	62	3	M 6x45
32,0 33,7 35,0 38,0 40,0 42,0 42,4 45,0	1" 1.1/4"	1.1/4" 1.1/2"	5	30	68	52	58	74	3	M 6x60
44,5 48,3 50,8	1.1/2"	1.1/4" 2"	6	30	86	66	66	88	3	M 6x70

PXCD Collari doppi in Polipropilene

Double Polypropilene Clamps

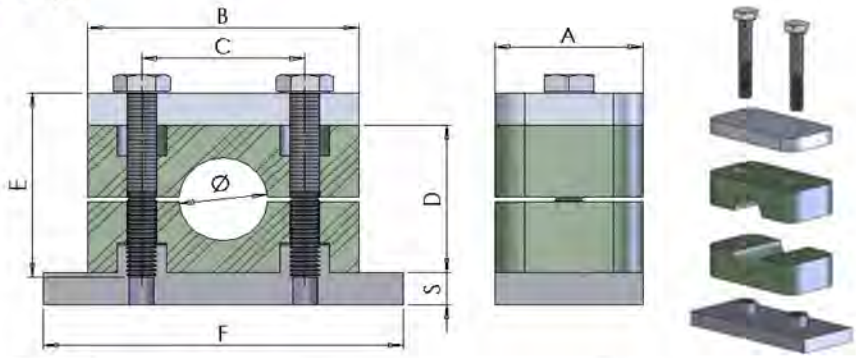




Ø Tubo *Ø Tube*			Tipo *Type*	Dimensioni *Dimension*						
	Poll./*Inch*			A	B	C	D	F	S	E
mm	Gas	O.D.	X	mm						
6,0 6,4 8,0 9,5 10,0 12,0	 1/8"	1/4" 5/16" 3/8"	1	30	37	20	25	37	3	M 6x35
12,7 13,5 14,0 15,0 16,0 17,2 18,0	1/4" 3/8"	1/2" 5/8"	2	30	53	29	26	55	5	M 6x35
19,0 20,0 21,3 22,0 25,0 25,4	 1/2"	3/4" 7/8" 1"	3	30	67	36	37	70	5	M 6x45
26,9 28,0 30,0	3/4"		4	30	82	45	42	85	5	M 6x50
32,0 33,7 35,0 38,0 40,0 42,0 42,4	 1" 1.1/4"	1.1/4" 1.1/2"	5	30	106	56	54	110	5	M 6x60

PXCH Collari serie pesante in Polipropilene

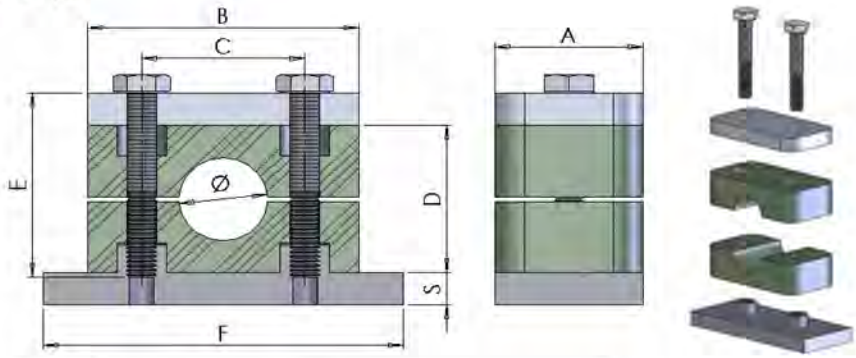
Heavy duty Polypropilene Clamps



Ø Tubo *Ø Tube*			Tipo *Type*	Dimensioni *Dimension*						
	Poll./*Inch*			A	B	C	D	F	S	E
mm	Gas	O.D.	X	mm						
6,0										
6,4		1/4"								
8,0		5/16"								
9,5		3/8"								
10,0	1/8"									
12,0										
12,7		1/2"	**1**	30	55	33	32	73	8	M 6x35
13,5	1/4"									
14,0										
15,0										
16,0		5/8"								
17,2	3/8"									
18,0										
19,0		3/4"								
20,0										
21,3	1/2"									
22,0		7/8"								
25,0			**2**	30	70	45	48	85	8	M 6x35
25,4		1"								
26,9	3/4"									
28,0										
30,0										
30,0										
32,0		1.1/4"								
33,7	1"									
35,0										
38,0		1.1/2"	**3**	30	85	60	60	10	8	M 6x45
40,0										
42,0										
42,4	1.1/4"									
38,0		1.1/2"								
42,0										
42,4	1.1/4"		**4**	45	120	90	90	140	10	M 12x100
44,5		1.3/4"								
48,3	1.1/2"									

PXCH Collari serie pesante in Polipropilene

Heavy duty Polypropilene Clamps

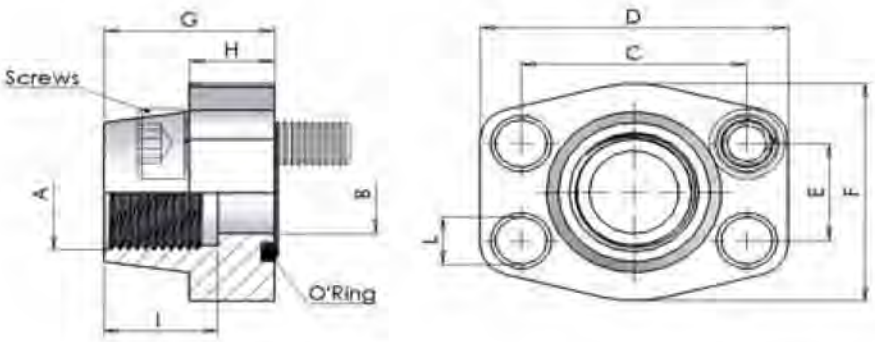


Ø Tubo *Ø Tube*			Tipo *Type*	Dimensioni *Dimension*						
	Poll./*Inch*			A	B	C	D	F	S	E
mm	Gas	O.D.	X	mm						
50,0										
50,8		2"								
55,0										
57,0		2.1/4"								
60,3	2"		**4**	45	120	90	90	140	10	M 12x100
63,5		2.1/2"								
65,0										
70,0		2.3/4"								
65,0										
70,0										
75,0										
76,1	2.1/2"	3"	**5**	60	152	122	120	180	10	M 16x130
80,0										
82,5		3.1/4"								
88,9	3"	3.1/2"								
89,9	3"	3.1/2"								
100,0										
101,6	3.1/2"	4"								
108,0		4.1/4"	**6**	80	205	168	170	225	15	M 20x190
114,3	4"	4.1/2"								
127,0	4.1/2"	5"								
133,0		5.1/2"								
133,0		5.1/4"								
139,7	5"	5.1/2"								
152,4	5.1/2"	6"	**7**	90	250	205	200	270	15	M 24x220
165,0		6.1/2"								
168,3	6"									
168,3	6"									
177,8		7"								
193,7		7.5/8"	**8**	120	320	265	270	340	25	M 30x300
216,0		8.1/2"								
219,1	8"									

03FG
06FG

Flange Filettate BSP

BSP Threaded Flanges

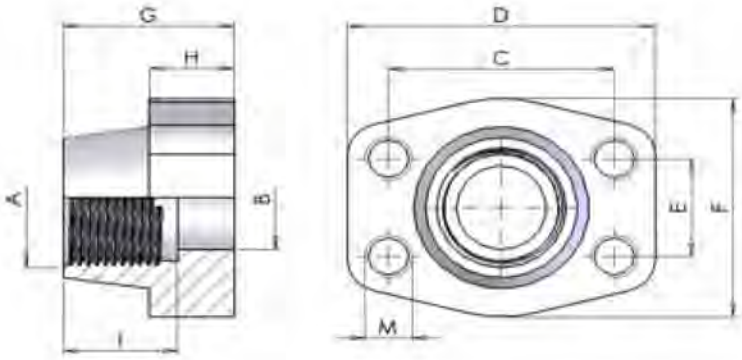


max pressure	SAE	Dimensions										Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	Metric	Unc	type
		3000 psi												
345	1/2"	1/2" GAS	13	38,10	57	17,48	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	13	38,10	57	17,48	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	19	47,63	65	22,23	50	36	18	19	11	M10x35	3/8x1"1/2	4100
	3/4"	1/2" GAS	13	47,63	65	22,23	50	36	18	19	11	M10x35	3/8x1"1/2	4100
	1"	1" GAS	25	52,37	70	26,19	55	38	18	22	11	M10x35	3/8x1"1/2	4131
	1"	3/4" GAS	19	52,37	70	26,19	55	35	21	19	11	M10x40	3/8x1"1/2	4131
276	1"1/4	1"1/4 GAS	32	58,72	79	30,18	68	40	21	22	11,5	M10x40	7/16x1"3/4	4150
	1"1/4	1" GAS	25	58,72	81	30,18	65	42	25	24	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	1"1/2 GAS	38	69,85	93	35,71	78	45	25	24	13,5	M12x45	1/2x1"3/4	4187
	1"1/2	1"1/4 GAS	32	69,85	95	35,71	78	45	27	24	13,5	M12x45	1/2x1"3/4	4187
	2"	2" GAS	51	77,77	102	42,88	90	45	25	30	13,5	M12x45	1/2x1"3/4	4225
	2"	1"1/2 GAS	38	77,77	102	42,88	90	45	25	26	13,5	M12x45	1/2x1"3/4	4225
172	2"1/2	2"1/2 GAS	63	88,90	114	50,80	105	50	25	30	13,5	M12x45	1/2x1"3/4	4275
173	2"1/2	2" GAS	51	88,90	114	50,80	105	50	25	30	13,5	M12x45	1/2x1"3/4	4275
138	3"	3" GAS	73	106,38	134	61,93	124	50	27	34	17,5	M16x50	5/8x2"	4337
	3"	2"1/2 GAS	63	106,38	134	61,93	124	50	27	30	17,5	M16x50	5/8x2"	4337
34	3"1/2	3"1/2 GAS	89	120,65	152	69,85	136	48	27	34	17,5	M16x50	5/8x2"	4387
	3"1/2	3" GAS	73	120,65	152	69,85	136	48	27	34	17,5	M16x50	5/8x2"	4387
	4"	4" GAS	99	130,18	162	77,77	146	48	27	34	17,5	M16x50	5/8x2"	4437
		6000 psi												
414	1/2"	1/2" GAS	13	40,49	57	18,24	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	13	40,49	57	18,24	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	19	50,80	71	23,80	55	35	21	22	11	M10x40	3/8x1"1/2	4100
	3/4"	1/2" GAS	13	50,80	71	23,80	55	35	21	22	11	M10x40	3/8x1"1/2	4100
	1"	1" GAS	25	57,15	81	27,76	65	42	25	24	13	M12x45	7/16x1"3/4	4131
	1"	3/4" GAS	19	57,15	81	27,76	65	42	25	24	13	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 GAS	32	66,68	95	31,75	78	45	27	25	15	M14x45	1/2x1"3/4	4150
	1"1/4	1" GAS	25	66,68	95	31,75	78	45	27	25	15	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 GAS	38	79,38	112	36,50	94	50	30	28	17	M16x50	5/8x2"	4187
	1"1/2	1"1/4 GAS	32	79,38	112	36,50	94	50	30	28	17	M16x50	5/8x2"	4187
	2"	2" GAS	51	96,82	134	44,45	114	65	37	30	21	M20x70	3/4x2"1/2	4225
	2"	1"1/2 GAS	38	96,82	134	44,45	114	65	37	30	21	M20x70	3/4x2"1/2	4225
	2"1/2	2"1/2 GAS	63	123,80	180	58,70	152	80	45	32	26	M24x80	-	4275
	3"	3" GAS	73	152,40	208	71,40	178	90	55	40	33	M30x100	-	4337

03CG
06CG

Controflange Filettate BSP

BSP Threaded Counter-Flanges

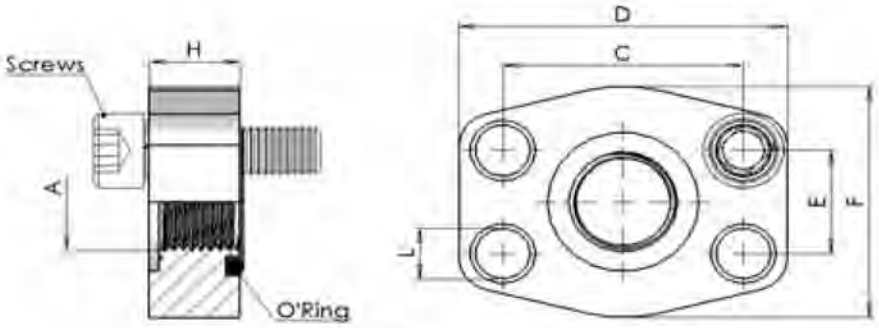


max pressure	SAE	Dimensions									Metric	Unc	
bar	size	A	B	C	D	E	F	G	H	I	M		
		3000 psi											
345	1/2"	1/2" GAS	13	38,10	57	17,48	46	36	16	19	M8	5/16	
	1/2"	3/8" GAS	13	38,10	57	17,48	46	36	16	19	M8	5/16	
	3/4"	3/4" GAS	19	47,63	65	22,23	50	36	18	19	M10	3/8	
	3/4"	1/2" GAS	13	47,63	65	22,23	50	36	18	19	M10	3/8	
	1"	1" GAS	25	52,37	70	26,19	55	38	18	22	M10	3/8	
	1"	3/4" GAS	19	52,37	70	26,19	55	35	21	19	M10	3/8	
276	1"1/4	1"1/4 GAS	32	58,72	79	30,18	68	40	21	22	M10	7/16	
	1"1/4	1" GAS	25	58,72	81	30,18	65	42	25	24	M10	7/16	
207	1"1/2	1"1/2 GAS	38	69,85	93	35,71	78	45	25	24	M12	1/2	
	1"1/2	1"1/4 GAS	32	69,85	95	35,71	78	45	27	24	M12	1/2	
	2"	2" GAS	51	77,77	102	42,88	90	45	25	30	M12	1/2	
	2"	1"1/2 GAS	38	77,77	102	42,88	90	45	25	26	M12	1/2	
172	2"1/2	2"1/2 GAS	63	88,90	114	50,80	105	50	25	30	M12	1/2	
173	2"1/2	2" GAS	51	88,90	114	50,80	105	50	25	30	M12	1/2	
138	3"	3" GAS	73	106,38	134	61,93	124	50	27	34	M16	5/8	
	3"	2"1/2 GAS	63	106,38	134	61,93	124	50	27	30	M16	5/8	
34	3"1/2	3"1/2 GAS	89	120,65	152	69,85	136	48	27	34	M16	5/8	
	3"1/2	3" GAS	73	120,65	152	69,85	136	48	27	34	M16	5/8	
	4"	4" GAS	99	130,18	162	77,77	146	48	27	34	M16	5/8	
		6000 psi											
414	1/2"	1/2" GAS	13	40,49	57	18,24	46	36	16	19,0	M8	5/16	
	1/2"	3/8" GAS	13	40,49	57	18,24	46	36	16	19,0	M8	5/16	
	3/4"	3/4" GAS	19	50,80	71	23,80	55	35	21	22,0	M10	3/8	
	3/4"	1/2" GAS	13	50,80	71	23,80	55	35	21	22,0	M10	3/8	
	1"	1" GAS	25	57,15	81	27,76	65	42	25	24,0	M12	7/16	
	1"	3/4" GAS	19	57,15	81	27,76	65	42	25	24,0	M12	7/16	
	1"1/4	1"1/4 GAS	32	66,68	95	31,75	78	45	27	25,0	M14	1/2	
	1"1/4	1" GAS	25	66,68	95	31,75	78	45	27	25,0	M14	1/2	
	1"1/2	1"1/2 GAS	38	79,38	112	36,50	94	50	30	28,0	M16	5/8	
	1"1/2	1"1/4 GAS	32	79,38	112	36,50	94	50	30	28,0	M16	5/8	
	2"	2" GAS	51	96,82	134	44,45	114	65	37	30,0	M20	3/4	
	2"	1"1/2 GAS	38	96,82	134	44,45	114	65	37	30,0	M20	3/4	
	2"1/2	2"1/2 GAS	63	123,80	180	58,70	152	80	45	32,0	M24	-	
	3"	3" GAS	73	152,40	208	71,40	178	90	55	40,0	M30	-	

03PG
06PG

Flange Piatte Filettate BSP

BSP Threaded Flat Flanges

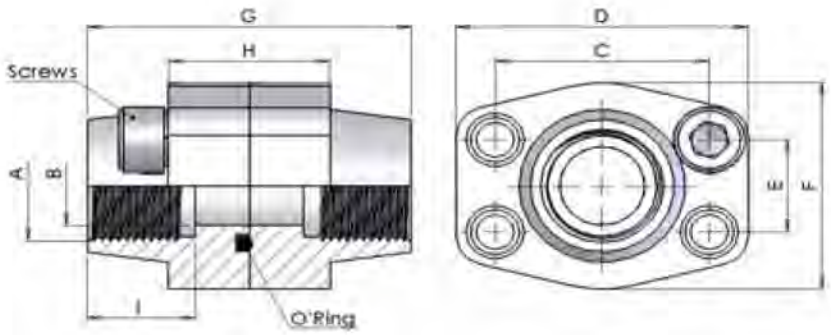


max pressure	SAE	Dimensions							Viti Screws		O' R
bar	size	A	C	D	E	F	H	L	Metric	Unc	type
		3000 psi									
345	3/4"	3/4" GAS	47,63	65	22,23	50	15	11	M10x35	3/8x1"1/2	4100
	3/4"	1/2" GAS	47,63	65	22,23	50	15	11	M10x35	3/8x1"1/2	4100
300	1"	1" GAS	52,37	70	26,19	60	19	11	M10x35	3/8x1"1/2	4131
	1"	3/4" GAS	52,37	70	26,19	60	19	11	M10x35	3/8x1"1/2	4131
276	1"1/4	1"1/4 GAS	58,72	79	30,18	68	19	11,5	M10x40	7/16x1"3/4	4150
	1"1/4	1" GAS	58,72	79	30,18	68	19	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	1"1/2 GAS	69,85	93	35,71	78	19	13,5	M12x45	1/2x1"3/4	4187
	1"1/2	1"1/4 GAS	69,85	93	35,71	78	19	13,5	M12x45	1/2x1"3/4	4187
	2"	2" GAS	77,77	102	42,88	90	19	13,5	M12x45	1/2x1"3/4	4225
	2"	1"1/2 GAS	77,77	102	42,88	90	19	13,5	M12x45	1/2x1"3/4	4225
172	2"1/2	2"1/2 GAS	88,90	114	50,80	105	19	13,5	M12x45	1/2x1"3/4	4275
	2"1/2	2" GAS	88,90	114	50,80	105	19	13,5	M12x45	1/2x1"3/4	4275
138	3"	3" GAS	106,38	134	61,83	124	23	17,5	M16x50	5/8x2"	4337
	3"	2"1/2 GAS	106,38	134	61,83	124	23	17,5	M16x50	5/8x2"	4337
34	3"1/2	3"1/2 GAS	120,65	152	69,85	136	21	17,5	M16x50	5/8x2"	4387
	3"1/2	3" GAS	120,65	152	69,85	136	21	17,5	M16x50	5/8x2"	4387
	4"	4" GAS	130,18	162	77,77	146	24	17,5	M16x50	5/8x2"	4437
	4"	3"1/2 GAS	130,18	162	77,77	146	24	17,5	M16x50	5/8x2"	4437
		6000 psi									
414	3/4"	3/4" GAS	50,80	71	23,80	60	19	11	M10x35	3/8x1"1/2	4100
	3/4"	1/2" GAS	50,80	71	23,80	60	19	11	M10x35	3/8x1"1/2	4100
	1"	1" GAS	57,15	81	27,76	70	23	13	M12x45	7/16x1"3/4	4131
	1"	3/4" GAS	57,15	81	27,76	70	23	13	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 GAS	66,68	95	31,75	78	26	15	M14x45	1/2x1"3/4	4150
	1"1/4	1" GAS	66,68	95	31,75	78	26	15	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 GAS	79,38	112	36,50	94	29	17	M16x50	5/8x2"	4187
	1"1/2	1"1/4 GAS	79,38	112	36,50	94	29	17	M16x50	5/8x2"	4187
	2"	2" GAS	96,82	134	44,45	114	28	21	M20x60	3/4x2"1/2	4225
	1"1/2	1"1/2 GAS	96,82	134	44,45	114	28	21	M20x60	3/4x2"1/2	4225

03DG
06DG

Doppie Flange Filettate BSP

BSP Threaded Double Flanges

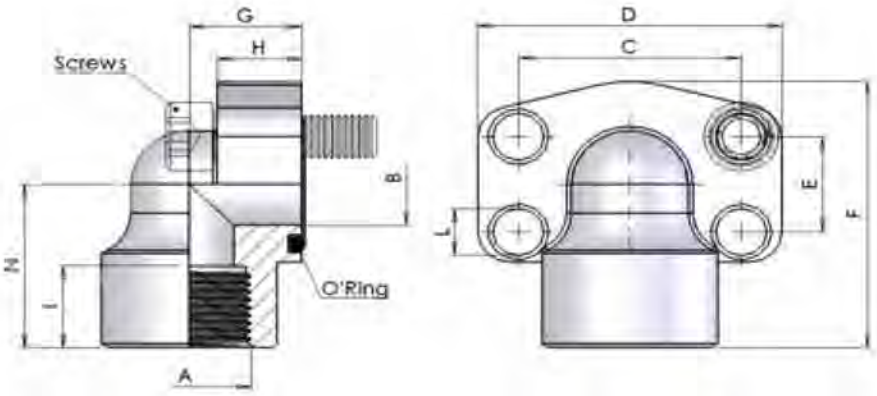


max pressure	SAE	Dimensions									Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	Metric	Unc	type
		3000 psi											
345	1/2"	1/2" GAS	13	38,10	57	17,48	46	72	32	19	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	13	38,10	57	17,48	46	72	32	19	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	19	47,63	65	22,23	50	72	36	19	M10x35	3/8x1"1/2	4100
	3/4"	1/2" GAS	13	47,63	65	22,23	50	72	36	19	M10x35	3/8x1"1/2	4100
	1"	1" GAS	25	52,37	70	26,19	55	46	36	22	M10x40	3/8x1"1/2	4131
	1"	3/4" GAS	19	52,37	70	26,19	55	70	42	19	M10x40	3/8x1"1/2	4131
276	1"1/4	1"1/4 GAS	32	58,72	79	30,18	68	82	42	22	M10x40	7/16x1"3/4	4150
	1"1/4	1" GAS	25	58,72	81	30,18	65	84	50	24	M12x45	7/16x1"3/4	4150
207	1"1/2	1"1/2 GAS	38	69,85	93	35,71	78	90	50	24	M12x45	1/2x1"3/4	4187
	1"1/2	1"1/4 GAS	32	69,85	95	35,71	78	90	54	24	M12x45	1/2x1"3/4	4187
	2"	2" GAS	51	77,77	102	42,88	90	90	50	30	M12x45	1/2x1"3/4	4225
	2"	1"1/2 GAS	38	77,77	102	42,88	90	90	50	26	M12x45	1/2x1"3/4	4225
172	2"1/2	2"1/2 GAS	63	88,90	114	50,80	105	100	50	30	M12x45	1/2x1"3/4	4275
	2"1/2	2" GAS	51	88,90	114	50,80	105	100	50	30	M16x50	1/2x1"3/4	4275
138	3"	3" GAS	73	106,38	134	61,93	124	100	54	34	M16x50	5/8"x2	4337
	3"	2"1/2 GAS	63	106,38	134	61,93	124	100	54	30	M16x50	5/8"x2	4337
34	3"1/2	3"1/2 GAS	89	120,65	152	69,85	136	96	54	34	M16x50	5/8"x2	4387
	3"1/2	3" GAS	73	120,65	152	69,85	136	96	54	34	M16x50	5/8"x2	4387
	4"	4" GAS	99	130,18	162	77,77	146	96	54	34	M16x50	5/8"x2	4437
	4"	3"1/2 GAS	89	130,18	162	77,77	146	96	54	34	M16x50	5/8"x2	4437
		6000 psi											
414	1/2"	1/2" GAS	13	40,49	57	18,24	46	72	32	19	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	13	40,49	57	18,24	46	72	32	19	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	19	50,80	71	23,80	55	70	42	19	M10x40	3/8x1"1/2	4100
	3/4"	1/2" GAS	13	50,80	71	23,80	55	70	42	19	M10x40	3/8x1"1/2	4100
	1"	1" GAS	25	57,15	81	27,76	65	84	50	22	M12x45	7/16x1"3/4	4131
	1"	3/4" GAS	19	57,15	81	27,76	65	84	50	22	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 GAS	32	66,68	95	31,75	78	90	54	23	M14x45	1/2x1"3/4	4150
	1"1/4	1" GAS	25	66,68	95	31,75	78	90	54	23	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 GAS	38	79,38	112	36,50	94	100	60	26	M16x50	5/8"x2	4187
	1"1/2	1"1/4 GAS	32	79,38	112	36,50	94	100	60	26	M16x50	5/8"x2	4187
	2"	2" GAS	51	96,82	134	44,45	114	130	74	30	M20x70	3/4x2"1/2	4225
	2"	1"1/2 GAS	38	96,82	134	44,45	114	130	74	30	M20x70	3/4x2"1/2	4225

03NG
06NG

Flange 90° Filettate BSP

BSP Threaded 90° Flanges

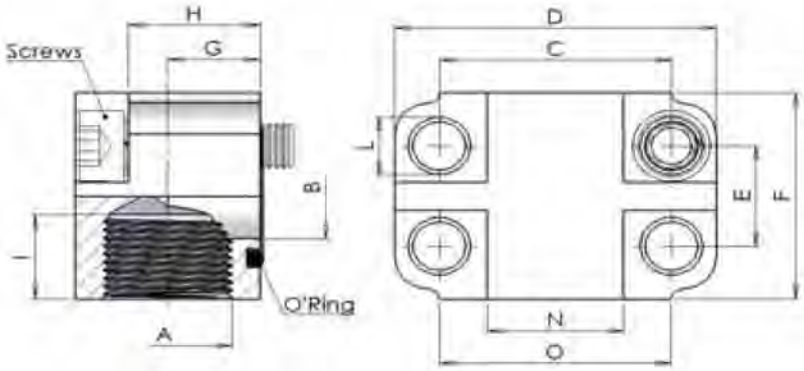


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	Metric	Unc	type
		3000 psi													
345	1/2"	1/2" GAS	13	38,10	54	17,48	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	13	38,10	54	17,48	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	19	47,63	65	22,23	63	24	18	19	11	38	M10x35	3/8x1"1/2	4100
	3/4"	1/2" GAS	19	47,63	65	22,23	63	24	18	19	11	38	M10x35	3/8x1"1/2	4100
	1"	1" GAS	25	52,37	70	26,19	70	28	19	20	11	43	M10x35	3/8x1"1/2	4131
	1"	3/4" GAS	25	52,37	70	26,19	70	28	19	20	11	43	M10x40	3/8x1"1/2	4131
276	1"1/4	1"1/4 GAS	32	58,72	79	30,18	85	34	21	22	11,5	51	M10x40	7/16x1"3/4	4150
	1"1/4	1" GAS	32	58,72	79	30,18	85	34	21	22	11,5	51	M10x40	7/16x1"3/4	4150
207	1"1/2	1"1/2 GAS	38	69,85	93	35,71	95	38	25	25	13,5	56	M12x45	1/2x1"3/4	4187
	1"1/2	1"1/4 GAS	38	69,85	93	35,71	95	38	25	25	13,5	56	M12x45	1/2x1"3/4	4187
	2"	2" GAS	51	77,77	110	42,88	110	42	25	28	13,5	65	M12x45	1/2x1"3/4	4225
	2"	1"1/2 GAS	51	77,77	110	42,88	110	42	25	28	13,5	65	M12x45	1/2x1"3/4	4225
		6000 psi													
414	1/2"	1/2" GAS	13	40,49	54	18,24	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	13	40,49	54	18,24	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	19	50,80	70	23,80	70	28	19	20	11	43	M10x35	3/8x1"1/2	4100
	3/4"	1/2" GAS	19	50,80	70	23,80	70	28	19	20	11	43	M10x35	3/8x1"1/2	4100
	1"	1" GAS	25	57,15	79	27,76	85	34	21	22	13	51	M12x45	7/16x1"3/4	4131
	1"	3/4" GAS	25	57,15	79	27,76	85	34	21	22	13	51	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 GAS	32	66,68	93	31,75	95	38	25	25	15	56	M14x45	1/2x1"3/4	4150
	1"1/4	1" GAS	32	66,68	93	31,75	95	38	25	25	15	56	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 GAS	38	79,38	110	36,50	110	42	25	28	17	65	M16x50	5/8x2"	4187
	1"1/2	1"1/4 GAS	38	79,38	110	36,50	110	42	25	28	17	65	M16x50	5/8x2"	4187
	2"	2" GAS	51	96,82	134	44,45	132	45	35	33	21	75	M20x70	3/4x2"1/2	4225
	2"	1"1/2 GAS	51	96,82	134	44,45	132	45	35	33	21	75	M20x70	3/4x2"1/2	4225

03BG
06BG

Flange 90° Filettate BSP

BSP Threaded 90° Flanges

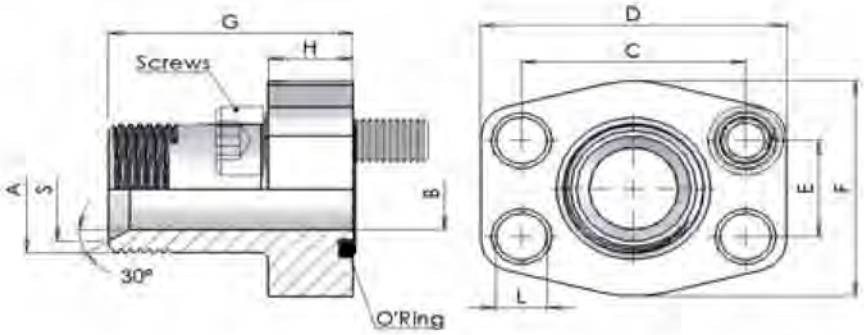


max pressure	SAE	Dimensions												Viti Screws	O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	O	Metric	type
		3000 psi													
345	3/4"	3/4" GAS	19	47,63	66	22,23	46	19	27	19	11	28	48	M10x45	4100
	1"	1" GAS	25	52,37	71	26,19	55	22	34	19	11	32	50	M10x50	4131
276	1"1/4	1"1/4 GAS	32	58,72	81	30,18	65	27	42	22	12	35	60	M10x60	4150
207	1"1/2	1"1/2 GAS	38	69,85	95	35,71	75	32	50	24	14	42	70	M12x70	4187
	2"	2" GAS	51	77,77	112	42,88	90	40	63	26	14	50	80	M12x80	4225
172	2"1/2	2"1/2 GAS	63	88,90	120	50,80	120	53	99	30	14	-	-	-	4275
		6000 psi													
414	3/4"	3/4" GAS	19	50,80	71	23,80	55	22	34	22	11	32	50	M10x50	4100
	1"	1" GAS	25	57,15	81	27,76	65	27	42	24	13	35	60	M12x60	4131
	1"1/4	1"1/4 GAS	32	66,68	95	31,75	75	32	50	25	15	42	70	M14x70	4150
	1"1/2	1"1/2 GAS	38	79,38	112	36,50	90	40	63	28	17	50	80	M16x90	4187

G3FD
G6FD

Flange a tenuta conica a 60° filettate BSP

60° Tapered seat BSP threaded flanges

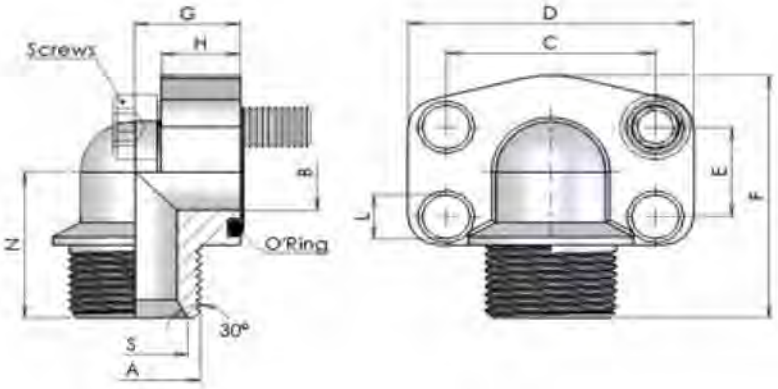


max pressure	SAE	Dimensions										Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	L	S	Metric	Unc	type
		3000 psi												
345	1/2"	1/2" GAS	12	38,10	54	17,48	46	52	13	9,0	17,5	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	9	38,10	54	17,48	46	52	13	9,0	14,0	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	17	47,63	65	22,23	50	60	14	11,5	22,9	M10x35	3/8x1"1/2	4100
	3/4"	1/2" GAS	12	47,63	65	22,23	50	60	14	11,5	17,5	M10x35	3/8x1"1/2	4100
	1"	1" GAS	22	52,37	70	26,19	55	63	16	11,5	28,7	M10x35	3/8x1"1/2	4131
	1"	3/4" GAS	17	52,37	70	26,19	55	63	16	11,5	22,9	M10x40	3/8x1"1/2	4131
276	1"1/4	1"1/4 GAS	29	58,72	79	30,18	68	65	14	11,5	36,8	M10x35	7/16x1"3/4	4150
	1"1/4	1" GAS	22	58,72	79	30,18	68	65	14	11,5	28,7	M10x35	7/16x1"3/4	4150
207	1"1/2	1"1/2 GAS	34	69,85	94	35,71	78	70	16	13,5	42,7	M12x35	1/2x1"3/4	4187
	1"1/2	1"1/4 GAS	29	69,85	94	35,71	78	70	16	13,5	36,8	M12x35	1/2x1"3/4	4187
		6000 psi												
414	1/2"	1/2" GAS	12	40,49	56	18,24	48	60	16	9	17,5	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	9	40,49	56	18,24	48	60	16	9	14,0	M8x30	5/16x1"1/5	4075
	3/4"	3/4" GAS	17	50,80	71	23,80	60	73	19	12	22,9	M10x40	3/8x1"1/2	4100
	3/4"	1/2" GAS	12	50,80	71	23,80	60	73	19	12	17,5	M10x40	3/8x1"1/3	4100
	1"	1" GAS	22	57,15	81	27,76	70	82	24	13	28,7	M12x45	7/16x1"3/4	4131
	1"	3/4" GAS	17	57,15	81	27,76	70	82	24	13	22,9	M12x45	7/16x1"3/5	4131
	1"1/4	1"1/4 GAS	29	66,68	95	31,75	78	92	27	15	36,8	M14x45	1/2x1"3/4	4150
	1"1/4	1" GAS	22	66,68	95	31,75	78	92	27	15	28,7	M14x45	1/2x1"3/5	4150
	1"1/2	1"1/2 GAS	34	79,38	113	36,50	95	96	30	17	42,7	M16x50	5/8x2"	4187
	1"1/2	1"1/4 GAS	29	79,38	113	36,50	95	96	30	17	36,8	M16x50	5/8x2"	4187

G3N0
G6N0

Flange a 90° a tenuta conica 60° filettate BSP

90° Flanges with 60° tapered seat and BSP thread

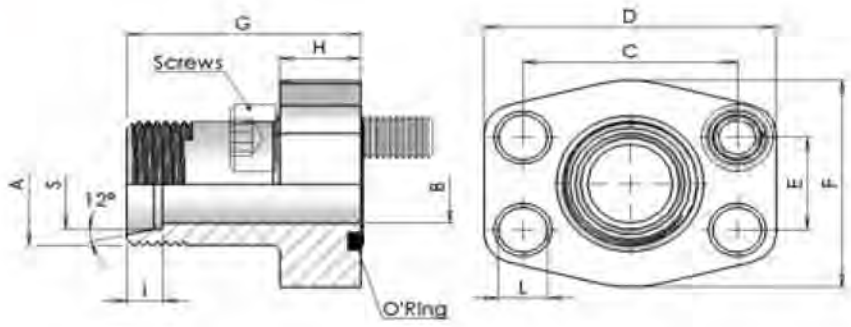


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	L	N	S	Metric	Unc	type
		3000 psi													
345	1/2"	1/2" GAS	11,5 / 13	38,10	54	17,48	61	20	16	9	38	17,5	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	8,5 / 13	38,10	54	17,48	61	20	16	9	38	14,0	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	17 / 19	47,63	65	22,23	64	24	18	11	39	22,9	M10x35	3/8x1"1/2	4100
	1"	1" GAS	22 / 25	52,37	70	26,19	70	28	19	11	43	28,7	M10x35	3/8x1"1/2	4131
276	1"1/4	1"1/4 GAS	28,5 / 32	58,72	79	30,18	85	34	21	12	51	36,8	M10x35	7/16x1"3/4	4150
207	1"1/2	1"1/2 GAS	34 / 38	69,85	93	35,71	96	38	25	14	56	42,7	M12x35	1/2x1"3/4	4187
		6000 psi													
414	1/2"	1/2" GAS	11,5 / 13	40,49	54	18,24	61	20	16	9	38	18	M8x30	5/16x1"1/4	4075
	1/2"	3/8" GAS	8,5 / 13	40,49	54	18,24	61	20	16	9	38	14	M8x30	5/16x1"1/4	4075
	3/4"	3/4" GAS	17 / 19	50,80	70	23,80	70	28	19	11	43	23	M10x40	3/8x1"1/2	4100
	1"	1" GAS	22 / 25	57,15	79	27,76	85	34	21	13	51	29	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 GAS	28,5 / 32	66,68	93	31,75	96	38	25	15	56	37	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 GAS	34 / 38	79,38	110	36,50	110	42	25	17	65	43	M16x50	5/8x2"	4187

D3FD
D6FD

Flange filettate Metriche con attacco DIN 2353

DIN 2353 Metric threaded flanges

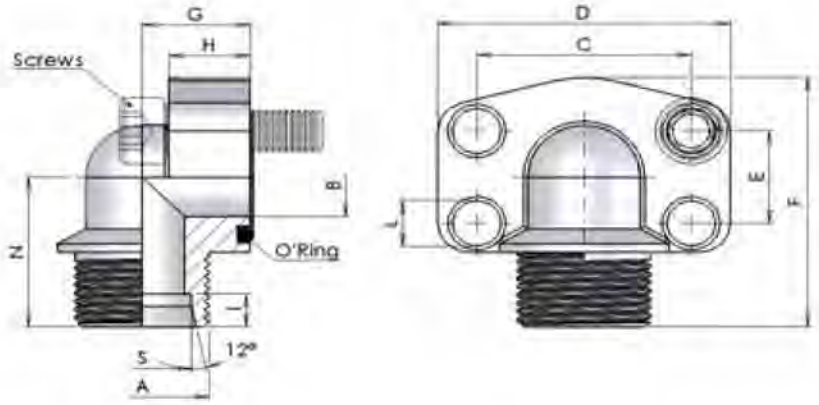


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	S	Metric	Unc	type
		3000 psi													
	1/2"	M22x1,5	12	38,10	54	17,48	46	52	13	7	9,0	15	M8x30	5/16x1"1/4	4075
345	3/4"	M30x2	19	47,63	65	22,23	50	60	14	8	11,5	22	M10x30	3/8x1"1/2	4100
	1"	M36x2	24	52,37	70	26,19	55	63	16	8	11,5	28	M10x35	3/8x1"1/2	4131
276	1"1/4	M45x2	29	58,72	79	30,18	68	65	14	11	11,5	35	M10x35	7/16x1"3/4	4150
207	1"1/2	M52x2	36	69,85	94	35,71	78	70	16	11	13,5	42	M12x35	1/2x1"3/4	4187
		6000 psi													
	1/2"	M24x1,5	12	40,49	56	18,24	48	60	16	9	9,0	16	M8x30	5/16x1"1/4	4075
	3/4"	M36x2	19	50,80	71	23,80	60	73	19	12	11,5	25	M10x40	3/8x1"1/2	4100
414	1"	M42x2	25	57,15	81	27,76	70	82	24	14	13,0	30	M12x45	7/16x1"3/4	4131
	1"1/4	M52x2	29	66,68	95	31,75	78	92	27	16	15,0	38	M14x45	1/2x1"3/4	4150
	1"1/2	M52x2	32	79,38	113	36,50	95	96	30	16	17,0	38	M16x50	5/8x2"	4187

D3N0
D6N0

Flange 90° filettate Metriche con attacco DIN 2353

DIN 2353 Metric threaded 90° flanges

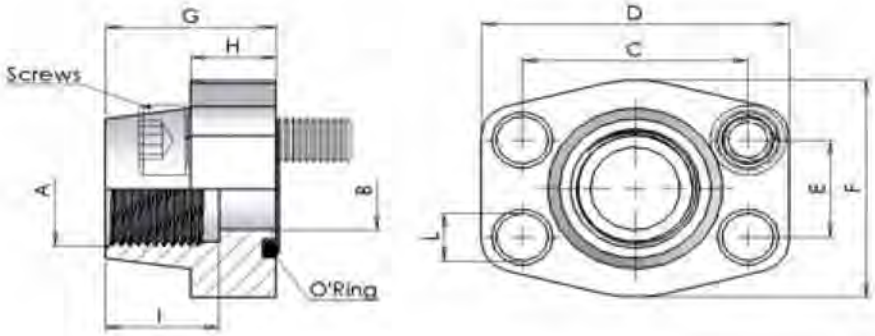


max pressure	SAE	Dimensions												Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	S	Metric	Unc	type
		3000 psi														
	1/2"	M22x1,5	12	38,10	54	17,48	60	20	16	7,0	9,0	37	15	M8x30	5/16x1"1/4	4075
345	3/4"	M30x2	19	47,63	65	22,23	65	24	18	7,5	11,0	40	22	M10x35	3/8x1"1/2	4100
	1"	M36x2	25	52,37	70	26,19	70	28	19	12,0	11,0	43	28	M10x35	3/8x1"1/2	4131
276	1"1/4	M45x2	32	58,72	79	30,18	86	34	21	10,5	11,5	52	35	M10x40	7/16x1"3/4	4150
207	1"1/2	M52x2	38	69,85	93	35,71	95	38	25	11,0	13,5	56	42	M12x45	1/2x1"3/4	4187
		6000 psi														
	1/2"	M24x1,5	12	40,49	54	18,24	60	20	16	8,5	9	37	16	M8x30	5/16x1"1/4	4075
	3/4"	M36x2	19	50,80	70	23,80	70	28	19	12,0	11	43	25	M10x35	3/8x1"1/2	4100
414	1"	M42x2	25	57,15	79	27,76	85	34	21	13,5	13	52	30	M12x45	7/16x1"3/4	4131
	1"1/4	M52x2	32	66,68	93	31,75	95	38	25	16,0	15	56	38	M14x45	1/2x1"3/4	4150
	1"1/2	M52x2	38	79,38	110	36,50	110	42	25	16,0	17	65	38	M16x50	5/8x2"	4187

03FN
06FN

Flange Filettate NPT

Flange Filettate NPT

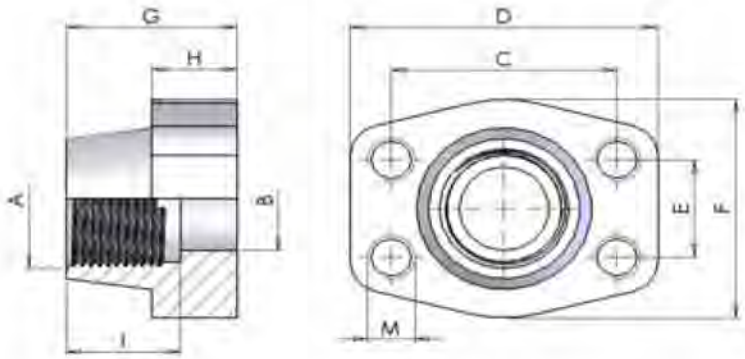


max pressure	SAE	Dimensions										Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	Metric	Unc	type
		3000 psi												
345	1/2"	1/2" NPT	13	38,10	57	17,48	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	1/2"	3/8" NPT	13	38,10	57	17,48	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	3/4"	3/4" NPT	19	47,63	65	22,23	50	36	18	19	11	M10x35	3/8x1"1/2	4100
	3/4"	1/2" NPT	13	47,63	65	22,23	50	36	18	19	11	M10x35	3/8x1"1/2	4100
	1"	1" NPT	25	52,37	70	26,19	55	38	18	22	11	M10x35	3/8x1"1/2	4131
	1"	3/4" NPT	19	52,37	70	26,19	55	35	21	19	11	M10x40	3/8x1"1/2	4131
276	1"1/4	1"1/4 NPT	32	58,72	79	30,18	68	41	21	22	11,5	M10x40	7/16x1"3/4	4150
	1"1/4	1" NPT	25	58,72	81	30,18	65	42	25	24	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	1"1/2 NPT	38	69,85	93	35,71	78	45	25	24	13,5	M12x45	1/2x1"3/4	4187
	1"1/2	1"1/4 NPT	32	69,85	95	35,71	78	45	27	24	13,5	M12x45	1/2x1"3/4	4187
	2"	2" NPT	51	77,77	102	42,88	90	45	25	30	13,5	M12x45	1/2x1"3/4	4225
	2"	1"1/2 NPT	38	77,77	102	42,88	90	45	25	26	13,5	M12x45	1/2x1"3/4	4225
172	2"1/2	2"1/2 NPT	63	88,90	114	50,80	105	50	25	30	13,5	M12x45	1/2x1"3/4	4275
138	3"	3" NPT	73	106,38	134	61,93	124	50	27	34	17,5	M16x50	5/8x2"	4337
34	3"1/2	3"1/2 NPT	89	120,65	152	69,85	136	48	27	34	17,5	M16x50	5/8x2"	4387
	4"	4" NPT	99	130,18	162	77,77	146	48	27	34	17,5	M16x50	5/8x2"	4437
		6000 psi												
414	1/2"	1/2" NPT	13	40,49	57	18,24	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	1/2"	3/8" NPT	13	40,49	57	18,24	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	3/4"	3/4" NPT	19	50,80	71	23,80	55	35	21	22	11	M10x40	3/8x1"1/2	4100
	3/4"	1/2" NPT	13	50,80	71	23,80	55	35	21	22	11	M10x40	3/8x1"1/2	4100
	1"	1" NPT	25	57,15	81	27,76	65	42	25	24	13	M12x45	7/16x1"3/4	4131
	1"	3/4" NPT	19	57,15	81	27,76	65	42	25	24	13	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 NPT	32	66,68	95	31,75	78	45	27	25	15	M14x45	1/2x1"3/4	4150
	1"1/4	1" NPT	25	66,68	95	31,75	78	45	27	25	15	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 NPT	38	79,38	112	36,50	94	50	30	28	17	M16x50	5/8x2"	4187
	1"1/2	1"1/4 NPT	32	79,38	112	36,50	94	50	30	28	17	M16x50	5/8x2"	4187
	2"	2" NPT	51	96,82	134	44,45	114	65	37	30	21	M20x70	3/4x2"1/2	4225
	2"	1"1/2 NPT	38	96,82	134	44,45	114	65	37	30	21	M20x70	3/4x2"1/2	4225
	2"1/2	2"1/2 NPT	63	123,80	180	58,70	152	80	45	32	26	M24x80	-	4275
	3"	3" NPT	73	152,40	208	71,40	178	90	55	40	33	M30x100	-	4337

03CN
06CN

Controflange Filettate NPT

NPT Threaded Counter-Flanges

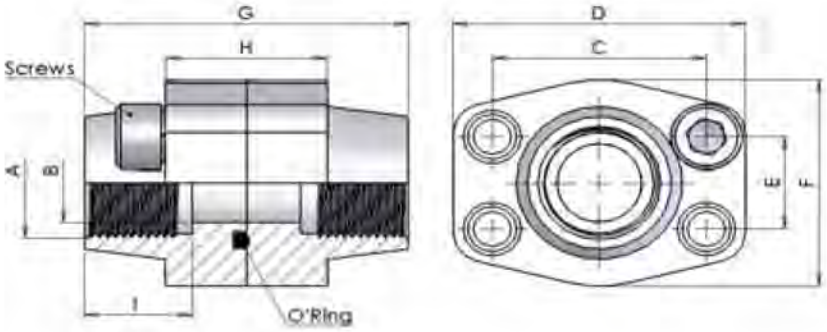


max pressure	SAE	Dimensions									Metric	Unc	
bar	size	A	B	C	D	E	F	G	H	I	M		
		3000 psi											
345	1/2"	1/2" NPT	13	38,10	57	17,48	46	36	16	19	M8	5/16	
	1/2"	3/8" NPT	13	38,10	57	17,48	46	36	16	19	M8	5/16	
	3/4"	3/4" NPT	19	47,63	65	22,23	50	36	18	19	M10	3/8	
	3/4"	1/2" NPT	13	47,63	65	22,23	50	36	18	19	M10	3/8	
	1"	1" NPT	25	52,37	70	26,19	55	38	18	22	M10	3/8	
	1"	3/4" NPT	19	52,37	70	26,19	55	35	21	19	M10	3/8	
276	1"1/4	1"1/4 NPT	32	58,72	79	30,18	68	41	21	22	M10	7/16	
	1"1/4	1" NPT	25	58,72	81	30,18	65	42	25	24	M10	7/16	
207	1"1/2	1"1/2 NPT	38	69,85	93	35,71	78	45	25	24	M12	1/2	
	1"1/2	1"1/4 NPT	32	69,85	95	35,71	78	45	27	24	M12	1/2	
	2"	2" NPT	51	77,77	102	42,88	90	45	25	30	M12	1/2	
	2"	1"1/2 NPT	38	77,77	102	42,88	90	45	25	26	M12	1/2	
172	2"1/2	2"1/2 NPT	63	88,90	114	50,80	105	50	25	30	M12	1/2	
138	3"	3" NPT	73	106,38	134	61,93	124	50	27	34	M16	5/8	
34	3"1/2	3"1/2 NPT	89	120,65	152	69,85	136	48	27	34	M16	5/8	
	4"	4" NPT	99	130,18	162	77,77	146	48	27	34	M16	5/8	
		6000 psi											
414	1/2"	1/2" NPT	13	40,49	57	18,24	46	36	16	19	M8	5/16	
	1/2"	3/8" NPT	13	40,49	57	18,24	46	36	16	19	M8	5/16	
	3/4"	3/4" NPT	19	50,80	71	23,80	55	35	21	22	M10	3/8	
	3/4"	1/2" NPT	13	50,80	71	23,80	55	35	21	22	M10	3/8	
	1"	1" NPT	25	57,15	81	27,76	65	42	25	24	M12	7/16	
	1"	3/4" NPT	19	57,15	81	27,76	65	42	25	24	M12	7/16	
	1"1/4	1"1/4 NPT	32	66,68	95	31,75	78	45	27	25	M14	1/2	
	1"1/4	1" NPT	25	66,68	95	31,75	78	45	27	25	M14	1/2	
	1"1/2	1"1/2 NPT	38	79,38	112	36,50	94	50	30	28	M16	5/8	
	1"1/2	1"1/4 NPT	32	79,38	112	36,50	94	50	30	28	M16	5/8	
	2"	2" NPT	51	96,82	134	44,45	114	65	37	30	M20	3/4	
	2"	1"1/2 NPT	38	96,82	134	44,45	114	65	37	30	M20	3/4	
	2"1/2	2"1/2 NPT	63	123,80	180	58,70	152	80	45	32	M24	-	
	3"	3" NPT	73	152,40	208	71,40	178	90	55	40	M30	-	

03DN
06DN

Doppie Flange Filettate NPT

NPT Threaded Double Flanges

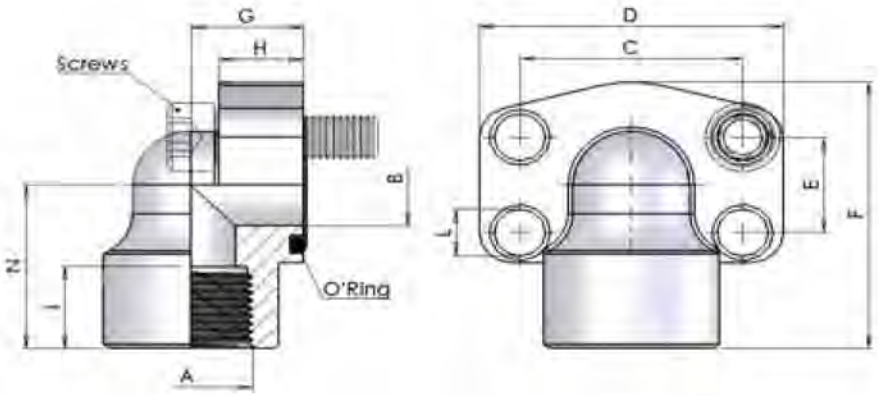


max pressure	SAE	Dimensions									Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	Metric	Unc	type
		3000 psi											
345	1/2"	1/2" NPT	13	38,10	57	17,48	46	72	32	19	M8x30	5/16x1"1/4	4075
	1/2"	3/8" NPT	13	38,10	57	17,48	46	72	32	19	M8x30	5/16x1"1/4	4075
	3/4"	3/4" NPT	19	47,63	65	22,23	50	72	36	19	M10x35	3/8x1"1/2	4100
	3/4"	1/2" NPT	13	47,63	65	22,23	50	72	36	19	M10x35	3/8x1"1/2	4100
	1"	1" NPT	25	52,37	70	26,19	55	76	36	22	M10x35	3/8x1"1/2	4131
	1"	3/4" NPT	19	52,37	70	26,19	55	70	42	19	M10x40	3/8x1"1/2	4131
276	1"1/4	1"1/4 NPT	32	58,72	79	30,18	68	82	42	22	M10x40	7/16x1"3/4	4150
	1"1/4	1" NPT	25	58,72	81	30,18	65	84	50	24	M10x40	7/16x1"3/4	4150
207	1"1/2	1"1/2 NPT	38	69,85	93	35,71	78	90	50	24	M12x45	1/2x1"3/4	4187
	1"1/2	1"1/4 NPT	32	69,85	95	35,71	78	90	54	24	M12x45	1/2x1"3/4	4187
	2"	2" NPT	51	77,77	102	42,88	90	90	50	30	M12x45	1/2x1"3/4	4225
	2"	1"1/2 NPT	38	77,77	102	42,88	90	90	50	26	M12x45	1/2x1"3/4	4225
172	2"1/2	2"1/2 NPT	63	88,90	114	50,80	105	100	50	30	M12x45	1/2x1"3/4	4275
138	3"	3" NPT	73	106,38	134	61,93	124	100	54	34	M16x50	5/8x2"	4337
34	3"1/2	3"1/2 NPT	89	120,65	152	69,85	136	96	54	34	M16x50	5/8x2"	4387
	4"	4" NPT	99	130,18	162	77,77	146	96	54	34	M16x50	5/8x2"	4437
		6000 psi											
414	1/2"	1/2" NPT	13	40,49	57	18,24	46	72	32	19	M8x30	5/16x1"1/4	4075
	1/2"	3/8" NPT	13	40,49	57	18,24	46	72	32	19	M8x30	5/16x1"1/4	4075
	3/4"	3/4" NPT	19	50,80	71	23,80	55	70	42	22	M10x40	3/8x1"1/2	4100
	3/4"	1/2" NPT	13	50,80	71	23,80	55	70	42	22	M10x40	3/8x1"1/2	4100
	1"	1" NPT	25	57,15	81	27,76	65	84	50	24	M12x45	7/16x1"3/4	4131
	1"	3/4" NPT	19	57,15	81	27,76	65	84	50	24	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 NPT	32	66,68	95	31,75	78	90	54	25	M14x45	1/2x1"3/4	4150
	1"1/4	1" NPT	25	66,68	95	31,75	78	90	54	25	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 NPT	38	79,38	112	36,50	94	100	60	28	M16x50	5/8x2"	4187
	1"1/2	1"1/4 NPT	32	79,38	112	36,50	94	100	60	28	M16x50	5/8x2"	4187
	2"	2" NPT	51	96,82	134	44,45	114	130	74	30	M20x70	3/4x2"1/2	4225
	2"	1"1/2 NPT	38	96,82	134	44,45	114	130	74	30	M20x70	3/4x2"1/2	4225
	2"1/2	2"1/2 NPT	63	123,80	180	58,70	152	160	90	32	M24x80	-	4275
	3"	3" NPT	73	152,40	208	71,40	178	180	110	40	M30x100	-	4337

03NN
06NN

Flange 90° Filettate NPT

NPT Threaded 90° Flanges

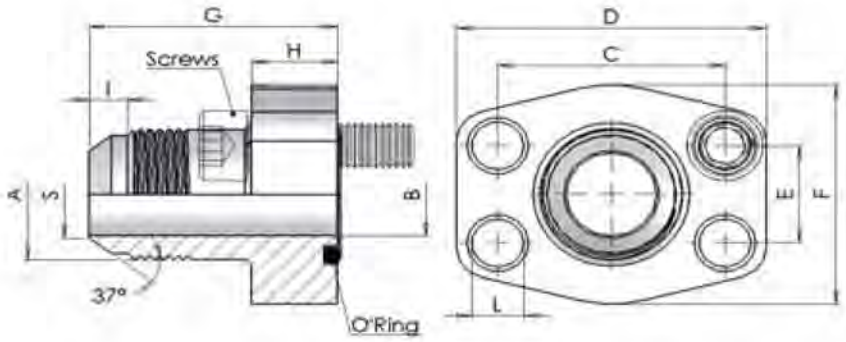


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	Metric	Unc	type
		3000 psi													
345	1/2"	1/2" NPT	13	38,10	54	17,48	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	1/2"	3/8" NPT	13	38,10	54	17,48	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	3/4"	3/4" NPT	19	47,63	65	22,23	63	24	18	19	11	38	M10x35	3/8x1"1/2	4100
	3/4"	1/2" NPT	19	47,63	65	22,23	63	24	18	19	11	38	M10x35	3/8x1"1/2	4100
	1"	1" NPT	25	52,37	70	26,19	70	28	19	20	11	43	M10x35	3/8x1"1/2	4131
	1"	3/4" NPT	25	52,37	70	26,19	70	28	19	20	11	43	M10x40	3/8x1"1/2	4131
276	1"1/4	1"1/4 NPT	32	58,72	79	30,18	85	34	21	22	11,5	51	M10x40	7/16x1"3/4	4150
	1"1/4	1" NPT	32	58,72	79	30,18	85	34	21	22	11,5	51	M10x40	7/16x1"3/4	4150
207	1"1/2	1"1/2 NPT	38	69,85	93	35,71	95	38	25	25	13,5	56	M12x45	1/2x1"3/4	4187
	1"1/2	1"1/4 NPT	38	69,85	93	35,71	95	38	25	25	13,5	56	M12x45	1/2x1"3/4	4187
	2"	2" NPT	51	77,77	110	42,88	110	42	25	28	13,5	65	M12x45	1/2x1"3/4	4225
	2"	1"1/2 NPT	51	77,77	110	42,88	110	42	25	28	13,5	65	M12x45	1/2x1"3/4	4225
		6000 psi													
414	1/2"	1/2" NPT	13	40,49	54	18,24	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	1/2"	3/8" NPT	13	40,49	54	18,24	60	20	16	19	9	37	M8x30	5/16x1"1/4	4075
	3/4"	3/4" NPT	19	50,80	70	23,80	70	28	19	20	11	43	M10x40	3/8x1"1/2	4100
	3/4"	1/2" NPT	19	50,80	70	23,80	70	28	19	20	11	43	M10x40	3/8x1"1/2	4100
	1"	1" NPT	25	57,15	79	27,76	85	34	21	22	13	51	M12x45	7/16x1"3/4	4131
	1"	3/4" NPT	25	57,15	79	27,76	85	34	21	22	13	51	M12x45	7/16x1"3/4	4131
	1"1/4	1"1/4 NPT	32	66,68	93	31,75	95	38	25	25	15	56	M14x45	1/2x1"3/4	4150
	1"1/4	1" NPT	32	66,68	93	31,75	95	38	25	25	15	56	M14x45	1/2x1"3/4	4150
	1"1/2	1"1/2 NPT	38	79,38	110	36,50	110	42	25	28	17	65	M16x50	5/8x2"	4187
	1"1/2	1"1/4 NPT	38	79,38	110	36,50	110	42	25	28	17	65	M16x50	5/8x2"	4187
	2"	2" NPT	51	96,82	134	44,45	132	45	35	33	21	75	M20x70	3/4x2"1/2	4225
	2"	1"1/2 NPT	51	96,82	134	44,45	132	45	35	33	21	75	M20x70	3/4x2"1/2	4225

J3FD
J6FD

Flange Filettate JIC

JIC Threaded Flanges

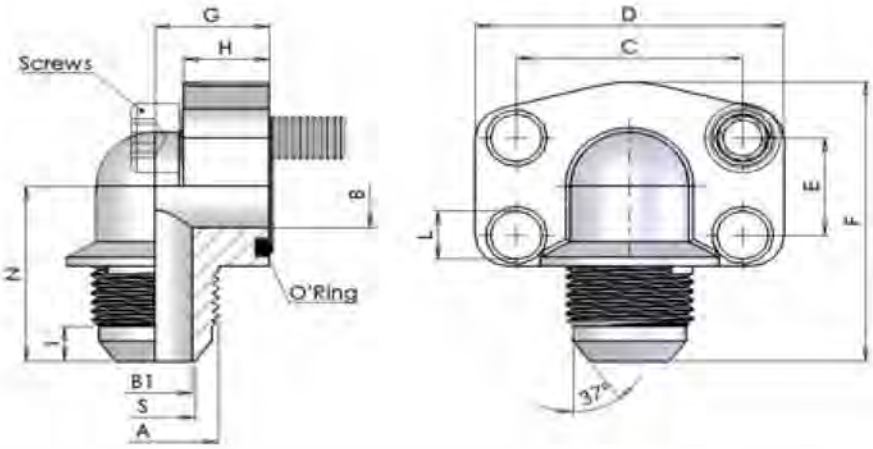


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	S	Metric	Unc	type
		3000 psi													
345	1/2"	3/4" - 16UNF	9,9	38,10	54	17,48	46	52	13	6,4	9,0	10,82	M8x30	5/16x1"1/4	4075
	1/2"	7/8" - 14UN	12,3	38,10	54	17,48	46	52	13	6,8	9,0	13,69	M8x30	5/16x1"1/4	4075
	3/4"	1"1/16 - 12UN	15,5	47,63	65	22,23	50	60	14	8,0	11,5	16,87	M10x35	3/8x1"1/2	4100
	1"	1"5/16 - 12UN	21,5	52,37	70	26,19	55	63	16	8,0	11,5	23,19	M10x35	3/8x1"1/2	4131
276	1"1/4	1"5/8 - 12UN	27,5	58,72	79	30,18	68	65	14	9,3	11,5	29,13	M10x35	7/16x1"3/4	4150
207	1"1/2	1"7/8 - 12UN	33,0	69,85	94	35,71	78	70	16	9,6	13,5	35,08	M12x35	1/2x1"3/4	4187
		6000 psi													
414	1/2"	3/4" - 16UNF	9,9	40,49	56	18,24	48	60	16	6	9,0	10,82	M8x30	5/16x1"1/4	4075
	1/2"	7/8" - 14UN	12,3	40,49	56	18,24	48	60	16	7	9,0	13,69	M8x30	5/16x1"1/4	4075
	3/4"	1"1/16 - 12UN	15,5	50,80	71	23,80	60	73	19	8	11,5	16,87	M10x40	3/8x1"1/2	4100
	1"	1"5/16 - 12UN	21,5	57,15	81	27,76	70	82	24	8	13,0	23,19	M12x45	7/16x1"3/4	4131
	1"1/4	1"5/8 - 12UN	27,5	66,68	95	31,75	78	92	27	9	15,0	29,13	M14x45	1/2x1"3/4	4150
	1"1/2	1"7/8 - 12UN	33,0	79,38	113	36,50	95	96	30	10	17,0	35,08	M16x50	5/8x2"	4187

J3N0
J6N0

Flange a 90° Filettate JIC

JIC Threaded 90° Flanges

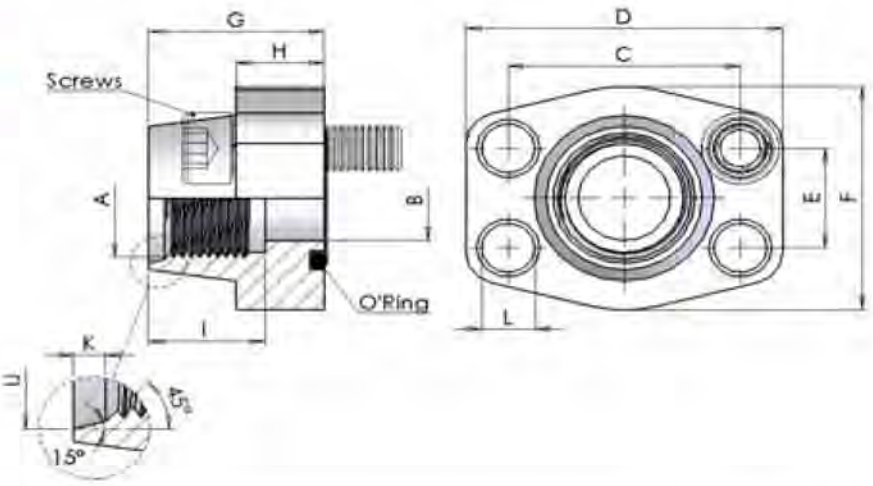


max pressure	SAE	Dimensions													Viti Screws		O' R
bar	size	A	B	B1	C	D	E	F	G	H	I	L	N	S	Metric	Unc	type
		3000 psi															
345	1/2"	3/4" - 16UNF	13	9,9	38,10	54	17,48	60	20	16	6,4	9	37	10,82	M8x30	5/16x1"1/4	4075
	1/2"	7/8" - 14UN	13	12,3	38,10	54	17,48	60	20	16	6,8	9	37	13,69	M8x30	5/16x1"1/4	4075
	3/4"	1"1/16 - 12UN	19	15,5	47,63	65	22,23	64	24	18	8	11	39	16,87	M10x35	3/8x1"1/2	4100
	1"	1"5/16 - 12UN	25	21,5	52,37	70	26,19	71	28	19	8	11	44	23,19	M10x35	3/8x1"1/2	4131
276	1"1/4	1"5/8 - 12UN	32	27,5	58,72	79	30,18	86	34	21	9,3	11,5	52	29,13	M10x40	7/16x1"3/4	4150
207	1"1/2	1"7/8 - 12UN	38	33,0	69,85	93	35,71	96	38	25	9,6	13,5	57	35,08	M12x45	1/2x1"3/4	4187
		6000 psi															
414	1/2"	3/4" - 16UNF	13	9,9	40,49	54	18,24	60	20	16	6,4	9	37	10,82	M8x30	5/16x1"1/4	4075
	1/2"	7/8" - 14UN	13	12,3	40,49	54	18,24	60	20	16	6,8	9	37	13,69	M8x30	5/16x1"1/4	4075
	3/4"	1"1/16 - 12UN	19	15,0	50,80	70	23,80	71	28	19	8	11	44	16,87	M10x35	3/8x1"1/2	4100
	1"	1"5/16 - 12UN	25	21,5	57,15	79	27,76	85	34	21	8	13	51	23,19	M12x45	7/16x1"3/4	4131
	1"1/4	1"5/8 - 12UN	32	27,5	66,68	93	31,75	96	38	25	9,3	15	57	29,13	M14x45	1/2x1"3/4	4150
	1"1/2	1"7/8 - 12UN	38	33,0	79,38	110	35,50	111	42	25	9,6	17	66	35,08	M16x50	5/8x2"	4187

03FU
06FU

Flange filettate (UN) con filetto cilindrico con sede O-RING

(UN) Threaded flanges with O-Ring groove parallel thread

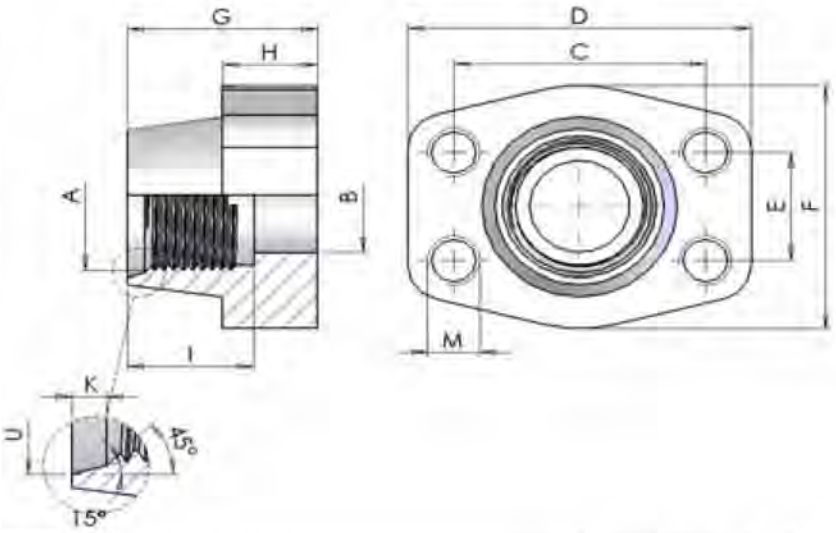


max pressure	SAE	Dimensions												Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	U	K	Metric	Unc	type
		3000 psi														
	1/2"	3/4" - 16UNF	13	38,10	57	17,48	46	36	16	17	9,0	20,6	2,5	M8x30	5/16x1"1/4	4075
345	3/4"	1"1/16 - 12UN	19	47,63	65	22,23	50	36	18	23	11,0	29,2	3,3	M10x35	3/8x1"1/2	4100
	1"	1"5/16 - 12UN	25	52,37	70	26,19	55	38	18	23	11,0	35,5	3,3	M10x35	3/8x1"1/2	4131
276	1"1/4	1"5/8 - 12UN	32	58,72	79	30,18	68	41	21	23	11,5	43,5	3,3	M10x40	7/16x1"3/4	4150
207	1"1/2	1"7/8 - 12UN	38	69,85	93	35,71	78	45	25	23	13,5	49,8	3,3	M12x45	1/2x1"3/4	4187
		6000 psi														
	1/2"	3/4" - 16UNF	13	40,49	57	18,24	46	36	16	17	9	20,6	2,5	M8x30	5/16x1"1/4	4075
	3/4"	1"1/16 - 12UN	19	50,80	71	23,80	55	35	21	23	11	29,2	3,3	M10x40	3/8x1"1/2	4100
414	1"	1"5/16 - 12UN	25	57,15	81	27,76	65	42	25	23	13	35,5	3,3	M12x45	7/16x1"3/4	4131
	1"1/4	1"5/8 - 12UN	32	66,68	95	31,75	78	45	27	23	15	43,5	3,3	M14x45	1/2x1"3/4	4150
	1"1/2	1"7/8 - 12UN	38	79,38	112	36,50	94	50	30	23	17	49,8	3,3	M16x50	5/8x2"	4187

03CU
06CU

Controflange filettate (UN) con filetto cilindrico con sede O-RING

(UN) Threaded counter-flanges with O-Ring groove parallel thread

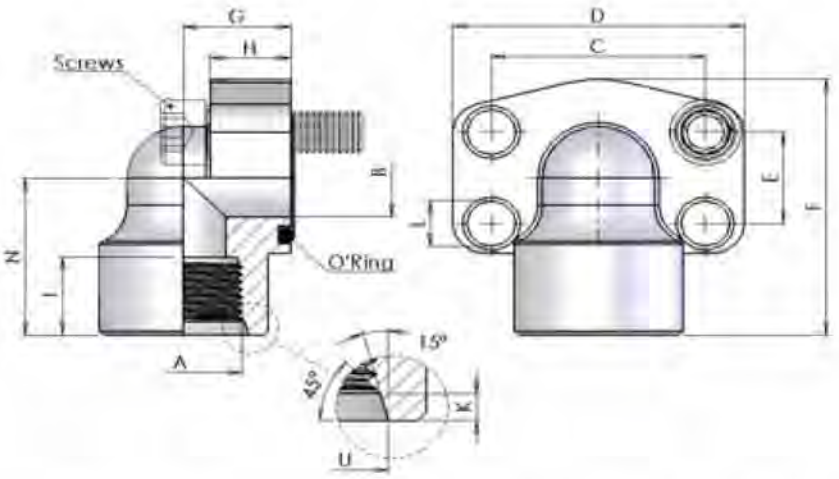


max pressure	SAE	Dimensions											Metric	Unc	
bar	size	A	B	C	D	E	F	G	H	I	U	K	M		
		3000 psi													
	1/2"	3/4" - 16UNF	13	38,10	57	17,48	46	36	16	17	20,6	2,5	M8	5/16	
345	3/4"	1"1/16 - 12UN	19	47,63	65	22,23	50	36	18	23	29,2	3,3	M10	3/8	
	1"	1"5/16 - 12UN	25	52,37	70	26,19	55	38	18	23	35,5	3,3	M10	3/8	
276	1"1/4	1"5/8 - 12UN	32	58,72	79	30,18	68	41	21	23	43,5	3,3	M10	7/16	
207	1"1/2	1"7/8 - 12UN	38	69,85	93	35,71	78	45	25	23	49,8	3,3	M12	1/2	
		6000 psi													
	1/2"	3/4" - 16UNF	13	40,49	57	18,24	46	36	16	17	20,6	2,5	M8	5/16	
	3/4"	1"1/16 - 12UN	19	50,80	71	23,80	55	35	21	23	29,2	3,3	M10	3/8	
414	1"	1"5/16 - 12UN	25	57,15	81	27,76	65	42	25	23	35,5	3,3	M12	7/16	
	1"1/4	1"5/8 - 12UN	32	66,68	95	31,75	78	45	27	23	43,5	3,3	M14	1/2	
	1"1/2	1"7/8 - 12UN	38	79,38	112	36,50	94	50	30	23	49,8	3,3	M16	5/8	

03NU
06NU

Flange a 90° filettate (UN) con filetto cilindrico con sede O-RING

(UN) Threaded 90° flanges with O-Ring groove parallel thread

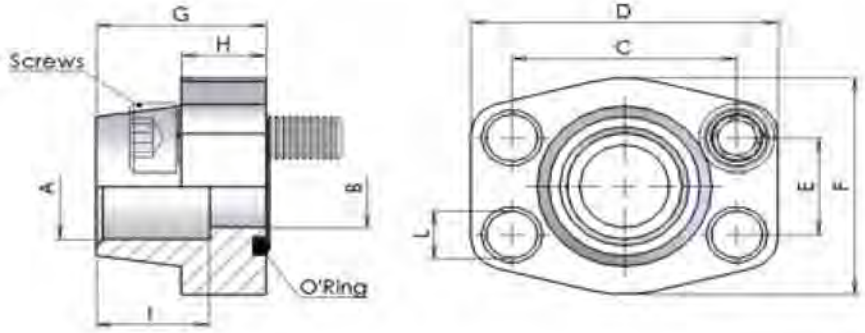


max pressure	SAE	Dimensions													Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	U	K	Metric	Unc	type
		3000 psi															
	1/2"	3/4"-16 UNF	13	38,10	54	17,48	60	20	16	17	9	37,0	29,6	2,5	M8x30	5/16x1"1/4	4075
345	3/4"	1" 1/16-12 UN	19	47,63	65	22,23	63	24	18	23	11	38,0	29,2	3,3	M10x35	3/8x1"1/2	4100
	1"	1" 5/16-12 UN	25	52,37	70	26,19	70	28	19	23	11	43,0	35,5	3,3	M10x35	3/8x1"1/2	4131
276	1"1/4	1" 5/8-12 UN	32	58,72	79	30,18	79	34	21	23	12	51,0	43,5	3,4	M10x40	7/16x1"3/4	4150
207	1"1/2	1" 7/8-12 UN	38	69,85	93	35,71	93	38	25	23	14	56,0	49,8	3,4	M12x45	1/2x1"3/4	4187
		6000 psi															
	1/2"	3/4"-16 UNF	13	40,49	54	18,24	60	20	16	17	9	37,0	29,6	2,5	M8x30	5/16x1"1/4	4075
	3/4"	1" 1/16-12 UN	19	50,80	70	23,80	70	28	19	23	11	43,0	29,2	3,3	M10x35	3/8x1"1/2	4100
414	1"	1" 5/16-12 UN	25	57,15	79	27,76	85	34	21	23	13	51,0	35,5	3,3	M12x45	7/16x1"3/4	4131
	1"1/4	1" 5/8-12 UN	32	66,68	93	31,75	95	38	25	23	15	56	43,5	3,4	M14x45	1/2x1"3/4	4150
	1"1/2	1" 7/8-12 UN	38	79,38	110	36,50	110	42	25	23	17	65,0	49,8	3,4	M16x50	5/8x2"	4187

03FS
06FS

Flange a saldare di tasca

Weld in flanges

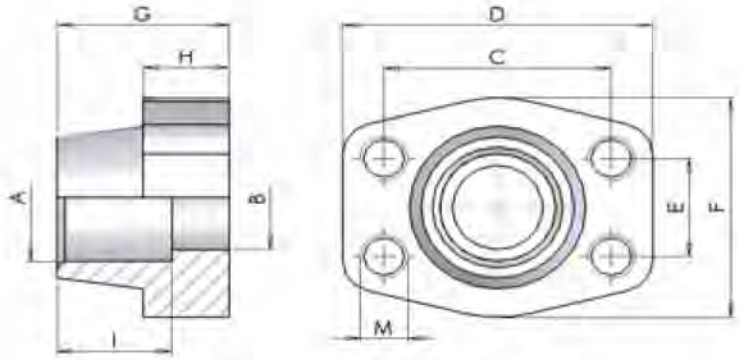


max pressure	SAE	Dimensions										Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	Metric	Unc	type
		3000 psi												
345	1/2"	21,6	13	38,10	57	17,48	46	36	16	19	9,0	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	38,10	57	17,48	46	36	16	19	9,0	M8x30	5/16x1"1/4	4075
	3/4"	27,2	19	47,63	65	22,23	50	36	18	19	11,0	M10x35	3/8x1"1/2	4100
	1"	34	25	52,37	70	26,19	55	38	18	19	11,0	M10x35	3/8x1"1/2	4131
276	1"1/4	42,8	32	58,72	79	30,18	68	41	21	22	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	48,6	38	69,85	93	35,71	78	45	25	24	13,5	M12x45	1/2x1"3/4	4187
	2"	61	51	77,77	102	42,88	90	45	25	26	13,5	M12x45	1/2x1"3/4	4225
172	2"1/2	76,6	63	88,90	114	50,80	105	50	25	30	13,5	M12x45	1/2x1"3/4	4275
138	3"	90,5	73	106,38	134	61,93	124	50	27	34	17,5	M16x50	5/8x2"	4337
34	3"1/2	103	89	120,65	152	69,85	136	48	27	34	17,5	M16x50	5/8x2"	4387
	4"	115,5	99	130,18	162	77,77	146	48	27	34	17,5	M16x50	5/8x2"	4437
		6000 psi												
414	1/2"	21,6	13	40,49	57	18,24	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	40,49	57	18,24	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	3/4"	27,2	19	50,80	71	23,80	55	35	21	22	11	M10x40	3/8x1"1/2	4100
	1"	34	25	57,15	81	27,76	65	42	25	22	13	M12x45	7/16x1"3/4	4131
	1"1/4	42,8	32	66,68	95	31,75	78	45	27	25	15	M14x45	1/2x1"3/4	4150
	1"1/2	48,6	38	79,38	112	36,50	94	50	30	28	17	M16x50	5/8x2"	4187
	2"	61	51	96,82	134	44,45	114	65	37	24	21	M20x70	3/4x2"1/2	4225
	2"1/2	76,6	63	123,80	180	58,70	152	80	45	32	26	M24x80	-	4275
	3"	90,5	73	152,40	208	71,40	178	90	55	30	33	M30x100	-	4337

03CS
06CS

Controflange a saldare di tasca

Weld in counter-flanges

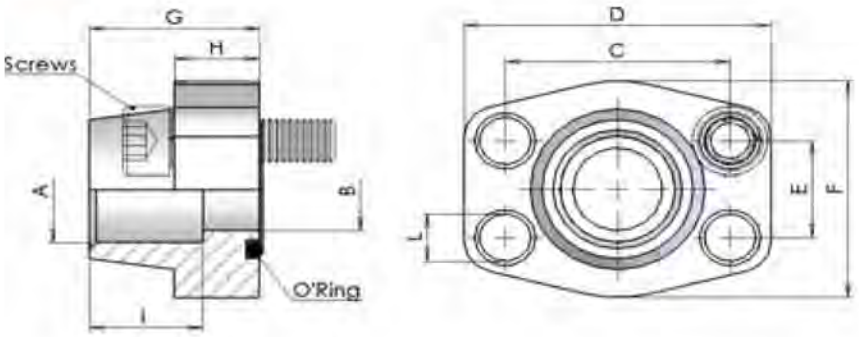


max pressure	SAE	Dimensions									Metric	Unc	
bar	size	A	B	C	D	E	F	G	H	I	M		
		3000 psi											
345	1/2"	21,6	13	38,10	57	17,48	46	36	16	19	M8	5/16	
	1/2"	17,5	13	38,10	57	17,48	46	36	16	19	M8	5/16	
	3/4"	27,2	19	47,63	65	22,23	50	36	18	19	M10	3/8	
	1"	34	25	52,37	70	26,19	55	38	18	19	M10	3/8	
276	1"1/4	42,8	32	58,72	79	30,18	68	41	21	22	M10	7/16	
207	1"1/2	48,6	38	69,85	93	35,71	78	45	25	24	M12	1/2	
	2"	61	51	77,77	102	42,88	90	45	25	26	M12	1/2	
172	2"1/2	76,6	63	88,90	114	50,80	105	50	25	30	M12	1/2	
138	3"	90,5	73	106,38	134	61,93	124	50	27	34	M16	5/8	
34	3"1/2	103	89	120,65	152	69,85	136	48	27	34	M16	5/8	
	4"	115,5	99	130,18	162	77,77	146	48	27	34	M16	5/8	
		6000 psi											
414	1/2"	21,6	13	40,49	57	18,24	46	36	16	19	M8	5/16	
	1/2"	17,5	13	40,49	57	18,24	46	36	16	19	M8	5/16	
	3/4"	27,2	19	50,80	71	23,80	55	35	21	22	M10	3/8	
	1"	34	25	57,15	81	27,76	65	42	25	22	M12	7/16	
	1"1/4	42,8	32	66,68	95	31,75	78	45	27	25	M14	1/2	
	1"1/2	48,6	38	79,38	112	36,50	94	50	30	28	M16	5/8	
	2"	61	51	96,82	134	44,45	114	65	37	24	M20	3/4	
	2"1/2	76,6	63	123,80	180	58,70	152	80	45	32	M24	-	
	3"	90,5	73	152,40	208	71,40	178	90	55	30	M30	-	

M3FS
M6FS

Flange a saldare di tasca tubo metrico

Metric pipe weld in flanges

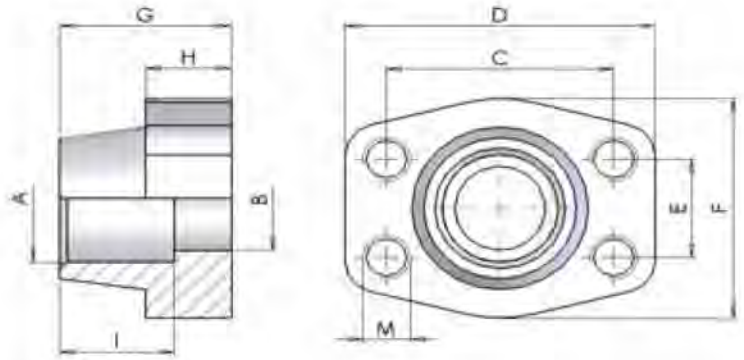


max pressure	SAE	Dimensions										Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	Metric	Unc	type
		3000 psi												
	1/2"	20,3	13	38,10	57	17,48	46	36	16	19	9,0	M8x30	5/16x1"1/4	4075
345	3/4"	25,3	19	47,63	65	22,23	50	36	18	19	11,0	M10x35	3/8x1"1/2	4100
	1"	30,3	25	52,37	70	26,19	55	38	18	19	11,0	M10x35	3/8x1"1/2	4131
276	1"1/4	38,3	32	58,72	79	30,18	68	41	21	22	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	50,5	38	69,85	93	35,71	78	45	25	24	13,5	M12x45	1/2x1"3/4	4187
		6000 psi												
	1/2"	20,3	13	40,49	57	18,24	46	36	16	19	9	M8x30	5/16x1"1/4	4075
	3/4"	25,3	19	50,80	71	23,80	55	35	21	22	11	M10x40	3/8x1"1/2	4100
	1"	30,3	25	57,15	81	27,76	65	42	25	22	13	M12x45	7/16x1"3/4	4131
414	1"1/4	38,3	32	66,68	95	31,75	78	45	27	25	15	M14x45	1/2x1"3/4	4150
	1"1/4	38,3	26	66,68	95	31,75	78	45	27	25	15	M14x45	-	4150
	1"1/4	38,3	28	66,68	95	31,75	78	45	27	25	15	M14x45	-	4150
	1"1/2	50,5	38	79,38	112	36,50	94	50	30	28	17	M16x50	5/8x2"	4187

M3CS
M6CS

Controflange a saldare di tasca tubo metrico

Metric pipe weld in counter-flanges

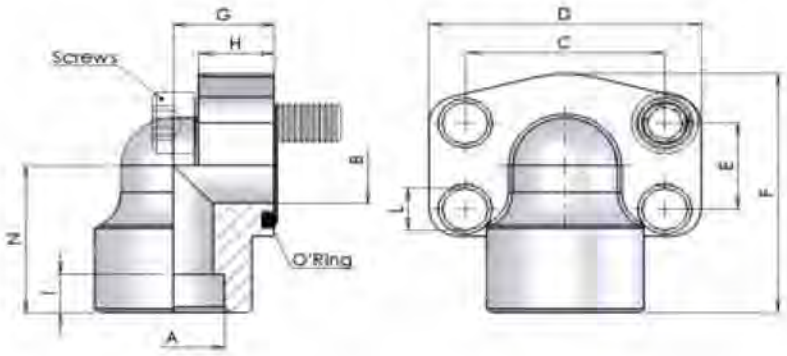


max pressure	SAE	Dimensions									Metric	Unc	
bar	size	A	B	C	D	E	F	G	H	I	M		
		3000 psi											
	1/2"	20,3	13	38,10	57	17,48	46	36	16	19	M8	5/16	
345	3/4"	25,3	19	47,63	65	22,23	50	36	18	19	M10	3/8	
	1"	30,3	25	52,37	70	26,19	55	38	18	19	M10	3/8	
276	1"1/4	38,3	32	58,72	79	30,18	68	41	21	22	M10	7/16	
207	1"1/2	50,5	38	69,85	93	35,71	78	45	25	24	M12	1/2	
		6000 psi											
	1/2"	20,3	13	40,49	57	18,24	46	36	16	19	M8	5/16	
	3/4"	25,3	19	50,80	71	23,80	55	35	21	22	M10	3/8	
	1"	30,3	25	57,15	81	27,76	65	42	25	22	M12	7/16	
414	1"1/4	38,3	32	66,68	95	31,75	78	45	27	25	M14	1/2	
	1"1/4	38	26	66,68	95	31,75	78	45	27	25	M14	1/2	
	1"1/4	38	28	66,68	95	31,75	78	45	27	25	M14	1/2	
	1"1/2	50,5	38	79,38	112	36,50	94	50	30	28	M16	5/8	

03NS
06NS

Flange 90° a saldare di tasca

Weld In 90° Flanges

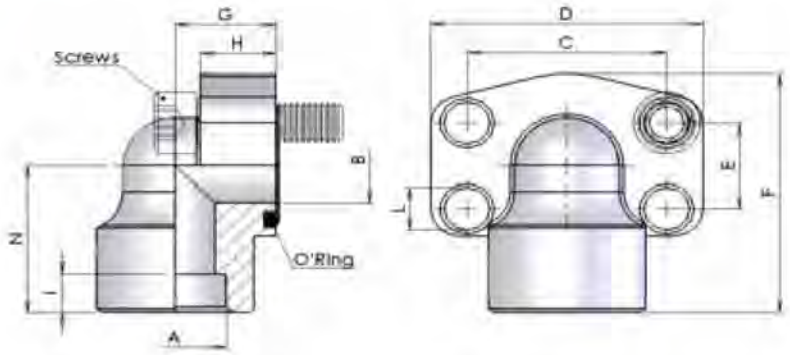


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	Metric	Unc	type
		3000 psi													
345	1/2"	21,6	13,0	38,10	54	17,48	60	20	16	10	9,0	37	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13,0	38,10	54	17,48	60	20	16	10	9,0	37	M8x30	5/16x1"1/4	4075
	3/4"	27,2	19,0	47,63	65	22,23	63	24	18	10	11,0	38	M10x35	3/8x1"1/2	4100
	1"	34,0	25,0	52,37	70	26,19	70	28	19	12	11,0	43	M10x35	3/8x1"1/2	4131
276	1"1/4	42,8	32,0	58,72	79	30,18	85	34	21	14	11,5	51	M10x40	7/16x1"3/4	4150
207	1"1/2	48,6	38,0	69,85	93	35,71	95	38	25	16	13,5	56	M12x45	1/2x1"3/4	4187
	2"	61,0	51,0	77,77	110	42,88	110	42	25	18	13,5	65	M12x45	1/2x1"3/4	4225
		6000 psi													
414	1/2"	21,6	13,0	40,49	54	18,24	60	20	16	10	9	37	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13,0	40,49	54	18,24	60	20	16	10	9	37	M8x30	5/16x1"1/4	4075
	3/4"	27,2	19,0	50,80	70	23,80	70	28	19	12	11	43	M10x40	3/8x1"1/2	4100
	1"	34,0	25,0	57,15	79	27,76	85	34	21	14	13	51	M12x45	7/16x1"3/4	4131
	1"1/4	42,8	32,0	66,68	93	31,75	95	38	25	16	15	56	M14x45	1/2x1"3/4	4150
	1"1/2	48,6	38,0	79,38	110	36,50	110	42	25	18	17	65	M16x50	5/8x2"	4187
	2"	61,0	51,0	96,82	134	44,45	132	45	35	25	21	75	M20x70	3/4x2"1/2	4225

M3NS
M6NS

Flange 90° a saldare di tasca tubo metrico

Metric pipe weld in 90° flanges

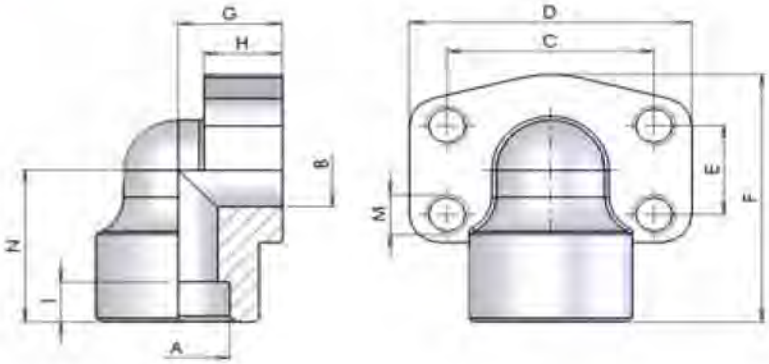


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	Metric	Unc	type
		3000 psi													
	1/2"	20,3	13,0	38,10	54	17,48	60	20	16	10,0	9,0	37	M8x30	5/16x1"1/4	4075
345	3/4"	25,3	19,0	47,63	65	22,23	63	24	18	10,0	11,0	38	M10x35	3/8x1"1/2	4100
	1"	30,3	25,0	52,37	70	26,19	70	28	19	12,0	11,0	43	M10x35	3/8x1"1/2	4131
276	1"1/4	38,3	32,0	58,72	79	30,18	85	34	21	14,0	11,5	51	M10x40	7/16x1"3/4	4150
207	1"1/2	50,5	38,0	69,85	93	35,71	95	38	25	16,0	13,5	56	M12x45	1/2x1"3/4	4187
		6000 psi													
	1/2"	20,3	13,0	40,49	54	18,24	60	20	16	10	9	37	M8x30	5/16x1"1/4	4075
	3/4"	25,3	19,0	50,80	70	23,80	70	28	19	12	11	43	M10x40	3/8x1"1/2	4100
414	1"	30,3	25,0	57,15	79	27,76	85	34	21	14	13	51	M12x45	7/16x1"3/4	4131
	1"1/4	38,3	32,0	66,68	93	31,75	95	38	25	16	15	56	M14x45	1/2x1"3/4	4150
	1"1/2	50,5	38,0	79,38	110	36,50	110	42	25	18	17	65	M16x50	5/8x2"	4187

03VS
06VS

Controflange 90° a saldare di tasca

Weld in 90° counter-flanges

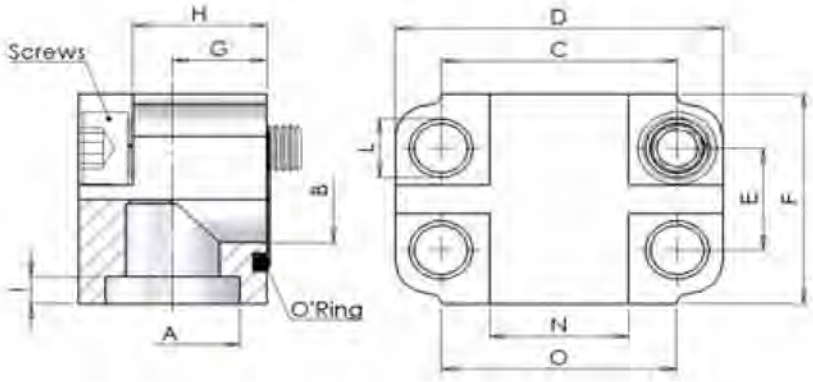


max pressure	SAE	Dimensions										Metric	
bar	size	A	B	C	D	E	F	G	H	I	N	M	
		3000 psi											
345	1/2"	21,6	13	38,10	54	17,48	17	20	16	10	37	M8	
	1/2"	17,5	13	38,10	54	17,48	17	20	16	10	37	M8	
	3/4"	27,2	19	47,63	65	22,23	22	24	18	10	38	M10	
	1"	34,0	25	52,37	70	26,19	26	28	19	12	43	M10	
276	1"1/4	42,8	32	58,72	79	30,18	30	34	21	14	51	M10	
207	1"1/2	48,6	38	69,85	93	35,71	36	38	25	16	56	M12	
	2"	61,0	51	77,77	110	42,88	43	42	25	18	65	M12	
		6000 psi											
414	1/2"	21,6	13	40,49	54	18,24	18	20	16	10	37	M8	
	1/2"	17,5	13	40,49	54	18,24	18	20	16	10	37	M8	
	3/4"	27,2	19	50,80	70	23,80	24	28	19	12	43	M10	
	1"	34,0	25	57,15	79	27,76	28	34	21	14	51	M12	
	1"1/4	42,8	32	66,68	93	31,75	32	38	25	16	56	M14	
	1"1/2	48,6	38	79,38	110	36,50	37	42	25	18	65	M16	
	2"	61,0	51	96,82	134	44,45	44	45	35	25	75	M20	

03BS
06BS

Flange 90° a saldare di tasca

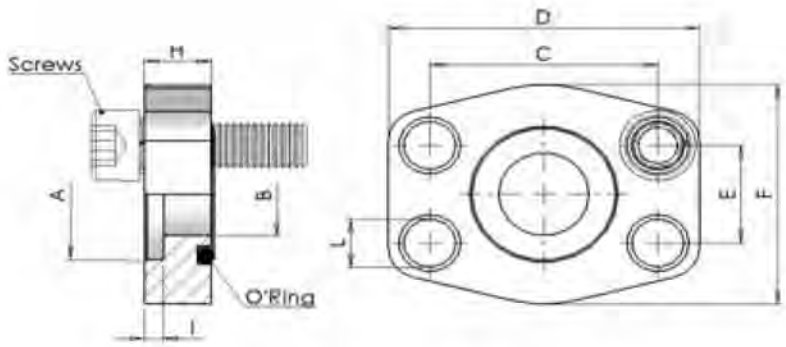
Weld In 90° Flanges



max pressure	SAE	Dimensions												Viti Screws	O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	O	Metric	type
		3000 psi													
345	3/4"	27,2	19	47,63	66	22,23	46	19	27	5	11	28	48	M10x45	4100
	1"	34,0	25	52,37	71	26,19	55	22	34	6	11	32	50	M10x50	4131
276	1"1/4	42,8	32	58,72	81	30,18	65	27	42	7	12	35	60	M10x60	4150
207	1"1/2	48,6	38	69,85	95	35,71	75	32	50	8	14	42	70	M12x70	4187
	2"	61,0	51	77,77	112	42,88	90	40	63	10	14	50	80	M12x80	4225
172	2"1/2	76,6	63	88,90	120	50,80	120	53	99	15	14	-	-	-	4275
		6000 psi													
414	3/4"	27,2	19	50,80	71	23,80	55	22	34	6	11	32	50	M10x50	4100
	1"	34,0	25	57,15	81	27,76	65	27	42	7	13	35	60	M12x60	4131
	1"1/4	42,8	32	66,68	95	31,75	75	32	50	8	15	42	70	M14x70	4150
	1"1/2	48,6	38	79,38	112	36,50	90	40	63	10	17	50	80	M16x90	4187

03PS Flange piatte a saldare di tasca

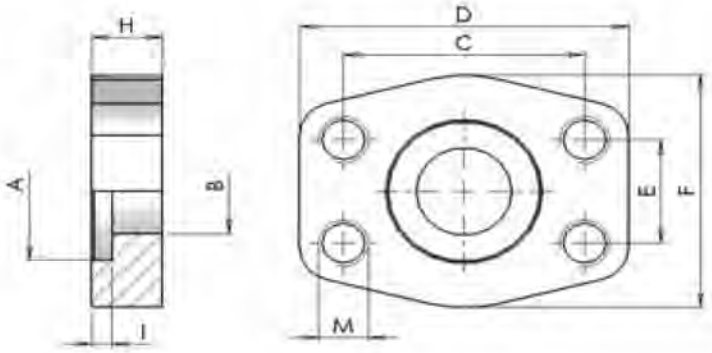
Weld In Flat Flanges



max pressure	SAE	Dimensions									Viti Screws	O' R
bar	size	A	B	C	D	E	F	H	I	L	Metric	type
	3000 psi											
40	1/2"	22,5	15	38,10	56	17,48	46	14	3	9,0	M8x25	4075
	3/4"	28,5	20	47,63	65	22,23	50	12	4	11,0	M10x30	4100
	1"	35,5	29	52,37	70	26,19	55	12	4	11,0	M10x30	4131
	1"1/4	42,5	34	58,72	79	30,18	68	12	4	11,5	M10x30	4150
	1"1/2	49,0	42	69,85	93	35,71	78	15	4	13,5	M12x35	4187
	2"	61,0	53	77,77	102	42,88	90	15	4	13,5	M12x35	4225
	2"1/2	77,0	64	88,90	114	50,80	105	15	4	13,5	M12x35	4275
	3"	90,0	80	106,38	134	61,93	124	20	5	17,5	M16x50	4337
	3"1/2	103,0	93	120,65	152	69,85	136	20	5	17,5	M16x50	4387
	4"	116,0	105	130,18	162	77,77	146	25	6	17,5	M16x50	4437

03LS Controflange piatte a saldare di tasca

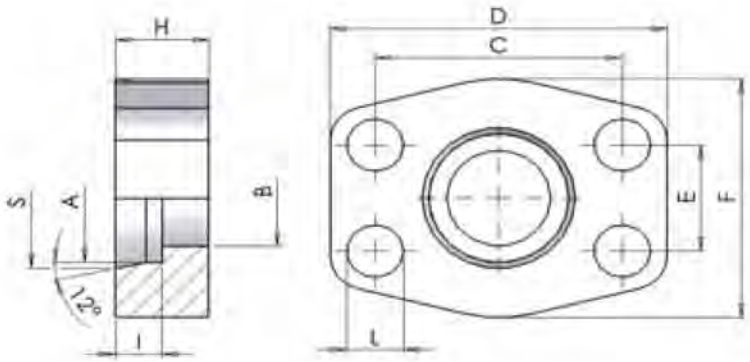
Weld In Flat Counter Flanges



max pressure	SAE	Dimensions								Metric	Unc	
bar	size	A	B	C	D	E	F	H	I	M		
	3000 psi											
40	1/2"	22,5	15	38,10	56	17,48	46	14	3	M8	5/16	
	3/4"	28,5	20	47,63	65	22,23	50	12	4	M10	3/8	
	1"	35,5	29	52,37	70	26,19	55	12	4	M10	3/8	
	1"1/4	42,5	34	58,72	79	30,18	68	12	4	M10	7/16	
	1"1/2	49,0	42	69,85	93	35,71	78	15	4	M12	1/2	
	2"	61	53	77,77	102	42,88	90	15	4	M12	1/2	
	2"1/2	77	64	88,90	114	50,80	105	15	4	M12	1/2	
	3"	90	80	106,38	134	61,93	124	20	5	M16	5/8	
	3"1/2	103	93	120,65	152	69,85	136	20	5	M16	5/8	
	4"	116	105	130,18	162	77,77	146	25	6	M16	5/8	

TRFF Flange piatte con tasca

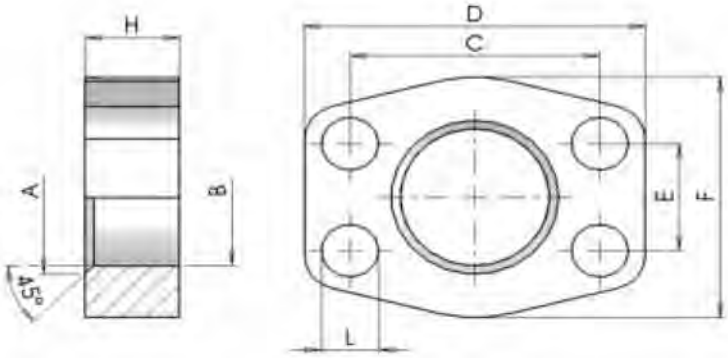
Poket Flat Flanges



max pressure	SAE	Dimensions									
bar	size	A	B	C	D	E	F	H	I	L	S
		6000 psi									
414	1/2"	17,0	14	40,49	56	18,24	48	14	9	9,0	19,5
	1/2"	22,0	16	40,49	56	18,24	48	14	9	9,0	24
	3/4"	27,0	20	50,80	71	23,80	60	18	9	11,0	29,5
	1"	34,0	26	57,15	81	27,76	70	22	13	14,0	36
	1"1/4	43,0	32	66,68	95	31,75	78	25	16	16,0	46

ORFF Flange piatte con foro passante

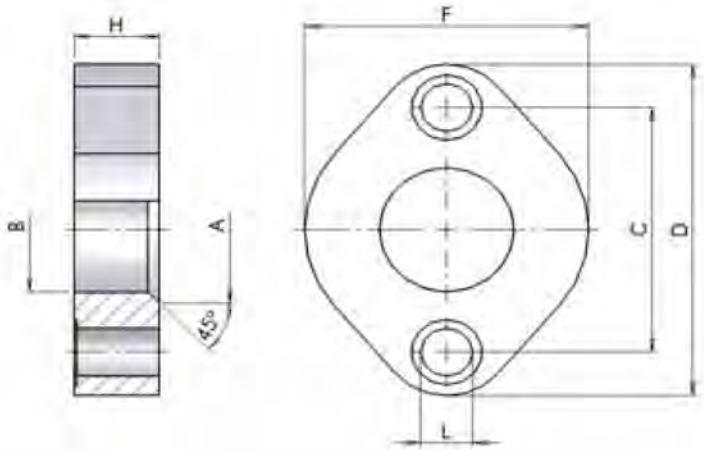
Flat Flanges With Through Hole



max pressure	SAE	Dimensions							
bar	size	A	B	C	D	E	F	H	L
		6000 psi							
414	1/2"	22	21	40,49	56	18,24	48	14	9
	1/2"	27	24	40,49	56	18,24	48	14	9
	3/4"	32	29	50,80	71	23,80	60	18	11
	1"	43	38	57,15	81	27,76	70	22	14
	1"1/4	49	44	66,68	95	31,75	78	25	16

ORFF 2F Flange ovali con foro passante

Oval Flanges With Through Hole

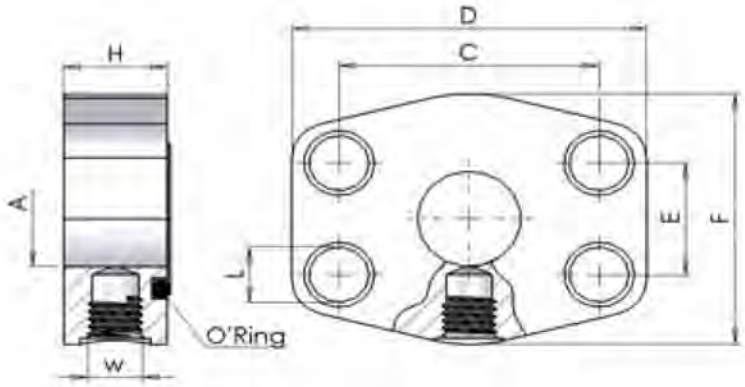


max pressure	SAE	Dimensions							
bar	size	A	B	C	D	F	H	L	
		6000 psi							
414	1/2"	22	20,5	44,40	60	48	14	8,5	
	1/2"	27	24,0	44,40	60	48	14	8,5	
	3/4"	32	28,5	56,10	76	60	18	10,5	
	1"	43	37,5	63,60	88	70	22	12,5	
	1"1/4	49	44,0	73,90	103	78	25	14,5	

C3FF
C6FF

Flange SAE per controllo di Pressione

Check Pressure Sae Flange

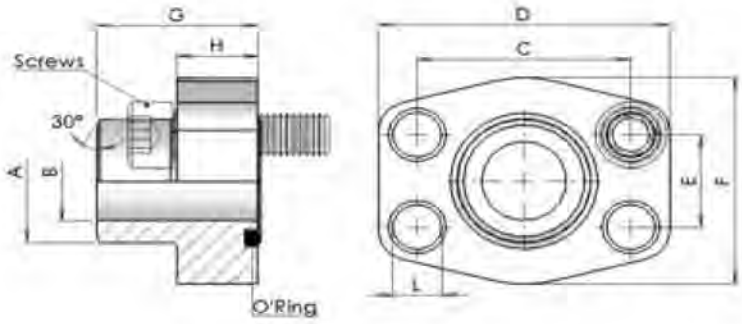


max pressure	SAE	Dimensions								O' R
bar	size	A	C	D	E	F	H	L	W	type
	3000 psi									
345	1"	25,0	52,37	71	26,19	60	19	11	M10 - G1/8	4131
276	1"1/4	32	58,72	81	30,18	68	20	12	M10 - M12 - G1/8 - G1/4	4150
207	1"1/2	38	69,85	95	35,71	78	25	14	M10 - M12 - G1/8 - G1/4	4187
	2"	51	77,77	102	42,88	90	19	14	M10 - G1/8	4225
172	2"1/2	63	88,90	114	50,80	105	19	14	M10 - G1/8	4275
138	3"	73	106,38	134	61,93	124	23	18	M10 - M12 - G1/8 - G1/4	4337
	6000 psi									
414	3/4"	19	50,80	71	23,80	60	19	11	M10 - G1/8	4100
	1"	25	57,15	81	27,76	70	22	13	M10 - M12 - G1/8 - G1/4	4131
	1"1/4	32	66,68	95	31,75	78	25	15	M10 - M12 - G1/8 - G1/4	4150
	1"1/2	38	79,38	112	36,50	94	28	17	M10 - M12 - G1/8 - G1/4	4187
	2"	51	96,82	134	44,45	114	28	21	M10 - M12 - G1/8 - G1/4	4225

03FB
06FB

Flange a saldare di testa

Weld On Flanges

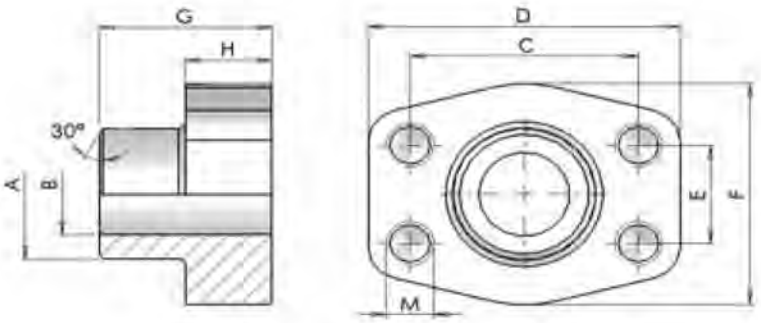


max pressure	SAE	Dimensions									Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	L	Metric	Unc	type
		3000 psi											
345	1/2"	21,5	13	38,10	57	17,48	46	36	16	9,0	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	38,10	57	17,48	46	36	16	9,0	M8x30	5/16x1"1/4	4075
	3/4"	28,0	19	47,63	65	22,23	50	36	18	11,0	M10x35	3/8x1"1/2	4100
	1"	34,0	25	52,37	70	26,19	55	38	18	11,0	M10x35	3/8x1"1/2	4131
276	1"1/4	42,8	32	58,72	79	30,18	68	41	21	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	48,6	38	69,85	93	35,71	78	44	25	13,5	M12x45	1/2x1"3/4	4187
	2"	61,0	51	77,77	102	42,88	90	45	25	13,5	M12x45	1/2x1"3/4	4225
172	2"1/2	77,0	63	88,90	114	50,80	105	50	25	13,5	M12x45	1/2x1"3/4	4275
138	3"	92,0	73	106,38	134	61,93	124	50	27	17,5	M16x50	5/8x2"	4337
34	3"1/2	103,0	89	120,65	152	69,85	136	48	27	17,5	M16x50	5/8x2"	4387
	4"	115,5	99	130,18	162	77,77	146	48	27	17,5	M16x50	5/8x2"	4437
		6000 psi											
414	1/2"	21,5	13	40,49	57	18,24	46	36	16	9	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	40,49	57	18,24	46	36	16	9	M8x30	5/16x1"1/4	4075
	3/4"	28,0	19	50,80	71	23,80	55	35	21	11	M10x40	3/8x1"1/2	4100
	1"	34,0	25	57,15	79	27,76	68	41	21	13	M12x45	7/16x1"3/4	4131
375	1"1/4	42,8	32	66,68	93	31,75	78	44	25	15	M14x45	1/2x1"3/4	4150
320	1"1/2	48,6	38	79,38	112	36,50	94	55	30	17	M16x50	5/8x2"	4187
250	2"	61,0	51	96,82	134	44,45	114	65	37	21	M20x70	3/4x2"1/2	4225
230	2"1/2	76,6	63	123,80	180	58,70	152	80	45	26	M24x80	--	4275
200	3"	90,0	73	152,40	208	71,40	178	90	55	33	M30x100	--	4337

03CB
06CB

Controflange a saldare di testa

Weld On Counter-Flanges

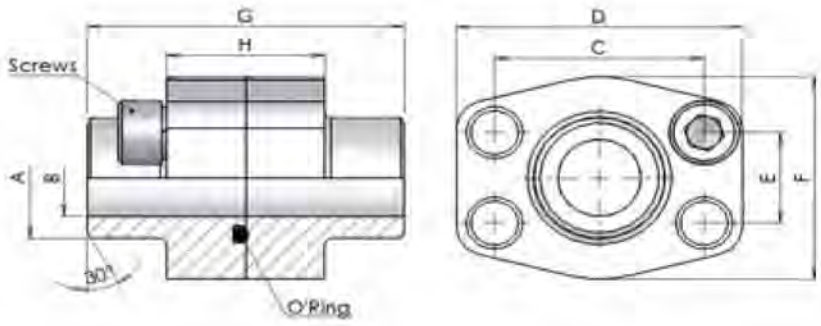


max pressure	SAE	Dimensions								Metric	Unc	
bar	size	A	B	C	D	E	F	G	H	M		
		3000 psi										
345	1/2"	21,5	13	38,10	57	17,48	46	36	16	M8	5/16	
	1/2"	17,5	13	38,10	57	17,48	46	36	16	M8	5/16	
	3/4"	28,0	19	47,63	65	22,23	50	36	18	M10	3/8	
	1"	34,0	25	52,37	70	26,19	55	38	18	M10	3/8	
276	1"1/4	42,8	32	58,72	79	30,18	68	41	21	M10	7/16	
207	1"1/2	48,6	38	69,85	93	35,71	78	44	25	M12	1/2	
	2"	61,0	51	77,77	102	42,88	90	45	25	M12	1/2	
172	2"1/2	77,0	63	88,90	114	50,80	105	50	25	M12	1/2	
138	3"	92,0	73	106,38	134	61,93	124	50	27	M16	5/8	
34	3"1/2	103,0	89	120,65	152	69,85	136	48	27	M16	5/8	
	4"	115,5	99	130,18	162	77,77	146	48	27	M16	5/8	
		6000 psi										
414	1/2"	21,5	13	40,49	57	18,24	46	36	16	M8	5/16	
	1/2"	17,5	13	40,49	57	18,24	46	36	16	M8	5/16	
	3/4"	28,0	19	50,80	71	23,80	55	35	21	M10	3/8	
	1"	34,0	25	57,15	79	27,76	68	41	21	M12	7/16	
375	1"1/4	42,8	32	66,68	93	31,75	78	44	25	M14	1/2	
320	1"1/2	48,6	38	79,38	112	36,50	94	55	30	M16	5/8	
250	2"	61,0	51	96,82	134	44,45	114	65	37	M20	3/4	
230	2"1/2	76,6	63	123,80	180	58,70	152	80	45	M24	----	
200	3"	90,0	73	152,40	208	71,40	178	90	55	M30	----	

03DB
06DB

Doppie Flange a saldare di testa

Weld On Double Flanges

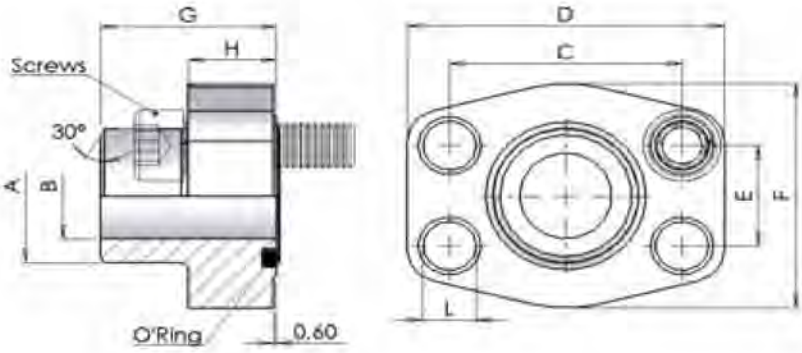


max pressure	SAE	Dimensions								Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	Metric	Unc	type
		3000 psi										
345	1/2"	21,5	13	38,10	57	17,48	46	72	32	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	38,10	57	17,48	46	72	32	M8x30	5/16x1"1/4	4075
	3/4"	28,0	19	47,63	65	22,23	50	72	36	M10x35	3/8x1"1/2	4100
	1"	34,0	25	52,37	70	26,19	55	76	36	M10x35	3/8x1"1/2	4131
276	1"1/4	42,8	32	58,72	79	30,18	68	82	42	M10x40	7/16x1"3/4	4150
207	1"1/2	48,6	38	69,85	93	35,71	78	88	50	M12x45	1/2x1"3/4	4187
	2"	61,0	51	77,77	102	42,88	90	90	50	M12x45	1/2x1"3/4	4225
172	2"1/2	77,0	63	88,90	114	50,80	105	100	50	M12x45	1/2x1"3/4	4275
138	3"	92,0	73	106,38	134	61,93	124	100	54	M16x50	5/8x2"	4337
34	3"1/2	103,0	89	120,65	152	69,85	136	96	54	M16x50	5/8x2"	4387
	4"	115,5	99	130,18	162	77,77	146	96	54	M16x50	5/8x2"	4437
		6000 psi										
414	1/2"	21,5	13	40,49	57	18,24	46	72	32	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	40,49	57	18,24	46	72	32	M8x30	5/16x1"1/4	4075
	3/4"	28,0	19	50,80	71	23,80	55	70	42	M10x40	3/8x1"1/2	4100
	1"	34,0	25	57,15	79	27,76	68	82	42	M12x45	7/16x1"3/4	4131
375	1"1/4	42,8	32	66,68	93	31,75	78	88	50	M14x45	1/2x1"3/4	4150
320	1"1/2	48,6	38	79,38	112	36,50	94	110	60	M16x50	5/8x2"	4187
250	2"	61,0	51	96,82	134	44,45	114	130	74	M20x70	3/4x2"1/2	4225
230	2"1/2	76,6	63	123,80	180	58,70	152	160	90	M24x80	----	4275
200	3"	90,0	73	152,40	208	71,40	178	180	110	M30x100	----	4337

M3FB
M6FB

Flange a saldare di testa tubo metrico foro cilindrico

Metric Pipe Cylindric Hole Weld On Flanges

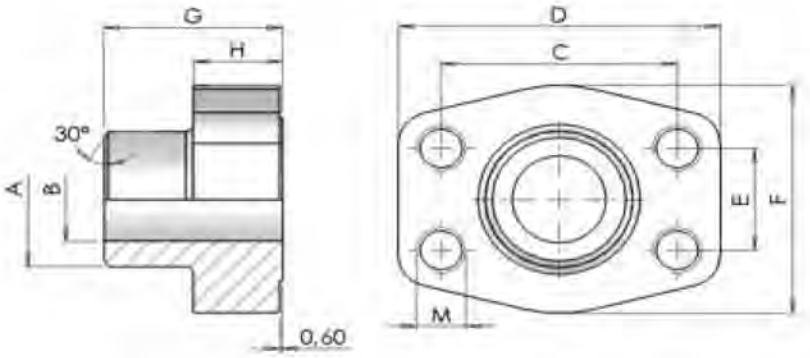


max pressure	SAE	Dimensions									Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	L	Metric	Unc	type
		3000 psi											
345	3/4"	25,0	19	47,63	65	22,23	50	36	18	11,0	M10x35	3/8x1"1/2	4100
	1"	30,0	22	52,37	70	26,19	55	38	18	11,0	M10x35	3/8x1"1/2	4131
276	1"1/4	38,0	30	58,72	79	30,18	68	41	21	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	42,0	36	69,85	93	35,71	78	45	25	13,5	M12x45	1/2x1"3/4	4187
	1"1/2	49,0	38	69,85	93	35,71	78	45	25	13,5	M12x45	1/2x1"3/4	4187
	2"	49,0	42	77,77	102	42,88	90	45	25	13,5	M12x45	1/2x1"3/4	4225
	2"	61,0	49	77,77	102	42,88	90	45	25	13,5	M12x45	1/2x1"3/4	4225
172	2"1/2	77,0	62	88,90	114	50,80	105	50	25	13,5	M12x45	1/2x1"3/4	4275
138	3"	77,0	70	106,38	134	61,93	124	51	26	17,5	M16x50	5/8x2"	4337
	3"	77,0	62	106,38	134	61,93	124	51	26	17,5	M16x50	5/8x2"	4337
34	3"1/2	77,0	70	120,65	152	69,85	136	48	26	17,5	M16x50	5/8x2"	4387
	3"1/2	90,0	82	120,65	152	69,85	136	48	26	17,5	M16x50	5/8x2"	4387
	4"	77,0	70	130,18	162	77,77	146	48	26	17,5	M16x50	5/8x2"	4437
	4"	90,0	82	130,18	162	77,77	146	48	26	17,5	M16x50	5/8x2"	4437
		6000 psi											
414	1/2"	20,0	14	40,49	57	18,24	46	34	16	9	M8x30	5/16x1"1/4	4075
	3/4"	20,0	14	50,80	71	23,80	55	35	21	11	M10x40	3/8x1"1/2	4100
	3/4"	25,0	17	50,80	71	23,80	55	35	21	11	M10x40	3/8x1"1/2	4100
	1"	25,0	19	57,15	81	27,76	65	42	25	13	M12x45	7/16x1"3/4	4131
	1"	30,0	22	57,15	81	27,76	65	42	25	13	M12x45	7/16x1"3/4	4131
	1"1/4	38,0	28	66,68	95	31,75	78	44	25	15	M14x45	1/2x1"3/4	4150
	1"1/2	38,0	28	79,38	112	36,50	94	56	28	17	M16x50	5/8x2"	4187
	2"	61,0	40	96,82	134	44,45	114	65	37	21	M20x70	3/4x2"1/2	4225
	2"1/2	76,6	50	123,80	180	58,70	152	80	45	26	M24x80	----	4275

M3CB
M6CB

Controflange a saldare di testa tubo metrico foro cilindrico

Metric Pipe Cylindric Hole Weld On Counter-Flanges

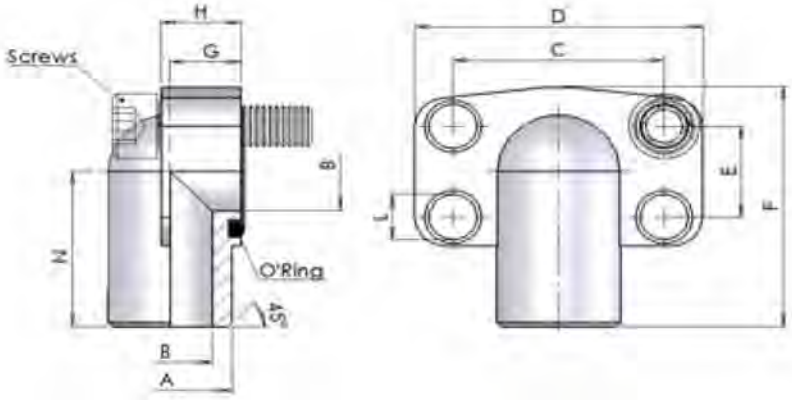


max pressure	SAE	Dimensions								Metric	Unc	
bar	size	A	B	C	D	E	F	G	H	M		
		3000 psi										
345	3/4"	25,0	19	47,63	65	22,23	50	36	18	M10	3/8	
	1"	30,0	22	52,37	70	26,19	55	38	18	M10	3/8	
276	1"1/4	38,0	30	58,72	79	30,18	68	41	21	M10	7/16	
207	1"1/2	42,0	36	69,85	93	35,71	78	45	25	M12	1/2	
	1"1/2	49,0	38	69,85	93	35,71	78	45	25	M12	1/2	
	2"	49,0	42	77,77	102	42,88	90	45	25	M12	1/2	
	2"	61,0	49	77,77	102	42,88	90	45	25	M12	1/2	
172	2"1/2	77,0	62	88,90	114	50,80	105	50	25	M12	1/2	
138	3"	77,0	70	106,38	134	61,93	124	51	26	M16	5/8	
	3"	77,0	62	106,38	134	61,93	124	51	26	M16	5/8	
34	3"1/2	77,0	70	120,65	152	69,85	136	48	26	M16	5/8	
	3"1/2	90,0	82	120,65	152	69,85	136	48	26	M16	5/8	
	4"	77,0	70	130,18	162	77,77	146	48	26	M16	5/8	
	4"	90,0	82	130,18	162	77,77	146	48	26	M16	5/8	
		6000 psi										
414	1/2"	20,0	14	40,49	57	18,24	46	34	16	M8	5/16	
	3/4"	20,0	14	50,80	71	23,80	55	35	21	M10	3/8	
	3/4"	25,0	17	50,80	71	23,80	55	35	21	M10	3/8	
	1"	25,0	19	57,15	81	27,76	65	42	25	M12	7/16	
	1"	30,0	22	57,15	81	27,76	65	42	25	M12	7/16	
	1"1/4	38,0	28	66,68	95	31,75	78	44	25	M14	1/2	
	1"1/4	38,0	26	66,68	95	31,75	78	44	25	M14	1/2	
	1"1/2	38,0	28	79,38	112	36,50	94	56	28	M16	5/8	
	1"1/2	48,6	32	79,38	112	36,50	94	56	28	M16	5/8	
	2"	61,0	40	96,82	134	44,45	114	65	37	M20	3/4	
	2"1/2	76,6	50	123,80	180	58,70	152	80	45	M24	---	

03BB
06BB

Flange a 90° a saldare di testa

Weld On 90° Flanges

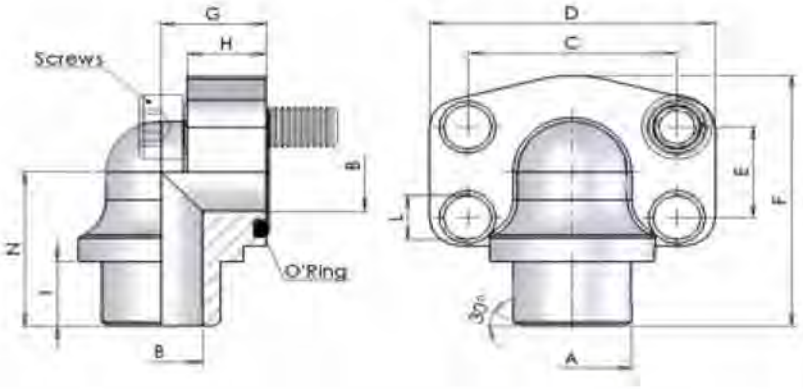


max pressure	SAE	Dimensions										Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	L	N	Metric	Unc	type
		3000 psi												
345	3/4"	27,2	19	47,63	70	22,23	63	23,0	21	11,0	41	M10x40	----	3100
	1"	34,5	23	52,37	75	26,19	72	25,0	24	11,0	48	M10x40	----	4112
276	1"1/4	43,0	31	58,72	86	30,18	82	27,0	25	11,5	54	M10x45	----	4150
207	1"1/2	50,0	35	69,85	97	35,71	92	31,5	29	14,0	57	M12x60	----	4187
	2"	65,0	48	77,77	100	42,88	99	37,5	50	14,0	63	M12x70	----	4225
		6000 psi												
414	3/4"	28,0	19	50,80	71	23,80	70	22,0	19	11	40	M10x35	3/8x1"1/2	4100
	1"	34,0	25	57,15	81	27,76	82	27,0	24	13	47	M12x45	7/16x1"3/4	4131
375	1"1/4	42,0	32	66,68	95	31,75	95	32,0	27	15	56	M14x45	1/2x1"3/4	4150
320	1"1/2	48,0	38	79,38	113	36,50	115	40,0	30	17	68	M16x55	5/8x2"	4187

03NB
06NB

Flange a 90° a saldare di testa

Weld On 90° Flanges

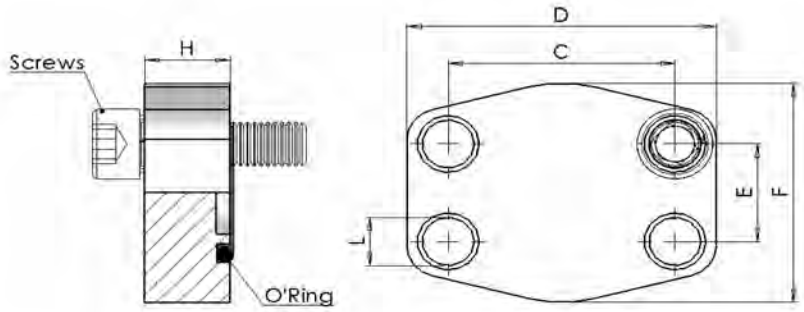


max pressure	SAE	Dimensions											Viti Screws		O' R
bar	size	A	B	C	D	E	F	G	H	I	L	N	Metric	Unc	type
		3000 psi													
345	1/2"	21,5	13	38,10	54	17,48	60	20,0	16	16,0	9	37	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	38,10	54	17,48	60	20,0	16	16,0	9	37	M8x30	5/16x1"1/4	4075
	3/4"	27,0	19	47,63	65	22,23	63	24,0	18	16,0	11	38	M10x35	3/8x1"1/2	4100
	1"	34,5	25	52,37	70	26,19	70	28,0	19	19,0	11	43	M10x35	3/8x1"1/2	4131
276	1"1/4	42,8	32	58,72	79	30,18	85	34,0	21	21,0	12	51	M10x40	7/16x1"3/4	4150
207	1"1/2	48,6	38	69,85	93	35,71	95	38,0	25	21,0	14	56	M12x45	1/2x1"3/4	4187
	2"	61,0	51	77,77	110	42,88	110	42,0	25	15,0	14	65	M12x45	1/2x1"3/4	4225
		6000 psi													
414	1/2"	21,5	13	40,49	54	18,24	60	20,0	16	16,0	9	37	M8x30	5/16x1"1/4	4075
	1/2"	17,5	13	40,49	54	18,24	60	20,0	16	16,0	9	37	M8x30	5/16x1"1/4	4075
	3/4"	28,0	19	50,80	70	23,80	70	28,0	19	17,0	11	43	M10x40	3/8x1"1/2	4100
	1"	34,0	25	57,15	79	27,76	85	34,0	21	19,0	13	51	M12x45	7/16x1"3/4	4131
	1"1/4	42,8	32	66,68	93	31,75	95	38,0	25	19,0	15	56	M14x45	1/2x1"3/4	4150
	1"1/2	48,6	38	79,38	110	36,50	110	42,0	25	24,0	17	65	M16x50	5/8x2"	4187
	2"	61,0	51	96,82	134	44,45	132	45,0	35	18,0	21	75	M20x70	3/4x2"1/2	4225
	2"	61,0	40	96,82	134	44,45	132	45,0	35	18,0	21	75	M20x70	3/4x2"1/2	4225
	2"	76,0	50	96,82	134	44,45	132	45,0	35	18,0	21	75	M20x70	3/4x2"1/2	4225

03FC
06FC

Flange cieche

Blind Flanges

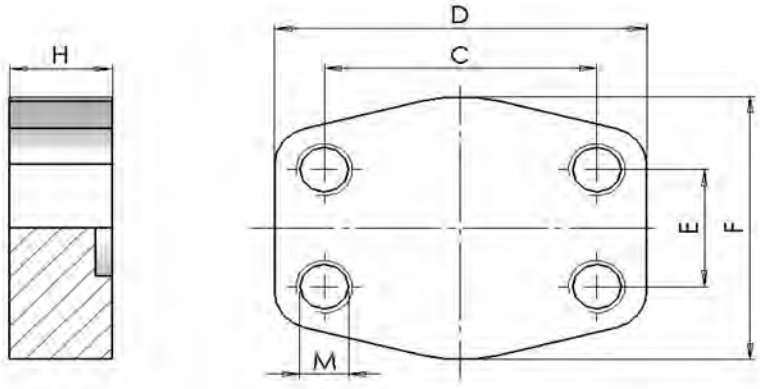


max pressure	SAE	Dimensions						Viti Screws		O' R
bar	size	C	D	E	F	H	L	Metric	Unc	type
		3000 psi								
345	1/2"	38,10	56	17,48	46	16	9,0	M8x30	5/16x1"1/4	4075
	3/4"	47,63	65	22,23	50	18	11,0	M10x35	3/8x1"1/2	4100
	1"	52,37	70	26,19	60	19	11,0	M10x35	3/8x1"1/2	4131
276	1"1/4	58,72	79	30,18	68	18	11,5	M10x40	7/16x1"3/4	4150
207	1"1/2	69,85	93	35,71	78	20	13,5	M12x45	1/2x1"3/4	4187
	2"	77,77	102	42,88	90	20	13,5	M12x45	1/2x1"3/4	4225
172	2"1/2	88,90	114	50,80	105	20	13,5	M12x45	1/2x1"3/4	4275
138	3"	106,38	134	61,93	124	24	17,5	M16x50	5/8x2"	4337
34	3"1/2	120,65	152	69,85	136	22	17,5	M16x50	5/8x2"	4387
	4"	130,18	162	77,77	146	25	17,5	M16x50	5/8x2"	4437
		6000 psi								
414	1/2"	40,49	56	18,24	48	16	9	M8x30	5/16x1"1/4	4075
	3/4"	50,80	71	23,80	60	19	11	M10x35	3/8x1"1/2	4100
	1"	57,15	81	27,76	70	24	13	M12x45	7/16x1"3/4	4131
	1"1/4	66,68	95	31,75	78	27	15	M14x45	1/2x1"3/4	4150
	1"1/2	79,38	112	36,50	94	30	17	M16x50	5/8x2"	4187
	2"	96,82	134	44,45	114	30	21	M20x60	3/4x2"1/2	4225
	2"1/2	123,80	180	58,70	152	45	26	M24x80	-	4275
	3"	152,40	208	71,40	178	55	33	M30x100	-	4337

03CC
06CC

Controflange cieche

Blind Counter-Flanges

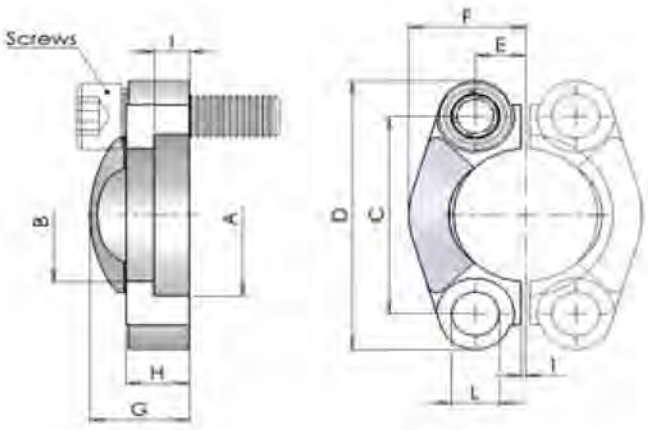


max pressure	SAE	Dimensions					Metric	Unc
bar	size	C	D	E	F	H	M	
		3000 psi						
345	1/2"	38,10	56	17,48	46	16	M8x30	5/16
	3/4"	47,63	65	22,23	50	18	M10x35	3/8
	1"	52,37	70	26,19	60	19	M10x35	3/8
276	1"1/4	58,72	79	30,18	68	18	M10x40	7/16
207	1"1/2	69,85	93	35,71	78	20	M12x45	1/2
	2"	77,77	102	42,88	90	20	M12x45	1/2
172	2"1/2	88,90	114	50,80	105	20	M12x45	1/2
138	3"	106,38	134	61,93	124	24	M16x50	5/8
34	3"1/2	120,65	152	69,85	136	22	M16x50	5/8
	4"	130,18	162	77,77	146	25	M16x50	5/8
		6000 psi						
414	1/2"	40,49	56	18,24	48	16	M8x30	5/16
	3/4"	50,80	71	23,80	60	19	M10x35	3/8
	1"	57,15	81	27,76	70	24	M12x45	7/16
	1"1/4	66,68	95	31,75	78	27	M14x45	1/2
	1"1/2	79,38	112	36,50	94	30	M16x50	5/8
	2"	96,82	134	44,45	114	30	M20x60	3/4
	2"1/2	123,80	180	58,70	152	45	M24x100	----
	3"	152,40	208	71,40	178	55	M30x100	----

03S0
06S0

Semiflange tagliate

Cut Split Flanges

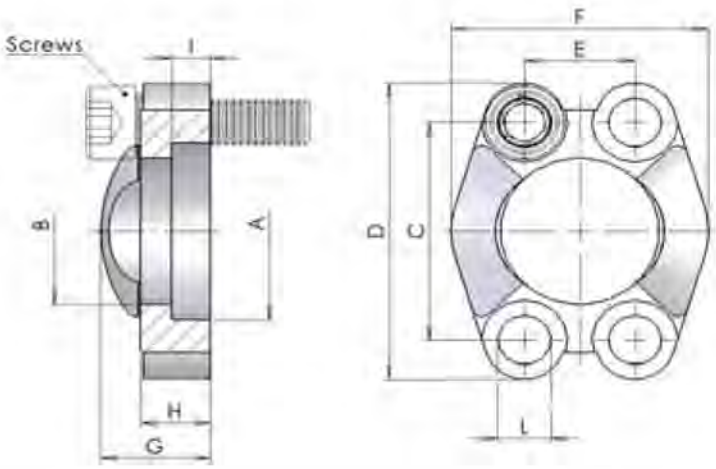


max pressure	SAE	Dimensions										Viti Screws	
bar	size	A	B	C	D	E	F	G	H	I	L	Metric	Unc
		3000 psi											
345	1/2"	30,96	24,26	38,10	54	8,74	22,8	19	13	6,22	8,75	M8x30	5/16x1"1/4
	3/4"	38,89	32,13	47,63	65	11,13	25,9	22	14	6,22	10,75	M10x35	3/8x1"1/2
	1"	45,24	38,48	52,37	70	13,08	29,2	24	16	7,49	10,75	M10x35	3/8x1"1/2
276	1"1/4	51,59	43,69	58,72	79	15,09	36,3	22	14	7,49	12,00	M10x35	----
207	1"1/2	61,09	50,80	69,85	94	17,86	41,1	25	16	7,49	13,50	M12x35	----
	2"	72,24	62,74	77,77	102	21,44	48,2	26	16	9,02	13,50	M12x35	----
172	2"1/2	84,94	74,93	88,90	114	25,40	54,1	38	19	9,02	13,50	M12x40	1/2x1"3/4
138	3"	102,39	90,93	106,38	135	30,96	65,3	41	22	9,02	17,00	M16x50	5/8x2"
34	3"1/2	115,1	102,36	120,65	152	34,92	69,5	28	22	10,72	17,00	M16x50	5/8x2"
	4"	127,79	115,06	130,18	162	38,88	76,0	35	25	10,72	17,00	M16x50	5/8x2"
		6000 psi											
414	1/2"	32,54	24,64	40,49	56	9,12	23,6	22	16	7,24	8,75	M8x30	5/16x1"1/4
	3/4"	42,06	32,51	50,80	71	11,91	30,0	28	19	8,26	11,00	M10x35	3/8x1"1/2
	1"	48,41	38,86	57,15	81	13,89	34,8	33	24	9,02	13,00	M12x45	----
	1"1/4	54,76	44,45	66,68	95	15,88	38,6	38	27	9,78	15,00	----	----
	1"1/2	64,29	51,56	79,38	113	18,26	47,5	43	30	12,07	17,00	M16x50	5/8x2"
	2"	80,16	67,56	96,82	133	22,23	56,9	52	37	12,07	21,00	M20x70	3/4x2"1/2

03SI
06SI

Semiflange intere

Uncut Split Flanges

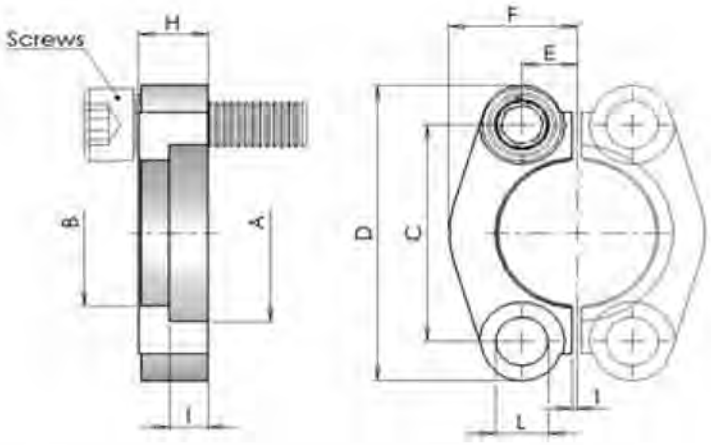


max pressure	SAE	Dimensions										Viti Screws	
bar	size	A	B	C	D	E	F	G	H	I	L	Metric	Unc
		3000 psi											
345	1/2"	30,96	24,26	38,10	54	17,48	45,6	19	13	6,22	8,75	M8x30	5/16x1"1/4
	3/4"	38,89	32,13	47,63	65	22,23	51,8	22	14	6,22	10,75	M10x35	3/8x1"1/2
	1"	45,24	38,48	52,37	70	26,19	58,4	24	16	7,49	10,75	M10x35	3/8x1"1/2
276	1"1/4	51,59	43,69	58,72	79	30,18	72,6	22	14	7,49	12,00	M10x35	----
207	1"1/2	61,09	50,80	69,85	94	35,71	82,2	25	16	7,49	13,50	M12x35	----
	2"	72,24	62,74	77,77	102	42,88	96,4	26	16	9,02	13,50	M12x35	----
172	2"1/2	84,94	74,93	88,90	114	50,80	108,2	38	19	9,02	13,50	M12x40	1/2x1"3/4
138	3"	102,39	90,93	106,38	135	61,93	130,6	41	22	9,02	16,75	M16x50	5/8x2"
34	3"1/2	115,1	102,36	120,65	152	69,85	139,0	28	22	10,72	17,00	M16x50	5/8x2"
	4"	127,79	115,06	130,18	162	77,77	152,0	35	25	10,72	17,00	M16x50	5/8x2"
		6000 psi											
414	1/2"	32,54	24,64	40,49	56	18,24	47,2	22	16	7,24	8,75	M8x30	5/16x1"1/4
	3/4"	42,06	32,51	50,80	71	23,80	60,0	28	19	8,26	11,00	M10x35	3/8x1"1/2
	1"	48,41	38,86	57,15	81	27,76	69,6	33	24	9,02	13,00	M12x45	----
	1"1/4	54,76	44,45	66,68	95	31,75	77,2	38	27	9,78	15,00	M14x45	----
	1"1/2	64,29	51,56	79,38	113	36,50	95,0	43	30	12,07	17,00	M16x50	5/8x2"
	2"	80,16	67,56	96,82	133	44,45	113,8	52	37	12,07	21,00	M20x70	3/4x2"1/2

P3S0
P6S0

Semiflange piatte tagliate

Cut Flat Split Flanges

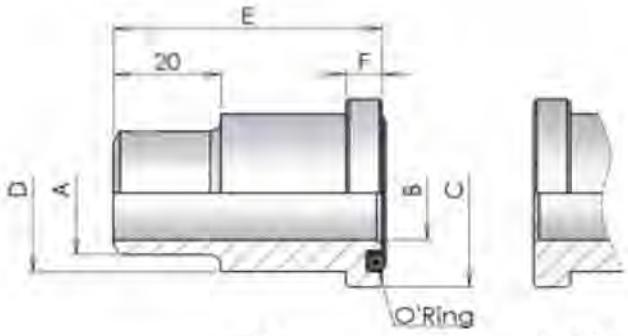


max pressure	SAE	Dimensions									Viti Screws	
bar	size	A	B	C	D	E	F	H	I	L	Metric	Unc
		3000 psi										
345	1/2"	30,96	24,26	38,10	54	8,74	22,8	13	6,22	8,75	M8x30	5/16x1"1/4
	3/4"	38,89	32,13	47,63	65	11,13	25,9	14	6,22	10,75	M10x35	3/8x1"1/2
	1"	45,24	38,48	52,37	70	13,08	29,2	16	7,49	10,75	M10x35	3/8x1"1/2
276	1"1/4	51,59	43,69	58,72	79	15,09	36,3	16	7,49	12,00	M10x35	----
207	1"1/2	61,09	50,80	69,85	94	17,86	41,1	16	7,49	13,50	M12x35	----
	2"	72,24	62,74	77,77	102	21,44	48,2	16	9,02	13,50	M12x35	----
		6000 psi										
414	1/2"	32,54	24,64	40,49	56	9,12	23,6	16	7,24	8,75	M8x30	5/16x1"1/4
	3/4"	42,06	32,51	50,80	71	11,91	30,0	19	8,26	11,00	M10x35	3/8x1"1/2
	1"	48,41	38,86	57,15	81	13,89	34,8	24	9,02	13,00	M12x45	----
	1"1/4	54,76	44,45	66,68	95	15,88	38,6	27	9,78	15,00	M14x45	----
	1"1/2	64,29	51,56	79,38	113	18,26	47,5	30	12,07	17,00	M16x50	5/8x2"
	2"	80,16	67,56	96,82	133	22,23	56,9	37	12,07	21,00	M20x70	3/4x2"1/2

M3EB
M6EB

Codoli a saldare di testa per tubo metrico

Weld On Adapters for Metric Tube



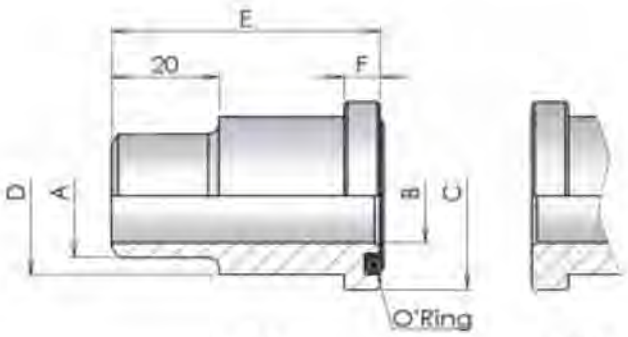
TIPO A TIPO B

max pressure	SAE	Dimensions						O' R
bar	size	A	B	C	D	E	F	type
	3000 psi							
345	1/2"	16,0	12	30,2	24,0	41	6,73	4075
	3/4"	25,0	19	38,1	32,0	50	6,73	4100
	1"	30,0	22	44,4	38,0	50	8,00	4131
276	1"1/4	38,0	28	50,8	43,0	55	8,00	4150
207	1"1/2	45,0	35	60,3	50,0	57	8,00	4187
	2"	60,0	50	71,4	62,0	57	9,53	4225
172	2"1/2	70,0	55	84,1	74,0	58	9,53	4275
138	3"	80,0	68	101,6	90,0	60	9,53	4337
34	3"1/2	100,0	89	114,3	102,0	80	11,20	4387
	4"	114,3	99	127,0	114,3	80	11,20	4437
	6000 psi							
414	1/2"	16,0	12	31,8	24,0	34	7,75	4075
	3/4"	25,0	18	41,3	32,0	38	8,76	4100
	1"	30,0	22	47,6	38,0	40	9,53	4131
	1"1/4	38,0	27	54,0	44,0	45	10,29	4150
	1"1/2	45,0	32	63,5	51,0	50	12,57	4187
	2"	60,0	45	79,4	67,0	58	12,57	4225

03EB
06EB

Codoli a saldare di testa

Weld On Adapters



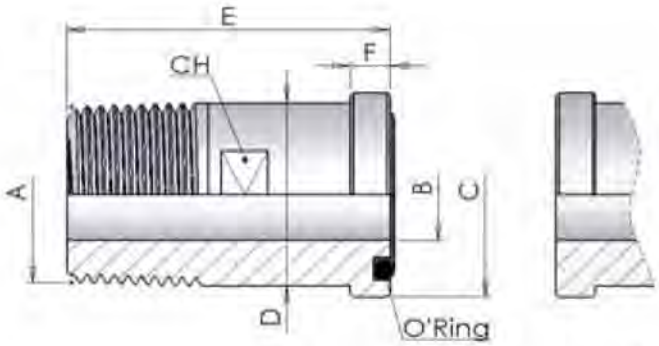
TIPO A TIPO B

max pressure	SAE	Dimensions						O' R
bar	size	A	B	C	D	E	F	type
	3000 psi							
345	1/2"	21,5	13	30,2	24	41	6,73	4075
	3/4"	28,0	19	38,1	32	50	6,73	4100
	1"	34,0	25	44,4	38	50	8,00	4131
276	1"1/4	42,8	32	50,8	43	55	8,00	4150
207	1"1/2	48,6	38	60,3	50	57	8,00	4187
	2"	61,0	51	71,4	62	57	9,53	4225
	6000 psi							
414	1/2"	21,5	13	31,8	24	34	7,75	4075
	3/4"	28,0	19	41,3	32	38	8,76	4100
	1"	34,0	25	47,6	38	40	9,53	4131
	1"1/4	42,8	32	54,0	44	45	10,29	4150
	1"1/2	48,6	38	63,5	51	50	12,57	4187
	2"	61,0	51	79,4	67	58	12,57	4225

K3E0
K6E0

Codoli Filettati BSPT

BSP Tapered Threaded Adapters



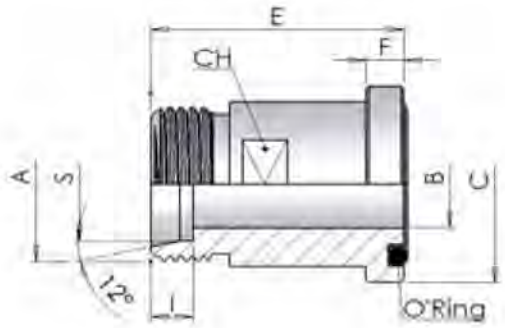
TIPO A TIPO B

max pressure	SAE	Dimensions							O' R
bar	size	A	B	C	D	E	F	CH	type
		3000 psi							
345	1/2"	1/2" - BSPT	12	30,2	24	50	6,73	19	4075
	3/4"	3/4" - BSPT	17	38,1	32	55	6,73	27	4100
	1"	1" - BSPT	22	44,4	38	60	8,00	32	4131
276	1"1/4	1"1/4 - BSPT	27	50,8	43	65	8,00	41	4150
207	1"1/2	1"1/2 - BSPT	32	60,3	50	70	8,00	46	4187
	2"	2" - BSPT	40	71,4	62	75	9,53	55	4225
		6000 psi							
414	1/2"	1/2" - BSPT	12	31,8	24	50	7,75	19	4075
	3/4"	3/4" - BSPT	17	41,3	32	60	8,76	26	4100
	1"	1" - BSPT	22	47,6	38	70	9,53	32	4131
	1"1/4	1"1/4 - BSPT	27	54,0	44	75	10,29	36	4150
	1"1/2	1"1/2 - BSPT	32	63,5	51	80	12,57	41	4187
	2"	2" - BSPT	40	79,4	67	90	12,57	55	4225

D3E0
D6E0

Codoli Filettati Metrici attacco DIN 3901-3902

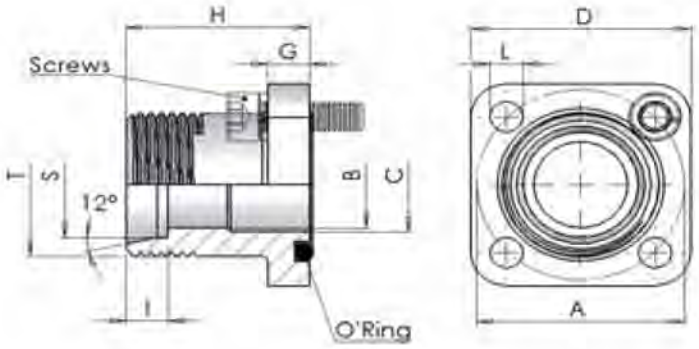
DIN 3901-3902 Metric Threaded Adapters



max pressure	SAE	Dimensions									O' R
bar	size	A	type	B	C	E	F	I	S	CH	type
		3000 psi									
315	1/2"	M22x1,5	L	12	30,2	48	6,73	7,0	15	24	4075
350	1/2"	M24x1,5	S	12	30,2	50	6,73	8,5	16	24	4075
315	3/4"	M26x1,5	L	15	38,1	53	6,73	7,5	18	30	4100
160	3/4"	M30x2	L	19	38,1	53	6,73	7,5	22	30	4100
350	3/4"	M30x2	S	16	38,1	57	6,73	10,5	20	30	4100
	3/4"	M36x2	S	17	38,1	57	6,73	12,0	25	30	4100
160	1"	M30x2	L	19	44,4	56	8,00	7,5	22	27	4131
	1"	M36x2	L	24	44,4	54	8,00	7,5	28	36	4131
350	1"	M36x2	S	20	44,4	58	8,00	12,0	25	36	4131
	1"	M42x2	S	24	44,4	63	8,00	13,5	30	36	4131
160	1"1/4	M36x2	L	22	50,8	58	8,00	7,5	28	36	4150
	1"1/4	M45x2	L	30	50,8	58	8,00	10,5	35	41	4150
280	1"1/4	M36x2	S	20	50,8	60	8,00	12,0	25	41	4150
	1"1/4	M42x2	S	25	50,8	62	8,00	13,5	30	41	4150
	1"1/4	M52x2	S	28	50,8	66	8,00	16,0	38	41	4150
160	1"1/2	M52x2	L	36	60,3	64	8,00	11,0	42	46	4187
210	1"1/2	M52x2	S	32	60,3	70	8,00	16,0	38	46	4187
		6000 psi									
400	1/2"	M24x1,5	S	12	31,8	53	7,75	8,5	16	24	4075
	3/4"	M24x1,5	S	12	41,3	59	8,76	8,5	16	30	4100
	3/4"	M30x2	S	16	41,3	61	8,76	10,5	20	30	4100
	3/4"	M36x2	S	17	41,3	63	8,76	12,0	25	30	4100
	3/4"	M42x2	S	18	41,3	64	8,76	13,5	30	36	4100
	1"	M36x2	S	20	47,6	72	9,53	12,0	25	36	4131
	1"	M42x2	S	24	47,6	74	9,53	13,5	30	36	4131
	1"1/4	M42x2	S	25	54,0	79	10,29	13,5	30	41	4150
	1"1/4	M52x2	S	30	54,0	83	10,29	16,0	38	46	4150
	1"1/2	M52x2	S	30	63,5	89	12,57	16,0	38	46	4187

D0MD Raccordi Diritti Filettati Metrici DIN 2353

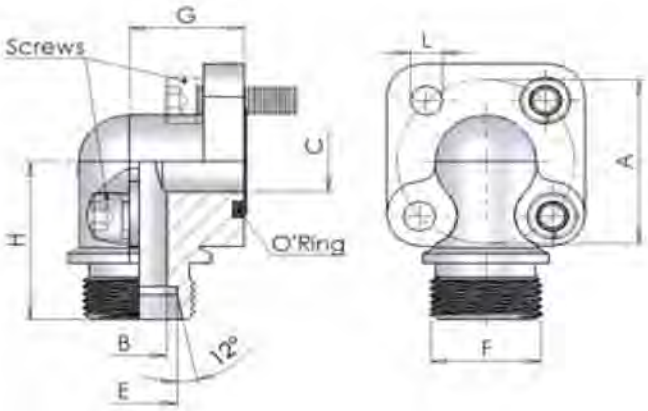
DIN 2353 Metric Threaded Straight Connectors



max pressure	Dimensions									Viti Screws	O' R
bar	A	B	C	D	S	T	G	H	L	Metric	type
315	35	8	12	39	10	M16x1,5	8	30	6,4	M6x20	3075
	35	10	12	39	12	M18x1.5	8	30	6,4	M6x20	3075
250	35	12	12	39	15	M22x1.5	8	30	6,4	M6x20	3075
	35	12	12	39	16	M24x1.5	8	30	6,4	M6x20	3075
	35	12	12	39	18	M26x1.5	8	30	6,4	M6x20	3075
100	40	12	19	42	15	M22x1.5	8	35	6,4	M6x20	132
	40	15	19	42	18	M26x1.5	8	35	6,4	M6x20	132
	40	19	19	42	22	M30x2	8	35	6,4	M6x20	132
	40	20	20	42	28	M36x2	8	42	6,4	M6x20	132

D0G4 Raccordi a 4 Fori a 90° Filettati Metrici DIN 2353

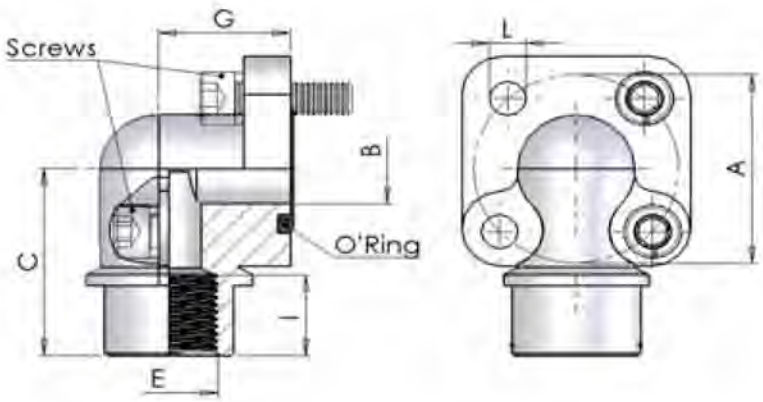
DIN 2353 Metric Threaded 90° Connectors with 4 Fixing Holes



max pressure	Dimensions								Viti Screws	O' R
bar	A	B	C	E	F	G	H	L	Metric	type
300	35	8	13	10	M16x1,5	18	41,5	6,4	N.2 M6x35 N.2 M6x20	3075
300	35	10	13	12	M18x1.5	18	41,5	6,4	N.2 M6x35 N.2 M6x20	3075
250	35	12	13	15	M22x1.5	18	41,5	6,4	N.2 M6x35 N.2 M6x20	3075
250	35	12	13	16	M24x1.5	18	41,5	6,4	N.2 M6x35 N.2 M6x20	3075
250	35	12	13	18	M26x1.5	18	41,5	6,4	N.2 M6x35 N.2 M6x20	3075
100	40	12	19	15	M22x1.5	24	41,5	6,4	N.2 M6x45 N.2 M6x20	132
100	40	15	19	18	M26x1.5	24	41,5	6,4	N.2 M6x45 N.2 M6x20	132
100	40	17	19	22	M30x2	24	41,5	6,4	N.2 M6x45 N.2 M6x20	132

G0G4 Raccordi a 4 Fori a 90° Filettati BSP

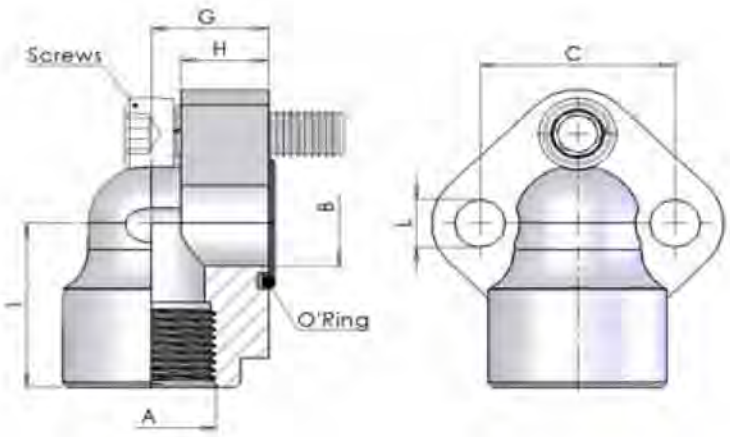
BSP Threaded 90° Connectors with 4 Fixing Holes



max pressure	Dimensions							Viti Screws	O' R
bar	A	B	C	D	E	G	L	Metric	type
300	35	13	41,5	16	3/8"GAS	18	6,4	N.2 M6x35 N.2 M6x20	3075
300	35	13	41,5	19	1/2"GAS	18	6,4 N.2	N.2 M6x35 M6x20	3075
300	40	19	41,5	19	1/2"GAS	24	6,4	N.2 M6x45 N.2 M6x20	132
300	40	19	41,5	19	3/4"GAS	24	6,4 N.2	N.2 M6x45 M6x20	132

G0G3 Raccordi Pompa 3 Fori

Pump Elbows With Three Fixing Holes



max pressure	Gruppo Pompa	Dimensions							Viti Screws	O' R
bar		A	B	C	G	H	I	L	Metric	type
300	0,5	3/8" GAS	11	26	17	8	24	5,3	M5x20	2056
300	0,5	1/2" GAS	11	26	17	8	24	5,3	M5x20	2056
300	1,0	3/8" GAS	12	30	17	8	24	6,4	M6x20	121
300	1,0	1/2" GAS	12	30	17	8	26	6,4	M6x20	121
300	2,0	1/2" GAS	19	40	21	10	30	8,5	M8x25A	132
300	2,0	3/4" GAS	19	40	21	10	30	8,5	M8x25A	132
300	3,0	3/4" GAS	26	51	26	13	45	10,5	M10x30A	3125
300	3,0	1" GAS	26	51	26	13	45	10,5	M10x30A	3125
300	3,0	3/4" GAS	26	56	26	13	45	10,5	M10x30A	3125
300	3,0	1" GAS	26	56	26	13	45	10,5	M10x30A	3125

M3SC
M6SC

Kit per flange SAE - (Metrico)*

*Kit for SAE flange - (Metric)**

SAE	O' R			Viti Screws	Rondelle Waschers
size	code	d1	d2	code	code
3000 psi					
1/2"	8-4075	18,64	3,53	VSEIM-08x30	RVSM-08
3/4"	8-4100	24,99	3,53	VSEIM-10x35	RVSM-10
1"	8-4131	32,92	3,53	VSEIM-10x40	RVSM-10
1"1/4	8-37,69X3,53	37,69	3,53	VSEIM-10x40	RVSM-10
1"1/2	8-4187	47,22	3,53	VSEIM-12x45	RVSM-12
2"	8-4225	56,74	3,53	VSEIM-12x45	RVSM-12
2"1/2	8-4275	69,44	3,53	VSEIM-12x45	RVSM-12
3"	8-4337	85,32	3,53	VSEIM-16x50	RVSM-16
3"1/2	8-4387	98,02	3,53	VSEIM-16x50	RVSM-16
4"	8-4437	110,72	3,53	VSEIM-16x50	RVSM-16
6000 psi					
1/2"	8-4075	18,64	3,53	VSEIM-08x30	RVSM-08
3/4"	8-4100	24,99	3,53	VSEIM-10x40	RVSM-10
1"	8-4131	32,92	3,53	VSEIM-12x45	RVSM-12
1"1/4	8-37,69X3,53	37,69	3,53	VSEIM-14x45	RVSM-14
1"1/2	8-4187	47,22	3,53	VSEIM-16x50	RVSM-16
2"	8-4225	56,74	3,53	VSEIM-20x70	RVSM-20
2"1/2	8-4275	69,44	3,53	VSEIM-24x80	RVSM-24
3"	8-4337	85,32	3,53	VSEIM-30x100	RVSM-30

* - Il Kit per flange SAE (metrico), è composto da n.4 viti metriche, n. 4 rondelle e da 1 o-ring.
* - *The Kit for SAE flange (metric), is composed by n.4 metric screws, n. 4 washers and n.1 o-ring.*

U3SC
U6SC

Kit per flange SAE - (UNC)*

*Kit for SAE flange - (UNC)**

SAE	O' R			Viti Screws	Rondelle Waschers
size	code	d1	d2	code	code
3000 psi					
1/2"	8-4075	18,64	3,53	VSEIU-5/16x1-1/4	RVSU-5/16
3/4"	8-4100	24,99	3,53	VSEIU-3/8x1-1/2	RVSU-3/8
1"	8-4131	32,92	3,53	VSEIU-3/8x1-1/2	RVSU-3/8
1"1/4	8-37,69X3,53	37,69	3,53	VSEIU-7/16x1-3/4	RVSU-7/16
1"1/2	8-4187	47,22	3,53	VSEIU-1/2x1-3/4	RVSU-1/2
2"	8-4225	56,74	3,53	VSEIU-1/2x1-3/4	RVSU-1/2
2"1/2	8-4275	69,44	3,53	VSEIU-1/2x1-3/4	RVSU-1/2
3"	8-4337	85,32	3,53	VSEIU-5/8x2	RVSU-5/8
3"1/2	8-4387	98,02	3,53	VSEIU-5/8x2	RVSU-5/8
4"	8-4437	110,72	3,53	VSEIU-5/8x2	RVSU-5/8
6000 psi					
1/2"	8-4075	18,64	3,53	VSEIU-5/16x1-1/4	RVSU-5/16
3/4"	8-4100	24,99	3,53	VSEIU-3/8x1-1/2	RVSU-3/8
1"	8-4131	32,92	3,53	VSEIU-7/16x1-3/4	RVSU-7/16
1"1/4	8-37,69X3,53	37,69	3,53	VSEIU-1/2x1-3/4	RVSU-1/2
1"1/2	8-4187	47,22	3,53	VSEIU-5/8x2	RVSU-5/8
2"	8-4225	56,74	3,53	VSEIU-3/4x2-1/2	RVSU-3/4

* - Il Kit per flange SAE (UNC), è composto da n.4 viti UNC, n. 4 rondelle e da 1 o-ring.
* - *The Kit for SAE flange (UNC), is composed by n.4 UNC screws, n. 4 washers and n.1 o-ring.*

AV80 Innesti rapidi ISO 7241-1 Parte A

Quick-release couplings ISO 7241-1 Part A

Caratteristiche:

- Gli innesti rapidi serie 80AV sono costruiti a seconda della norma ISO 7241-1 parte A
- Intercambiabilità secondo ISO 7241-1 parte A
- Occlusione a valvola
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR) -25°C + 125°C
- Innestabilità in assenza di pressione.
- Disinnestabilità in pressione non consentita.
- A richiesta è disponibile la versione innestabile con pressione residua unicamente per il Ø 1/2".
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

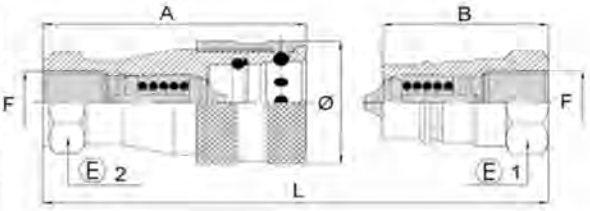
Feature:

- *The series 80AV quick couplings are manufactured according to the ISO 7241-1 part A standard*
- *Interchangeability: according to ISO 7241-1 part A standard*
- *Shut-off poppet valve system*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR). On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability without pressure*
- *Disconnection under pressure is not allowed*
- *On request, size 1/2" only is available with connectability in presence of residual pressure*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base / *Size*	DN		Pressione / *Pressure*			Portata / *Rated Flow*	Peso / *Weight*	
							Femmina / *Female*	Maschio / *Male*
			WP	BP*	ΔP			
	mm	inch	bar			l/m	Kg	Kg
04	6,3	1/4"	350	1400	5,5	12	0,080	0,045
06	10,0	3/8"	300	1200	1,0	23	0,150	0,055
08	12,5	1/2"	250	1000	1,2	45	0,270	0,090
12	20,0	3/4"	250	1000	0,9	74	0,465	0,185
16	25,0	1"	230	920	0,8	100	0,720	0,270
20	31,5	1"1/4	230	920	0,7	189	1,250	0,600
24	38,0	1"1/2	190	760	0,7	288	2,100	0,900
32	50,0	2"	130	520	0,5	379	4,150	1,450



Applicazioni

E' l'innesto rapido più comunemente utilizzato nelle svariate applicazioni oleodinamiche dei settori industriale e agricolo. La sua costruzione robusta lo rende idoneo anche per il settore mobile come autoribaltabili, connessioni per rimorchi spazzaneve, ecc..

Application

It is the quick release coupling most used in a wide range of hydraulic applications including industrial and agricultural. Rugged construction makes it a good choice for mobile applications including dump trucks, trucks trailer connections, snowplows etc...

Dimensioni

Dimension

Base / *Size*	DN		Filetto* / *Thread**	Dimensioni / *Dimension*					
	mm	Poll.	F	A	B	Ø	L	E_1	E_2
04	6,3	1/4"	1/4" BSPP	47	34,5	25	68	19	19
06	10	3/8"	3/8" BSPP	58	39,0	31	80	22	24
08	12,5	1/2"	1/2" BSPP	67	45,0	38	91	27	30
12	20	3/4"	3/4" BSPP	81	54,5	46	109	34	38
16	25	1"	1" BSPP	96	62,0	55	124	41	45
20	31,5	1"1/4	1"1/4 BSPP	117	75,0	65	151	55	50
24	38	1"1/2	1"1/2 BSPP	123	85,0	80	171	60	60
32	50	2"	2" BSPP	160	100,0	100	201	75	75

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

BV80 Innesti rapidi ISO 7241-1 Parte B

Quick-release couplings ISO 7241-1 Part B

Caratteristiche:

- Gli innesti rapidi serie 80BV sono costruiti a seconda della norma ISO 7241-1 parte B
- Intercambiabilità secondo ISO 7241-1 parte B
- Occlusione a valvola
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR):-25°C + 125°C
- Innestabilità in assenza di pressione.
- Disinnestabilità in pressione non consentita.
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

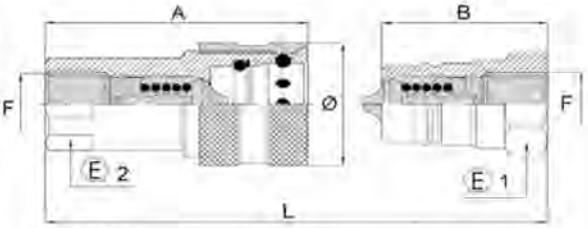
Feature:

- *The series 80BV quick couplings are manufactured according to the ISO 7241-1 part B standard*
- *Interchangeability: according to ISO 7241-1 part B standard*
- *Shut-off poppet valve system*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability without pressure*
- *Disconnection under pressure is not allowed*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base	DN		Pressione			Portata	Peso / Weight	
							Femmina	Maschio
Size			*Pressure*			*Rated Flow*	*Female*	*Male*
			WP	*BP*	*ΔP*			
	mm	inch	bar			l/m	Kg	Kg
02	5,0	1/8"	350	1400	0,70	3	0,070	0,020
04	6,3	1/4"	350	1400	1,80	12	0,120	0,040
06	10,0	3/8"	300	1200	0,70	23	0,220	0,070
08	12,5	1/2"	280	1120	1,00	45	0,322	0,102
12	20,0	3/4"	230	920	0,65	74	0,585	0,195
16	25,0	1"	150	600	5,00	100	0,860	0,370



Applicazioni

Innesto rapido multiuso più impiegato nell'impiantistica industriale. Principalmente utilizzato per fluidi idraulici, è anche adoperato con fluidi chimici, alcuni gas, acqua e vapore.

Application

It is the general purpose coupling most used accross the range of hydraulic applications in industry. Primarily used with hydraulic fluid, the general purpose coupling is also used with chemicals, some gases, water and steam.

Dimensioni

Dimension

Base *Size*	DN		Filetto* *Thread**	Dimensioni *Dimension*					
	mm	inch	F	A	B	Ø	L	E_1	E_2
02	5,0	1/4"	1/8" BSPP	49	30	23	63,0	14	14
04	6,3	1/4"	1/4" BSPP	57	35	27	70,5	19	19
06	10,0	3/8"	3/8" BSPP	66	42	34	82,5	24	24
08	12,5	1/2"	1/2" BSPP	74	46	42	92,5	27	27
12	20,0	3/4"	3/4" BSPP	90	55	50	110,0	36	36
16	25,0	1"	1" BSPP	106	66	60	133,0	41	41

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

* *Metric, NPTF and UNF threads are available on request.*

0BVX8 Innesti rapidi ISO 7241-1 Parte B / AISI 316

Quick-release couplings ISO 7241-1 Part B / AISI 316

Caratteristiche:

- Gli innesti rapidi serie X80BV sono costruiti a seconda della norma ISO 7241-1 parte B
- Intercambiabilità secondo ISO 7241-1 parte B
- Occlusione a valvola
- Completamente costruito in acciaio innossidabile AISI 316. Molle sfere, sfere, valvola e guidavalvola in acciaio innossidabile AISI 316.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR):-25°C + 125°C
- Innestabilità in assenza di pressione.
- Disinnestabilità in pressione non consentita.
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

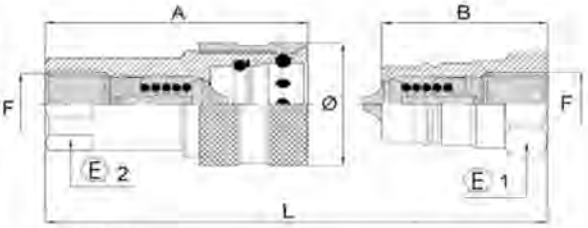
Feature:

- *The series X80BV quick couplings are manufactured according to the ISO 7241-1 part B standard*
- *Interchangeability: according to ISO 7241-1 part B standard*
- *Shut-off poppet valve system*
- *Machined from Stainless Steel AISI 316. Springs, balls, valves and guidevalves in Stainless Steel AISI 316.*
- *Standard seals material are Nitrile Rubber (NBR). On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability without pressure*
- *Disconnection under pressure is not allowed*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base	DN		Pressione			Portata	Peso / Weight	
							Femmina	Maschio
Size			*Pressure*			*Rated Flow*	*Female*	*Male*
			WP	*BP*	*ΔP*			
	mm	inch	bar			l/m	Kg	Kg
02	5,0	1/8"	250	1000	0,70	3	0,070	0,020
04	6,3	1/4"	250	1000	1,80	12	0,120	0,040
06	10,0	3/8"	200	800	0,70	23	0,220	0,070
08	12,5	1/2"	200	800	1,00	45	0,322	0,102
12	20,0	3/4"	160	640	0,65	74	0,585	0,195
16	25,0	1"	125	500	0,50	100	0,860	0,370



Applicazioni

Innesto rapido multiuso più impiegato nell'impiantistica industriale. Principalmente utilizzato per fluidi idraulici, è anche adoperato con fluidi chimici, alcuni gas, acqua e vapore.

Application

It is the general purpose coupling most used accross the range of hydraulic applications in industry. Primarily used with hydraulic fluid, the general purpose coupling is also used with chemicals, some gases, water and steam.

Dimensioni

Dimension

Base *Size*	DN		Filetto* *Thread**	Dimensioni *Dimension*					
	mm	inch	F	A	B	Ø	L	E_1	E_2
02	5,0	1/4"	1/8" BSPP	49	30	23	63,0	14	14
04	6,3	1/4"	1/4" BSPP	57	35	27	70,5	19	19
06	10	3/8"	3/8" BSPP	66	42	34	83	24	24
08	12,5	1/2"	1/2" BSPP	74	46	42	92,5	27	27
12	20	3/4"	3/4" BSPP	90	55	50	110	36	36
16	25	1"	1" BSPP	106	66	60	133,0	41	41

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

0BVO8 Innesti rapidi ISO 7241-1 Parte B / Ottone

Quick-release couplings ISO 7241-1 Part B / Brass

Caratteristiche:

- Gli innesti rapidi serie O80BV sono costruiti a seconda della norma ISO 7241-1 parte B
- Intercambiabilità secondo ISO 7241-1 parte B
- Occlusione a valvola
- Completamente costruito in ottone. Molle sfere, sfere, valvola e guidavalvola in acciaio innossidabile AISI 316.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR): -25°C + 125°C
- Innestabilità in assenza di pressione.
- Disinnestabilità in pressione non consentita.
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

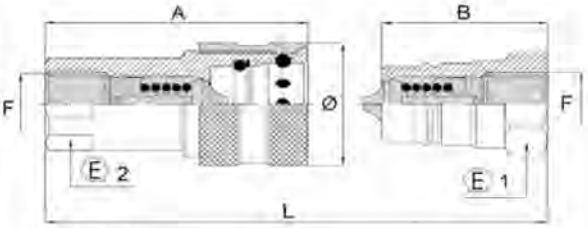
Feature:

- *The series O80BV quick couplings are manufactured according to the ISO 7241-1 part B standard*
- *Interchangeability: according to ISO 7241-1 part B standard*
- *Shut-off poppet valve system*
- *Machined from brass. Springs, balls, valves and guidevalves in Stainless Steel AISI 316.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability without pressure*
- *Disconnection under pressure is not allowed*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base	DN		Pressione			Portata	Peso / Weight	
							Femmina	Maschio
Size			*Pressure*			*Rated Flow*	*Female*	*Male*
			WP	*BP*	*ΔP*			
	mm	inch	bar			l/m	Kg	Kg
02	5,0	1/8"	200	1000	0,70	3	0,070	0,020
04	6,3	1/4"	200	1000	1,80	12	0,120	0,040
06	10,0	3/8"	160	800	0,70	23	0,220	0,070
08	12,5	1/2"	160	800	1,00	45	0,322	0,102
12	20,0	3/4"	125	640	0,65	74	0,585	0,195
16	25,0	1"	100	500	0,50	100	0,860	0,370



Applicazioni

Innesto rapido multiuso più impiegato nell'impiantistica industriale. Principalmente utilizzato per fluidi idraulici, è anche adoperato con fluidi chimici, alcuni gas, acqua e vapore.

Application

It is the general purpose coupling most used accross the range of hydraulic applications in industry. Primarily used with hydraulic fluid, the general purpose coupling is also used with chemicals, some gases, water and steam.

Dimensioni

Dimension

Base *Size*	DN		Filetto* *Thread**	Dimensioni *Dimension*					
	mm	inch	F	A	B	Ø	L	E_1	E_2
02	5,0	1/4"	1/8" BSPP	49	30	23	63,0	14	14
04	6,3	1/4"	1/4" BSPP	57	35	27	70,5	19	19
06	10	3/8"	3/8" BSPP	66	42	34	83	24	24
08	12,5	1/2"	1/2" BSPP	74	46	42	92,5	27	27
12	20	3/4"	3/4" BSPP	90	55	50	110	36	36
16	25	1"	1" BSPP	106	66	60	133,0	41	41

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

HV80 Innesti rapidi serie HV

HV series quick-release couplings

Caratteristiche:

- Innesti rapidi serie 80HV per agricoltura/industria
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Occlusione a valvola
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR):-25°C + 125°C
- Innestabilità in assenza di pressione.
- Disinnestabilità in pressione non consentita.
- Intercambiabilità secondo ISO 7241-1 parte A solo nel Ø 1/2"
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

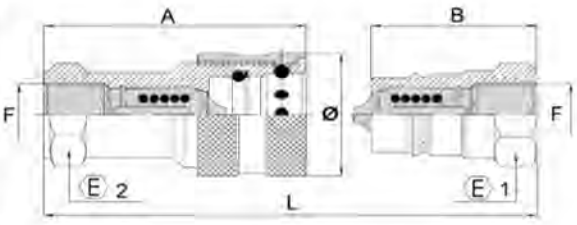
Feature:

- *Series 80HV quick couplings for agriculture/industry*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Shut-off poppet valve system*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability without pressure*
- *Disconnection under pressure is not allowed*
- *Interchangeability: according to ISO 7241-1 part A standard for the size Ø 1/2" only*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base / *Size*	DN		Pressione / Pressure			Portata / *Rated Flow*	Peso / *Weight*	
			WP	BP	ΔP		Femmina / *Female*	Maschio / *Male*
	mm	inch	bar			l/m	Kg	Kg
04	6,3	1/4"	350	1400	1,1	12	0,110	0,040
06	10,0	3/8"	315	1260	0,8	23	0,200	0,070
08	12,5	1/2"	250	1000	0,9	74	0,260	0,090
12	20,0	3/4"	250	1000	1,0	100	0,500	0,180
16	25,0	1"	230	920	1,1	155	0,760	0,230



Applicazioni

La serie HV è impiegata nel settore industriale/agricolo. Impiegato su attrezzature edili, forestali, macchine agricole ecc...

Application

The HV Series used, in the industry/agriculture, on construction equipment, forestry equipment, agricultural machinery, etc....

Dimensioni

Dimension

Base / *Size*	DN		Filetto* / *Thread**	Dimensioni / *Dimension*					
	mm	inch	F	A	B	Ø	L	E_1	E_2
04	6,3	1/4"	1/4" BSPP	52	35	27	71	19	21
06	10	3/8"	3/8" BSPP	61	39	35	80,0	22	27
08	12,5	1/2"	1/2" BSPP	67	45	38	92	27	30
12	20	3/4"	3/4" BSPP	82	53	46	106,5	34	38
16	25	1"	1" BSPP	95,5	58	55	120	41	45

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

HS80 Innesti rapidi serie HS

HS series quick-release couplings

Caratteristiche:

- Innesti rapidi serie 80HS per agricoltura/industria
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Occlusione a sfera
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR):-25°C + 125°C
- Innestabilità in assenza di pressione.
- Disinnestabilità in pressione non consentita.
- Intercambiabilità secondo ISO 7241-1 parte A solo nel Ø 1/2"
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

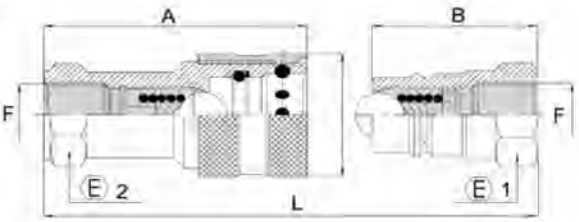
Feature:

- *Series 80HS quick couplings for agriculture/industry*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Shut-off poppet ball system*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability without pressure*
- *Disconnection under pressure is not allowed*
- *Interchangeability: according to ISO 7241-1 part A standard for the size Ø 1/2" only*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base / *Size*	DN		Pressione / Pressure			Portata / *Rated Flow*	Peso / *Weight*	
							Femmina / *Female*	Maschio / *Male*
			WP	BP	ΔP			
	mm	inch	bar			l/m	Kg	Kg
04	6,3	1/4"	350	1400	1,1	12	0,110	0,040
06	10,0	3/8"	315	1260	0,8	23	0,200	0,070
08	12,5	1/2"	250	1000	0,9	74	0,260	0,090
12	20,0	3/4"	250	1000	1,0	100	0,500	0,180
16	25,0	1"	230	920	1,1	155	0,760	0,230



Applicazioni

La serie HS è impiegata nel settore industriale/agricolo. Impiegato su attrezzature edili, forestali, macchine agricole ecc...

Application

The HS Series used in the industry/agriculture, on construction equipment, forestry equipment, agricultural machinery, etc....

Dimensioni

Dimension

Base / *Size*	DN		Filetto* / *Thread**	Dimensioni / *Dimension*					
	mm	inch	F	A	B	Ø	L	E_1	E_2
04	6,3	1/4"	1/4" BSPP	52	35	27	71	19	21
06	10	3/8"	3/8" BSPP	61	39	35	80,0	22	27
08	12,5	1/2"	1/2" BSPP	67	45	38	92	27	30
12	20	3/4"	3/4" BSPP	82	53	46	106,5	34	38
16	25	1"	1" BSPP	95,5	58	55	120	41	45

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

PP80 Innesti rapidi Push-Pull

Push-Pull quick-release couplings

Caratteristiche:

- Gli innesti rapidi serie 80PP-80PS sono intercambiabili secondo ISO 7241-1 parte A
- Occlusione a valvola per 80PV a sfera per 80PS
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM, Viton, CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR) -25°C + 125°C
- Innestabilità in assenza di pressione.
- Disinnestabilità in pressione non consentita
- A richiesta è disponibile la versione innestabile con pressione residua
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

Feature:

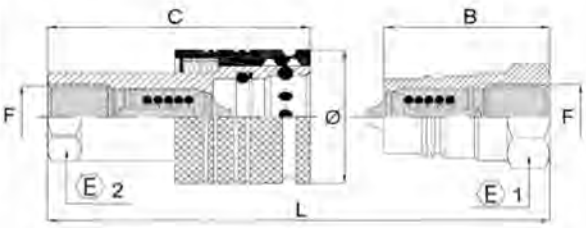
- *The series 80PP-80PS quick couplings are interchangeable according to ISO 7241-1 part A standard*
- *Shut-off poppet valve system for 80PV and ball sistem for 80PS*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability without pressure*
- *Disconnection under pressure is not allowed*
- *On request, size 1/2" is available with connectability in presence of residual pressure*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

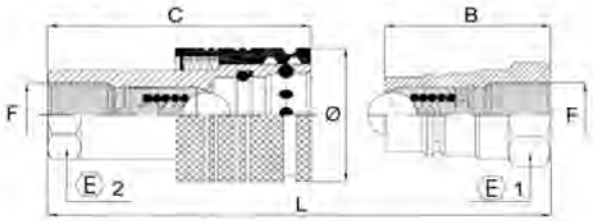
Technical data

Base	DN		Pressione			Portata	Peso / *Weight*	
							Femmina	Maschio
Size			Pressure			*Rated Flow*	*Female*	*Male*
			WP	*BP*	*ΔP*			
	mm	inch	bar			l/m	Kg	Kg
08	12,5	1/2"	250	1000	1,2	45	0,200	0,090

Tipo 80PV



Tipo 80PS



Applicazioni

La serie 80PP-80PS l'innesto rapido è la soluzione ottimale per l'industria agricola. Ideale per l'installazione su trattori, macchine e attrezzature agricole. Grazie alla sua ghiera a doppio effetto permette di innestare e disinnestare con facilità in spazi ristretti.

Application

The 80PP-80PS series coupling is manufactured a good choice of agricultural applications. Thanks to its a double effects sleeve makes it very easy to connect and to disconnect in a very little room.

Dimensioni

Dimension

Base *Size*	DN		Filetto* *Thread**	Dimensioni *Dimension*					
	mm	Poll.	F	A	B	Ø	L	E_1	E_2
08	12,5	1/2"	1/2" BSPP	67	46,0	38	92	27	24
08	12,5	1/2"	1/2" BSPP	67	46,0	38	92	27	24

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

0080 Innesti rapidi a sfera

Ball quick-release couplings

Caratteristiche:

- Innesti rapidi serie 8000 con connessione a sfera
- Occlusione a valvola
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR):-25°C + 125°C
- Sono disponibili tappi di protezione in acciaio

Feature:

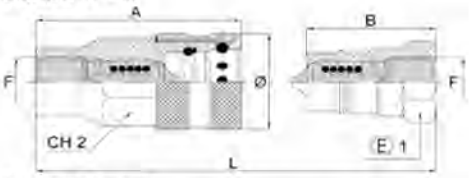
- *The 8000 Series, ball-to-connect couplings*
- *Shut-off poppet valve system*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Steel protective dust plugs and caps are available*

Dati Tecnici

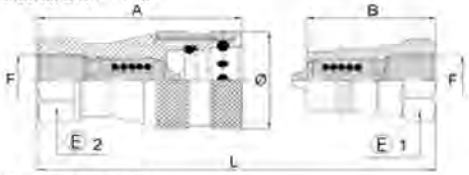
Technical data

Base	DN		Pressione			Portata	Peso / *Weight*	
							Femmina	Maschio
Size			Pressure			*Raled Flow*	*Female*	*Male*
			WP	*BP*	*ΔP*			
	mm	inch	bar			l/m	Kg	Kg
04	6,3	1/4"				15	0,100	0,800
06	10,0	3/8"				23	0,180	0,150
08	12,5	1/2"				43	0,392	0,260
12	20,0	3/4"				90	0,550	0,370
16	25,0	1"				110	0,700	0,660
20	31,5	1"1/4				190	1,030	1,000
24	38,0	1"1/2				300	1,200	1,350
32	50,0	2"				500	3,630	4,100
40	63,0	2"1/2					3,300	3,640
48	76,0	3"						

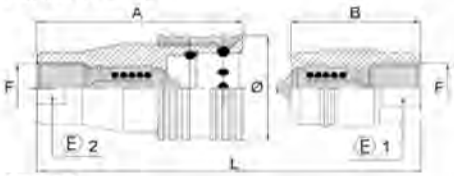
Base da Ø 1/4" ÷ 1/2"



Base da Ø 3/4" ÷ 1"1/2"



Base da Ø 3/4" ÷ 1"1/2"



Applicazioni

La serie 8000, innesto rapido a sfera, è utilizzato per applicazioni oleodinamiche industriali

Application

The 8000 series, ball-to-connect couplings can be used in a wide range of industrial applications.

Dimensioni

Dimension

Base *Size*	DN		Filetto* *Thread**	Dimensioni *Dimension*					
	mm	Poll.	F	A	B	Ø	L	E_1	E_2
04	6,3	1/4"	1/4" BSPP	55	35	27	71	19	21
06	10	3/8"	3/8" BSPP	61	39	35	80	22	27
08	12,5	1/2"	1/2" BSPP	73	45	40	90	27	32
12	20	3/4"	3/4" BSPP	86	53	48	107	34	34
16	25	1"	1" BSPP	95	58	58	117	41	41
20	31,5	1"1/4	1"1/4 BSPP	114	70	70	140	55	50
24	38	1"1/2	1"1/2 BSPP	114	70	80	141	60	55
32	50	2"	2" BSPP	139	89	114	177	70	70
40	63	2"1/2	2"1/2 BSPP	139	89	114	177	84	84
48	76	3"	3" BSPP	155	100	139	200	100	100

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

1080 Innesti rapidi a vite

Screw quick-release couplings

Caratteristiche:

- Innesti rapidi serie 8010 con connessione a vite
- Occlusione a valvola
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR): -25°C + 125°C
- Sono disponibili tappi di protezione in Alluminio.

Feature:

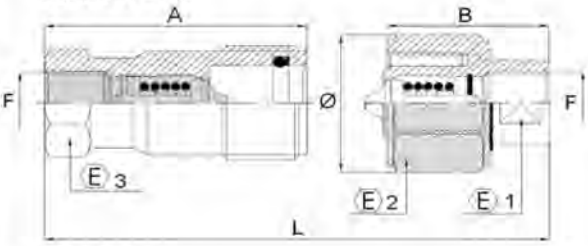
- *The 8010 Series, thread-to-connect couplings*
- *Shut-off poppet valve system*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Sono disponibili tappi di protezione in Alluminio.*

Dati Tecnici

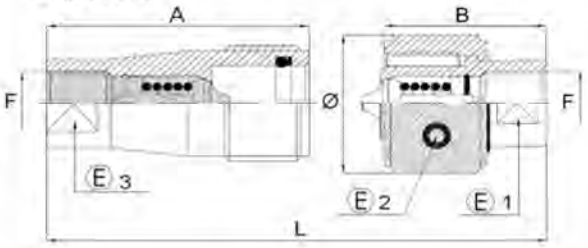
Technical data

Base	DN		Pressione			Portata	Peso / *Weight*	
							Femmina	Maschio
Size			Pressure			*Rated Flow*	*Female*	*Male*
			WP	*BP*	*ΔP*			
	mm	inch	bar			l/m	Kg	Kg
04	6,3	1/4"	500	2000		15	0,100	0,800
06	10,0	3/8"	450	1800		23	0,180	0,150
08	12,5	1/2"	400	1600		43	0,392	0,260
12	20,0	3/4"	350	1400		90	0,550	0,370
16	25,0	1"	300	1200		110	0,700	0,660
20	31,5	1"1/4	250	1000		190	1,030	1,000
24	38,0	1"1/2	220	880		300	1,200	1,350
32	50,0	2"	150	600		500	3,630	4,100
40	63,0	2"1/2	120	480			3,300	3,640
48	76,0	3"	95	360				

Base da Ø 1/4" ÷ 1 1/2"



Base da Ø 2" ÷ 3"



Applicazioni

La serie 8010, innesto rapido a vite, è utilizzato per applicazioni oleodinamiche industriali molto gravose dove necessita la connessione e la disconnessione in presenza di pressione residue, perdite d'olio ridotte, in frequenti picchi di pressione, vibrazioni, ecc... .

Application

The 8010 Series, thread-to-connect couplings can be used in a wide range of industrial applications where heavy-duty couplings are required that can be connected under pressure, with little or no spillage, high peak pressure, vibrations, etc... .

Dimensioni

Dimension

Base *Size*	DN		Filetto* *Thread**	Dimensioni *Dimension*						
	mm	Poll.	F	A	B	Ø	L	E_1	E_2	E_3
04	6,3	1/4"	1/4" BSPP	50	39	31	72	17	18	28
06	10	3/8"	3/8" BSPP	58	44	38	83	20	27	34
08	12,5	1/2"	1/2" BSPP	75	47	47	100	27	32	42
12	20	3/4"	3/4" BSPP	91	50	56	118	32	38	50
16	25	1"	1" BSPP	89	63	67	120	41	45	60
20	31,5	1"1/4	1"1/4 BSPP	105	70	79	141	50	55	65
24	38	1"1/2	1"1/2 BSPP	105	72	90	141	55	60	70
32	50	2"	2" BSPP	130	85	135	172	80	80	220
40	63	2"1/2	2"1/2 BSPP	130	85	135	172	85	85	220
48	76	3"	3" BSPP	166	105	150	212	100	100	315

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

FF80 Innesti rapidi a Faccia Piana

Flat Face quick-release couplings

Caratteristiche:

- Intercambiabilità secondo ISO 16028 nella dimensione 10 e' conforme anche allo standard NFPA T3.20.15 (HTMA).
- Occlusione a faccia piana
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR) -25°C + 100°C
- Sistema di sicurezza contro lo sganciamento accidentale
- Elimina le perdite d'olio durante la connessione e disconnessione di attrezzature idrauliche
- Evita l'intromissione d'aria durante la connessione
- Facile da pulire
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio

Feature:

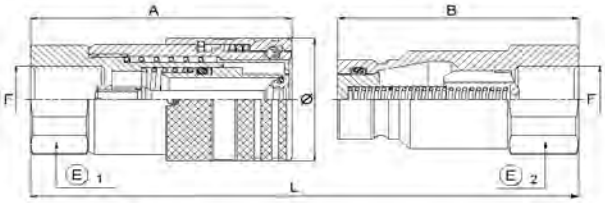
- *Interchangeability: according to ISO 16028.The size 10 is in accordance with NFPA T3.20.15 (HTMA) too.*
- *Shut-off flat face system*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +100°C*
- *Safety system protecting against accidental disconnection*
- *Eliminates hydraulic spillage when connecting or disconnecting hydraulic attachments*
- *Avoid air inclusion during connection*
- *Easy to clean*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base ISO / ISO Size	Base Size		Pressione / Pressure WP	Pressione / Pressure BP	Pressione / Pressure ΔP	Portata / Rated Flow	Peso / Weight Femmina / Female	Peso / Weight Maschio / Male
mm		inch	bar			l/m	Kg	Kg
6,3 *	04	1/4"	300	1200	0,90	12	0,140	0,860
10,0 *	06	3/8"	300	1200	0,90	23	0,235	0,121
12,5 *	08	1/2"	250	1000	0,65	45	0,375	0,233
16,0 *	10	5/8"	250	1000	0,90	74	0,479	0,268
19,0 *	12	3/4"	250	1000	0,65	100	0,767	0,394
25,0 *	16	1"	250	1000	0,85	189	1,215	0,641
31,5	20	1"1/4	200	800	0,40	288	2,820	1,665
40,0	24	1"1/2	200	800	0,30	379	5,100	2,259

* Base ISO * *ISO Base*



Applicazioni

La serie 80FF l'innesto rapido è largamente utilizzato nelle applicazioni oleodinamiche nel settore edilizio, industriale e degli equipaggiamenti agricoli. Grazie alla sua particolare costruzione, impedisce l'intrusione di agenti estranei limitando al minimo i problemi di contaminazione dell'impianto oleodinamico e di eliminare problemi di inquinamento ambientale.

Application

The 80FF Series couplings are widely used across the spectrum of hydraulic applications in construction, industrial and agricultural equipment markets. Thanks to its designed, it stops external agents from incoming, restricting the problems caused by contamination of the hydraulic plant and restrain problems for environmental pollution due to hydraulic oil spillage

Dimensioni

Dimension

Base ISO / ISO Size	Base Size		Filetto* / Thread*	Dimensioni / Dimension A	B	Ø	L	E1	E2
mm		Poll.	F						
6,3*	04	1/4"	1/4" BSPP	48,0	48,0	28	85,2	22	22
10,0*	06	3/8"	3/8" BSPP	64,2	60,0	32	108,7	27	24
			1/2" BSPP	69,2	62,5	32	116,2	27	27
12,5*	08	1/2"	1/2" BSPP	73,8	68,0	38	124,6	32	32
			3/4" BSPP	80,8	70,5	38	134,1	36	36
16,0*	10	5/8"	3/4" BSPP	78,5	70,5	42	131,5	36	36
19,0*	12	3/4"	3/4" BSPP	88,7	82,3	48	149,2	41	41
			1" BSPP	93,2	82,3	48	153,7	45	45
25,0*	16	1"	1"1/4 BSPP	106,0	89,8	55	172,8	55	55
31,5	20	1"1/4	1"1/2 BSPP	132,4	111,1	80	215,1	65	65
40,0	24	1"1/2	2" BSPP	156,6	123,8	100	241,6	80	75

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

* *Metric, NPTF and UNF threads are available on request.*

FI80 Innesti rapidi a Faccia Piana ISO 16028

ISO 16028 Flat Face quick-release couplings

Caratteristiche:

- Intercambiabilità secondo ISO 16028 nella dimensione 10 e' conforme anche allo standard NFPA T3.20.15 (HTMA).
- Occlusione a faccia piana
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR) -25°C + 100°C
- Sistema di sicurezza contro lo sganciamento accidentale
- Elimina le perdite d'olio durante la connessione e disconnessione di attrezzature idrauliche
- Evita l'intromissione d'aria durante la connessione
- Facile da pulire
- Sono disponibili tappi di protezione in PVC, Nylon e Alluminio.

Feature:

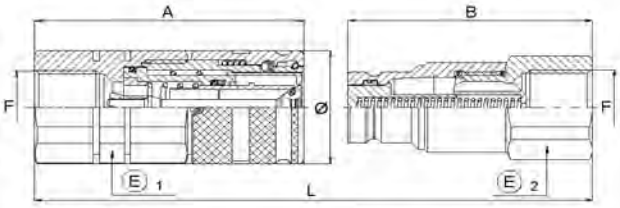
- *Interchangeability: according to ISO 16028.The size 10 is in accordance with NFPA T3.20.15 (HTMA) too.*
- *Shut-off flat face system*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +100°C*
- *Safety system protecting against accidental disconnection*
- *Eliminates hydraulic spillage when connecting or disconnecting hydraulic attachments.*
- *Avoid air inclusion during connection*
- *Easy to clean*
- *Pvc, Nylon and Aluminium protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base ISO / ISO Size	Base / Size		Pressione / Pressure WP	BP	ΔP	Portata / Rated Flow	Peso / Weight Femmina / Female	Maschio / Male
mm		inch	bar			l/m	Kg	Kg
5,0	2,0	1/8"	420	1680	0,65	3	0,073	0,038
6,3 *	04	1/4"	420	1680	0,93	12	0,187	0,086
10,0 *	06	3/8"	350	1400	0,70	23	0,273	0,146
12,5 *	08	1/2"	330	1320	0,70	45	0,452	0,235
16,0 *	10	5/8"	330	1320	0,80	74	0,626	0,299
19,0 *	12	3/4"	330	1320	0,70	100	0,937	0,475
25,0 *	16	1"	300	1200	0,80	189	1,312	0,706
31,5	20	1"1/4	270	1080	0,45	288	3,140	1,665

* Base ISO * *ISO Base*



Applicazioni

La serie 80FI l'innesto rapido è largamente utilizzato nelle applicazioni oleodinamiche nel settore edilizio, industriale e degli equipaggiamenti agricoli. Grazie alla sua particolare costruzione, impedisce l'intrusione di agenti estranei limitando al minimo i problemi di contaminazione dell'impianto oleodinamico e di eliminare problemi di inquinamento ambientale.

Application

The 80FI Series couplings are widely used across the spectrum of hydraulic applications in construction, industrial and agricultural equipment markets. Thanks to its designed, it stops external agents from incoming, restricting the problems caused by contamination of the hydraulic plant and restrain problems for environmental pollution due to hydraulic oil spillage

Dimensioni

Dimension

Base ISO / ISO Size	Base / Size		Filetto** / Thread**	Dimensioni / Dimension					
mm		Poll.	F	A	B	Ø	L	E_1	E_2
5,0	02	1/8"	1/8" BSPP	40,0	36,3	20	68,5	19	17
6,3*	04	1/4"	1/4" BSPP	53,1	47,9	28	90,2	27	22
10,0*	06	3/8"	3/8" BSPP	64,8	60,0	32	108,8	30	27
			1/2" BSPP	69,8	62,5	32	116,3	30	27
12,5*	08	1/2"	1/2" BSPP	76,8	68,0	38	127,6	36	36
			3/4" BSPP	83,8	70,5	38	137,1	36	36
16,0*	10	5/8"	3/4" BSPP	84,0	73,0	42	139,5	41	36
19,0*	12	3/4"	3/4" BSPP	96,8	83,7	48	158,7	46	46
			1" BSPP	98,8	83,7	48	160,7	46	46
25,0*	16	1"	1" BSPP	104,8	96,8	55	178,6	55	55
			1"1/4 BSPP	105,8	90,0	55	172,8	55	55
31,5	20	1"1/4	1"1/2 BSPP	132,4	111,1	80	215,1	65	65

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

HP80 Innesti rapidi vite alta pressione

High pressure screw type couplings

Caratteristiche:

- Gli innesti rapidi serie 80HP sono intercambiabili con gli altri costruttori europei e americani
- Occlusione a sfera
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR):-25°C + 125°C
- Innestabilità in pressione
- Disinnestabilità in pressione
- A richiesta è disponibile la versione innestabile con pressione residua
- A richiesta sono disponibili tappi di protezione in metallo

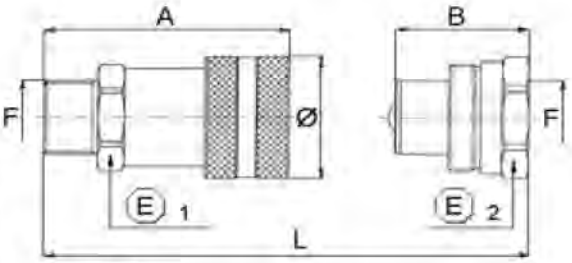
Feature:

- *The series 80HP quick couplings are interchangeable according to the European and American manufacturer.*
- *Shut-off poppet ball system*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR). On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +125°C*
- *Connectability with pressure*
- *Disconnection under pressure*
- *On request, size 1/2" is available with connectability in presence of residual pressure*
- *On request steel protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base	DN		Pressione			Portata	Peso / Weight	
							Femmina	Maschio
Size			Pressure			Rated Flow	Female	Male
			WP	BP	ΔP			
	mm	inch	bar			l/m	Kg	Kg
04	6,3	1/4"	700	2200			0,150	0,080
06	10,0	3/8"	700	1850			0,200	0,120



Applicazioni

La serie 80HP, è l' innesto rapido a vite costruito per pressioni statiche elevate, ha una grande resistenza a picchi di pressione, vibrazioni, ecc..., è dove necessita la connessione e la disconnessione in presenza di pressione residue. E' utilizzato per applicazioni oleodinamiche molto gravose come per i martinetti idraulici ecc...

Application

THE 80HP series couplings thread-to-connect couplings, are designed for extreme high static pressure applications.It is suitable for high peak pressure, vibrations, etc, and where it is necessary to connect and disconnect with residual pressure inside. It si used in heavy duty hydraulic applications such as hydraulic rams etc...

Dimensioni

Dimension

Base Size	DN		Filetto Thread	Dimensioni Dimension					
	mm	Poll.	F	A	B	Ø	L	E_1	E_2
04	6,3	1/4"	1/4" NPTF	60,8	32,5	28		19	22
06	10	3/8"	1/4" NPTF	72,3	40,0	35		32	24
06	10	3/8"	3/8" NPTF	72,3	40,0	35		32	24

FV80 Innesti rapidi a Faccia Piana a vite

Screw Flat Face quick-release couplings

Caratteristiche:

- Innesti rapidi a vite serie 80FV sono innestabili con Alte pressioni residue, sia nella parte femmina che nella parte maschio o in entrambi. Connessione e disconnessione con pressioni residue fino a 300 bar
- Occlusione a faccia piana
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato con trattamento QPQ per il corpo principale, zincatura e passivazione gialla per altre parti.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR): -25°C + 100°C
- Elimina le perdite d'olio durante la connessione e disconnessione di attrezzature idrauliche
- Evita l'intromissione d'aria durante la connessione
- Facile da pulire
- A richiesta sono disponibili tappi di protezione in metallo

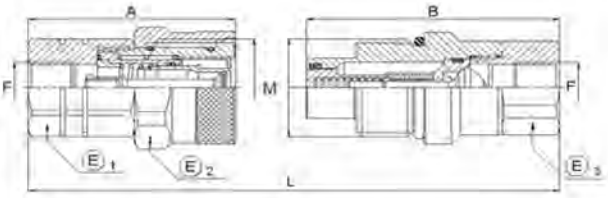
Feature:

- *The series "80FV" thread-to-connect couplings are connectable under high residual pressure whether in the female that in the male or both parts. Connection and disconnection at residual pressures of up to 300 bar without spilling fluids.*
- *Shut-off flat face system*
- *Machined from high tensile steel with QPQ treatment for the main body, zinc plated with a yellow chromate finish for the rest.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +100°C*
- *Eliminates hydraulic spillage when connecting or disconnecting hydraulic attachments*
- *Avoid air inclusion during connection*
- *Easy to clean*
- *On request steel protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base ISO	Base		Pressione			Portata	Peso / Weight	
							Femmina	Maschio
ISO Size	Size		Pressure			Rated Flow	Female	Male
			WP	BP	ΔP			
mm		inch	bar			l/m	Kg	Kg
6,3	04	1/4"	600	1500	1,30	12	0,250	0,233
10,0	06	3/8"	550	1400	0,90	23	0,336	0,324
12,5	08	1/2"	550	1400	0,90	45	0,578	0,587
16,0	10	5/8"	550	1400	1,30	74	0,754	0,656
19,0	12	3/4"	500	1250	1,20	100	1,118	0,997
25,0	16	1"	470	1200	1,60	189	1,600	1,438
31,5	20	1"1/4	400	1100	1,00	288	3,670	3,200
40,0	24	1"1/2						



Applicazioni

Gli innesti della serie "80FV" sono utilizzabili in condizioni di lavoro molto gravose con alti picchi di pressioni, ambienti molto sporchi e forti sollecitazioni meccaniche. Sono particolarmente consigliati sui circuiti chiusi nei settori piu' diversi come: ruspe, escavatori, ecc... . Si differenziano dalla serie "80FP" solamente per il tipo di aggancio esterno.

Application

The series "80FV" are used in a heavy duty work conditions, in the presence of high pressure peaks, in very dirty environments and high mechanical stress. The series "80FV" are particularly suitable on closed circuits be used in a wide range such as truck loader, hydraulic excavators, etc... . They are different to the "80FP" series for the coupled external system only.

Dimensioni

Dimension

Base ISO	Base		Filetto*	Dimensioni						
ISO Size	Size		Thread*	Dimension						
mm		inch		A	B	L	M	E1	E2	E3
6,3*	04	1/4"	1/4" BSPP	54,1	71,0	113,3	M30x2	27	36	22
10,0*	06	3/8"	3/8" BSPP	65,8	82,5	131,3	M33x2	30	38	27
			1/2" BSPP	70,8	82,5	136,3	M33x2	30	38	27
12,5*	08	1/2"	1/2" BSPP	77,8	95,0	154,6	M40x3	36	46	36
			3/4" BSPP	84,8	97,2	163,8	M40x3	36	46	36
16,0*	10	5/8"	3/4" BSPP	84,9	99,0	165,4	M45x3	41	50	36
19,0*	12	3/4"	1" BSPP	99,7	113,6	190,5	M50x3	46	55	46
25,0*	16	1"	1"1/4 BSPP	108,6	123,4	208,0	M58x3	55	65	55
31,5	20	1"1/4	1"1/2 BSPP	133,5	150,0	254,0	80x4TpF	65	85	65

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

FP80 Innesti rapidi a Faccia Piana a vite

Screw Flat Face quick-release couplings

Caratteristiche:

- Innesti rapidi a vite serie 80FP sono innestabili con Alte pressioni residue, sia nella parte femmina che nella parte maschio o in entrambi. Connessione e disconnessione con pressioni residue fino a 300 bar
- Sistema di sicurezza contro il disaccoppiamento accidentale
- Occlusione a faccia piana
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato con trattamento QPQ per il corpo principale, zincatura e passivazione gialla per altre parti.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Anelli antiestrusioni in PTFE.
- Temperature esercizio con guarnizioni standard (NBR):-25°C + 100°C
- Elimina le perdite d'olio durante la connessione e disconnessione di attrezzature idrauliche
- Evita l'intromissione d'aria durante la connessione
- Facile da pulire
- A richiesta sono disponibili tappi di protezione in metallo

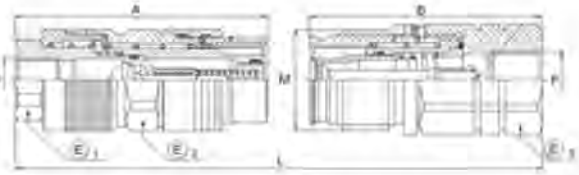
Feature:

- *The series 80FP thread-to-connect couplings are connectable under high residual pressure whether in the female that in the male or both parts. Connection and disconnection at residual pressures of up to 300 bar without spilling fluids.*
- *Safety system protecting against accidental disconnection*
- *Shut-off flat face system*
- *Machined from high tensile steel with QPQ treatment for the main body, zinc plated with a yellow chromate finish for the rest.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Back up rings in PTFE.*
- *Working temperatures with standard seals (NBR) from -25°C to +100°C*
- *Eliminates hydraulic spillage when connecting or disconnecting hydraulic attachments*
- *Avoid air inclusion during connection*
- *Easy to clean*
- *On request steel protective dust plugs and caps are available*

Dati Tecnici

Technical data

Base ISO	Base		Pressione			Portata	Peso / Weight	
							Femmina	Maschio
ISO Size	Size		Pressure			Rated Flow	Femmina	Maschio
			WP	BP	ΔP			
mm		inch	bar			l/m	Kg	Kg
6,3	04	1/4"	600	1500	1,30	12	0,393	0,160
10,0	06	3/8"	550	1400	0,90	23	0,592	0,234
12,5	08	1/2"	550	1400	0,90	45	0,980	0,415
16,0	10	5/8"	550	1400	1,30	74	1,045	0,578
19,0	12	3/4"	500	1250	1,20	100	1,566	0,897
25,0	16	1"	470	1200	1,60	189	2,517	1,368
31,5	20	1"1/4	400	1100	1,00	288	5,180	2,796
40,0	24	1"1/2						



Applicazioni

Gli innesti della serie 80FP sono utilizzabili in condizioni di lavoro molto gravose con alti picchi di pressioni, ambienti molto sporchi e forti sollecitazioni meccaniche. Sono particolarmente consigliati sui circuiti chiusi nei settori piu' diversi come ruspe, escavatori, ecc... .

Application

The series 80FP are used in a heavy duty work conditions, in the presence of high pressure peaks, in very dirty environments and high mechanical stress. The series "80FV" are particularly suitable on closed circuits be used in a wide range such as truck loader, hydraulic excavators, etc... .

Dimensioni

Dimension

Base ISO	Base		Filetto*	Dimensioni						
ISO Size	Size		Thread*	Dimension						
mm		inch		A	B	L	M	E1	E2	E3
6,3*	04	1/4"	1/4" BSPP	83,9	52,8	125,2	M24x2	22	32	27
10,0*	06	3/8"	3/8" BSPP	94,5	64,3	142,3	M28x2	27	38	30
			1/2" BSPP	94,5	69,3	147,3	M28x2	27	38	30
12,5*	08	1/2"	1/2" BSPP	110,0	76,2	167,9	M36x3	36	45	36
			3/4" BSPP	110,0	83,5	175,2	M36x3	36	45	36
16,0*	10	5/8"	3/4" BSPP	110,0	83,4	174,9	M39x3	36	48	41
19,0*	12	3/4"	1" BSPP	127,1	95,0	199,5	M45x3	46	55	46
25,0*	16	1"	1"1/4 BSPP	137,0	105,0	214,8	M55x3	55	70	55
31,5	20	1"1/4	1"1/2 BSPP	174,7	133,2	272,3	72x4TpF	65	65	65

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

0090 Giunti girevoli diritti

Straight swivel joint

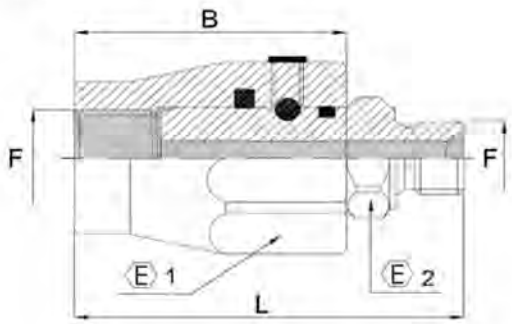
Caratteristiche:

- I giunti girevoli diritti serie 9000 non sono idonei per rotazioni veloci e contiunuative.
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM, Viton, CR (Neoprene) o altro.
- Temperature esercizio con guarnizioni standard (NBR): -20°C + 110°C
- Trattamento a richiesta: QPQ
- Materiali a richiesta: acciaio inossidabile AISI 316
- Per i giunti girevoli in AISI 316, le pressioni massime di rotazioni e statiche devono essere ridotte di 1/3

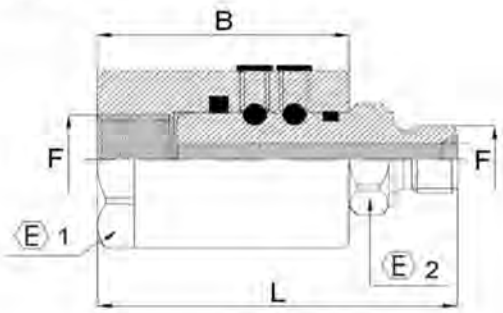
Feature:

- *I giunti girevoli diritti serie 9000 non sono idonei per rotazioni veloci e contiunuative.*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR). On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Working temperatures with standard seals (NBR) from -20°C to +110°C.*
- *QPQ treatment on request.*
- *On request stainless steel AISI 316 version.*
- *For the stainless steel AISI 316 version, the max. static and rotation pressure must be reduce by 1/3.*

Tipo 1



Tipo 2



Applicazioni

L' utilizzo del giunto girevole è la soluzione ideale che permette al tubo di compensare eventuali torsioni e/o rotazioni. Previene oppure riduce lo sforzo derivante dalla curvatura, torsione e allungamento del tubo. Questi semplici raccordi girevoli garantiscono l'allungamento della vita del tubo assemblato, permettono l'utilizzo di tubi più corti e riducono la manutenzione e i fermi macchina.

Application

One effective solution uses swivel joint to allow hoses to pivot, which prevents or reduces stress from bending, twisting and stretching. These simple swivel fittings are considerably increase the operating life of the hose, allow the use of shorter hose lengths and reducing maintenance and downtime.

DN		Tipo	Filetto*	Max WP Statica	Max WP in Rotazione	Dimensioni *Dimension*			
		Type	*Thread**	*Max. static WP*	Max WP in Rotation	Dimensioni *Dimension*			
mm	Inch		F	bar	bar	B	L	E_1	E_2
6	1/4"	1	1/4" BSPP	400	200	42	61	30	19
10	3/8"	1	3/8" BSPP	400	200	44	66	34	24
12	1/2"	1	1/2" BSPP	300	150	47	71	36	27
20	3/4"	1	3/4" BSPP	300	150	50	80	45	34
25	1"	2	1" BSPP	300	100	57	90	50	41
32	1.1/4"	2	1.1/4" BSPP	300	100	63	101	55	50
38	1.1/2"	2	1.1/2" BSPP	300	80	70	110	65	55
51	2"	2	2" BSPP	250	50	75	118	75	65

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

* *Metric, NPTF and UNF threads are available on request.*

0091 Giunti girevoli a 90°

90° Swivel joint

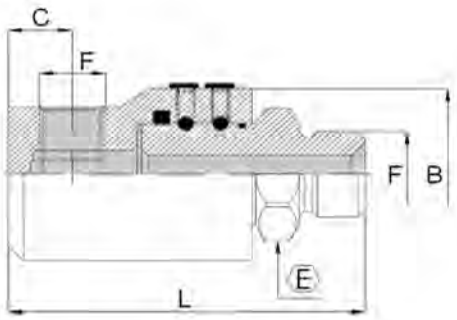
Caratteristiche:

- I giunti girevoli serie 9100 non sono idonei per rotazioni veloci e contiunuative.
- Esecuzione standard in acciaio con alta percentuale di carbonio zincato e passivato giallo, carbonitrurazione e tempra ad induzione per le parti soggette ad usura.
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; Viton; CR (Neoprene) o altro.
- Temperature esercizio con guarnizioni standard (NBR): -20°C + 110°C
- Trattamento a richiesta: QPQ
- Materiali a richiesta: acciaio inossidabile AISI 316
- Per i giunti girevoli in AISI 316, le pressioni massime di rotazioni e statiche devono essere ridotte di 1/3

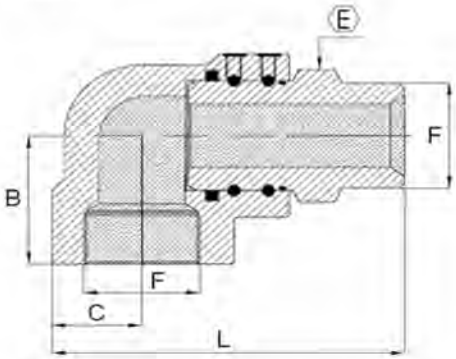
Feature:

- *The series 9100 swivel jont are not suitable for a continuos rotation continuous high speed rotations.*
- *Machined from high tensile steel and carbonitrited / induction hardened for wear parts,they are zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: Viton, EPDM, Neoprene (CR) or other seals.*
- *Working temperatures with standard seals (NBR) from -20°C to +110°C.*
- *QPQ treatment on request*
- *On request stainless steel AISI 316 version.*
- *For the stainless steel AISI 316 version, the max. static and rotation pressure must be reduce by 1/3.*

Tipo 1



Tipo 2



Applicazioni

L' utilizzo del giunto girevole è la soluzione ideale che permette al tubo di compensare eventuali torsioni e/o rotazioni. Previene oppure riduce lo sforzo derivante dalla curvatura, torsione e allungamento del tubo. Questi semplici raccordi girevoli garantiscono l'allungamento della vita del tubo assemblato, permettono l'utilizzo di tubi più corti e riducono la manutenzione e i fermi macchina.

Application

One effective solution uses swivel joint to allow hoses to pivot, which prevents or reduces stress from bending, twisting and stretching. These simple swivel fittings are considerably increase the operating life of the hose, allow the use of shorter hose lengths and reducing maintenance and downtime.

DN		Tipo	Filetto*	Max WP Statica	Max WP in Rotazione	Dimensioni *Dimension*			
		Type	*Thread**	*Max. static WP*	Max WP in Rotation	Dimensioni *Dimension*			
mm	Inch		F	bar	bar	B	C	L	E2
6	1/4"	1	1/4" BSPP	400	200	33,5	11	69	19
10	3/8"	1	3/8" BSPP	400	200	37,5	13	76	24
12	1/2"	1	1/2" BSPP	300	150	39,5	14	87	27
20	3/4"	1	3/4" BSPP	300	150	54,5	18	100	34
25	1"	2	1" BSPP	300	100	60	25	113	41
32	1.1/4"	2	1.1/4" BSPP	300	100	52	32	121	50
38	1.1/2"	2	1.1/2" BSPP	300	80	62	37	143	55
51	2"	2	2" BSPP	250	50	64	42	151	65

* a richiesta sono disponibili filettature Metriche, NPTF e UNF.

** Metric, NPTF and UNF threads are available on request.*

20VS Valvola a sfera 2 vie - tipo VS2

Two way ball valve - type VS2

Caratteristiche:

- Valvole a sfera 2 vie a alta pressione
- Esecuzione standard in acciaio con alta percentuale di carbonio passivato giallo
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; PTFE, KARLEZ® o altro.
- Temperature esercizio con guarnizioni standard (NBR): -10°C + 100°C
- A richiesta: materiale acciaio AISI 316, attuatori, blocco di sicurezza, filetti speciali, ecc. ...

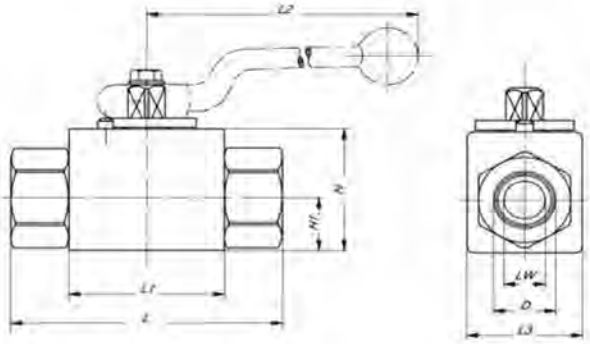
Feature:

- *Two ways high pressure ball valve*
- *Machined from high tensile steel zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: EPDM; PTFE, KARLEZ® or other seals.*
- *Working temperatures with standard seals (NBR) from -10°C to + 100°C*
- *On request stainless steel AISI 316 version, actuator, security block, special trheads, etc. ...*

Dati Tecnici

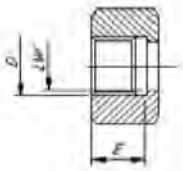
Technical data

Base		Pressione		Peso
Size		Pressure		*Weight*
		WP	*BP*	
DN	inch	bar		Kg
4	1/8"	500	2000	0,500
6	1/4"	500	2000	0,500
10	3/8"	500	2000	0,650
13	1/2"	500	2000	0,750
20	3/4"	400	1600	1,400
25	1"	350	1400	2,150



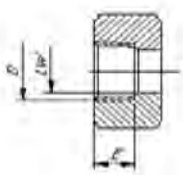
Dimensioni / Dimension

Femmina BSPP / Female BSPP



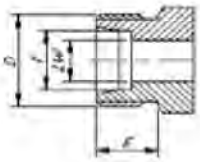
Base Size		Filetto* Thread*	Dimensioni Dimension							
DN	inch	D	LW	L	L_1	L_2	L_3	H	H_1	E
4	1/8"	1/8" BSPP	4	71	42	110	30	35	14	11
6	1/4"	1/4" BSPP	6	71	42	110	30	35	14	16
10	3/8"	3/8" BSPP	10	73	44	110	35	40	17	16
13	1/2"	1/2" BSPP	13	83	48	110	37	43	18	17
20	3/4"	3/4" BSPP	20	95	62	180	45	55	23	21
25	1"	1" BSPP	25	113	66	180	55	65	29	24
25	1"	1"1/4 BSPP	25	121	66	180	55	65	29	24
25	1"	1"1/2 BSPP	25	124	66	180	55	65	29	24

Femmina NPTF / Female NPTF



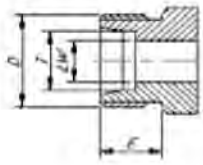
Base Size		Filetto* Thread*	Dimensioni Dimension							
DN	inch	D	LW	L	L_1	L_2	L_3	H	H_1	E
4	1/8"	1/8" NPTF	4	71	42	110	30	35	14	11
6	1/4"	1/4" NPTF	6	71	42	110	30	35	14	16
10	3/8"	3/8" NPTF	10	73	44	110	35	40	17	16
13	1/2"	1/2" NPTF	13	83	48	110	37	43	18	17
20	3/4"	3/4" NPTF	20	95	62	180	45	55	23	21
25	1"	1" NPTF	25	113	66	180	55	65	29	24
25	1"	1"1/4 NPTF	25	121	66	180	55	65	29	24
25	1"	1"1/2 NPTF	25	124	66	180	55	65	29	24

DIN 2353 serie leggera / DIN 2353 Light series



Base Size		T	Filetto* Thread*	Dimensioni Dimension							
DN	inch		D	LW	L	L_1	L_2	L_3	H	H_1	E
6	1/4"	6	M12x1,5	4	76	42	110	30	35	14	10
6	1/4"	8	M14x1,5	4	76	42	110	30	35	14	10
6	1/4"	10	M16x1,5	4	76	42	110	30	35	14	11
10	3/8"	10	M16x1,5	10	76	44	110	35	40	17	11
10	3/8"	12	M18x1,5	10	77	44	110	35	40	17	11
13	1/2"	15	M22x1,5	13	86	48	110	37	43	18	12
13	1/2"	18	M26x1,5	13	86	48	110	37	43	18	12
20	3/4"	22	M30X2	20	108	42	180	45	55	23	14
25	1"	28	M36X2	25	115	66	180	55	65	29	14
25	1"	35	M45X2	25	115	66	180	55	65	29	16
25	1"	42	M52X2	25	115	66	180	55	65	29	16

DIN 2353 serie pesante / DIN 2353 heavy series



Base Size		Filetto* Thread*		Dimensioni Dimension							
DN	inch	T	D	LW	L	L_1	L_2	L_3	H	H_1	E
4	1/8"	8	M16x1,5	4	76	42	110	30	35	14	11
6	1/4"	10	M18x1,5	6	76	42	110	30	35	14	12
8	5/16"	12	M20x1,5	8	76	42	110	30	35	14	12
10	3/8"	12	M20x1,5	10	76	44	110	35	40	17	12
10	3/8"	14	M22x1,5	10	83	44	110	35	40	17	14
13	1/2"	16	M24x1,5	13	89	48	110	37	43	18	14
13	1/2"	20	M30X2	13	93	48	110	37	43	18	16
20	3/4"	25	M36X2	20	110	63	180	45	55	23	18
25	1"	30	M42X2	25	120	67	180	55	65	29	20
25	1"	38	M52X2	25	132	67	180	55	65	29	22

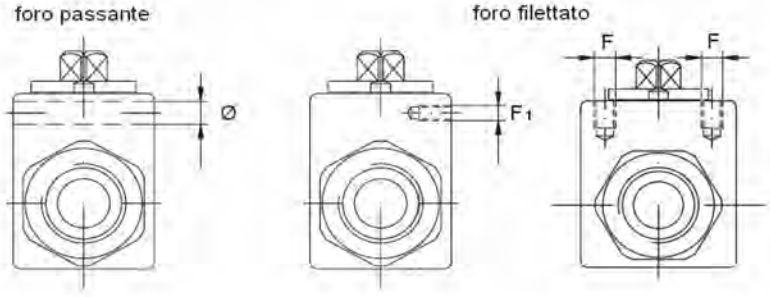
* - a richiesta sono disponibili filettature UNF.

* - *UNF threads are available on request.*

A richiesta: valvole a sfera 2 vie - tipo VS2 con foratura per il montaggio

On request : Two ways ball valve - type VS2 with mounting holes

DN	Ø	F	F_1
4	4,25	M5	M6
6	4,25	M5	M6
8	4,25	M5	M6
10	4,25	M6	M6
13	5,25	M6	M6
20	6,25	M6	M10
25	6,25	M6	M10



3LVS Valvola a sfera 3 vie - tipo VS3

3 way ball valve - type VS3

Caratteristiche:

- Valvole a sfera 3 vie a alta pressione
- Esecuzione standard in acciaio con alta percentuale di carbonio passivato giallo
- Guarnizioni standard in gomma nitrilica (NBR) antiolio. A richiesta sono disponibili in EPDM; PTFE, KARLEZ® o altro.
- Temperature esercizio con guarnizioni standard (NBR): -10°C + 100°C
- A richiesta: materiale acciaio AISI 316, attuatori, blocco di sicurezza, filetti speciali, ecc. ...
- Foratura a L e a T

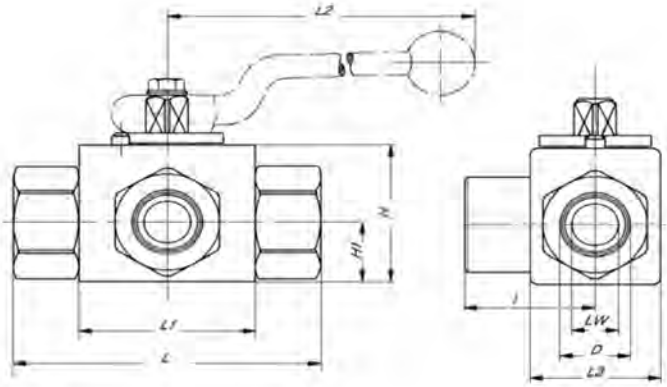
Feature:

- *3 ways high pressure ball valve*
- *Machined from high tensile steel zinc plated with a yellow chromate finish.*
- *Standard seals material are Nitrile Rubber (NBR) On request: EPDM; PTFE, KARLEZ® or other seals.*
- *Working temperatures with standard seals (NBR) from -10°C to + 100°C*
- *On request stainless steel AISI 316 version, actuator, security block, special trheads, etc. ...*
- *L bore and T bore*

Dati Tecnici

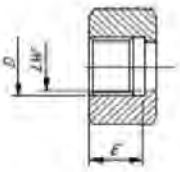
Technical data

Base		Pressione		Peso
Size		*Pressure*		*Weight*
		WP	*BP*	
DN	inch	bar		Kg
4	1/8"	500	2000	0,550
6	1/4"	500	2000	0,550
10	3/8"	500	2000	0,700
13	1/2"	500	2000	0,800
20	3/4"	400	1600	1,500
25	1"	350	1400	2,350



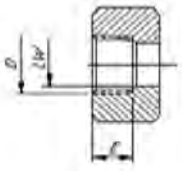
Dimensioni / Dimension

Femmina BSPP / Female BSPP



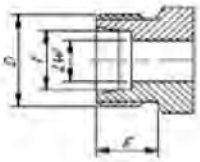
Base Size		Filetto* *Thread**	Dimensioni *Dimension*								
DN	inch	D	LW	L	L1	L2	L3	H	H1	E	I
4	1/8"	1/8" BSPP	4	71	42	110	30	35	14	11	33,5
6	1/4"	1/4" BSPP	6	71	42	110	30	35	14	16	33,5
10	3/8"	3/8" BSPP	10	73	44	110	35	40	17	16	37
13	1/2"	1/2" BSPP	13	83	48	110	37	43	18	17	40
20	3/4"	3/4" BSPP	20	95	62	180	45	55	23	21	52
25	1"	1" BSPP	25	113	66	180	55	65	29	24	60
25	1"	1"1/4 BSPP	25	121	66	180	55	65	29	24	61,5
25	1"	1"1/2 BSPP	25	124	66	180	55	65	29	24	61,5

Femmina NPTF / Female NPTF



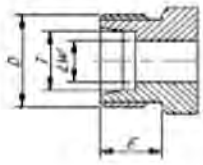
Base Size		Filetto* *Thread**	Dimensioni *Dimension*								
DN	inch	D	LW	L	L1	L2	L3	H	H1	E	I
4	1/8"	1/8" NPTF	4	71	42	110	30	35	14	11	33,5
6	1/4"	1/4" NPTF	6	71	42	110	30	35	14	16	33,5
10	3/8"	3/8" NPTF	10	73	44	110	35	40	17	16	37
13	1/2"	1/2" NPTF	13	83	48	110	37	43	18	17	40
20	3/4"	3/4" NPTF	20	95	62	180	45	55	23	21	52
25	1"	1" NPTF	25	113	66	180	55	65	29	24	60
25	1"	1"1/4 NPTF	25	121	66	180	55	65	29	24	61,5
25	1"	1"1/2 NPTF	25	124	66	180	55	65	29	24	61,5

DIN 2353 serie leggera / DIN 2353 Light series



Base Size		T	Filetto* Thread*	Dimensioni Dimension								
DN	inch		D	LW	L	L_1	L_2	L_3	H	H_1	E	I
6	1/4"	6	M12x1,5	4	76	42	110	30	35	14	10	36
6	1/4"	8	M14x1,5	4	76	42	110	30	35	14	10	36
6	1/4"	10	M16x1,5	4	76	42	110	30	35	14	11	36
10	3/8"	10	M16x1,5	10	76	44	110	35	40	17	11	41
10	3/8"	12	M18x1,5	10	77	44	110	35	40	17	11	41
13	1/2"	15	M22x1,5	13	86	48	110	37	43	18	12	44
13	1/2"	18	M26x1,5	13	86	48	110	37	43	18	12	44
20	3/4"	22	M30X2	20	108	42	180	45	55	23	14	57
25	1"	28	M36X2	25	115	66	180	55	65	29	14	64
25	1"	35	M45X2	25	115	66	180	55	65	29	16	45
25	1"	42	M52X2	25	115	66	180	55	65	29	16	16

DIN 2353 serie pesante / DIN 2353 heavy series



Base Size		T	Filetto* Thread*	Dimensioni Dimension								
DN	inch		D	LW	L	L_1	L_2	L_3	H	H_1	E	I
4	1/8"	8	M16x1,5	4	76	42	110	30	35	14	11	36
6	1/4"	10	M18x1,5	6	76	42	110	30	35	14	12	36
8	5/16"	12	M20x1,5	8	76	42	110	30	35	14	12	36
10	3/8"	12	M20x1,5	10	76	44	110	35	40	17	12	41
10	3/8"	14	M22x1,5	10	83	44	110	35	40	17	14	41
13	1/2"	16	M24x1,5	13	89	48	110	37	43	18	14	44
13	1/2"	20	M30X2	13	93	48	110	37	43	18	16	44
20	3/4"	25	M36X2	20	110	63	180	45	55	23	18	57
25	1"	30	M42X2	25	120	67	180	55	65	29	20	64
25	1"	38	M52X2	25	132	67	180	55	65	29	22	66

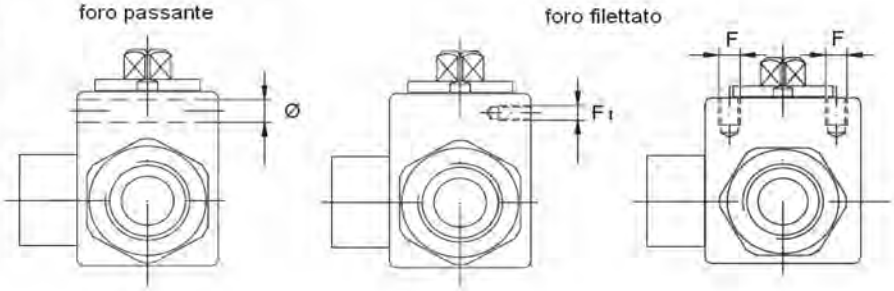
* - a richiesta sono disponibili filettature UNF.

* - *UNF threads are available on request.*

A richiesta: valvole a sfera 3 vie - tipo VS3 con foratura per il montaggic

On request: 3 ways ball valve - type VS3 with mounting holes

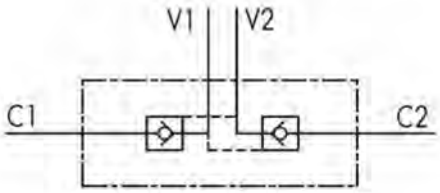
DN	Ø	F	F_1
4	4,25	M5	M6
6	4,25	M5	M6
8	4,25	M5	M6
10	4,25	M6	M6
13	5,25	M6	M6
20	6,25	M6	M10
25	6,25	M6	M10



CVLDP
CV0DP

Valvole di blocco pilotate a doppio effetto

Double pilot operated check valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per bloccare in posizione un cilindro in entrambi i sensi, consentendo il flusso in una direzione ed impedendolo in senso contrario fino a quando non viene applicata la pressione di pilotaggio.

USE AND OPERATION:

Pilot check valves are used to block the cylinder in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato.
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Non ammette trafilamenti.

MATERIALS AND FEATURES:

- *Body: zinc-plated steel.*
- *Internal parts: hardened and ground steel.*
- *Seals: BUNA N standard*
- *Poppet type; any leakage.*

MONTAGGIO:

Collegare V1 e V2 all'alimentazione e C1 e C2 all'attuatore.

APPLICATIONS:

Connect V1 and V2 to the pressure flow and C1 and C2 to the actuator.

A RICHIESTA:

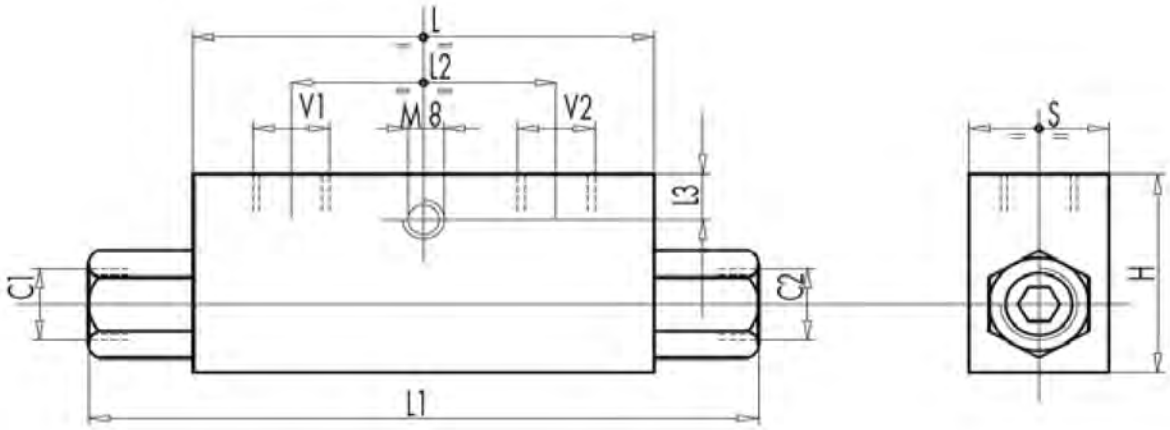
- senza guarnizione OR sul pilota
- molla 1 Bar
- molla 8 Bar

ON REQUEST:

- *without seal on pilot piston*
- *1 Bar spring*
- *8 Bar spring*

Rapp Pilot. Pilot Ratio	Portata Max Max Flow Lt./min	Pressione Max Max Pressure Bar	Pressione Apertura Cracking Pressure Bar
1 : 5,5	20	350	4
1 : 5,5	35	350	3
1 : 5	50	350	3
1 : 5	45	350	3,5
1 : 5	45	350	3,5
1 : 4	70	350	3,5
1 : 4	100	300	2

V1 - V2 C1 - C2 GAS - MET	Dimension L mm	 L1 mm	 L2 mm	 L3 mm	 H mm	 S mm	Peso Weight Kg
G ¼"	64	113	36	8	40	30	0,636
G ⅜"	80	128	38	8	40	30	0,736
G ½"	90	142	45	8	45	35	1,042
G ⅜"	90	156	45	8	45	35	1,174
M18X1,5	90	156	45	8	45	35	1,156
G ½"	80	144	40	18	60	35	1,284
G ¾"	100	192	46	8	60	40	1,916

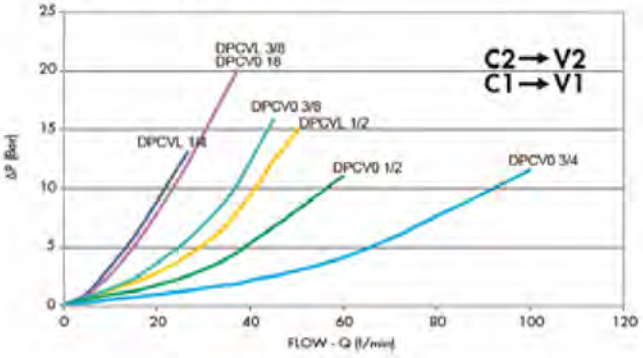


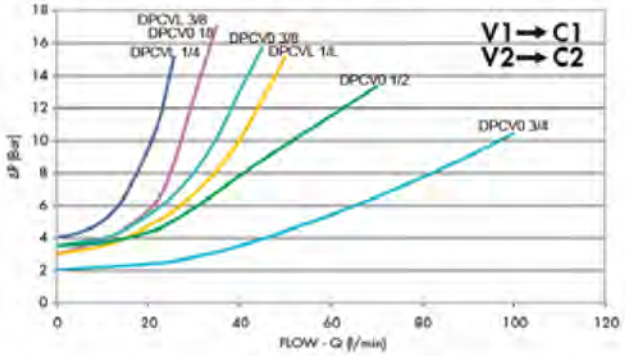
PERDITE DI CARICO

PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt

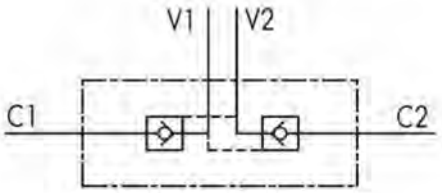
Oil temperature: 50°C - Oil viscosity: 30 cSt





CVXDP Valvole di blocco pilotate doppio effetto con 2 cartucce extracorte DIN 2353

Double pilot operated check valves for 12 mm pipe mounting (DIN 2353)



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per bloccare in posizione un cilindro in entrambi i sensi, consentendo il flusso in una direzione ed impedendolo in senso contrario fino a quando non viene applicata la pressione di pilotaggio. Questa valvola risulta particolarmente adatta per il montaggio su cilindro. A richiesta si fornisce kit di raccordi a misura per il montaggio a interasse definito.

USE AND OPERATION:

Pilot check valves are used to block the actuator in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. They are easily assembled on a cylinder. We supply on request fittings kit for mounting on cylinders with a specific centre distance.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato.
- Componenti interni: acciaio temprato termicamente e rettificato.
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Non ammette trafilamenti

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Poppet type: any leakage.*

MONTAGGIO:

Collegare V1 e V2 all'alimentazione e C1 e C2 all'attuatore attraverso appositi raccordi a occhio.

APPLICATIONS:

Connect V1 and V2 to the pressure flow and C1 and C2 to the actuator with the pipe.

A RICHIESTA:

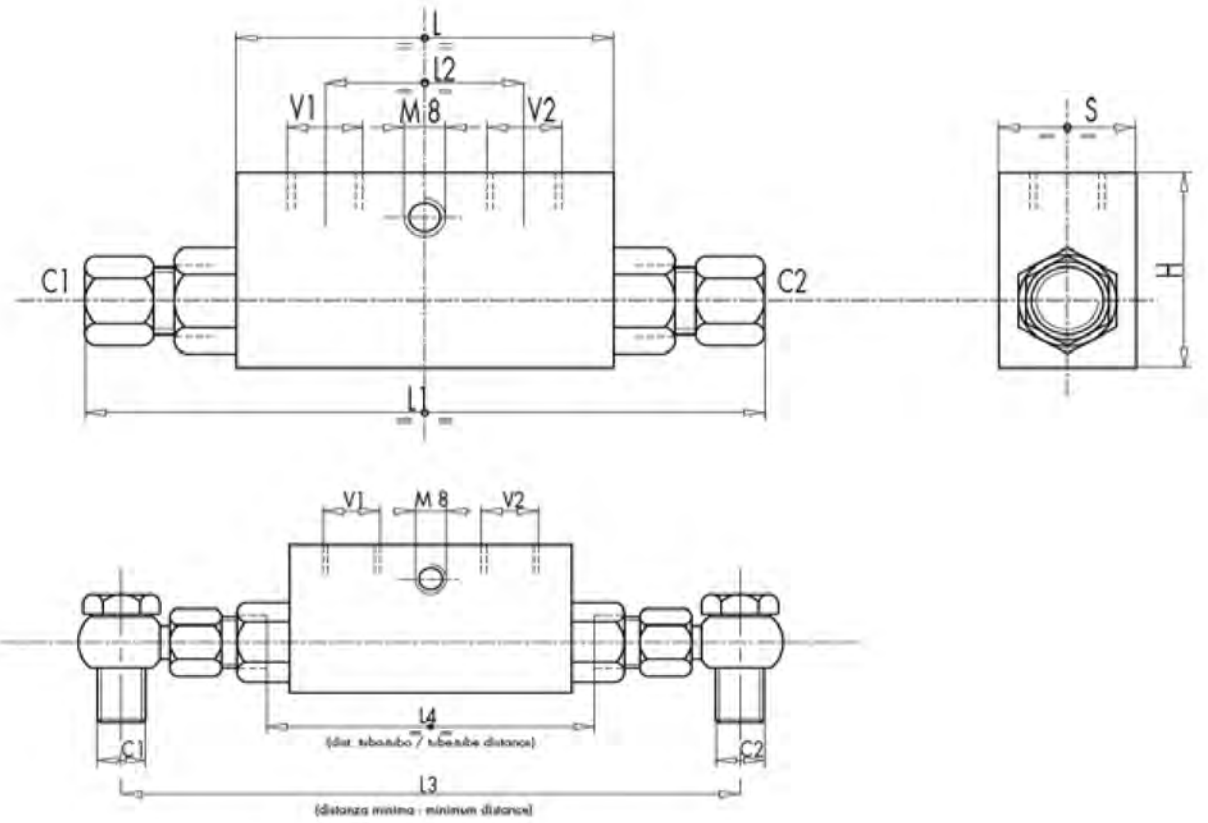
- Senza guarnizione OR sul pilota
- Senza dado e ogiva
- Molla 1 Bar
- Molla 8 bar

ON REQUEST:

- *without seal on pilot piston*
- *without nut and olive*
- *1 Bar spring*
- *8 Bar spring*

Rapp.Pilot Pilot Ratio	Port. Max Max Flow Lt./min	Pressione Max Max Pressure Bar	Pressione Apertura Cracking Pressure Bar
1:5,5	20	350	4
1:5,5	30	350	4
1:5,5	20	350	5,5

V1-V2 C1-C2 GAS	C1-C2 mm	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	S mm	Peso Weight Kg
G ¼"	12L	64	134	36	160	84	40	30	0,648
G ⅜"	12L	64	134	36	166	84	40	30	0,63
G ¼"	10L	64	131	36	160	84	40	30	0,644

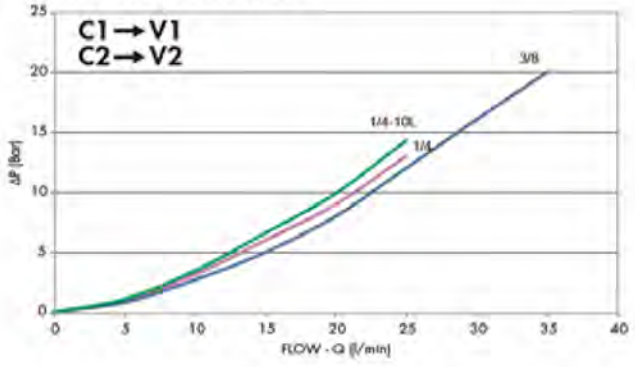


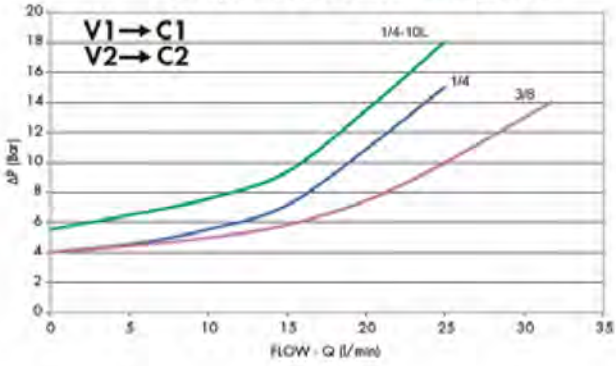
PERDITE DI CARICO

PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt

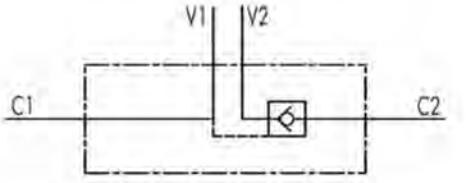




CV0SP
CV1SP

Valvole di blocco pilotate a semplice effetto a 4 vie

Single pilot operated check valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per bloccare in posizione un cilindro in un solo senso, consentendo il flusso in una direzione ed impedendolo in senso contrario fino a quando non viene applicata la pressione di pilotaggio.

USE AND OPERATION:

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Non ammette trafilamenti

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Poppet type: any leakage.*

MONTAGGIO:

Collegare V1 e V2 all'alimentazione, C1 al lato dell'attuatore con flusso libero e C2 al lato dell'attuatore dove si desidera la tenuta.

APPLICATIONS:

Connect V1 and V2 to the pressure flow, C1 to the free flow side of the actuator and C2 to the actuator's side you want the flow to be blocked.

A RICHIESTA:

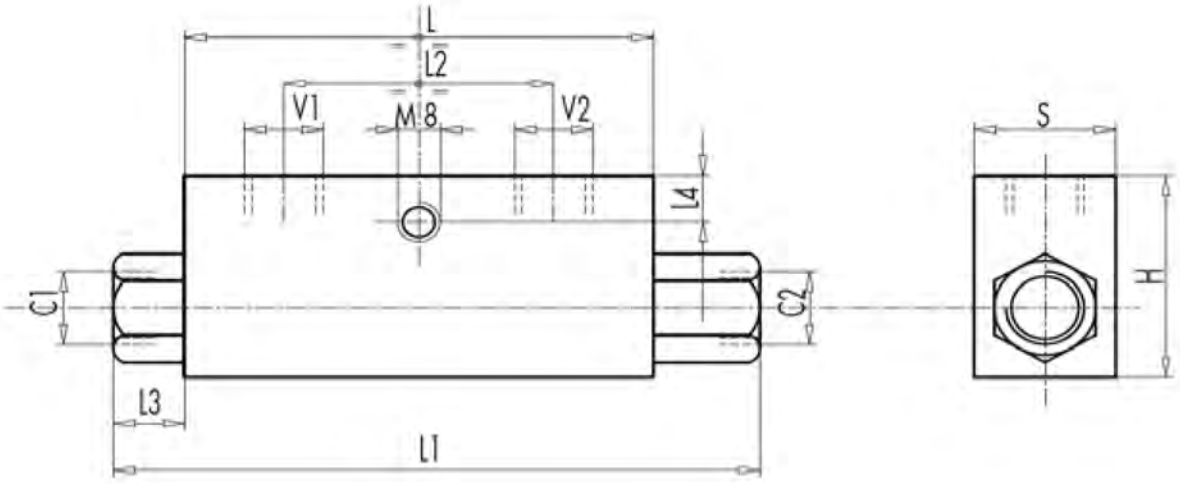
- senza guarnizione OR sul pilota
- molla 1 Bar
- molla 8 Bar

ON REQUEST:

- *without seal on pilot piston*
- *1 Bar spring*
- *8 Bar spring*

Rapp.Pilot Pilot Ratio	Port. Max Max Flow Lt./min	Pressione Max Max Pressure Bar	Pressione Apertura Cracking Pressure Bar
1 : 5,5	20	350	4
1 : 5,5	35	350	3
1 : 5	50	350	3
1 : 5	45	350	3,5
1 : 4	70	350	3,5
1 : 4	100	350	2

V1-V2 C1-C2 GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	S mm	Peso Weight Kg
G ¼"	64	107	36	18,5	8	40	30	0,612
G ⅜"	80	120	38	16	8	40	30	0,706
G ½"	90	133	45	17	8	45	35	0,994
G ⅜"	90	148	45	25	8	45	35	1,13
G ½"	80	134	40	23	18	60	35	1,214
G ¾"	100	182	48	36	8	60	40	1,792

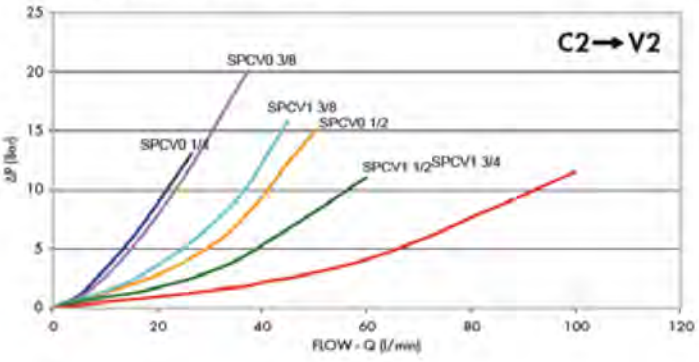


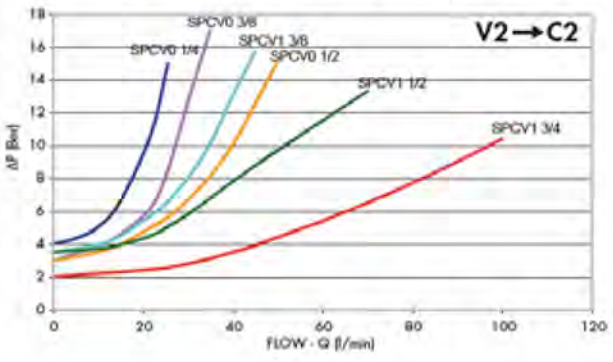
PERDITE DI CARICO

PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt

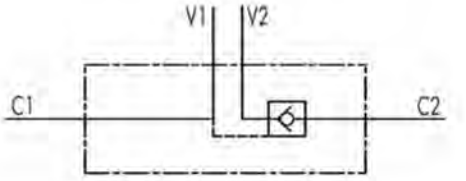
Oil temperature: 50°C - Oil viscosity: 30 cSt





CVXSP Valvole di blocco pilotate a semplice effetto con cartucce extracorte DIN 2353

Single pilot operated check valves
for 12 mm pipe mounting (DIN 2353)



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per bloccare in posizione un cilindro in un solo senso, consentendo il flusso in una direzione ed impedendolo in senso contrario fino a quando non viene applicata la pressione di pilotaggio. Questa valvola risulta particolarmente adatta per il montaggio su cilindro. A richiesta si fornisce kit raccordi a misura per il montaggio a interasse definito.

USE AND OPERATION:

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied. They are easily assembled on cylinders. Specific distance-centre mounting fittings kit on request.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Non ammette trafilamenti

MATERIALS AND FEATURES:

- *Body: zinc-plated steel.*
- *Internal parts: hardened and ground steel.*
- *Seals: BUNA N standard*
- *Poppet type: any leakage.*

MONTAGGIO:

Collegare V1 e V2 all'alimentazione, C1 al lato dell'attuatore con flusso libero e C2 al lato dell'attuatore dove si desidera la tenuta.

APPLICATIONS:

Connect V1 and V2 to the pressure flow, C1 to the free flow side of the actuator and C2 to the actuator's side you want the flow to be blocked.

A RICHIESTA:

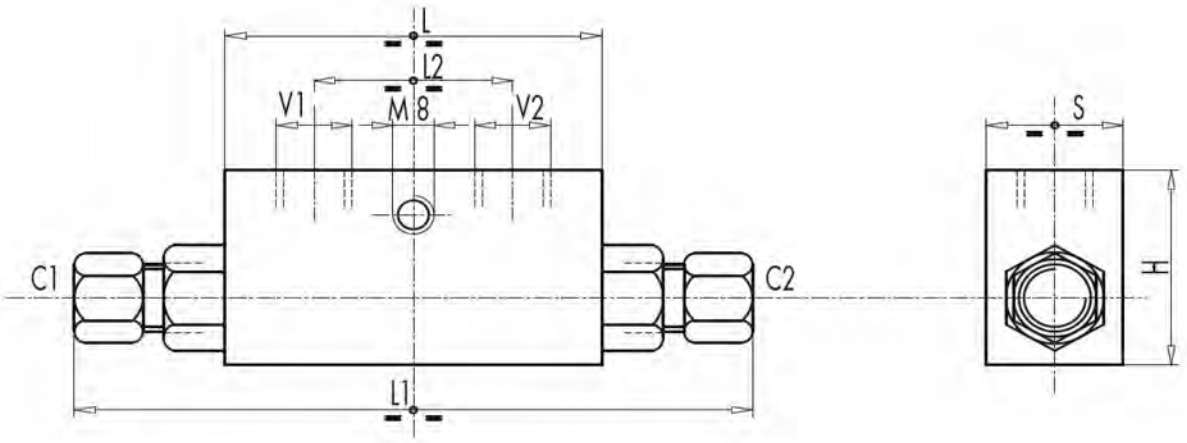
- senza guarnizione OR sul pilota
- senza dado e ogiva
- molla 1 Bar
- molla 8 Bar

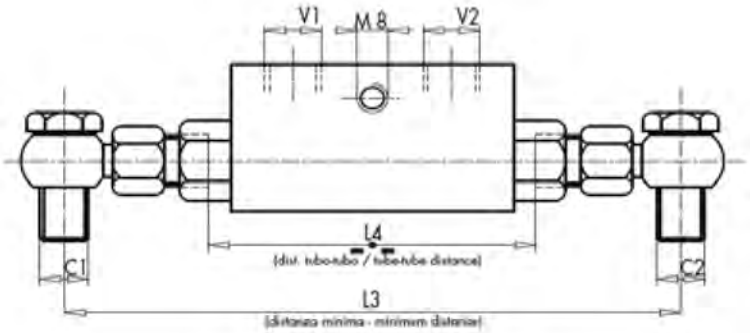
ON REQUEST:

- *without seal on pilot piston*
- *without nut and olive*
- *1 Bar spring*
- *8 Bar spring*

Rapp.Pilot Pilot Ratio	Port. Max Max Flow Lt./min	Pressione Max Max Pressure Bar	Pressione Apertura Cracking Pressure Bar
1 : 5,5	20	350	4
1 : 5,5	30	350	4
1 : 5	50	350	3

V1-V2 C1-C2 GAS	C1-C2 mm	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	S mm	Peso Weight Kg
G ¼"	12L	64	134	36	160	84	40	30	0,638
G ⅜"	12L	64	134	36	166	84	40	30	0,62
G ½"	15L	90	164	45	196	106	45	35	1,088



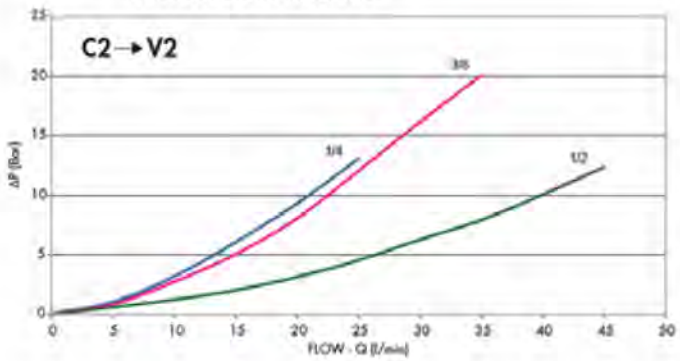


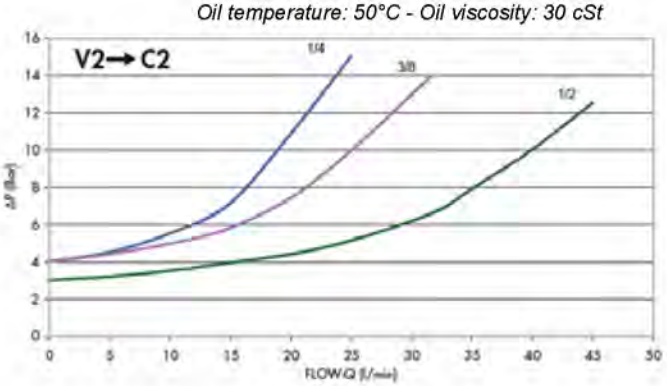
PERDITE DI CARICO

PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt

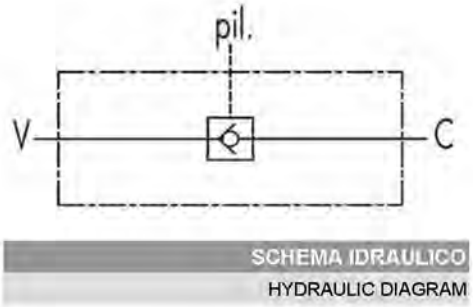
Oil temperature: 50°C - Oil viscosity: 30 cSt





PV3WSC Valvole di blocco pilotate a semplice effetto a 3 vie in linea

3 ways single pilot operated check valves, in line



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per bloccare in posizione un cilindro in un solo senso, consentendo il flusso in una direzione ed impedendolo in senso contrario fino a quando non si applica la pressione di pilotaggio. È realizzata per il montaggio in linea, pertanto può essere montata in qualsiasi posizione.

USE AND OPERATION:

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato.
- Componenti interni: acciaio temprato termicamente e rettificati.
- Guarnizioni: BUNA N
- Tenuta: a cono guidato. Non ammette trafilamenti.

MATERIALS AND FEATURES:

- *Body: yellow-plated steel.*
- *Internal parts: hardened and ground steel.*
- *Seals: BUNA N standard*
- *Poppet type: any leakage.*

MONTAGGIO:

Collegare V all'alimentazione, C all'attuatore dove si desidera la tenuta e Pil. alla linea di pilotaggio.

APPLICATIONS:

Connect V to the pressure flow, C to the actuator's side you want the flow to be blocked and Pil to the pilot line.

A RICHIESTA:

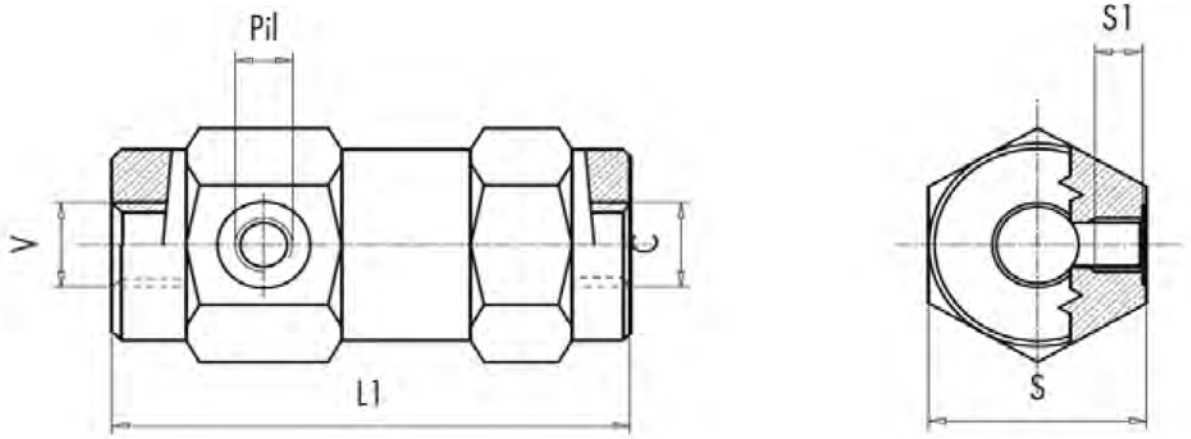
- molla 8 Bar

ON REQUEST:

- *8 Bar spring*

Rapp.Pilot Pilot Ratio	Port. Max Max Flow Lt./min	Pressione Max Max Pressure Bar	Pressione Apertura Cracking Pressure Bar
1 : 9,8	15	350	0,5
1 : 6,5	30	300	0,5
1 : 4,6	45	300	0,5
1 : 4,4	80	250	0,5

V - C GAS	Pil. GAS	Dimension L1 mm	S mm	S1 mm	Peso Weight Kg
G ¼"	G ¼"	103	36	11	0,69
G ⅜"	G ¼"	109	40	11,5	0,9
G ½"	G ¼"	120	42	11	1,04
G ¾"	G ¼"	131	55	14	2,3

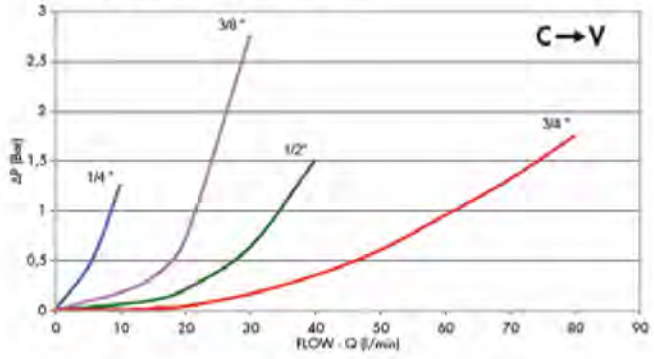


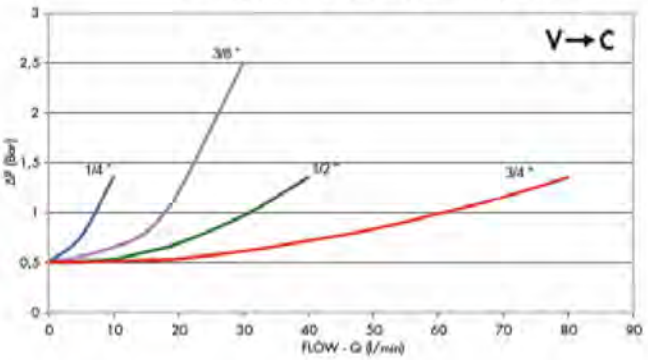
PERDITE DI CARICO

PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt

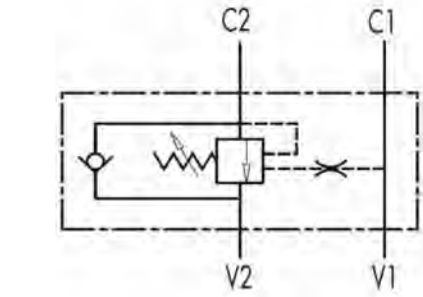
Oil temperature: 50°C - Oil viscosity: 30 cSt





VA0SO Valvole di blocco e controllo discesa a semplice effetto – Tipo A

Single overcentre valves – type A



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per controllare il movimento e il blocco dell'attuatore in una sola direzione realizzando le seguenti funzioni:

- discesa controllata del carico che non sfugge trascinato dal proprio peso, in quanto la valvola non consente alcuna cavitazione dell'attuatore;
- limitazione della pressione massima in caso di urti dovuti al carico, ai sovraccarichi o a manovre brusche (controllo del carico con distributore a centro aperto).

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: trafilamento trascurabile
- Taratura standard: 320 Bar
  La taratura della valvola deve essere almeno 1,3 volte superiore alla pressione indotta dal carico per consentire alla valvola di chiudersi anche quando sottoposta alla pressione corrispondente al carico massimo.

MONTAGGIO:

Collegare V1 e V2 all'alimentazione, C1 al lato dell'attuatore di flusso libero e C2 al lato dell'attuatore dove si desidera la tenuta. Il montaggio è in linea.

A RICHIESTA:

- Pressione di taratura diversa da quella standard.
- Piombatura (CODICE-P) e predisposizione alla piombatura (CODICE-PP).

USE AND OPERATION:

These valves are used to control actuator's movement and block in one direction in order to enable the following functions:

- *under control descent of a load: load's weight doesn't carry it away as the valve prevents any cavitations of the actuator;*
- *limited maximum pressure in case of shocks created by loads, overloads or sudden manoeuvrings (load control with opened centre distributor).*

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Tightness: minor leakage*
- *Standard setting: 320 Bar*
  Valve setting must be at least 1,3 times more than load pressure in order to enable the valve to close even when undergone to the maximum load pressure.

APPLICATIONS:

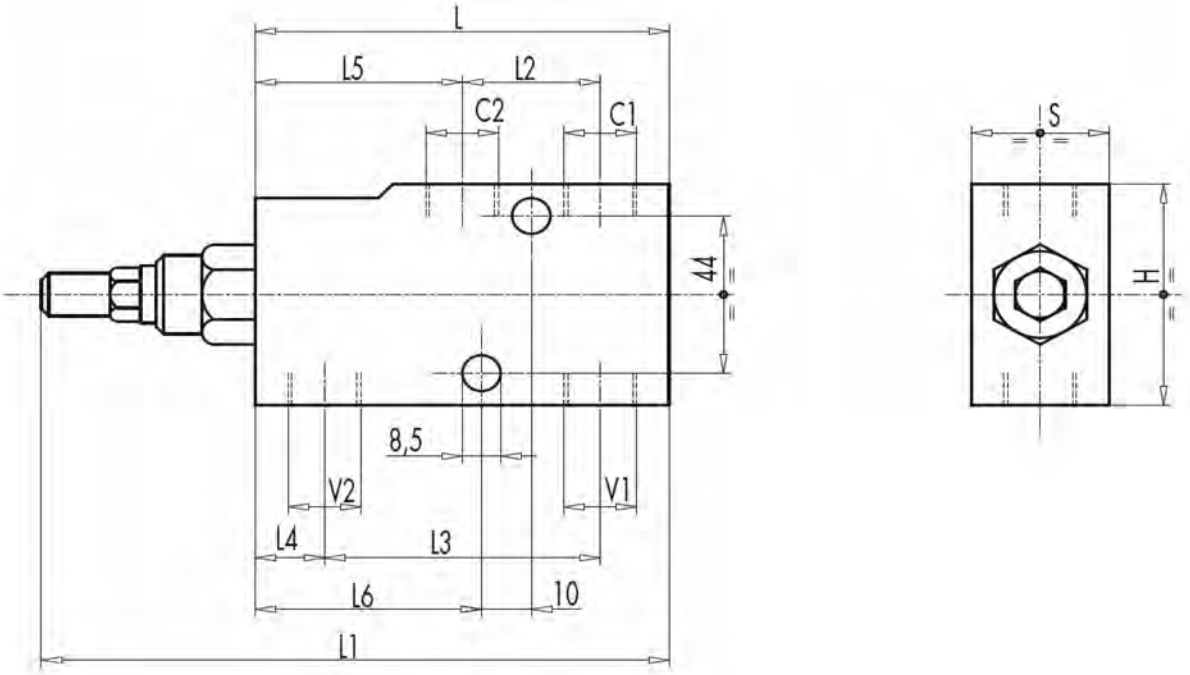
Connect V1 and V2 to the pressure flow, C1 to the free flow side of the actuator and C2 to the actuator's side you want the flow to be blocked. In-line mounting.

ON REQUEST:

- *other settings available*
- *sealing cap (CODE-P) and arranged for sealing cap (CODE-PP)*

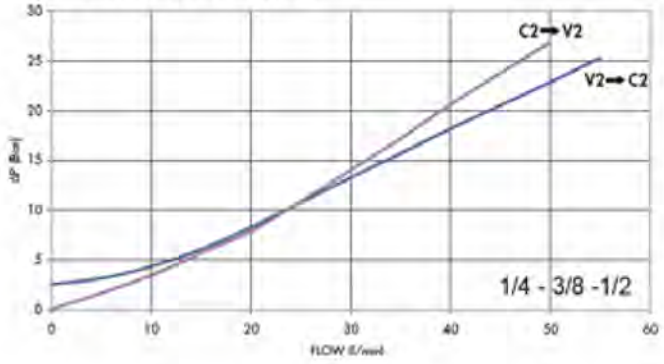
Rapp.Pilot Pilot Ratio	Portata Max Max Flow Lt./min	Pressione Max Max Pressure Bar
1 : 4,5	20	350
1 : 4,5	40	350
1 : 4,5	60	350
1 : 5,5	95	350

V1-V2 C1-C2 GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	S mm	Peso Weight Kg
G ¼"	100	149	30	60	20	50	55	60	30	1,31
G ⅜"	100	149	30	60	20	50	55	60	30	1,256
G ½"	100	149	36	65	20	50	57,5	60	30	1,196
G ¾"	127	192	46	85	23,5	62,5	75	80	35	2,372



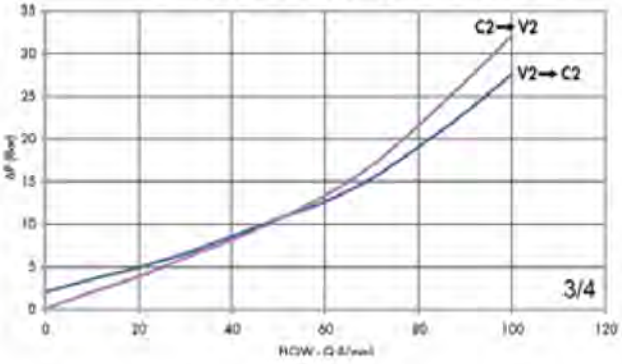
PERDITE DI CARICO

PRESSURE DROPS CURVE



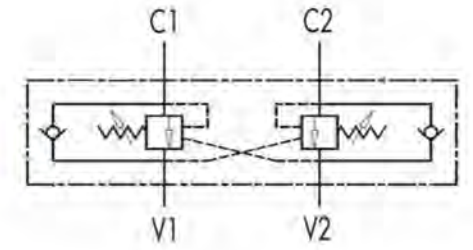
Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt



VA0DO Valvole di blocco e controllo discesa a doppio effetto – tipo A

Double overcentre valves – type A



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per controllare il movimento e il blocco dell'attuatore in una sola direzione realizzando le seguenti funzioni:

- discesa controllata del carico che non sfugge trascinato dal proprio peso, in quanto la valvola non consente alcuna cavitazione dell'attuatore;
- limitazione della pressione massima in caso di urti dovuti al carico, ai sovraccarichi o a manovre brusche (controllo del carico con distributore a centro aperto).

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: trafilamento trascurabile
- Taratura standard: 320 Bar
  La taratura della valvola deve essere almeno 1,3 volte superiore alla pressione indotta dal carico per consentire alla valvola di chiudersi anche quando sottoposta alla pressione corrispondente al carico massimo.

MONTAGGIO:

Collegare V1 e V2 all'alimentazione e C1 e C2 all'attuatore da controllare. Il montaggio è in linea.

A RICHIESTA:

- Pressione di taratura diversa da quella standard.
- Piombatura (CODICE-P) e predisposizione alla piombatura (CODICE-PP).

USE AND OPERATION:

These valves are used to control actuator's movement and block in one direction in order to enable the following functions:

- *under control descent of a load: load's weight doesn't carry it away as the valve prevents any cavitations of the actuator;*
- *limited maximum pressure in case of shocks created by loads, overloads or sudden manoeuvrings (load control with opened centre distributor).*

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Tightness: minor leakage*
- *Standard setting: 320 Bar*
  Valve setting must be at least 1,3 times more than load pressure in order to enable the valve to close even when undergone to the maximum load pressure.

APPLICATIONS:

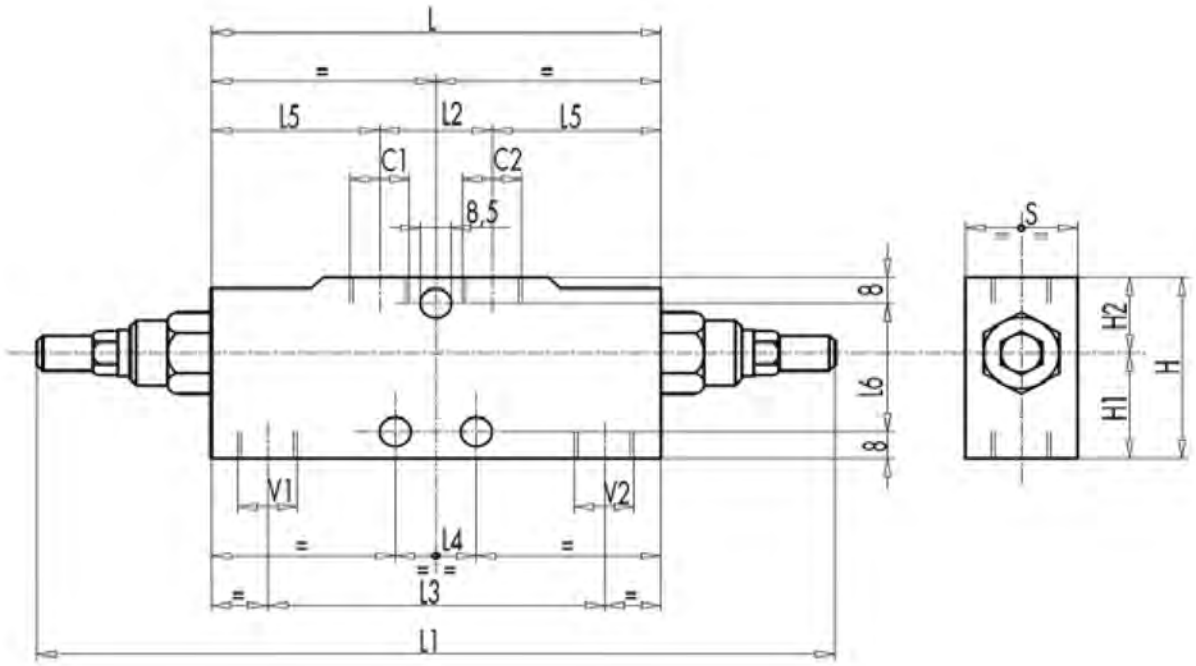
Connect V1 and V2 to the pressure flow, C1 and C2 to the actuator to be controlled. In-line mounting.

ON REQUEST:

- *other settings available*
- *sealing cap (CODE-P) and arranged for sealing cap (CODE-PP)*

Rapp.Pilot Pilot Ratio	Portata Max Max Flow Lt./min	Pressione Max Max Pressure Bar
1 : 4,5	20	350
1 : 4,5	40	350
1 : 4,5	60	350
1 : 5,5	95	350

V1-V2 C1-C2 GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H1 mm	H2 mm	H mm	S mm	Peso Weig. Kg
G ¼"	150	248	50	110	30	50	44	32	28	60	30	1,968
G ⅜"	150	248	50	110	30	50	44	32	28	60	30	1,944
G ½"	150	248	50	110	30	50	44	32	28	60	30	1,886
G ¾"	190	320	65	143	44	62,5	64	40	40	80	35	3,82

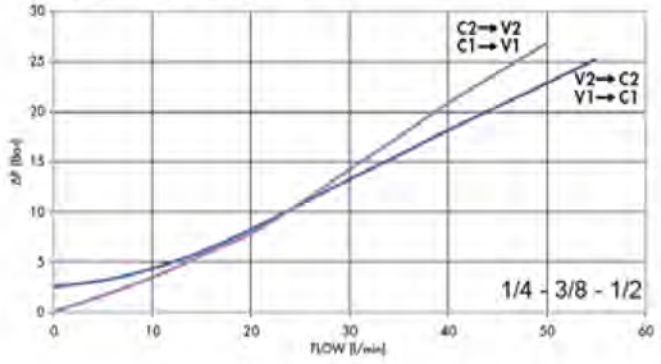


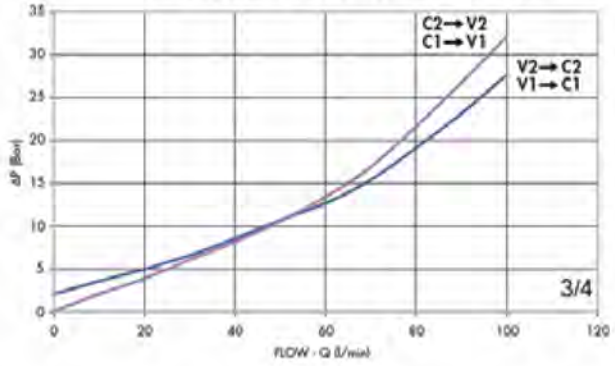
PERDITE DI CARICO

PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt

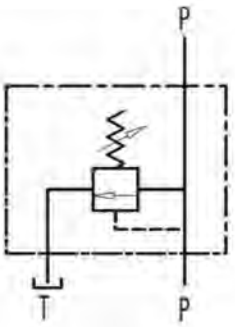
Oil temperature: 50°C - Oil viscosity: 30 cSt





V00LR Valvole di massima pressione leggere

Light relief valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per limitare la pressione di un circuito idraulico ad un determinato valore di taratura. Al raggiungimento di tale valore la valvola si apre e scarica la pressione in modo che questa non salga oltre il valore di taratura.

USE AND OPERATION:

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve opens allowing pressure relief in order not to exceed this setting.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Poppet type: minor leakage.*

MONTAGGIO:

Collegare il ramo del circuito in pressione a P e il ramo di scarico a T. L'attacco P è reversibile.

APPLICATIONS:

Connect circuit port with pressure to P and tank port to T. Port P is reversible.

A RICHIESTA:

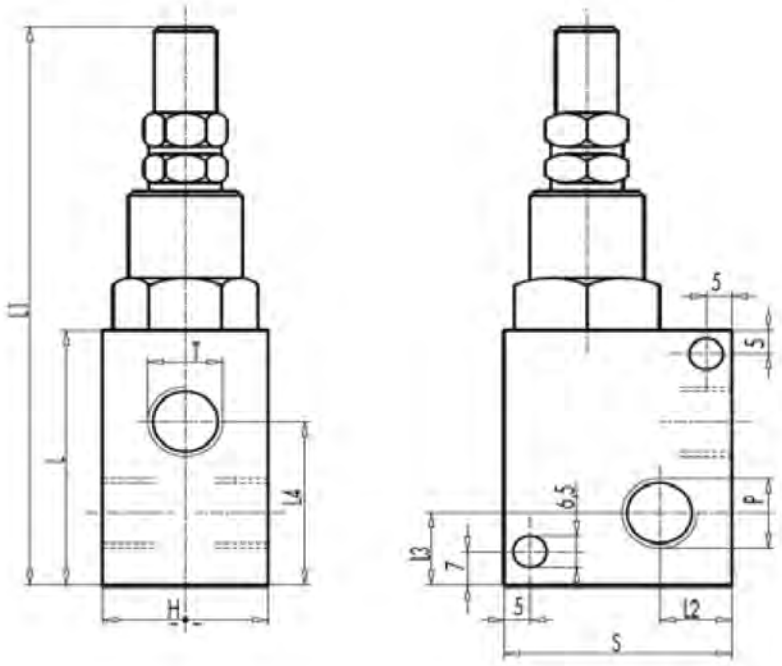
- Molle per diversi campi di taratura (vedi tabella 1)
- Pressione di taratura diversa da quella standard (CODICE-T specificando il valore di taratura)

ON REQUEST:

- *different setting range (see the table 1)*
- *other setting available (CODE-T: please specify the desired setting)*

Portata Max Max Flow Lt./min
30
40

P-T GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	S mm	Peso Weig Kg
G ¼"	52	114	12	13	34	30	40	0,474
G ⅜"	55	117	12	15	35,5	30	40	0,472



Regolazione - Adjustement

CODICE/V • CODE/V	Volantino *Handknob*
CODICE/PP • CODE/PP	Predisposizione alla piombatura *Arranged for sealing cap*
CODICE/P • CODE/P	Piombatura *Sealing cap*

Molle • Springs

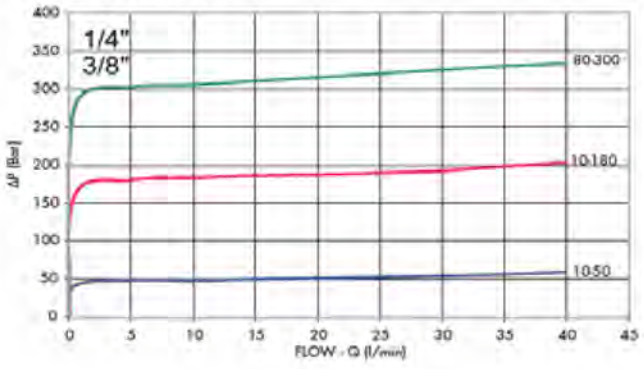
tab. 1

Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q = 4 l/min	Taratura standard Standard setting (bar)
10 – 50*	7	30
10 – 180 (Standard)	40	100
80 – 300	50	150

* - Per tarature inferiori a 70 Bar: Q = 12 l/min / For setting less than 70 Bar: Q = 12 l/min

PRESSIONE/PORTATA

PRESSURE/FLOW

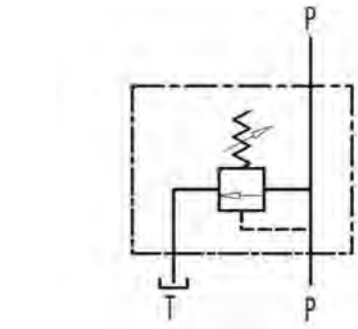


Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt

004RV Valvole di massima pressione

Relief valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvola utilizzata per limitare la pressione di un circuito idraulico ad un determinato valore di taratura. Al raggiungimento di tale valore la valvola si apre e scarica la pressione in modo che questa non salga oltre il valore di taratura.

USE AND OPERATION:

The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve opens allowing pressure relief in order not to exceed this setting.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Poppet type: minor leakage.*

MONTAGGIO:

Collegare il ramo del circuito in pressione a P e il ramo di scarico a T. L'attacco P è reversibile.

APPLICATIONS:

Connect circuit port with pressure to P and tank port to T. Port P is reversible.

A RICHIESTA:

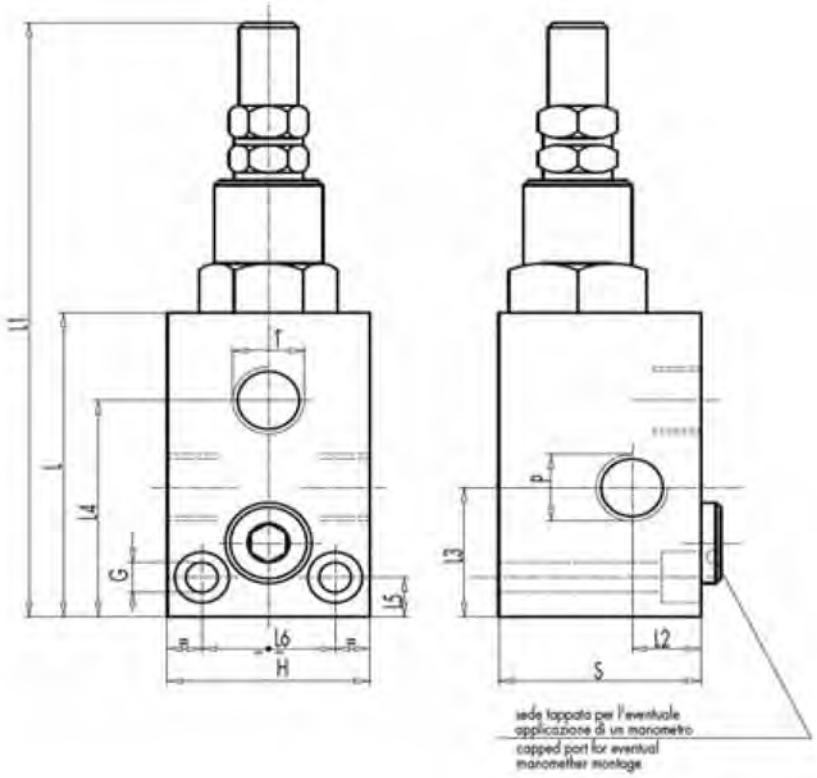
- Molle per diversi campi di taratura (vedi tabella 1)
- Pressioni di taratura specifiche (CODICE-T specificando il valore di taratura)

ON REQUEST:

- *different setting range (see the table 1)*
- *other settings available (CODE-T: please specify the desired setting)*

Portata Max Max Flow Lt./min
45
70
120

P-T GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	G mm	H mm	S mm	Peso Weig. Kg
G ⅜"	72	134	15	26	49,5	8,5	26	6,5	40	40	0,824
G ½"	77	139	17,5	30	54	8,5	30	6,5	45	45	1,058
G ¾"	92	154	17,5	35	68	10	32	8,5	50	50	1,47



Regolazione - Adjustement

CODICE-V • CODE-V	Volantino *Handknob*
CODICE-PP • CODE-PP	Predisposizione alla piombatura *Arranged for sealing cap*
CODICE-P • CODE-P	Piombatura *Sealing cap*

Molle • Springs

tab. 1

Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q = 4 l/min	Taratura standard Standard setting (bar)
10 – 50*	7	30
20 – 100	12	75
10 – 180 (Standard)	30	90
50 – 250	45	130
80 – 300	50	150

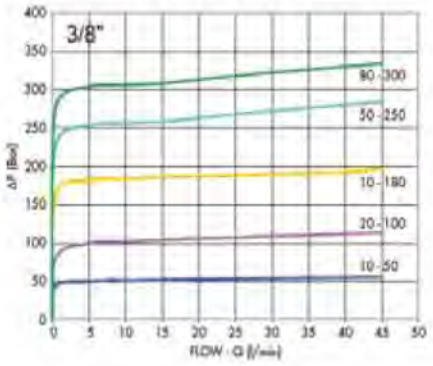
* - Per tarature inferiori a 70 Bar: Q = 12 l/min / For setting less than 70 Bar: Q = 12 l/min

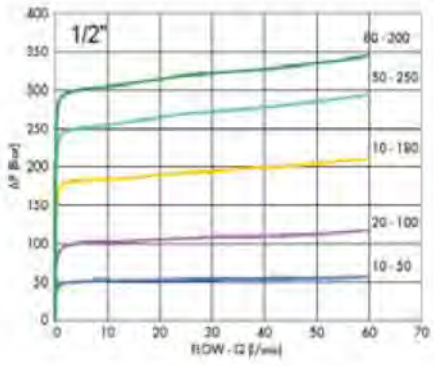
PRESSIONE/PORTATA

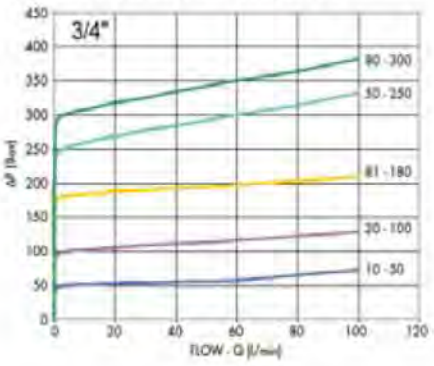
PRESSURE/FLOW

Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt

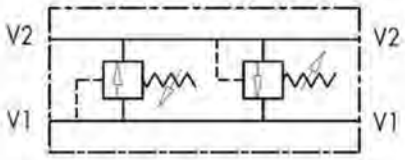






RV0DC Valvole antiurto

Dual cross relief valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Costituite da due valvole di massima pressione con scarico incrociato, sono utilizzate per limitare la pressione in entrambi i rami di un attuatore o motore idraulico ad un determinato valore di taratura. Trovano il miglior impiego sia come valvole antishock sia per regolare i due rami di un circuito idraulico a diversi valore di pressione.

USE AND OPERATION:

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Poppet type: minor leakage.*

MONTAGGIO:

Collegare V1 e V2 o all'alimentazione o all'attuatore/motore idraulico. Viceversa per le due bocche V1 e V2 rimanenti. Se ne raccomanda il montaggio vicino all'attuatore per limitare le perdite di carico e ottenere un pronto funzionamento.

APPLICATIONS:

Connect V1 and V2 to the pressure flow or to the actuator/hydraulic motor. Vice versa for the remaining ports V1 and V2. Mounting by the actuator is highly recommended in order to avoid pressure drops.

A RICHIESTA:

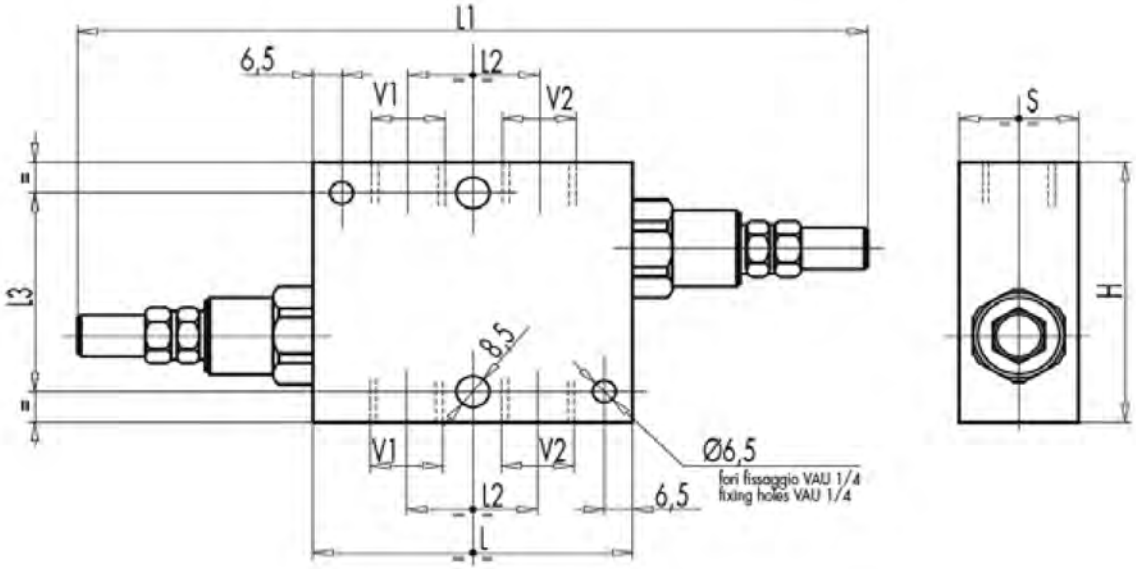
- Molle per diversi campi di taratura (vedi tabella 1)
- Pressioni di taratura specifiche (CODICE-T specificando il valore di taratura)

ON REQUEST:

- *different setting range (see the table 1)*
- *other settings available (CODE-T: please specify the desired setting)*

Portata Max Max Flow Lt./min
30
45
70
110

V1–V2 GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	H mm	S mm	Peso Weig Kg
G ¼"	60	184	26	54	70	30	0,988
G ⅜"	80	204	33	54	70	30	1,208
G ½"	80	204	38	54	70	30	1,15
G ¾"	95	219	44	54	80	35	1,68



Regolazione - Adjustement

CODICE-V • CODE-V	Volantino *Handknob*
CODICE-PP • CODE-PP	Predisposizione alla piombatura *Arranged for sealing cap*
CODICE-P • CODE-P	Piombatura *Sealing cap*

Molle • Springs

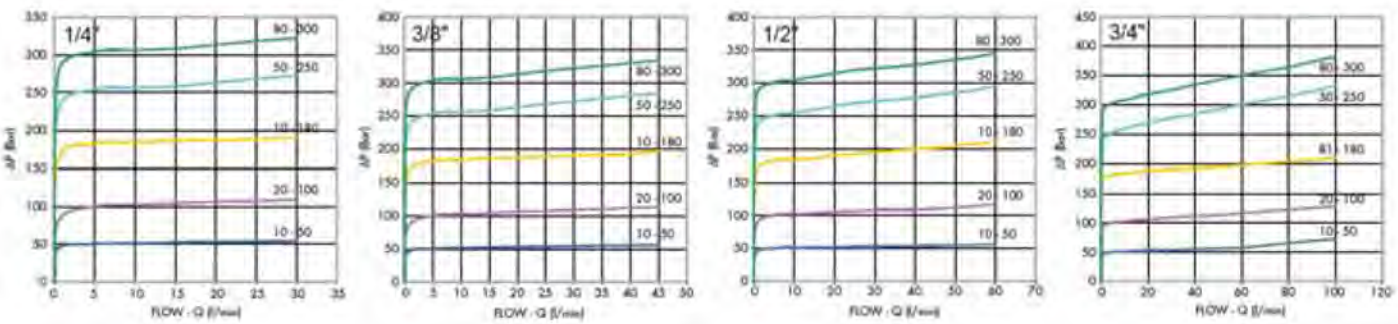
tab. 1

Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q = 4 l/min	Taratura standard Standard setting (bar)
10 – 50*	7	30
20 – 100	12	75
10 – 180 (Standard)	30	90
50 – 250	45	130
80 – 300	50	150

* - Per tarature inferiori a 70 Bar: Q = 12 l/min / For setting less than 70 Bar: Q = 12 l/min

PRESSIONE/PORTATA
PRESSURE/FLOW

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50°C - Oil viscosity: 30 cSt

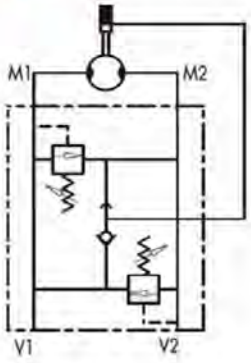


RVDS0DC
RVDP0DC
RVDT0DC

Valvole antiurto flangiabili su motori danfoss serie OMS – OMP/OMR - OMT

Dual cross relief valve flangeable on danfoss motors OMS – OMP/OMR - OMT

OMP/OMR *OMS* *OMT*



(con sbloccafreno) **SCHEMA IDRAULICO**
(with brake unclaping) HYDRAULIC DIAGRAM

IMPIEGO:

Costituite da due valvole di massima pressione con scarico incrociato, sono utilizzate per limitare la pressione in entrambi i rami di un attuatore o motore idraulico ad un determinato valore di taratura. Trovano il miglior impiego sia come valvole antishock sia per regolare i due rami di un circuito idraulico a diversi valore di pressione. La flangiatura diretta, adatta per motori Danfoss della serie OMS, OMP-OMR e OMT, garantisce la massima sicurezza, minime perdite di carico e compattezza d'installazione.

USE AND OPERATION:

Made up by 2 relief valves with crossed tank, this valve is used to block pressure to a certain setting in the 2 ports of an actuator/hydraulic motor. It's ideal to provide protection against sudden shock pressures and to adjust different pressures in the 2 ports of an hydraulic circuit as well. Direct flange is ideal for Danfoss motors type OMS, OMP-OMR and OMT and provides a maximum safety, very low pressure drops and solid installation.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a cono guidato. Trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Poppet type: minor leakage.*

MONTAGGIO:

Flangiare M1 e M2 al motore e collegare le bocche V1 e V2 all'alimentazione.

APPLICATIONS:

Flange M1 and M2 directly to the motor and connect ports V1 and V2 to pressure flow.

A RICHIESTA:

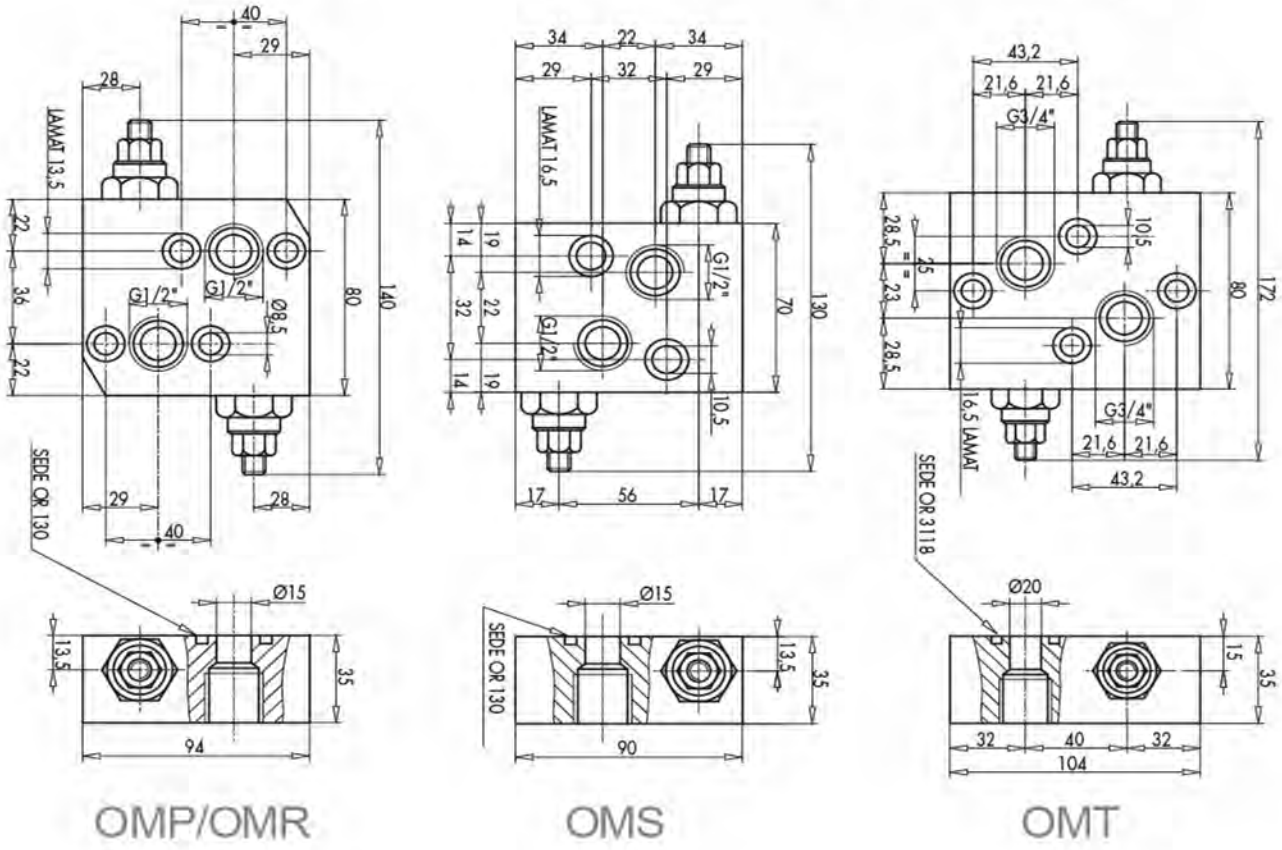
- Molle per diversi campi di taratura (vedi tabella 1)
- Pressioni di taratura specifiche (CODICE-T specificando il valore di taratura)
- Versione semplice effetto, con una sola valvola di massima (CODICE-SE)
- Valvola con sbloccafreno (CODICE-SF)

ON REQUEST:

- *different setting range (see the table 1)*
- *other settings available (CODE-T: please specify the desired setting)*
- *single acting with just 1 relief valve available (CODE-SE)*
- *brake unclaping (CODE-SF)*

for series	Portata Max Max Flow Lt./min
OMS	50
OMP/OMR	60
OMT	100

for series	V1 – V2 GAS	Peso Weig Kg
OMS	G ½"	1,326
OMP/OMR	G ½"	1,752
OMT	G ¾"	1,92



OMP/OMR OMS OMT

Regolazione - Adjustement

CODICE-V • CODE-V	Volantino *Handknob*
CODICE-PP • CODE-PP	Predisposizione alla piombatura *Arranged for sealing cap*
CODICE-P • CODE-P	Piombatura *Sealing cap*

Molle • Springs

tab. 1

Campo di taratura Setting range (bar)	Incremento bar per giro Pressure increase (bar/turn) Q = 4 l/min	Taratura standard Standard setting (bar)
10 – 50*	7	30
20 – 100	12	75
10 – 180 (Standard)	30	90
50 – 250	45	130
80 – 300	50	150

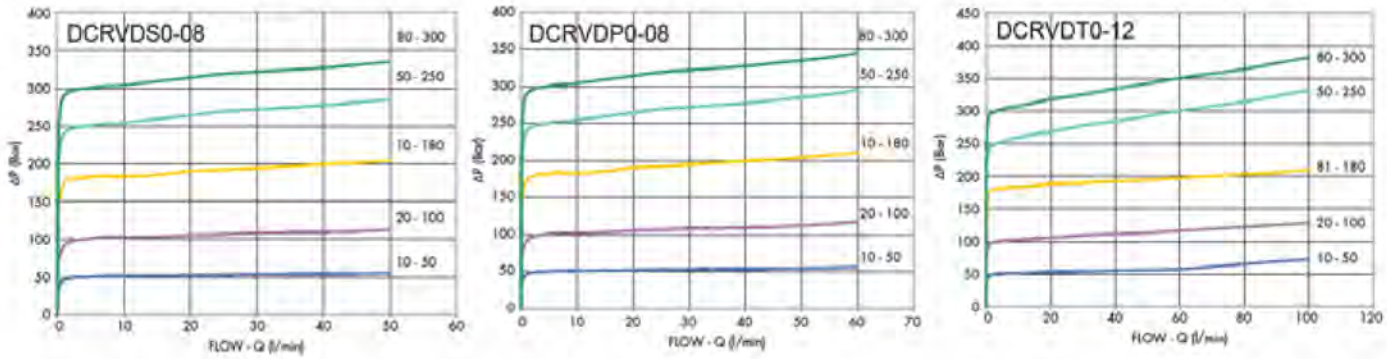
* - Per tarature inferiori a 70 Bar: Q = 12 l/min / For setting less than 70 Bar: Q = 12 l/min

PRESSIONE/PORTATA

PRESSURE/FLOW

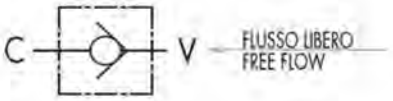
Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt



005VU Valvole unidirezionali

Check valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvole che consentono il flusso libero in un senso e lo bloccano nel senso opposto.

USE AND OPERATION:

In the check valves flow is free in one direction and blocked in the reverse one.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Tenuta: a cono guidato. Non ammette trafilamenti.

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Poppet type: any leakage.*

MONTAGGIO:

Collegare V all'alimentazione e C all'utilizzo. Il flusso passa libero da V a C ed è bloccato nel senso opposto.

APPLICATIONS:

Connect V to the pressure flow and C to the actuator. Flow is free from V to C and blocked in the reverse direction.

A RICHIESTA:

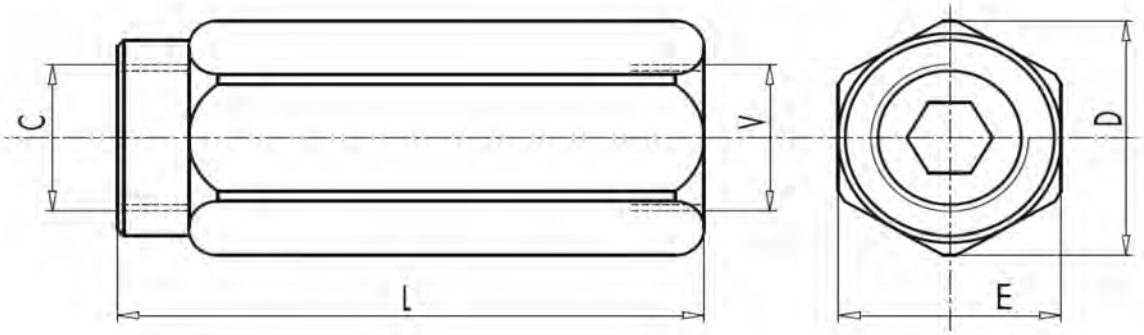
- Pressione d'apertura diversa da quella standard: 1-3-5-8 Bar (specificare nella descrizione il valore della pressione d'apertura desiderato). La valvola tarata viene utilizzata per mantenere sottopressione un impianto idraulico.

ON REQUEST:

- *different cracking pressures: 1-3-5-8 bar (please specify the desired cracking pressure in the product description). Set valve is used to keep a hydraulic system under pressure.*

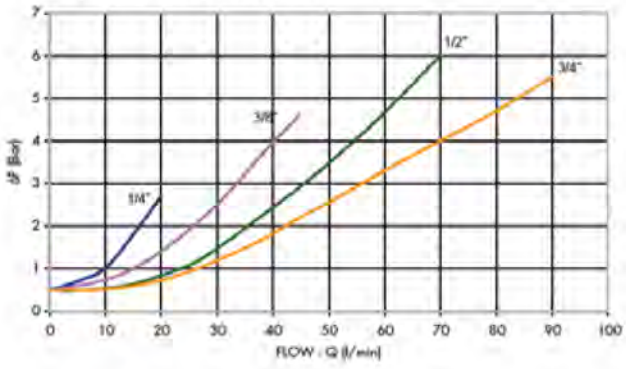
PORTATA MAX MAX FLOW Lt./min	PRESSIONE MAX MAX PRESSURE Bar	PRESSIONE APERTURA CRACKING PRESSURE Bar
3	350	±0,4/0,7
20	350	±0,4/0,7
45	350	±0,4/0,7
70	350	±0,4/0,7
110	350	±0,4/0,7
160	350	±0,4/0,7
200	350	1
300	350	1

V - C GAS	Dimension L mm	 E mm	 D mm	Peso Weig Kg
G ⅛"	44	14	16	0,038
G ¼"	62	19	21	0,104
G ⅜"	68	24	26,5	0,184
G ½"	77	30	34	0,322
G ¾"	88	36	40	0,492
G 1"	105	41	46	0,676
G 1"¼	135	55	63	1,646
G 1"½	145	60	69	1,95



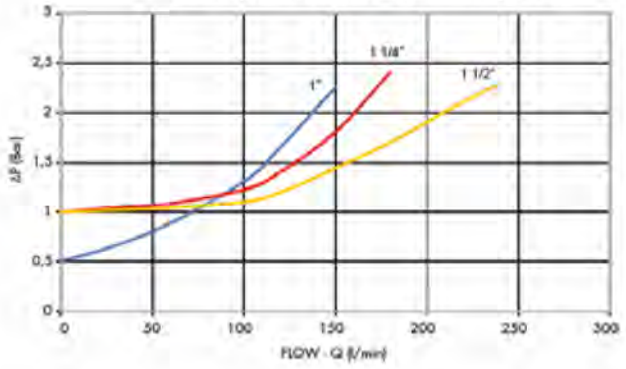
PERDITE DI CARICO

PRESSURE DROPS CURVE



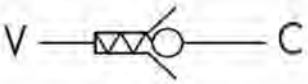
Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt



BAVU Valvole unidirezionali con blocco automatico (paracadute)

Hose burst valves cartridge



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvole utilizzate per prevenire la discesa incontrollata dell'attuatore in caso di rottura della tubazione. All'improvviso aumentare della portata (flusso di reazione) la valvola entra in funzione chiudendo il flusso.

USE AND OPERATION:

These valves are used to prevent uncontrolled descent of a load in case of hose failure. When it exceeds the valve setting (reaction flow), the valve block the flow.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio, brunito.

MATERIALS AND FEATURES:

- *Body: steel, burnished*

MONTAGGIO:

Avvitare la valvole nell'apposita cavità collegando V all'alimentazione e C all'attuatore. Se ne consiglia l'uso con una valvola di regolazione flusso.

APPLICATIONS:

Screw in the valve connecting V to the pressure flow and C to the actuator. The use together with a flow control valve is recommended.

A RICHIESTA:

- Regolazioni personalizzate (è consigliata una taratura tale che il flusso corrispondente sia almeno 1,5 volte superiore al flusso dell'impianto): specificare la portata (l/min) o la distanza S (mm) tra piattello e valvola.

ON REQUEST:

- *Preset hose bursts available (the reaction flow should be set 1,5 times more than the rate flow of the system). Please specify flow (lt/min) or distance S (mm) from the flat to the valve.*

- Con foro sul piattello (CODICE-F, specificando la dimensione del foro) per la discesa lenta del carico a valvola chiusa.

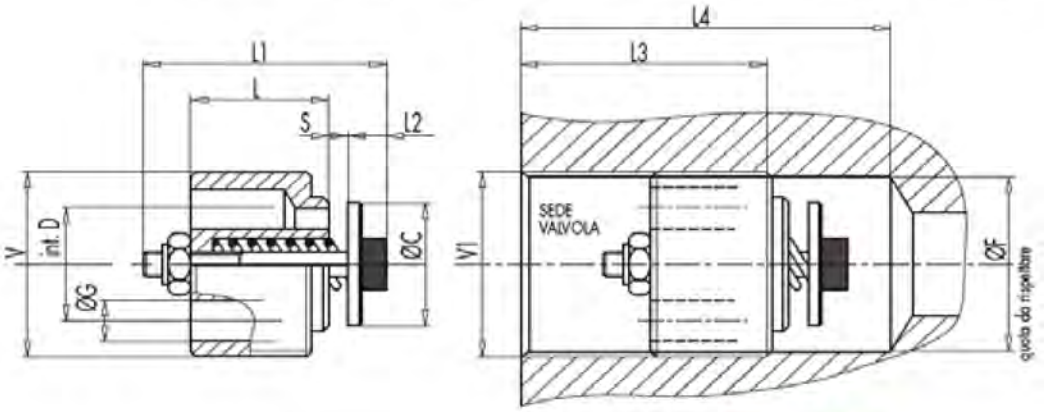
- *Hole on the flat (CODE-F, please specify hole dimension) for a slow load descent with closed valve.*

- Valvole complete di manicotto m/f o f/f per il montaggio in linea vicino all'attuatore.

- *Valve completes with m/f or f/f thread body for in line mounting by the actuator.*

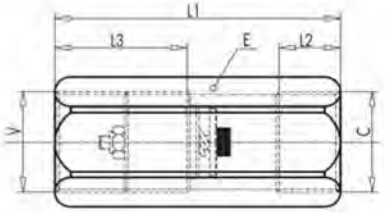
PORTATA MAX MAX FLOW Lt./min	PRESSIONE MAX MAX PRESSURE Bar
25	350
50	350
80	350
140	350
180	350

V – V1 GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	ØC mm	ØG mm	ØF mm	ØD(i) mm	S mm	Peso Weig Kg
G ¼"	8	18	5	28	35	9,5	2,5	11,8	8	0,8	0,006
G ⅜"	10,5	23	5	31	40	12,5	3,5	15,2	10,5	1,2	0,012
G ½"	13	29	5	33	43	15	4,5	19	12,5	1,6	0,024
G ¾"	18	34	7	40	53	18,5	6	24,5	16	2,1	0,048
G 1"	20	40	8	43	66	25	7	30,5	19	2,8	0,098



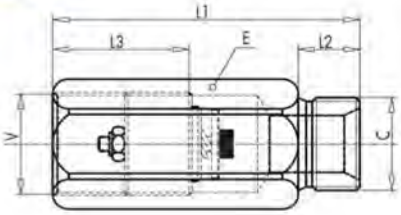
Female/Female

V – V1 GAS	Dimension L1 mm	L2 mm	L3 mm	E mm	Peso Weig. Kg
G ¼"	50	16	28	19	0,072
G ⅜"	58	17	31	24	0,132
G ½"	62	18	33	27	0,146
G ¾"	75	21	40	32	0,22
G 1"	85	26	43	41	0,452



Female/Male

V – V1 GAS	Dimension L1 mm	L2 mm	L3 mm	E mm	Peso Weig Kg
G ¼"	50	12	28	19	0,064
G ⅜"	58	13	31	24	0,12
G ½"	62	14	33	27	0,14
G ¾"	75	16	40	32	0,228
G 1"	85	19	43	41	0,456

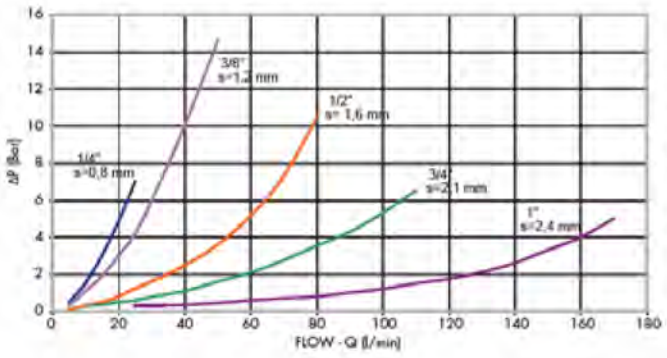


PERDITE DI CARICO

PRESSURE DROPS CURVE

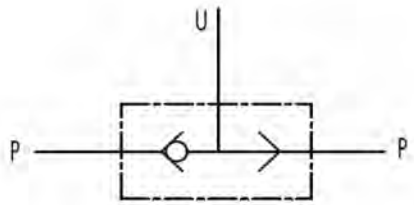
Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt



2APSV Valvole commutatrici per l'utilizzo di due pompe alternate

Shuttle valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:
Valvola utilizzata per selezionare, tra due segnali indipendenti di pressione, quello con valore maggiore ed escludere l'altro.

USE AND OPERATION:
This valve is used to select higher pressure between two pressure lines.

MATERIALI E CARATTERISTICHE:
- Corpo: acciaio zincato
- Guarnizioni: BUNA N standard
- Tenuta: a sfera

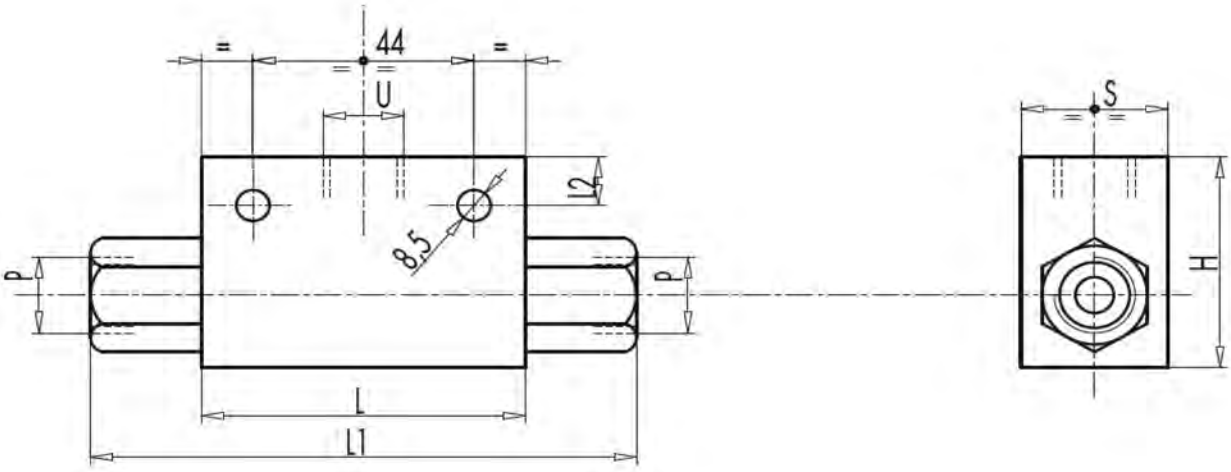
MATERIALS AND FEATURES:
- *Body: zinc-plated steel*
- *Seal: BUNA N standard*
- *Tightness: ball type*

MONTAGGIO:
Collegare gli attacchi P alle linee da selezionare e U alla linea da alimentare.

APPLICATIONS:
Connect ports P to the 2 lines to select and U to the line to feed.

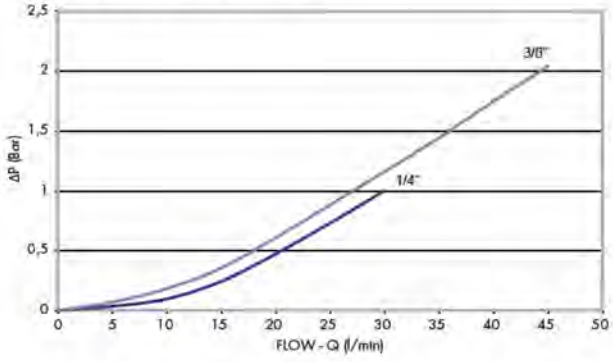
PORTATA MAX MAX FLOW Lt./min	PRESSIONE MAX MAX PRESSURE Bar
30	450
45	400
70	350
110	300

U - P GAS	Dimension L mm	L1 mm	L2 mm	H mm	S mm	Peso Weig Kg
G ¼"	60	104	9	40	30	0,56
G ⅜"	60	104	9	40	30	0,53
G ½"	60	104	12	50	30	0,652
G ¾"	80	130	12	58	35	1,086



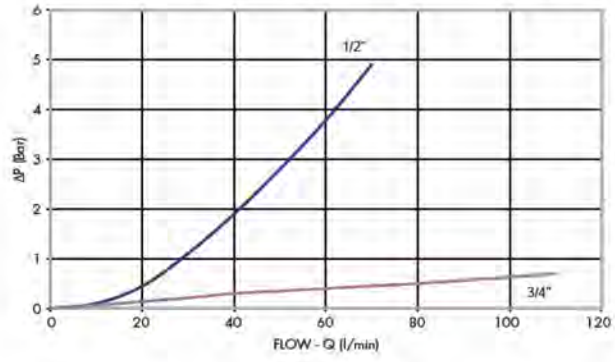
PERDITE DI CARICO

PRESSURE DROPS CURVE



Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt



VUBFR
VUMFR

Valvole di regolazione flusso unidirezionali a manicotto

Barrel flow control valves with check

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvole che permettono di regolare la velocità di un attuatore in una direzione e consentono il flusso libero nell'altra. Non essendo compensate alla pressione, la regolazione del fluido dipenderà dalla pressione e dalla viscosità dell'olio.

USE AND OPERATION:

This valve is used to adjust flow speed of actuators in one direction; flow is free in the reverse one. As pressure compensation is not provided, flow adjustment depends on pressure and oil viscosity.

MATERIALI E CARATTERISTICHE:

- Corpo e camicia: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: per accoppiamento. Trafilamento trascurabile a valvola chiusa

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seal: BUNA N standard*
- *Tightness: by diameter combination. Minor leakage with closed valve*

MONTAGGIO:

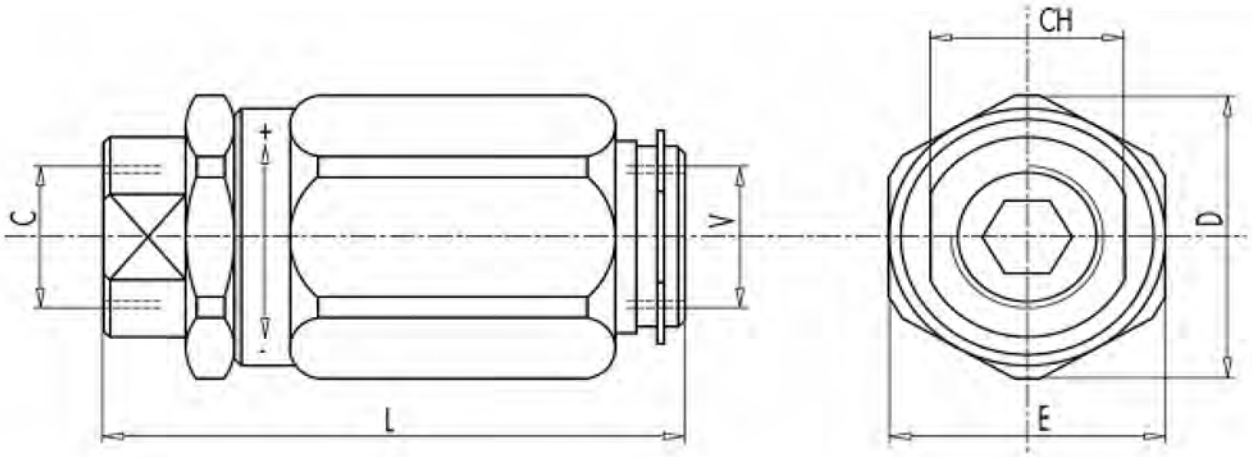
Collegare V all'alimentazione e C all'attuatore da regolare. Il flusso è regolato da C a V e libero nel senso opposto. In caso di impiego su attuatori con valvola di blocco, la VRF va montata tra attuatore e valvola di blocco.
La regolazione del flusso si effettua tramite la rotazione del manicotto esterno: ruotando in senso orario si aumenta il flusso e viceversa. Una volta regolata la portata, riportare la ghiera di fermo in posizione in modo da mantenere i valori impostati anche in presenza di vibrazioni.

APPLICATIONS:

Connect V to the pressure flow and C to the actuator to set. The flow is adjusted from C to V and free in the reverse direction. When used on actuator with double pilot check valve, VRF has to be mounted between the actuator and the double pilot check valve.
Flow adjustment is made by rotating the coupling: by clockwise rotation flow increases and vice versa. Once the flow has been set, lock the nut in order to keep the desired settings even in case of vibrations.

PORTATA MAX MAX FLOW Lt./min	PRESSIONE MAX MAX PRESSURE Bar	PRESSIONE APERTURA CRACKING PRESSURE Bar
20	300	0,5
45	300	0,5
70	300	0,5
110	250	0,5
160	250	0,5

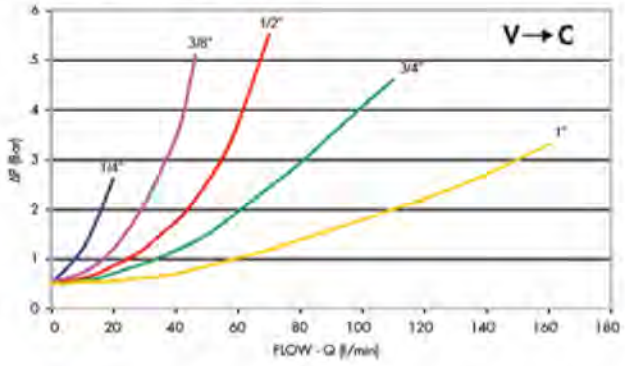
V - C GAS	Dimension L mm	E mm	CH mm	D mm	Peso Weig Kg
G ¼"	66,5	30	19	34	0,274
G ⅜"	73	32	24	36	0,33
G ½"	80	38	27	42	0,484
G ¾"	95	46	32	51	0,824
G 1"	109	55	41	60	1,314



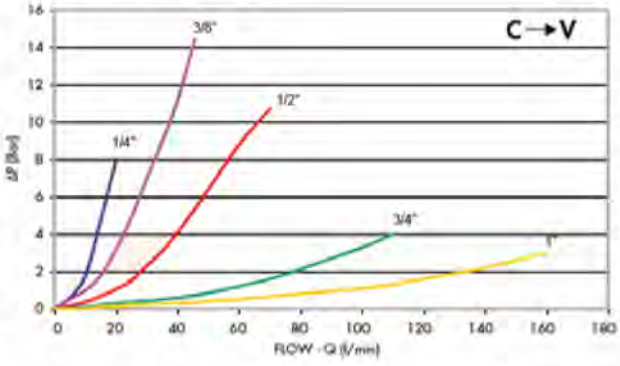
PERDITE DI CARICO
PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50°C - Oil viscosity: 30 cSt

STROZZATORE TUTTO CHIUSO
FULLY CLOSED THROTTLE



STROZZATORE TUTTO APERTO
FULLY OPENED THROTTLE



VU90FR Valvole di regolazione flusso unidirezionali a 90°

90° flow regulator valves

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvole che permettono di regolare la velocità di un attuatore in una direzione e consentono il flusso libero nell'altra. Non essendo compensate alla pressione, la regolazione del fluido dipenderà dalla pressione e dalla viscosità dell'olio. Sono caratterizzate da un'elevata sensibilità di regolazione.

USE AND OPERATION:

This valve is used to adjust flow speed of actuators in one direction; flow is free in the reverse one. As pressure compensation is not provided, flow adjustment depends on pressure and fluid viscosity. High adjustment sensitivity.

MATERIALI E CARATTERISTICHE:

- Corpo e camicia: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a spillo. Trafilamento nullo a valvola chiusa

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seal: BUNA N standard*
- *Tightness: needle type. Minor leakage with closed valve.*

MONTAGGIO:

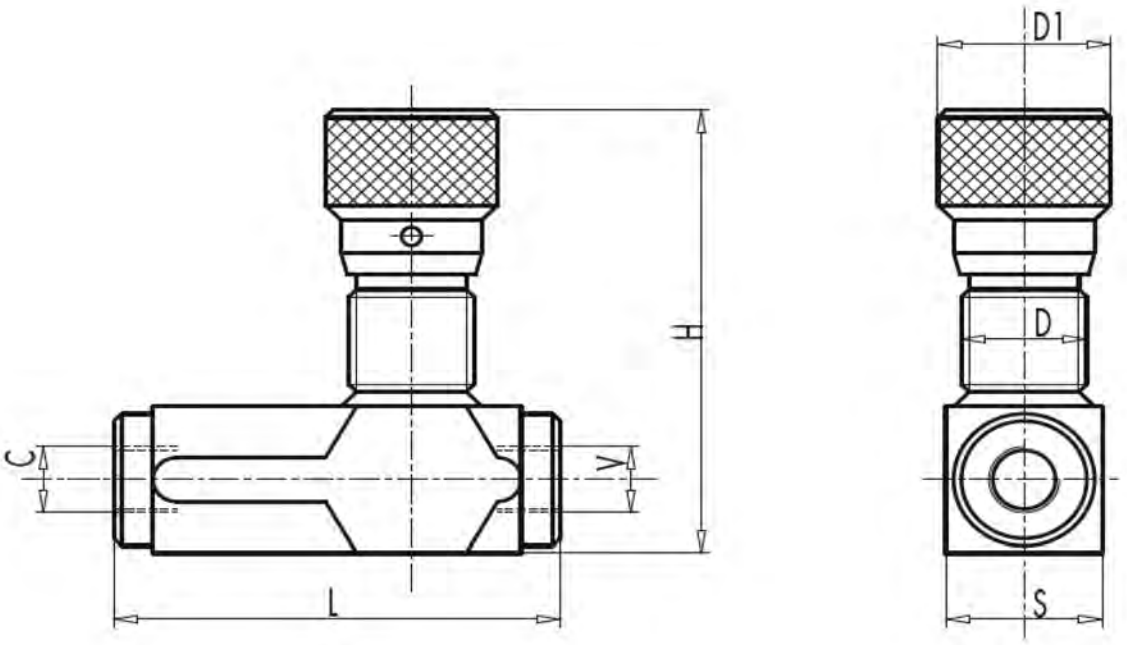
Collegare V all'alimentazione e C all'attuatore da regolare. Il flusso è regolato da C a V ed è libero nel senso opposto. In caso di impiego su attuatori con valvola di blocco, la VRFU 90° va montata tra attuatore e valvola di blocco.
La regolazione avviene mediante rotazione del pomolo in alluminio, previo allentamento del grano di fermo posto sul lato. Con questa particolare configurazione si può ottenere una regolazione precisa e sensibile.

APPLICATIONS:

Connect V to the pressure flow and C to the actuator to set; flow is adjust from C to V and is free in the reverse direction. When used on actuator with double pilot check valve, VRFU 90° has to be mounted between the actuator and the double pilot check valve.
Flow adjustment is made by rotating the aluminium hand knob after loosening the side locking screw. This particular configuration allows an accurate and sensitive adjustment.

PORTATA MAX. MAX FLOW Lt./min	PRESSIONE MAX. MAX PRESSURE Bar	PRESSIONE APERTURA CRACKING PRESSURE Bar
15	350	0,5
30	350	0,5
50	350	0,5
60	280	0,5

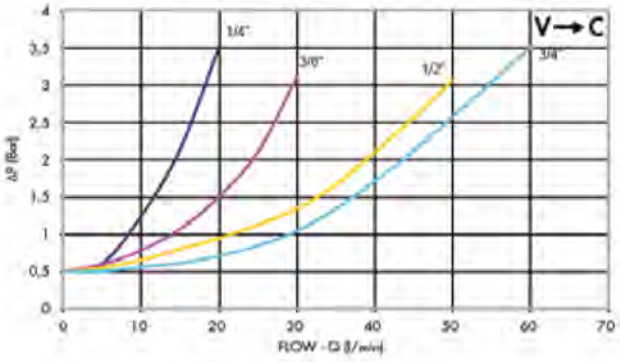
V - C GAS	Dimension D mm	L mm	D1 mm	H mm	S mm	Peso Weig Kg
G ¼"	M22x1,5	73	32	82	25	0,416
G ⅜"	M22x1,5	83	32	82	25	0,42
G ½"	M22x1,5	94	32	87	30	0,582
G ¾"	M35x1,5	118	42	108,5	40	1,36



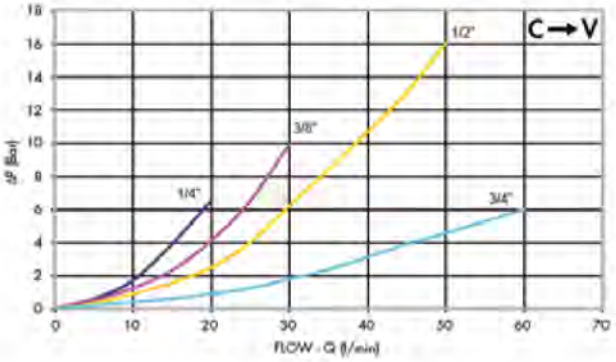
PERDITE DI CARICO
PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50°C - Oil viscosity: 30 cSt

STROZZATORE TUTTO CHIUSO
FULLY CLOSED THROTTLE

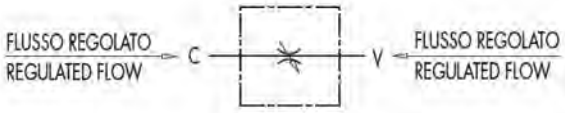


STROZZATORE TUTTO APERTO
FULLY OPENED THROTTLE



VB90FR Valvole di regolazione flusso bidirezionali a 90°

90° flow regulator valves



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvole che permettono di regolare la velocità di un attuatore in entrambe le direzioni. Non essendo compensate alla pressione, la regolazione del fluido dipenderà dalla pressione e dalla viscosità dell'olio. Sono caratterizzate da un'elevata sensibilità di regolazione.

USE AND OPERATION:

This valve is used to adjust flow speed of actuators in both directions. As pressure compensation is not provided, flow adjustment depends on pressure and fluid viscosity. High adjustment sensitivity.

MATERIALI E CARATTERISTICHE:

- Corpo: acciaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: a spillo. Trafilamento nullo a valvola chiusa

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seal: BUNA N standard*
- *Tightness: needle type. Minor leakage with closed valve.*

MONTAGGIO:

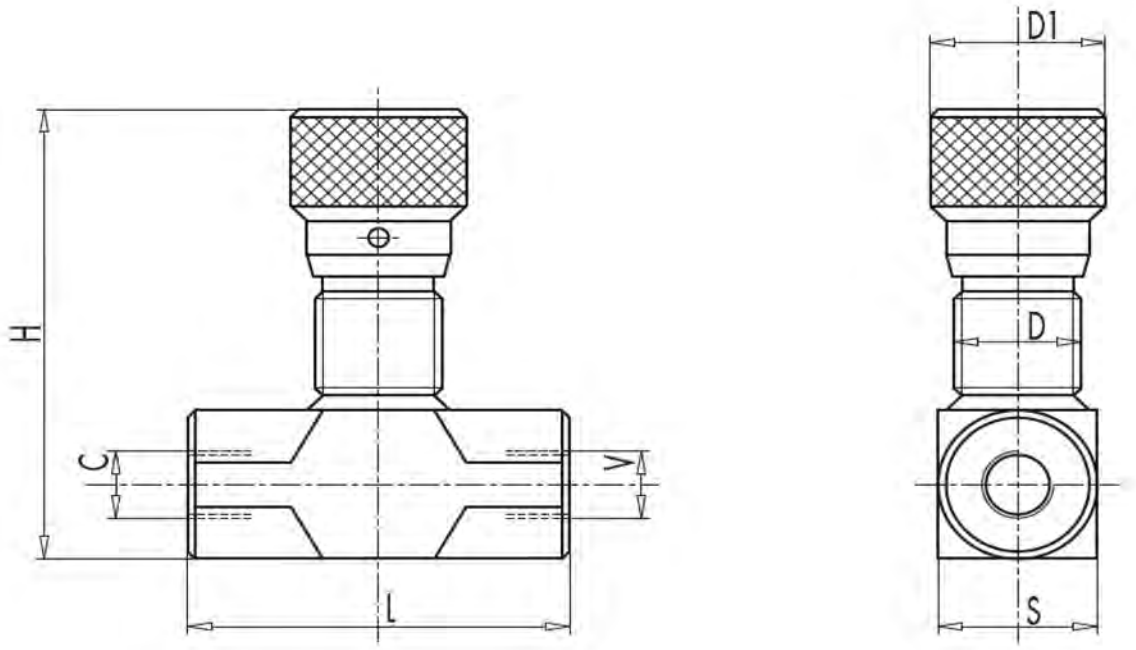
Collegare uno o l'altro attacco all'alimentazione. Il flusso sarà regolato sul restante attacco. La regolazione avviene mediante rotazione del pomolo in alluminio, previo allentamento del grano di fermo posto sul lato. Con questa particolare configurazione si può ottenere una regolazione precisa e sensibile.

APPLICATIONS:

Connect a port to the pressure. Flow will be adjusted in the other one. When used on actuator with double pilot check valve, VRFB 90° has to be mounted between the actuator and the double pilot check valve.
Flow adjustment is made by rotating the aluminium hand knob after loosening the side locking screw. This particular configuration allows an accurate and sensitive adjustment.

PORTATA MAX MAX FLOW Lt./min	PRESSIONE MAX MAX PRESSURE Bar
15	350
30	350
50	350
80	280

V - C GAS	Dimension L mm	D mm	D1 mm	H mm	S mm	Peso Weig Kg
G ¼"	60	M22x1,5	32	82	25	0,366
G ⅜"	61	M22x1,5	32	82	25	0,352
G ½"	70	M22x1,5	32	87	30	0,468
G ¾"	89	M35x1,5	42	108,5	40	1,1



PERDITE DI CARICO

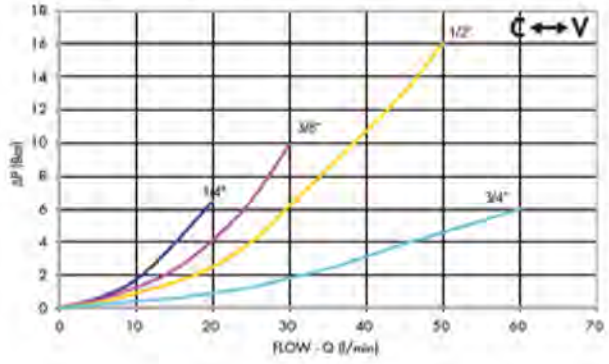
PRESSURE DROPS CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt

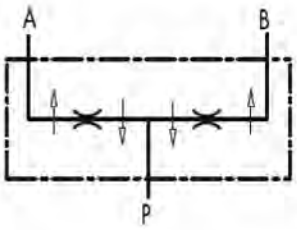
STROZZATORE TUTTO APERTO

FULLY OPENED THROTTLE



2WPFD Valvole equilibratrici a 2 vie

2 ways flow divider



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvole che consentono la divisione del fluido in ingresso in due parti uguali (50/50), mentre nella direzione opposta lo riunificano indipendentemente dalla variazione di pressione generata dagli attuatori e dalla loro portata. Vengono utilizzate quando due attuatori uguali, non accoppiati meccanicamente, alimentati dalla stessa pompa e regolati dallo stesso distributore, devono muoversi contemporaneamente in entrata e in uscita.

USE AND OPERATION:

These valves allows the division of inlet flow into two equals parts (50/50) and they unify it in the reverse direction indipendently of any pressure changes and flow. These valves are used when two equal actuators, that are not mechanically coupled, supplied by the same pump and controlled by a single distributor, must move simultaneously both at input and output.

MATERIALI E CARATTERISTICHE:

- Corpo: ghisa / acciaio
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard e Teflon
- Tenuta: per accoppiamento. Trafilamento trascurabile Tolleranza: < 2% sulla corsa. Eventuali differenze sono compensate a fine corsa del cilindro.

MATERIALS AND FEATURES:

- *Body: cast iron / steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard and Teflon*
- *Tightness: by diameter combination. Minor leakage Cylinder stroke error tolerance of 2%. Any synchronisation differences are compendated by the terminal position of the stroke.*

MONTAGGIO:

Collegare P all'alimentazione e A e B agli attuatori.

APPLICATIONS:

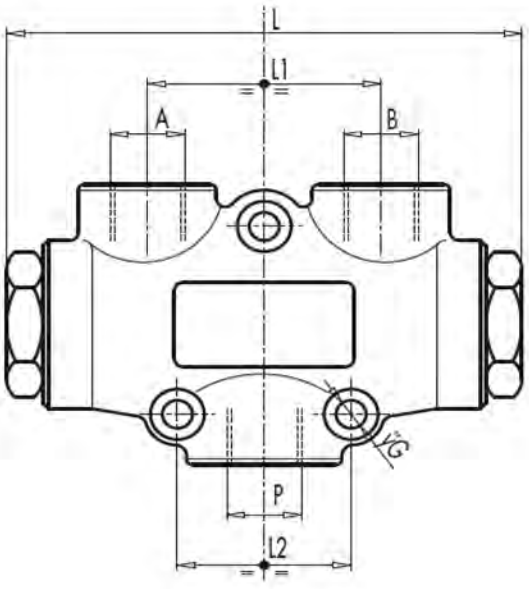
Connect P to pressure flow and A and B to the actuators.

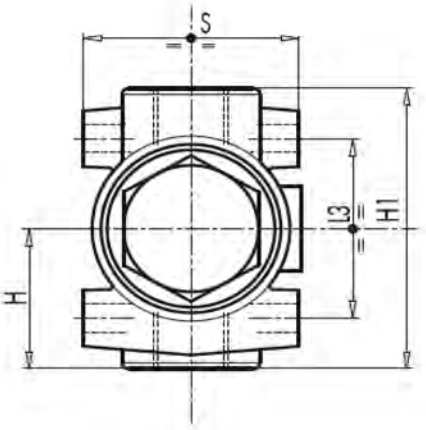
PORTATA MIN.* MIN. FLOW Lt /min	PORTATA MAX* MAX FLOW Lt /min	PRESS. ESERCIZIO WORKING PRESSURE Bar	PICCO DI PRESSIONE PEAK PRESSURE Bar
1	3	250	300
3	6	250	300
6	10	250	300
10	20	250	300
20	32	250	300
25	40	250	300
40	60	250	300
60	80	250	300

* - I valori di portata si riferiscono all'ingresso P

** - Capacity values refers to input P*

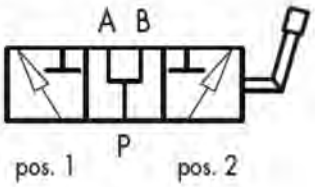
P GAS	A - B GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	ØG mm	H mm	H1 mm	S mm	Peso Weig Kg
G ⅜"	G ⅜"	117	53	40	45	7	35	68	48	1,27 1,27 1,28 1,27 1,28
G ½"	G ⅜"									1,28 1,26 1,26





W30DF Deviatori di flusso a 3 vie

3-ways diverter valves



SCHEMA IDRAULICO (con centro aperto)*

HYDRAULIC DIAGRAM (with opened centre)*

*** - A richiesta:** con centro chiuso

**** - On request:*** *with closed centre*

IMPIEGO:

Valvole utilizzate per deviare il flusso in ingresso verso due bocche d'uscita.

USE AND OPERATION:

3 ways diverter valves is used to divert the flow towards 2 different outlets.

MATERIALI E CARATTERISTICHE:

- Corpo: ghisa
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: cast iron*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Tightness: minor leakage*

MONTAGGIO:

Collegare P all'alimentazione e le bocche A e P ai rami del circuito idraulico a cui si vuole deviare il flusso. Con leva in pos. 1 si alimenta la bocca A, con leva in pos. 2 si alimenta la bocca B. Con leva in posizione centrale le bocche P, A e B sono tutte collegate (centro aperto).

APPLICATIONS:

Connect P to the pressure flow, A and P to the ports of the hydraulic circuit where flow has to be diverted. With lever in position 1 the flow is connected towards port A; with lever in position 2, the flow is connected towards port B. With lever in central position ports P, A and B are all connected (open centre).

A RICHIESTA:

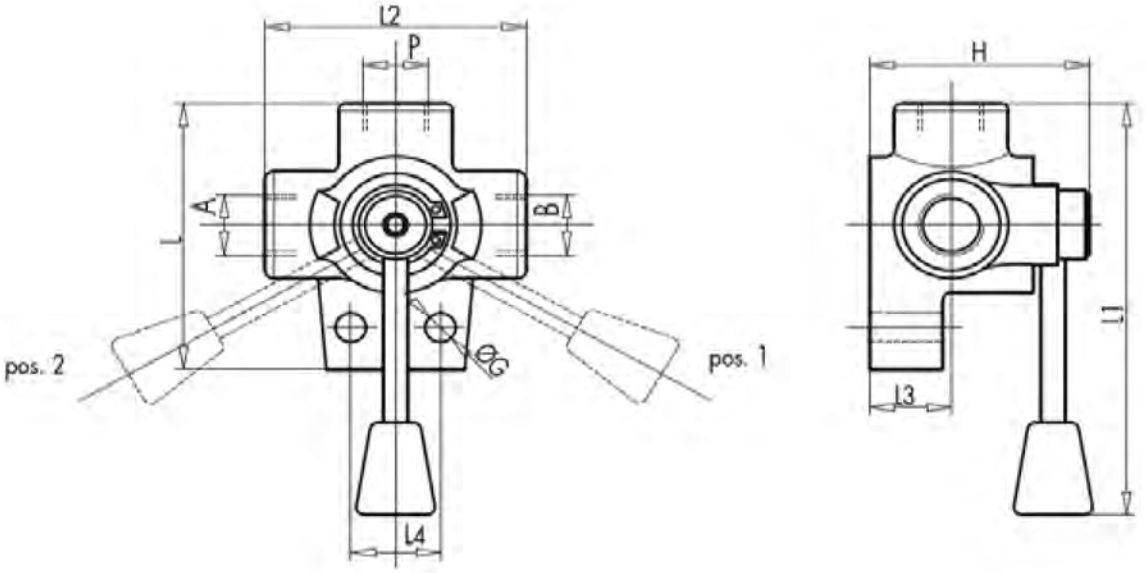
- Centro chiuso (CODICE-CC)
- Alta pressione - fino a 400 Bar (CODICE-AP)

ON REQUEST:

- *Closed centre (CODE-CC)*
- *High pressure - up to 400 Bar (CODE-AP)*

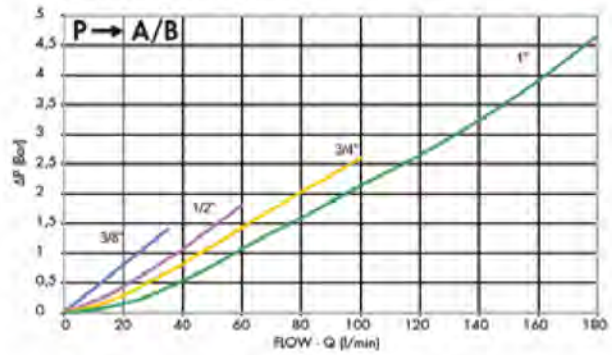
PORTATA MAX MAX FLOW Lt /min	PRESSIONE MAX MAX PRESSURE Bar
35	250
60	250
100	250
180	250

A – B P GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	ØG mm	H mm	Peso Weig Kg
G ⅜"	76	140	68	25	26	8,5	67	0,914
G ½"	87	145	80	28	32	8,5	70	1,392
G ¾"	103	150	94	30	32	11	78	2,03
G 1"	105	152	98	30	32	11	82	2,144



PERDITE DI CARICO

PRESSURE DROPS CURVE

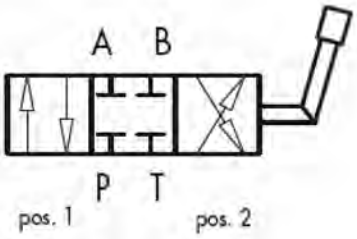


Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt

W40DF Deviatori di flusso a 4 vie

4-ways diverter valves



SCHEMA IDRAULICO (con centro chiuso)*
HYDRAULIC DIAGRAM (with closed centre)*
* - **A richiesta:** con centro aperto
* - ***On request:*** *with opened centre*

IMPIEGO:

Valvole utilizzate per invertire il flusso dell'olio da due ingressi a due uscite. Possono essere impiegati per azionare attuatori a doppio effetto o per invertire la rotazione di un motore idraulico.

USE AND OPERATION:

This valve is used to reverse oil flow from 2 ways in towards two ways out. It could be used to control a double acting actuators or to reverse the rotation of an hydraulic motor.

MATERIALI E CARATTERISTICHE:

- Corpo: ghisa
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: cast iron*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Tightness: low leakage*

MONTAGGIO:

Collegare P all'alimentazione, T al serbatoio e le bocche A e B all'attuatore o al motore. Con leva in pos. 1, P alimenta A e contemporaneamente B va allo scarico T; con leva in pos. 2, P alimenta B e contemporaneamente A va allo scarico T. Con leva in posizione centrale tutte le bocche sono chiuse (centro chiuso).

APPLICATIONS:

Connect P to the pressure flow, T to the tank and ports A and B to the actuators or motor. With lever in position 1, P is connected to A and at the same time B drains into the tank T; with lever in position 2, P is connected to B and at the same time A drains into tank T. With lever in central position all ports are closed (closed centre).

A RICHIESTA:

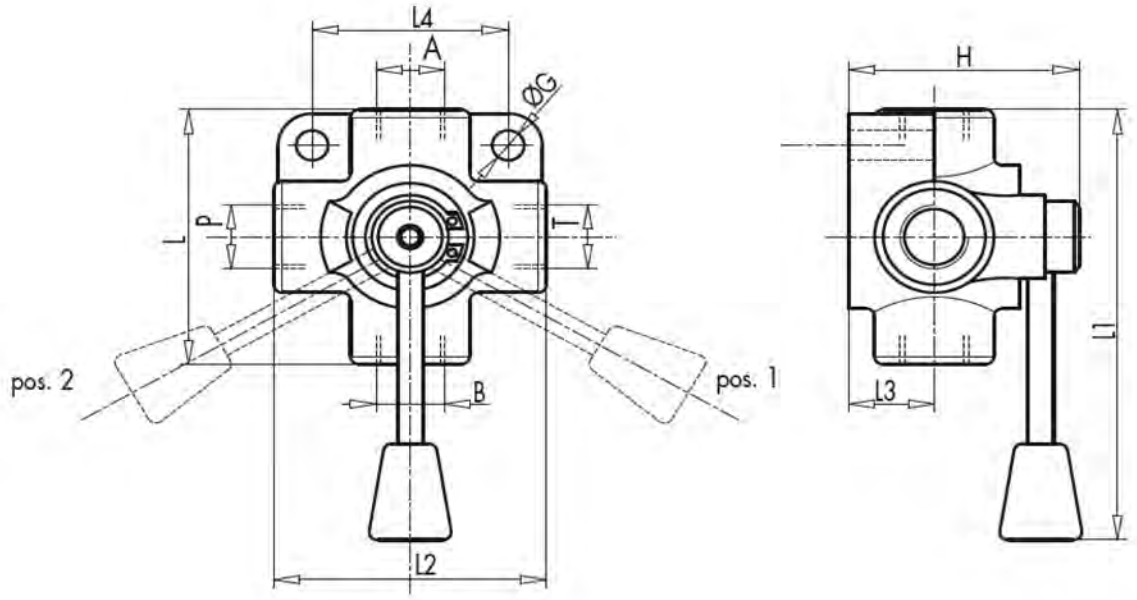
- Centro aperto (CODICE-CA)
- Alta pressione - fino a 400 Bar (CODICE-AP)

ON REQUEST:

- *Open centre (CODE-CA).*
- *High pressure - up to 400 Bar (CODE-AP)*

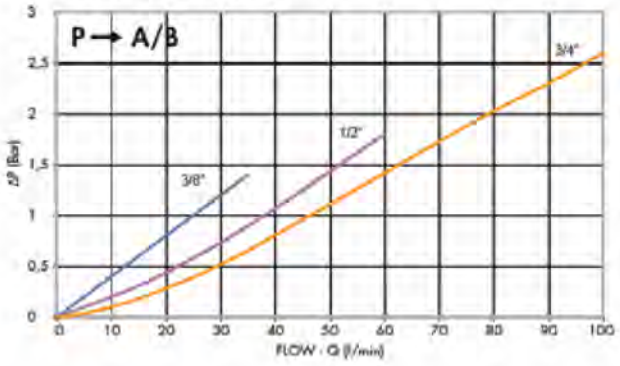
PORTATA MAX MAX FLOW Lt /min	PRESSIONE MAX MAX PRESSURE Bar
35	250
60	250
100	250

A – B P – T GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	ØG mm	H mm	Peso Weig Kg
G ⅜"	76	140	76	26	54	8,5	72	1,346
G ½"	88	145	88	30	65	8,5	82	1,928
G ¾"	95	180	95	32	74	8,5	90	2,534



PERDITE DI CARICO

PRESSURE DROPS CURVE

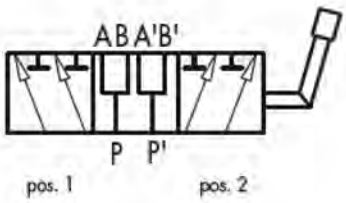


Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt

W60DF Deviatori di flusso a 6 vie

6-ways diverter valves



SCHEMA IDRAULICO (con centro aperto)*

HYDRAULIC DIAGRAM (with opened centre)*

*** - A richiesta:** con centro chiuso

**** - On request:*** *with closed centre*

IMPIEGO:

Valvole formate da due deviatori a 3 vie accoppiati: ognuna delle due sezioni ha la funzione di deviare il flusso da una sola alimentazione a due uscite. Tramite un'unica leva si azionano contemporaneamente le due sezioni. Possono essere utilizzati per azionare due attuatori.

USE AND OPERATION:

This valve is made up by two 3-ways diverters coupled: each of the 2 parts is used to divert the inlet flow towards two ports. The single lever controls both the parts at the same time. It's ideal to control 2 actuators.

MATERIALI E CARATTERISTICHE:

- Corpo: ghisa
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: cast iron*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Tightness: minor leakage*

MONTAGGIO:

Collegare P e P' alle due alimentazioni, le bocche A e B al primo attuatore e le bocche A' e B' al secondo attuatore. Con leva in pos. 1 P alimenta A e P' alimenta A', con leva in pos. 2 P alimenta B e P' alimenta B'. Con leva in posizione centrale le bocche di ogni sezione sono tra loro collegate (centro aperto).

APPLICATIONS:

Connect P and P' to the 2 pressure flows, ports A and B to the first actuator and ports A' and B' to the second actuator. With lever in position 1, P is connected to A and P' to A'; with lever in position 2, P is connected to B and P' to B'. With lever in central position all ports are connected among each other (opened centre).

A RICHIESTA:

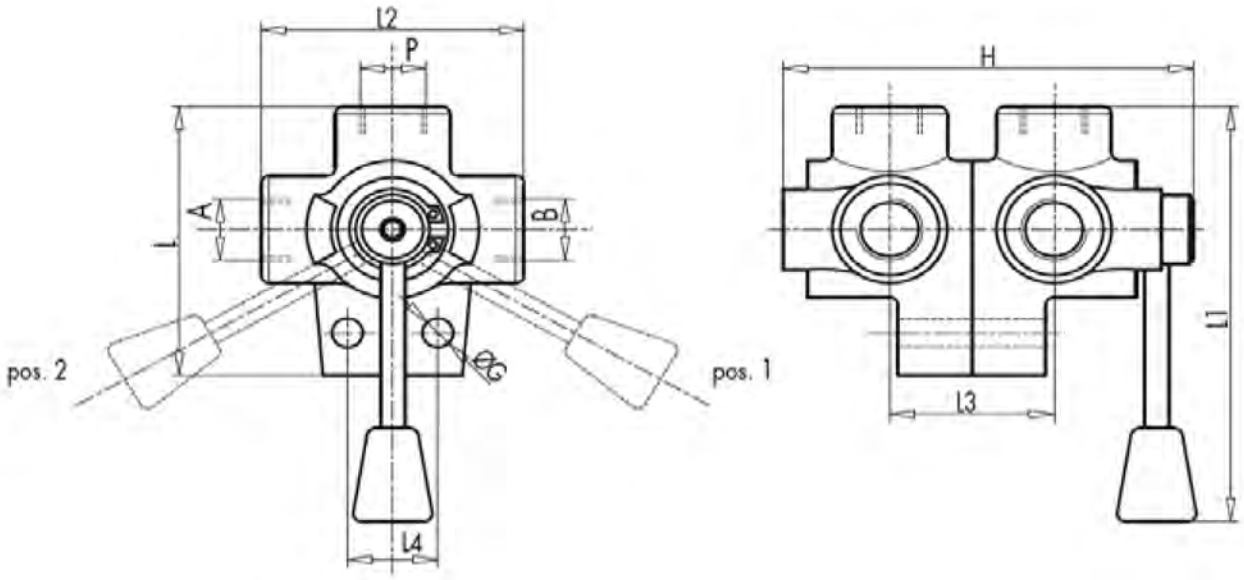
- Centro chiuso (CODICE-CC)
- Alta pressione - fino a 400 Bar (CODICE-AP)

ON REQUEST:

- *Closed centre (CODE-CC)*
- *High pressure - up to 400 Bar (CODE-AP)*

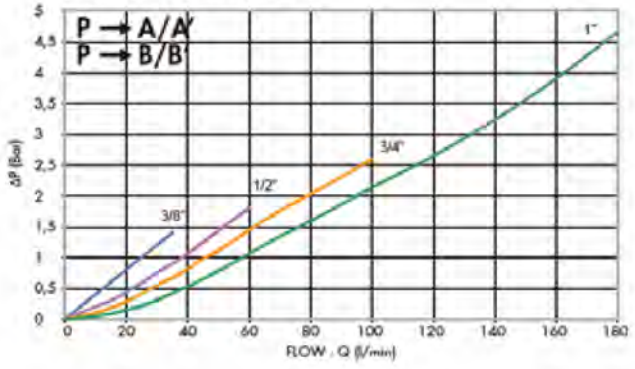
PORTATA MAX MAX FLOW Lt /min	PRESSIONE MAX MAX PRESSURE Bar
35	250
60	250
100	250
180	250

A – B P GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	ØG mm	H mm	Peso Weig Kg
G ⅜"	76	140	68	45	26	8,5	117	1,688
G ½"	87	145	80	51	32	8,5	125	2,628
G ¾"	103	150	94	55	32	11	140	4,634
G 1"	105	152	98	60	32	11	155	4,238



PERDITE DI CARICO

PRESSURE DROPS CURVE

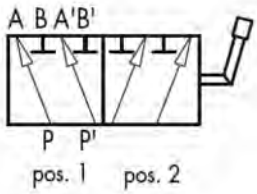


Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt

W60SB Deviatori di flusso a 6 vie in acciaio

6-ways diverter valves, steel body



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

IMPIEGO:

Valvole utilizzate per deviare il flusso da due entrate a 4 uscite (2 per volta alternativamente). Possono essere utilizzati per alimentare due attuatori.

USE AND OPERATION:

This valve is used to divert the flow from 2 ways in towards 4 ports (two at time alternatively). It's ideal to control 2 actuators.

MATERIALI E CARATTERISTICHE:

- Corpo: accaio zincato
- Componenti interni: acciaio temprato termicamente e rettificato
- Guarnizioni: BUNA N standard
- Tenuta: trafilamento trascurabile

MATERIALS AND FEATURES:

- *Body: zinc-plated steel*
- *Internal parts: hardened and ground steel*
- *Seals: BUNA N standard*
- *Tightness: minor leakage*

MONTAGGIO:

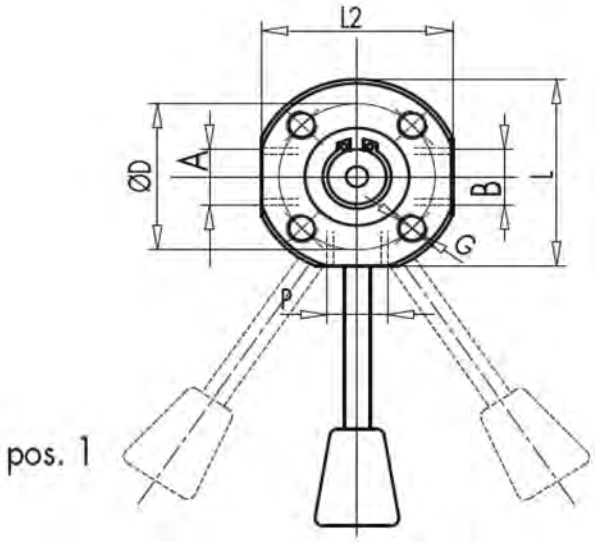
Collegare P e P' alle due alimentazioni, le bocche A e B al primo attuatore e le bocche A' e B' al secondo attuatore. Con leva in pos. 1 P alimenta A e P' alimenta A', con leva in pos. 2 P alimenta B e P' alimenta B'. È sconsigliato l'uso del deviatore con leva in posizione centrale.

APPLICATIONS:

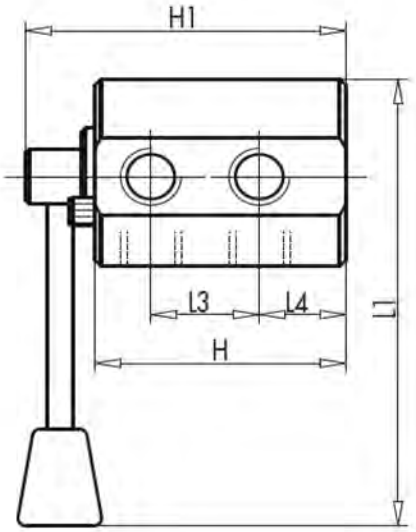
Connect P and P' to the 2 pressure flows, ports A and B to the first actuator and ports A' and B' to the second actuator. With lever in position 1, P is connected to A and P' to A'; with lever in position 2, P is connected to B and P' to B'. Use with lever in central position is not recommended.

PORTATA MAX MAX FLOW Lt./min	PRESSIONE MAX MAX PRESSURE Bar
40	300
60	300

A – B P GAS	Dimension L mm	L1 mm	L2 mm	L3 mm	L4 mm	ØD mm	H mm	H1 mm	G mm	Peso Weig Kg
G ⅜"	60	140	58	32	25	47	74	96	M8	1,54
G ½"	69	145	66	37	27	47	83	105	M8	2,294



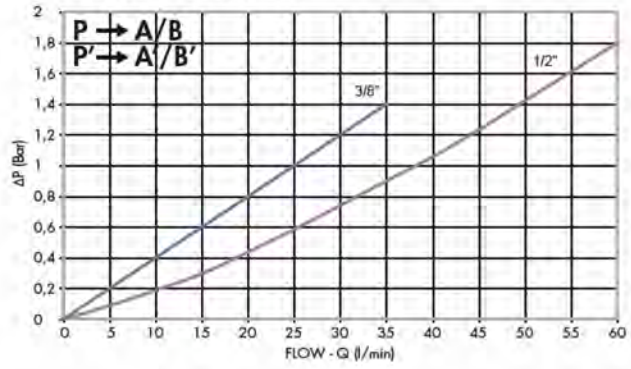
pos. 1



pos. 2

PERDITE DI CARICO

PRESSURE DROPS CURVE



Temperatura olio: 50°C - Viscosità olio: 30 cSt

Oil temperature: 50°C - Oil viscosity: 30 cSt