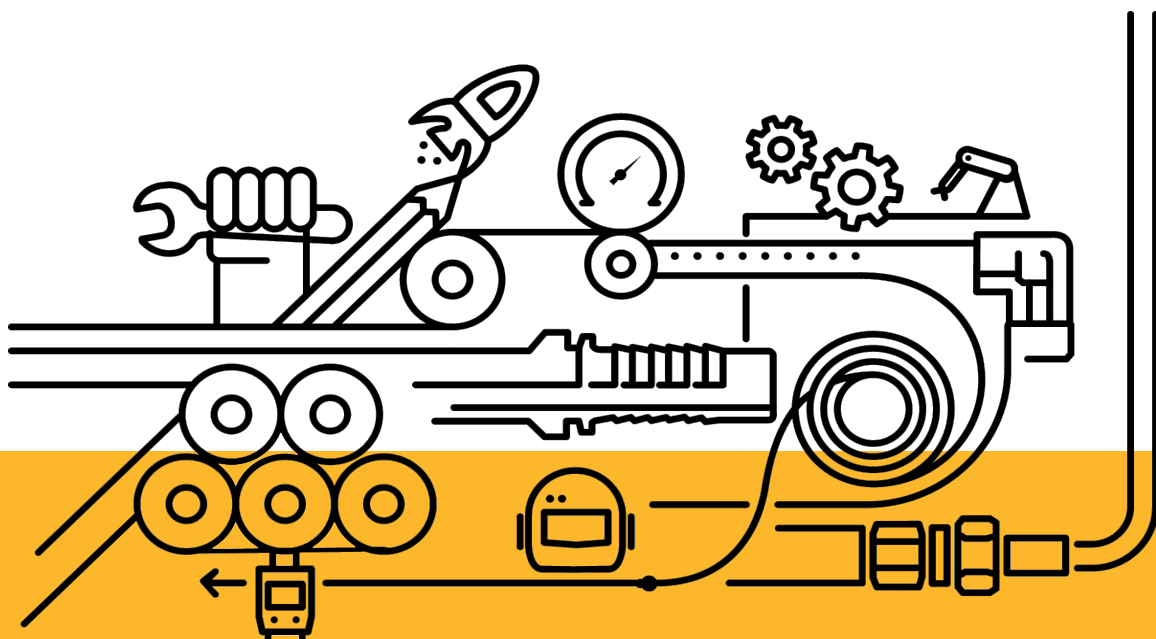




Vitillo

Hydraulic Components



Hoses



Press fittings ISO 12151 SAE J516



BSP adaptors BS 5200



JIC adaptors SAE J514



DIN 24° adaptors DIN 2353



ORFS adaptors ORFS J1453



Complete product range

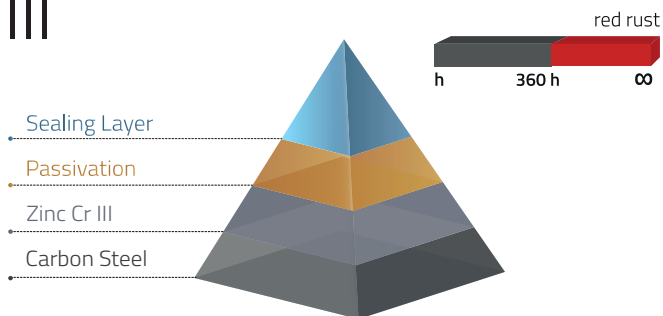
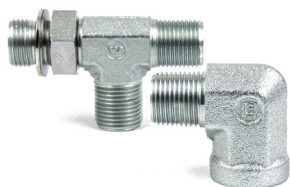
Vitillo is your solution for any hydraulic applications. Spiral and braided hoses with metal and textile reinforcement, standard and interlock press fittings, BSP, JIC, DIN and ORFS adaptors, customized special fittings.

All our fittings and adaptors are available in Zinc chromium III plating, Zinc-nichel plating and Stainless steel.

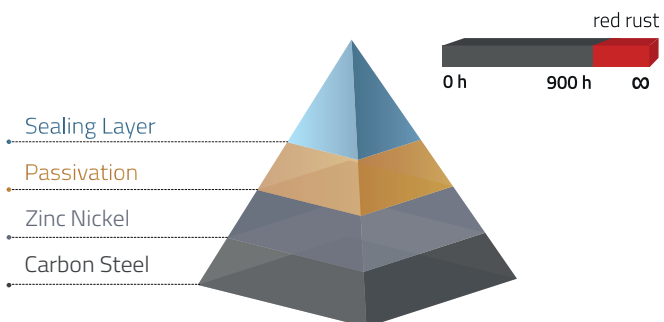
Whatever the customer's needs, Vitillo has the answer.

Alternative Versions

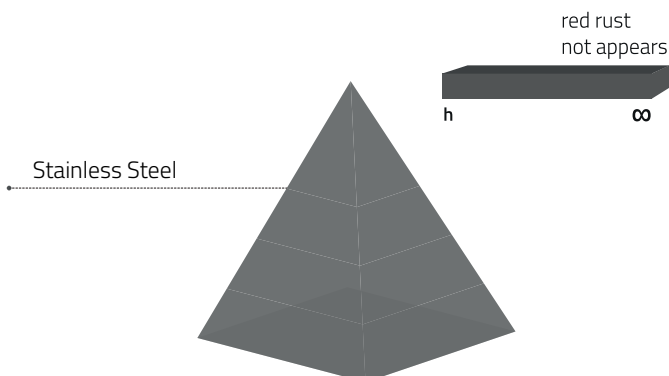
Zinc Chromium III



Zinc Nickel



Stainless Steel





Applications



High performances in very extreme conditions



Certifications



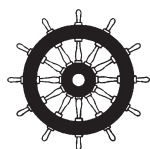
▼
MINE SAFETY AND HEALTH
ADMINISTRATION
(MSHA)



▼
DET NORSKE VERITAS (DNV)
GERMANISCHER LLOYD (GL)



▼
RINA (Registro Navale Italiano)



▼
MarED



▼
GOST-R



AC 149



HAMILTON

▼
J.S. Hamilton Poland Sp. z.o.o. –
Jednostka Certyfikująca



▼
UNI EN 45545-2

Visual index

Ferrules for Standard Fittings

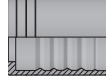
B12T.N
FERRULE
FOR 1SN/2SN/2SC
(no skive) / Pg. 20



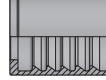
B15C
FERRULE
FOR 15C/15N/25C
(no skive) / Pg. 21



B1K
FERRULE
FOR 15C-R17-R7-R6
(no skive) / Pg. 22



B1T
FERRULE
FOR 15N/R1AT
(no skive) / Pg. 23



B2T
FERRULE
FOR 25N/R2AT
(no skive) / Pg. 24



B1R
FERRULE
FOR 1ST/R2A
(skive) / Pg. 25



B2R
FERRULE
FOR 2ST/R2A
(skive) / Pg. 26



B3R
FERRULE
FOR R3-R4
(no skive) / Pg. 27



B9R
FERRULE
FOR 4SP
(skive) / Pg. 28



B4SH
FERRULE
FOR 4SH
(skive) / Pg. 29



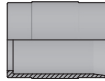
B7R
FERRULE
FOR R7
(no skive) / Pg. 30



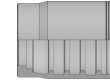
BPTFE
FERRULE
FOR BPTFE
/ Pg. 31



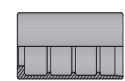
BPTFEC
FERRULE
FOR CORRUGATED
BPTFE / Pg. 32



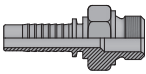
B5K
FERRULE FOR
4SP/4SH/R12/EL.4000/
EL.5000 (no skive) / Pg. 33



B6R
FERRULE FO...
1TE/R6
(no skive) / Pg. 34



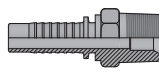
MG
BSPP MALE 60° CONE
/ Pg. 35



M90G SW
BSPP SWIVEL MALE 90°
ELBOW (compact forged)
/Pg 37



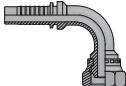
MGK
BSPT TAPERED MALE
/ Pg. 38



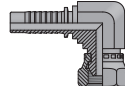
FDG
BSPP FEMALE 60°
CONE / Pg. 39



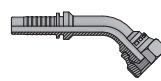
F90G
BSPP FEMALE SWIVEL
90° ELBOW / Pg. 41



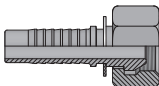
F90G K
BSPP FEMALE 90°
ELBOW (compact forged)
/ Pg. 43



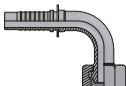
F45G
BSPP FEMALE SWIVEL
45° ELBOW / Pg. 44



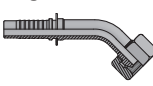
FDG SF
BSPP FEMALE
(slip-on nut) /Pg. 46



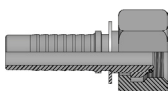
F90G SF
BSPP FEMALE 90° EL-
BOW (slip-on nut)
/ Pg. 47



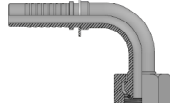
F45G SF
BSPP FEMALE 45°
ELBOW (slip-on nut)
/ Pg. 48



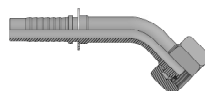
FDG SF - OR
BSPP FEMALE
(O Ring - slip-on nut) /
Pg. 49



F90G SF - OR
BSPP FEMALE 90° EL-
BOW (O Ring - slip-on
nut) / Pg. 50

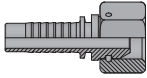
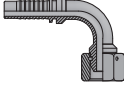
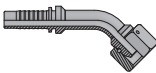
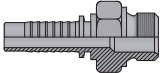
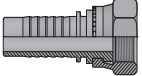
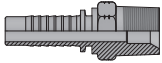
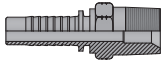
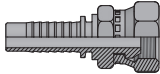
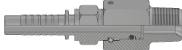
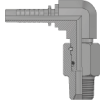
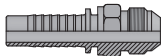
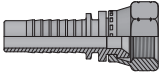
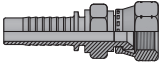
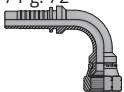
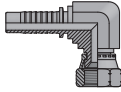

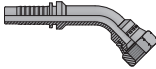
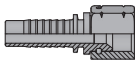
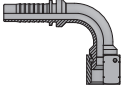
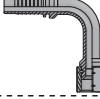
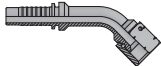
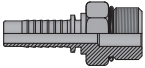

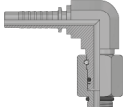


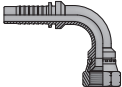
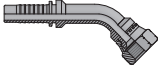


F45G SF - OR
BSPP FEMALE 45°
ELBOW (O Ring - slip-on
nut) / Pg. 51



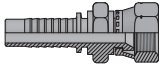
BSP - BSPT

Visual index

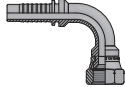
BSP - BSPT	FDG SP BSPP FEMALE (thrust-wire nut) / Pg. 52 	F90G SP BSPP FEMALE 90° ELBOW (thrust-wire nut) / Pg. 54 	F45G SP BSPP FEMALE 45° ELBOW (thrust-wire nut) Pg. 56 	MGSP BSPP MALE (flat seat) / Pg. 58 	FGSP BSPP FEMALE (flat seat) / Pg. 59 	
	NPT	MNPT NPTF MALE / Pg. 60 	MNPT LN NPTF MALE (long nose) / Pg. 62 	FNPSM NPSM FEMALE / Pg. 63 	MNPT SW NPTF SWIVEL MALE / Pg. 64 	
		M90NPTF SW NPTF SWIVEL MALE 90° ELBOW / Pg. 65 	MJ JIC 37° MALE / Pg. 66 	FDJ JIC 37° FEMALE / Pg. 68 	FDJ GIR JIC 37° FEMALE SWIVEL (double hex) / Pg.70 	F90J JIC 37° FEMALE SWIVEL 90° / Pg. 72 
		F90J K JIC 37° FEMALE 90° ELBOW (compact forged) / Pg. 74 	F90J LD JIC 37° FEMALE SWIVEL 90° (long drop) / Pg. 75 	F45J JIC 37° FEMALE SWIVEL 45° / Pg. 76 		
		JIC 37°	FDJ SP JIC 37° FEMALE (thrust-wire nut) / Pg. 78 	F90J SP JIC 37° FEMALE SWIVEL 90° (thrust-wirenut) / Pg. 80 	F90J SPLD JIC 37° FEMALE SWIVEL 90° (thrust-wire nut long drop) / Pg. 82 	F45J SP JIC 37° FEMALE SWIVEL 45° (thrust-wirenut) / Pg. 83 
MOB O-RING BOSS MALE / Pg. 85 			MOB SW O-RING BOSS MALE SWIVEL / Pg. 86 	MOB90 SW O-RING BOSS SWIVEL MALE 90° ELBOW / Pg. 87 		
SAE	MJ..SV45 SAE 45° MALE / Pg. 88 		FDJ..GIR45 SAE 45° FEMALE SWIVEL (double hexagon) / Pg.89 	F90J..SV45 SAE 45° FEMALE 90° ELBOW / Pg. 90 	F45J..SV45 SAE 45° FEMALE 45° ELBOW / Pg. 91 	

Visual index

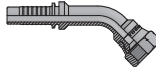
FDK
KOMATSU STYLE
FEMALE SWIVEL
(cone 60°) / Pg. 92



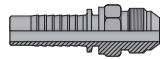
F90K
KOMATSU STYLE
FEMALE SWIVEL 90°
ELBOW / Pg. 93



F45K
KOMATSU STYLE
FEMALE SWIVEL 45°
ELBOW / Pg. 94



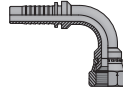
MDT
TOYOTA STYLE MALE
SWIVEL
(cone 60°) / Pg. 95



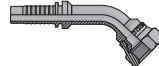
FDT
TOYOTA STYLE FEMALE
SWIVEL
(cone 60°) / Pg. 96



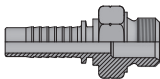
F90T
TOYOTA STYLE FEMALE
SWIVEL 90° ELBOW
/ Pg. 97



F45T
TOYOTA STYLE FEMALE
SWIVEL 45° ELBOW
/ Pg. 98



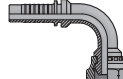
MM
METRIC MALE 60° CONE
/Pg. 99



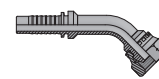
FDM
METRIC FEMALE
60° CONE
/ Pg. 101



F90M
METRIC° FEMALE
SWIVEL 90° ELBOW
/ Pg. 103



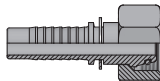
F45M
METRIC FEMALE
SWIVEL 45° ELBOW
/ Pg. 105



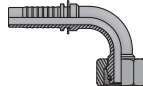
ME L
METRIC MALE 24°
CONE L TYPE / Pg. 107



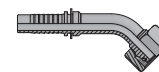
FE L
METRIC FEMALE 24°
CONE L TYPE / Pg. 109



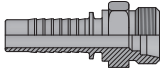
F90E L
METRIC FEMALE
24° CONE 90° ELBOW L
TYPE / Pg. 111



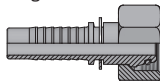
F45E L
METRIC FEMALE
24° CONE 45° ELBOW
L TYPE / Pg. 113



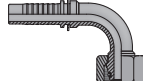
ME S
METRIC MALE
24° CONE -S TYPE
/ Pg. 115



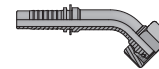
FE S
METRIC FEMALE
24° CONE -S TYPE
/ Pg. 117



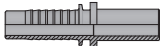
F90E S
METRIC FEMALE
24° CONE 90° ELBOW
S TYPE / Pg. 119



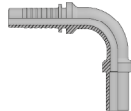
F45E S
METRIC FEMALE
24° CONE 45° ELBOW
S TYPE / Pg. 121



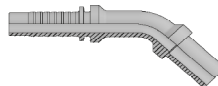
PDL
STANDPIPE
/ Pg. 123



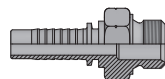
P90L
STANDPIPE 90° ELBOW
/ Pg. 125



P45L
STANDPIPE 40° ELBOW
/ Pg. 126



MAV
METRIC MALE FOR
AGRICULTURE VALVES
/Pg. 127



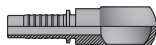
JIS

METRIC/DIN

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BANJO

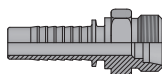
OG
BSP BANJO
/ Pg. 128



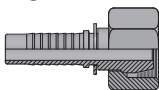
OM
METRIC BANJO
/ Pg. 130



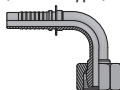
ME F
METRIC MALE 24° CONE
(french type) / Pg. 132



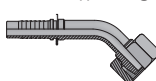
FE F
METRIC FEMALE
24° CONE (french type)
/ Pg. 133



F90E F
METRIC FEMALE
24° CONE 90°
(french type) / Pg. 134

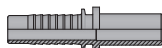


F45E F
METRIC FEMALE
24° CONE 45°
(french type) / Pg. 135

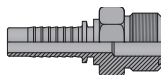


METRIC FRENCH

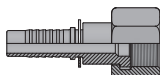
PDL F
STANDPIPE FRENCH
TYPE / Pg. 136



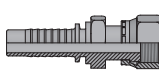
MORFS
ORFS MALE
/ Pg. 137



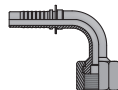
FORFS
ORFS FEMALE
/ Pg. 138



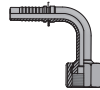
FORFS GIR
ORFS FEMALE
(doble exagon) / Pg. 139



F90ORFS
ORFS FEMALE SWIVEL
90° ELBOW / Pg. 140

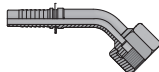


F90ORFS LD
ORFS FEMALE
SWIVEL 90° ELBOW
(long drop) / Pg. 141

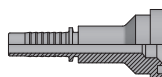


ORFS

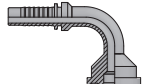
F45ORFS
ORFS FEMALE SWIVEL
45° ELBOW / Pg. 142



FDL
FLANGE CODE 61 3000
PSI / Pg. 143



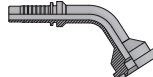
F90L
FLANGE CODE 61
90° ELBOW 3000 PSI
/ Pg. 144



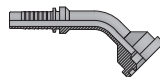
F90L LD
FLANGE CODE 61
90° ELBOW 3000 PSI LD
/ Pg. 145



F60L
FLANGE CODE 61
60° ELBOW 3000 PSI
/ Pg. 146

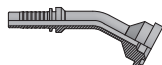


F45L
FLANGE CODE 61
45° ELBOW 3000
PSI / Pg. 147

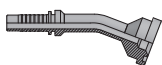


FLANGES

F30L
FLANGE CODE 61
30° ELBOW 3000 PSI
/ Pg. 148



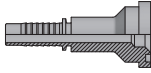
F22.5L
FLANGE CODE 61
22.5° ELBOW 3000 PSI
/ Pg. 149



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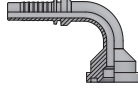
FDP

FLANGE CODE 62
6000 PSI
/ Pg. 150



F90P

FLANGE CODE 62
90° ELBOW 6000 PSI
/ Pg. 151



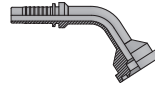
F90P LD

FLANGE CODE 62
90° ELBOW 6000 PSI LD
/ Pg. 152



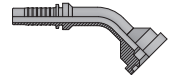
F60P

FLANGE CODE 62
60° ELBOW 6000 PSI
/ Pg. 153



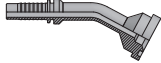
F45P

FLANGE CODE 62
45° ELBOW 6000
PSI / Pg. 154



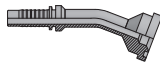
F30P

FLANGE CODE 62
30° ELBOW 6000 PSI
/ Pg. 155



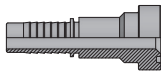
F22.5P

FLANGE CODE 62
22.5° ELBOW 6000 PSI
/ Pg. 156



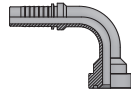
FDS

SUPERCAT FLANGE
/ Pg. 157



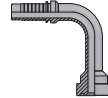
F90S

SUPERCAT FLANGE 90°
/ Pg. 158



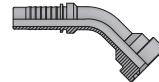
F90S LD

SUPERCAT FLANGE
90° / Pg. 159



F45S

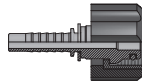
SUPERCAT FLANGE
45° / Pg. 160



FLANGES

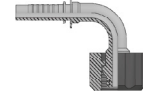
FDW T

WATERJET CLEANER
FEMALE FK TYPE
/ Pg. 161



F90W T

WATERJET CLEANER
FEMALE 90° ELBOW FK
TYPE / Pg. 162



FW D

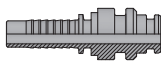
PISTOL WASH CLEANER
JUNCTION / Pg. 163



High-Pressure Cleaning

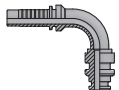
MINE

STAPLE-LOCK MALE
/ Pg. 164



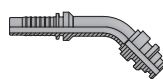
MINE 90

STAPLE-LOCK MALE
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MINE 45

STAPLE-LOCK MALE
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STAPLE-LOCK

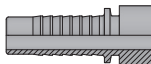
GD

DOUBLE CONNECTOR
/ Pg. 167



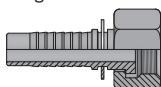
CS

BRAZING TAIL
/ Pg. 168



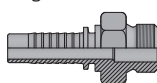
FW

WHITWORTH CO2
FEMALE
/ Pg. 169



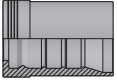

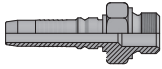
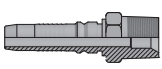
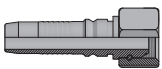
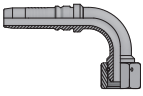
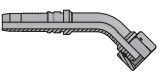
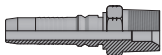
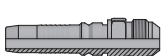
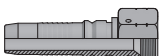
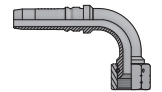
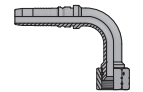
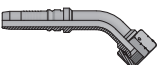
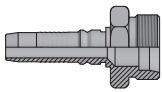
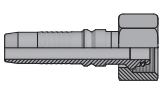
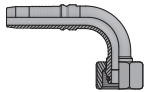
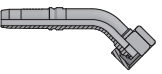
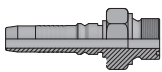
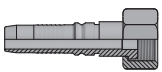
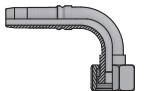
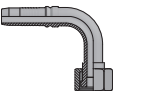
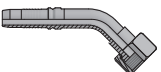
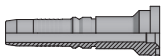
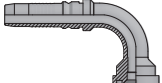
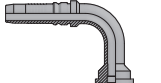
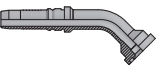
MW

WHITWORTH CO2
MALE
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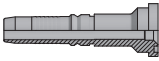
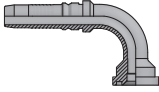
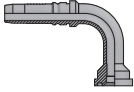
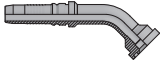
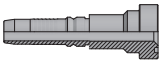
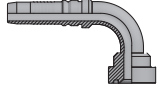
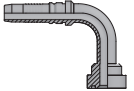
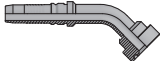
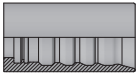
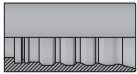
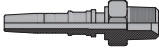
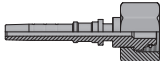


OTHERS

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Interlock NPT	KMPTF INTERLOCK MNPTF MALE / Pg. 180 				
Interlock JIC 37°	KMJ INTERLOCK JIC MALE / Pg. 181 	KFDJ INTERLOCK JIC FEMALE / Pg. 182 	KF90J INTERLOCK JIC FEMALE 90° ELBOW / Pg. 183 	KF90J LD INTERLOCK JIC FEMALE 90° ELBOW (LONG DROP) / Pg. 184 	KF45J INTERLOCK JIC FEMALE 45° ELBOW / Pg. 185 
Interlock DIN	KME S INTERLOCK METRIC MALE 24° CONE-S TYPE / Pg. 186 	KFE S INTERLOCK METRIC FEMALE 24° CONE-S TYPE / Pg. 187 	KF90E S INTERLOCK METRIC FEMALE 24° CONE-S TYPE - 90° / Pg. 188 	KF45E S INTERLOCK METRIC FEMALE 24° CONE-S TYPE - 45° / Pg. 189 	
Interlock ORFS	KMORFS INTERLOCK ORFS MALE / Pg. 190 	KFORFS INTERLOCK ORFS FEMALE / Pg. 191 	KF90ORFS INTERLOCK ORFS FEMALE 90° ELBOW / Pg. 192 	KF90ORFSLD INTERLOCK ORFS FE- MALE 90° ELBOW / Pg.193 	KF45ORFS INTERLOCK ORFS FEMALE 45° ELBOW / Pg.194 
Interlock Flanges	KFDL INTERLOCK FLANGE CODE 61 3000 PSI / Pg. 195 	KF90L INTERLOCK FLANGE CODE 61 90° ELBOW 3000 PSI / Pg. 196 	KF90L LD INTERLOCK FLANGE C. 6190° ELBOW 3000 PSI LD / Pg. 197 	KF45L INTERLOCK FLANGE CODE 61 45° ELBOW 3000 PSI / Pg. 198 	

Visual index

	<p>KFDP INTERLOCK FLANGE CODE 62 6000 PSI / Pg. 199</p> 	<p>KF90P INTERLOCK FLANGE CODE 62 90° ELBOW 6000 PSI / Pg. 200</p> 	<p>KF90P LD INTERLOCK FLANGE C. 62 90° ELBOW 6000 PSI LD / Pg. 201</p> 	<p>KF45P INTERLOCK FLANGE CODE 62 45° ELBOW 6000 PSI / Pg. 202</p> 	
Interlock Flanges	<p>KFDS INTERLOCK FLANGE SUPERCAT STILE / Pg. 203</p> 	<p>KF90S INTERLOCK FLANGE SU- PERCAT STILE 90° EL- BOW / Pg. 204</p> 	<p>KF90S LD INTERLOCK FLANGE SU- PERCAT STILE 90° EL- BOW / Pg. 205</p> 	<p>KF45S INTERLOCK FLANGE SU- PERCAT STILE 45° EL- BOW / Pg. 206</p> 	
	Waterblast	<p>WB4 FERRULE WATERBLAST HOSE (4 spiral) / Pg. 209</p> 	<p>WB6 FERRULE WATERBLAST HOSE (6 spiral) / Pg.210</p> 	<p>KMNPTF WB NPTF MALE FOR WATERBLAST HOSE / Pg. 211</p> 	<p>KFE S WB METRIC FEMALE FOR WATERBLAST HOSE / Pg. 212</p> 

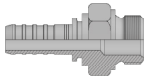
Visual index

HB.NS
FERRULE
FOR SPIRAL HOSE
 (no skive) / Pg. 215

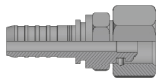


FERRULE

HMG
BSPP MALE 60° CONE
 / Pg. 216

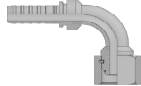


HFDG.SP
BSPP FEMALE
 (thrust-wire nut)
 / Pg. 217

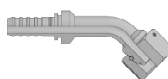


BSP

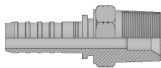
HF90G.SP
BSPP FEMALE 90°
ELBOW (thrust-wire nut)
 / Pg. 218



HF45G.SP
BSPP FEMALE 45°
ELBOW (thrust-wire nut)
 / Pg. 219

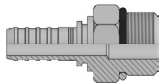


HMNPTF
NPTF MALE
 / Pg. 220

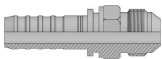


NPTF

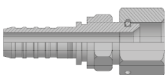
HMOB
O-RING BOSS MALE
 / Pg. 221



HMJ
JIC 37° MALE
 / Pg. 222

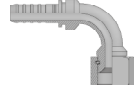


HFDJ SP
JIC 37° FEMALE
 (thrust-wire nut)
 / Pg.223

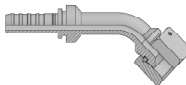


JIC

HF90J SP
JIC 37° FEMALE SWIVEL
90° (thrust-wire nut)
 / Pg. 224



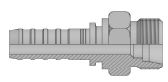
HF45J SP
JIC 37° FEMALE SWIVEL
45° (thrust-wire nut)
 / Pg.225



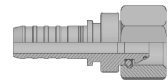
Visual index

METRIC / DIN

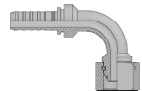
HME.L
METRIC MALE 24°
CONE L TYPE / Pg. 226



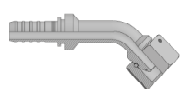
HFE.L
METRIC FEMALE 24°
CONE L TYPE / Pg. 227



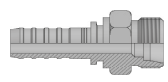
HF90E.L
METRIC FEMALE
24° CONE 90° ELBOW
L TYPE / Pg. 228



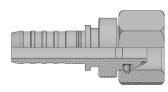
HF45E.L
METRIC FEMALE
24° CONE 45° ELBOW
L TYPE / Pg. 229



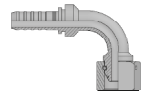
HME.S
METRIC MALE
24° CONE -S TYPE
/ Pg. 230



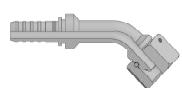
HFE.S
METRIC FEMALE
24° CONE -S TYPE
/ Pg. 231



HF90E.S
METRIC FEMALE
24° CONE 90° ELBOW
S TYPE / Pg. 232

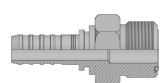


HF45E.S
METRIC FEMALE
24° CONE 45° ELBOW
S TYPE / Pg. 233



ORFS

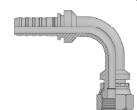
HMORFS
ORFS MALE
/ Pg. 234



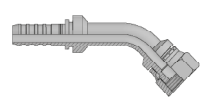
HFORFS
ORFS FEMALE
(doble exagon) / Pg. 235



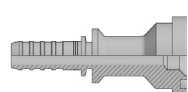
HF90ORFS
ORFS FEMALE SWIVEL
90° ELBOW / Pg. 236



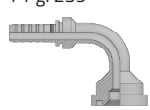
HF45ORFS
ORFS FEMALE SWIVEL
45° ELBOW / Pg. 237



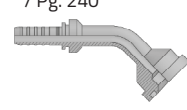
HFDL
FLANGE CODE 61
3000 PSI / Pg. 238



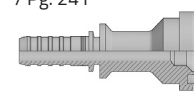
HF90L
FLANGE CODE 61
90° ELBOW 3000 PSI
/ Pg. 239



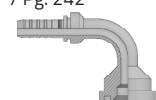
HF45L
FLANGE CODE 61
45° ELBOW 3000 PSI
/ Pg. 240



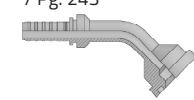
HFDP
FLANGE CODE 62
6000 PSI
/ Pg. 241



HF90P
FLANGE CODE 62
90° ELBOW 6000 PSI
/ Pg. 242

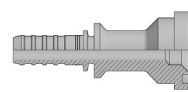


HF45P
FLANGE CODE 62
45° ELBOW 6000 PSI
/ Pg. 243

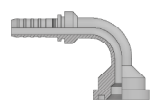


FLANGES

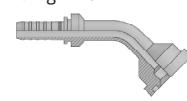
HFDS
SUPERCAT FLANGE
/ Pg. 244



HF90S
SUPERCAT FLANGE
90° ELBOW
/ Pg. 245



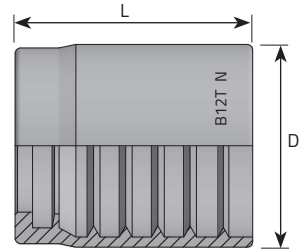
HF45S
SUPERCAT FLANGE
90° ELBOW
/ Pg. 246



Standard

FERRULE FOR 1SN/2SN/2SC

BOCCOLA PER TUBO 1SN/2SN/2SC
 JUPE POUR 1SN/2SN/2SC
 PRESSHÜLSE 1SN/2SN/2SC
 CASQUILLO PARA 1SN/2SN/2SC



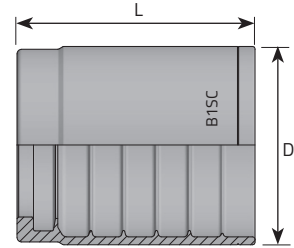
No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES

Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B12T03N	-3	3/16"	4.8		21	23	
B12T04N	-4	1/4"	6.4		23	30	
B12T05N	-5	5/16"	7.9		24	30	
B12T06N	-6	3/8"	9.5		26	32	
B12T08N	-8	1/2"	12.8		29	34	
B12T10N	-10	5/8"	16		33	37	
B12T12N	-12	3/4"	19		37	42	
B12T16N	-16	1"	25.4		46	51	
B12T20N	-20	1.1/4"	31.8		59	59	
B12T24N	-24	1.1/2"	38.1		67	67	
B12T32N	-32	2"	50.8		80	72	

FERRULE FOR 1SC/1SN/2SC

BOCCOLA PER TUBO 1SC/1SN/2SC
 JUPE POUR 1SC/1SN/2SC
 PRESSHÜLSE 1SC/1SN/2SC
 CASQUILLO PARA 1SC/1SN/2SC



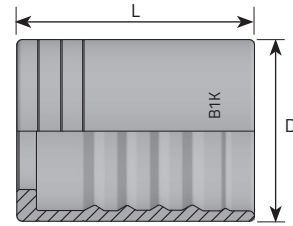
No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES

Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B1SC04	-4	1/4"	6.4		20	30	
B1SC05	-5	5/16"	7.9		22	30	
B1SC06	-6	3/8"	9.5		24	32	
B1SC08	-8	1/2"	12.8		28	34	
B1SC10	-10	5/8"	16		32	37	
B1SC12	-12	3/4"	19		35	42	
B1SC16	-16	1"	25.4		43	51	

FERRULE FOR 1SC-SLIM-R17-R7-R6 1TE/2TE

BOCCOLA PER TUBO 1SC-SLIM-R17-R7-R6 1TE-R6 2TE
 JUPE POUR 1SC-SLIM-R17-R7-R6 1TE-R6 2TE
 PRESSHÜLSE 1SC-SLIM-R17-R7-R6 1TE-R6 2TE
 CASQUILLO PARA 1SC-SLIM-R17-R7-R6 1TE-R6 2TE

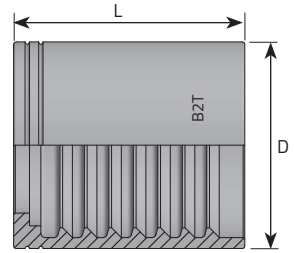


IDENTIFICATION: PRINTED CODE OR SCRATCHES

Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B1K04	-4	1/4"	6.4		18	30	
B1K05	-5	5/16"	7.9		20	30	
B1K06	-6	3/8"	9.5		22	32	
B1K08	-8	1/2"	12.8		26	34	
B1K10	-10	5/8"	16		30	37	
B1K12	-12	3/4"	19		33	42	
B1K16	-16	1"	25.4		41	51	
B1K20	-20	1.1/4"	31.8		48	57	
B1K24	-24	1.1/2"	38.1		56	66	
B1K32	-32	2"	50.8		68	70	

FERRULE FOR 1SN/R1AT

BOCCOLA PER TUBO 1SN/R1AT
 JUPE POUR 1SN/R1AT
 PRESSHÜLSE 1SN/R1AT
 CASQUILLO PARA 1SN/R1AT

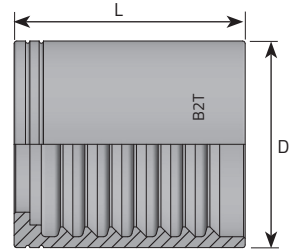


No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B1T03	-3	3/16"	4.8		19	26	
B1T04	-4	1/4"	6.4		20	30	
B1T05	-5	5/16"	7.9		22	30.5	
B1T06	-6	3/8"	9.5		24	32	
B1T08	-8	1/2"	12.8		29	34	
B1T10	-10	5/8"	16		32	37	
B1T12	-12	3/4"	19		36	42.5	
B1T16	-16	1"	25.4		43	50.5	
B1T20	-20	1.1/4"	31.8		53	59	
B1T24	-24	1.1/2"	38.1		60	63	

FERRULE FOR 2SN/R2AT

BOCCOLA PER TUBO 2SN/R2AT
 JUPE POUR 2SN/R2AT
 PRESSHÜLSE 2SN/R2AT
 CASQUILLO PARA 2SN/R2AT



No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES

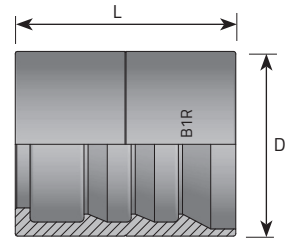
Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
	Inch		mm		mm	mm	
B2T03	-3	3/16"	4.8		20	26	
B2T04	-4	1/4"	6.4		22	30	
B2T05	-5	5/16"	7.9		24	30.5	
B2T06	-6	3/8"	9.5		25.5	31.5	
B2T08	-8	1/2"	12.8		30	34	
B2T10	-10	5/8"	16		34	37	
B2T12	-12	3/4"	19		38	42.5	
B2T16	-16	1"	25.4		46	50	
B2T20	-20	1.1/4"	31.8		56	59	
B2T24	-24	1.1/2"	38.1		64	63	

FERRULE FOR 1ST/R1A

BOCCOLA PER TUBO 1ST/R1A
 JUPE POUR 1ST/R1A
 PRESSHÜLSE 1ST/R1A
 CASQUILLO PARA 1ST/R1A

Skive - A pelare - Dénudable -
 Schaelfassung - A pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES



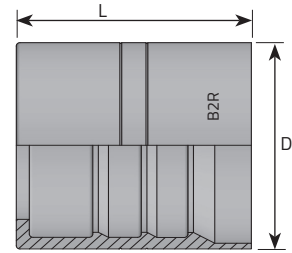
Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
	Inch	mm	mm		mm	mm	
B1R03	-3	3/16"	4.8		17	26.5	
B1R04	-4	1/4"	6.4		20	29.5	
B1R05	-5	5/16"	7.9		22	29.5	
B1R06	-6	3/8"	9.5		24	32	
B1R08	-8	1/2"	12.8		29	34	
B1R10	-10	5/8"	16		32	37	
B1R12	-12	3/4"	19		36	43	
B1R16	-16	1"	25.4		43	50	
B1R20	-20	1.1/4"	31.8		52	57	
B1R24	-24	1.1/2"	38.1		57	63	
B1R32	-32	2"	50.8		70	78	

FERRULE FOR 2ST/R2A

BOCCOLA PER TUBO 2ST/R2A
 JUPE POUR 2ST/R2A
 PRESSHÜLSE 2ST/R2A
 CASQUILLO PARA 12ST/R2A

Skive - A pelare - Dénudable -
 Schaelfassung - A pelar

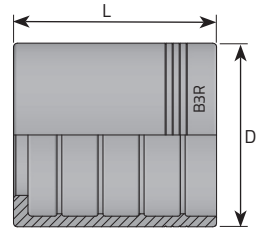
IDENTIFICATION: PRINTED CODE OR SCRATCHES



Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B2R03	-3	3/16"	4.8		20	27	
B2R04	-4	1/4"	6.4		22	30	
B2R05	-5	5/16"	7.9		24	30	
B2R06	-6	3/8"	9.5		26	32	
B2R08	-8	1/2"	12.8		30	34	
B2R10	-10	5/8"	16		34	37	
B2R12	-12	3/4"	19		38	43	
B2R16	-16	1"	25.4		46	50	
B2R20	-20	1.1/4"	31.8		56	59	
B2R24	-24	1.1/2"	38.1		62	63	
B2R32	-32	2"	50.8		75	79	

FERRULE FOR R3-R4

BOCCOLA PER TUBO R3/R4
 JUPE POUR R3/R4
 PRESSHÜLSE R3/R4
 CASQUILLO PARA R3/R4



No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES

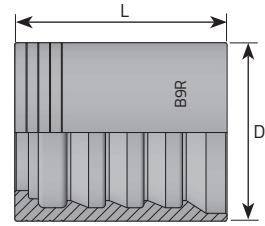
Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B3R04	-4	1/4"	6.4		19	29	
B3R05	-5	5/16"	7.9		22	30	
B3R06	-6	3/8"	9.5		24	31	
B3R08	-8	1/2"	12.8		28.5	34	
B3R10	-10	5/8"	16		32	36	
B3R12	-12	3/4"	19		38	42	
B3R16	-16	1"	25.4		46	50	
B3R20	-20	1.1/4"	31.8		52	57	

FERRULE FOR R9R-4SP

BOCCOLA PER TUBO R9R-4SP
 JUPE POUR R9R-4SP
 PRESSHÜLSE R9R-4SP
 CASQUILLO PARA R9R-4SP

Skive - A pelare - Dénudable -
 Schaelfassung - A pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES



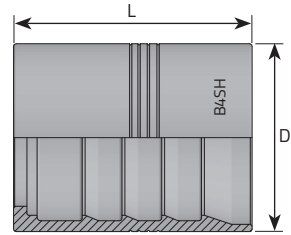
Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B9R04	-4	1/4"	6.4		22	30	
B9R06	-6	3/8"	9.5		26	32	
B9R08	-8	1/2"	12.8		30	34	
B9R10	-10	5/8"	16		34	40	
B9R12	-12	3/4"	19		38	45.2	
B9R16	-16	1"	25.4		46	56	
B9R20	-20	1.1/4"	31.8		59	66	
B9R24	-24	1.1/2"	38.1		65	76.5	
B9R32	-32	2"	50.8		80	80	

FERRULE FOR 4SH (skive)

BOCCOLA PER TUBO 4SH
 JUPE POUR 4SH
 PRESSHÜLSE 4SH
 CASQUILLO PARA 4SH

Skive - A pelare - Dénudable -
 Schaelfassung - A pelar

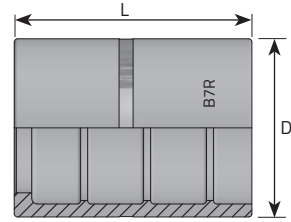
IDENTIFICATION: PRINTED CODE OR SCRATCHES



Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
	Inch	mm	mm		mm	mm	
B4SH20	-20	1.1/4"	31.8		52	66	
B4SH24	-24	1.1/2"	38.1		62	76.5	
B4SH32	-32	2"	50.8		75	80	

FERRULE FOR R7/MTH 1/R6

BOCCOLA PER TUBO R7/MTH1/R6
 JUPE POUR R7/MTH1/R6
 PRESSHÜLSE R7/MTH1/R6
 CASQUILLO PARA R7/MTH1/R6



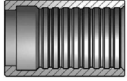
No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES

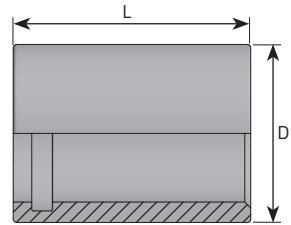
Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B7R03	-3	3/16"	4.8		14	30	
B7R04	-4	1/4"	6.4		17	30	
B7R05	-5	5/16"	7.9		19	30	
B7R06	-6	3/8"	9.5		21	30	
B7R08	-8	1/2"	12.8		25.5	34	
B7R10	-10	5/8"	16		28.5	36	
B7R12	-12	3/4"	19		32	42	
B7R16	-16	1"	25.4		40	50	

FERRULE FOR PTFE

BOCCOLA PER TUBO PTFE
 JUPE POUR PTFE
 PRESSHÜLSE PTFE
 CASQUILLO PARA PTFE



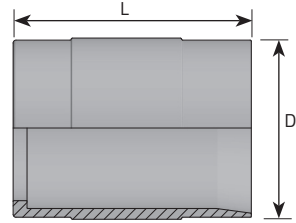
* version with grooves
 versione scanalata



Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
* BPTFE03	-3	3/16"	4.8		14	25	
BPTFE04	-4	1/4"	6.4		16	26.5	
* BPTFE05	-5	5/16"	7.9		17	25	
BPTFE06	-6	3/8"	9.5		19	30	
BPTFE08	-8	1/2"	12.8		24	32	
BPTFE10	-10	5/8"	16		25.5	34	
BPTFE12	-12	3/4"	19		30.5	40	
BPTFE16	-16	1"	25.4		37	47	

FERRULE FOR PTFE CORRUGATED

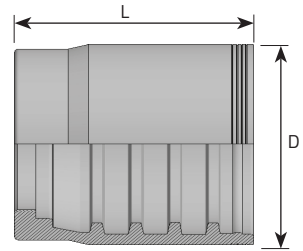
BOCCOLA PER TUBO PTFE CORRUGATA
 JUPE POUR PTFE ONDULE'
 PRESSHÜLSE PTFE GEWELLT
 CASQUILLO PARA PTFE CORRUGADO



Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
BPTFEC04	-4	1/4"	6.4		17.8	26.5	
BPTFEC06	-6	3/8"	9.5		20	30.5	
BPTFEC08	-8	1/2"	12.8		24	33	
BPTFEC10	-10	5/8"	16		29	31	
BPTFEC12	-12	3/4"	19		31.1	41	
BPTFEC16	-16	1"	25.4		38	47	
BPTFEC20	-20	1.1/4"	31.8		49.5	53	
BPTFEC24	-24	1.1/2"	38.1		55.3	58.5	
BPTFEC32	-32	2"	50.8		69	72	

FERRULE FOR 4SP/4SH/R12/ ELASTIK4000/ELASTIK5000

BOCCOLA PER TUBO 4SP/4SH/R12/ELASTIK 4000 / 5000
 JUPE POUR 4SP/4SH/R12 ELASTIK 4000 / 5000
 PRESSHÜLSE 4SP/4SH/R12 ELASTIK 4000 / 5000
 CASQUILLO PARA 4SP/4SH/R12 ELASTIK 4000 / 5000



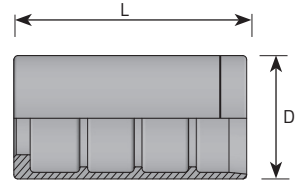
No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES

Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B5K06	-6	3/8"	9.5		33	33	
B5K08	-8	1/2"	12.8		35.5	36	
B5K10	-10	5/8"	16		40.5	40	
B5K12	-12	3/4"	19		43.5	44	
B5K16	-16	1"	25.4		51	54.4	
B5K204	-20	1.1/4"	31.8		62.5	63.5	
B5K206	-20	1.1/4"	31.8		66.5	63.8	

FERRULE FOR 1TE/R6

BOCCOLA PER TUBO 1TE/R6
 JUPE POUR 1TE/R6
 PRESSHÜLSE 1TE/R6
 CASQUILLO PARA 1TE/R6



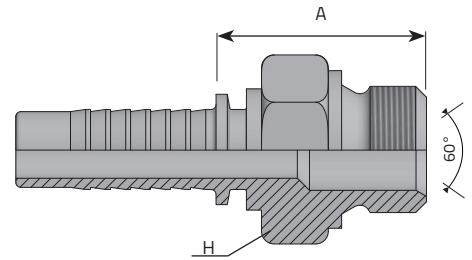
No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

IDENTIFICATION: PRINTED CODE OR SCRATCHES

Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
B6R03	-3	3/16"	4.8		14	30	

BSPP MALE - 60° CONE (1)

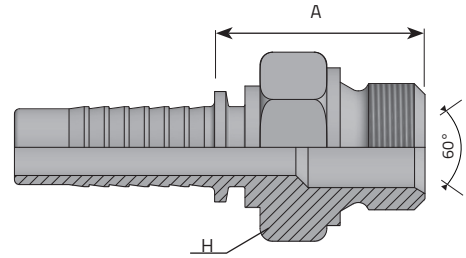
MASCHIO BSPP SV 60°
 MÂLE BSPP CÔNE 60°
 AGR 60° INNENKONUS (BSPP GEWINDE)
 MACHO FIJO BSPP CONO 60°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
MG0302	-3	3/16"	4.8	1/8"	28	14	20.5	350	5076
MG0304	-3	3/16"	4.8	1/4"	19	19	26	415	6019
MG0402	-4	1/4"	6.4	1/8"	28	14	20.5	350	5076
MG0404	-4	1/4"	6.4	1/4"	19	19	27	450	6526
MG0406	-4	1/4"	6.4	3/8"	19	22	29	450	6526
MG0408	-4	1/4"	6.4	1/2"	14	27	32	450	6526
MG0504	-5	5/16"	7.9	1/4"	19	19	27	350	5076
MG0506	-5	5/16"	7.9	3/8"	19	22	29	350	5076
MG0508	-5	5/16"	7.9	1/2"	14	27	32	350	5076
MG0604	-6	3/8"	9.5	1/4"	19	19	27	450	6526
MG0606	-6	3/8"	9.5	3/8"	19	22	29	450	6526
MG0608	-6	3/8"	9.5	1/2"	14	27	32	450	6526
MG0806	-8	1/2"	12.8	3/8"	19	22	29	415	6019
MG0808	-8	1/2"	12.8	1/2"	14	27	33	415	6019
MG0810	-8	1/2"	12.8	5/8"	14	30	34.5	415	6019
MG0812	-8	1/2"	12.8	3/4"	14	32	36	415	6019
MG1008	-10	5/8"	16	1/2"	14	27	33	350	5076
MG1010	-10	5/8"	16	5/8"	14	30	34.5	350	5076

BSPP MALE - 60° CONE (2)

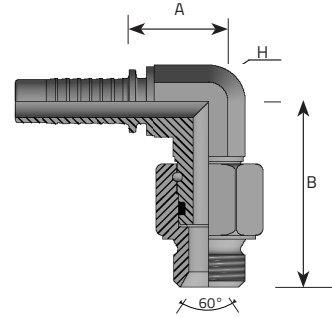
MASCHIO BSPP SV 60°
 MÂLE BSPP CÔNE 60°
 AGR 60° INNENKONUS (BSPP GEWINDE)
 MACHO FIJO BSPP CONO 60°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
MG1012	-10	5/8"	16	3/4"	14	32	36	350	5076
MG1016	-10	5/8"	16	1"	11	38	40	350	5076
MG1208	-12	3/4"	19	1/2"	14	27	34	350	5076
MG1210	-12	3/4"	19	5/8"	14	30	36	350	5076
MG1212	-12	3/4"	19	3/4"	14	32	37	350	5076
MG1216	-12	3/4"	19	1"	11	38	40	350	5076
MG1612	-16	1"	25.4	3/4"	14	32	38	280	4061
MG1616	-16	1"	25.4	1"	11	38	40	280	4061
MG1620	-16	1"	25.4	1.1/4"	11	50	45	280	4061
MG2020	-20	1.1/4"	31.8	1.1/4"	11	50	46	210	3046
MG2024	-20	1.1/4"	31.8	1.1/2"	11	55	46	210	3046
MG2424	-24	1.1/2"	38.1	1.1/2"	11	55	46	185	2683
MG2432	-24	1.1/2"	38.1	2"	11	70	53	185	2683
MG3232	-32	2"	50.8	2"	11	70	54	165	2393

BSPP SWIVEL MALE - 90° ELBOW (COMPACT FORGED)

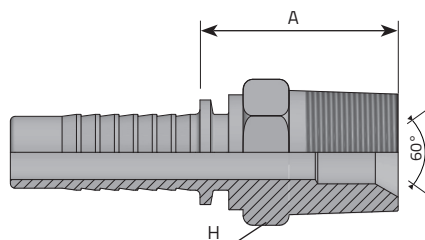
MASCHIO COMPATTO 90° BSPP GIREVOLE
 MALE 90° BSPP COMPACT
 AGR BSPP 90° KOMPAKT DREHBAR
 MACHO BSPP GIRATORIO A 90° COMPACTO



Code	Tube		Thread		Dimensions					Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm	mm			
M90G0404SW	-4	1/4"	6.4	1/4"	19	14	19	45.7	54	350	5076
M90G0606SW	-6	3/8"	9.5	3/8"	19	19	22	57.2	62	350	5076
M90G0808SW	-8	1/2"	12.8	1/2"	14	22	27	64.1	67	350	5076

BSPT TAPERED MALE

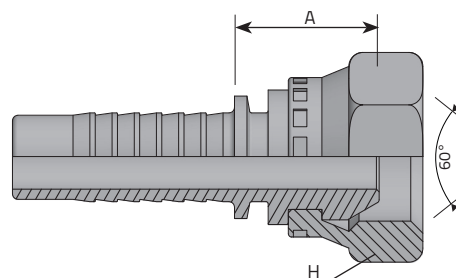
MASCHIO BSPT SV 60°
 MÂLE BSPT CÔNE 60°
 AGR-K KONISCH (BSPT)
 MACHO BSPT CONO 60°



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MGK0302	-3	3/16"	4.8	1/8"	28	12	22	350	5076
MGK0304	-3	3/16"	4.8	1/4"	19	15	22	415	6019
MGK0402	-4	1/4"	6.4	1/8"	28	12	22.5	350	5076
MGK0404	-4	1/4"	6.4	1/4"	19	15	27	450	6526
MGK0406	-4	1/4"	6.4	3/8"	19	19	28	450	6526
MGK0504	-5	5/16"	7.9	1/4"	19	15	27	350	5076
MGK0506	-5	5/16"	7.9	3/8"	19	19	28	350	5076
MGK0604	-6	3/8"	9.5	1/4"	19	15	28	450	6526
MGK0606	-6	3/8"	9.5	3/8"	19	19	28	450	6526
MGK0608	-6	3/8"	9.5	1/2"	14	22	34	415	6019
MGK0806	-8	1/2"	12.8	3/8"	19	19	28	415	6019
MGK0808	-8	1/2"	12.8	1/2"	14	22	34.5	415	6019
MGK1008	-10	5/8"	16	1/2"	14	24	34.5	350	5076
MGK1012	-10	5/8"	16	3/4"	14	27	36.5	350	5076
MGK1212	-12	3/4"	19	3/4"	14	27	37	350	5076
MGK1216	-12	3/4"	19	1"	11	36	45	280	4061
MGK1616	-16	1"	25.4	1"	11	36	46	280	4061
MGK1620	-16	1"	25.4	1.1/4"	11	46	45.5	210	3046
MGK2020	-20	1.1/4"	31.8	1.1/4"	11	46	46	210	3046
MGK2024	-20	1.1/4"	31.8	1.1/2"	11	50	47	185	2683
MGK2424	-24	1.1/2"	38.1	1.1/2"	11	50	47.3	185	2683
MGK3232	-32	2"	50.8	2"	11	65	57	165	2393

BSPP FEMALE - 60° CONE (1)

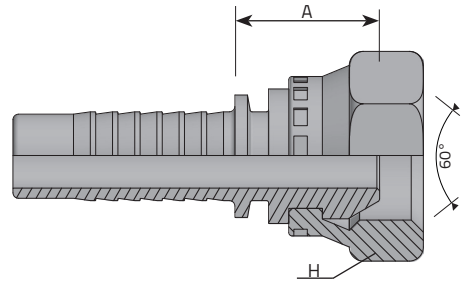
FEMMINA BSPP SV 60°
 FEMELLE DROITE BSPP CÔNE 60°
 DKR 60° KONUS (BSPP-GEWINDE)
 HEMBRA GIRATORIA RECTA BSPP CONO 60°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm			
FDG0302	-3	3/16"	4.8	1/8"	28	15	18	350	5076
FDG0304	-3	3/16"	4.8	1/4"	19	19	18	415	6019
FDG0402	-4	1/4"	6.4	1/8"	28	15	18	350	5076
FDG0404	-4	1/4"	6.4	1/4"	19	19	18	450	6526
FDG0406	-4	1/4"	6.4	3/8"	19	22	19	450	6526
FDG0408	-4	1/4"	6.4	1/2"	14	27	21	450	6526
FDG0504	-5	5/16"	7.9	1/4"	19	19	18	350	5076
FDG0506	-5	5/16"	7.9	3/8"	19	22	19	350	5076
FDG0508	-5	5/16"	7.9	1/2"	14	27	21	350	5076
FDG0604	-6	3/8"	9.5	1/4"	19	19	19	450	6526
FDG0606	-6	3/8"	9.5	3/8"	19	22	20	450	6526
FDG0608	-6	3/8"	9.5	1/2"	14	27	21	450	6526
FDG0806	-8	1/2"	12.8	3/8"	19	19	20	415	6019
FDG0808	-8	1/2"	12.8	1/2"	14	27	22	415	6019
FDG0810	-8	1/2"	12.8	5/8"	14	28	22	415	6019
FDG0812	-8	1/2"	12.8	3/4"	14	32	24	415	6019
FDG1008	-10	5/8"	16	1/2"	14	27	22	350	5076
FDG1010	-10	5/8"	16	5/8"	14	28	23	350	5076

BSPP FEMALE - 60° CONE (2)

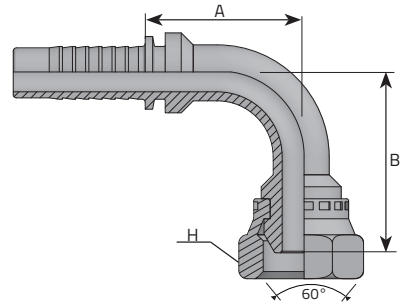
FEMMINA BSPP SV 60°
 FEMELLE DROITE BSPP CÔNE 60°
 DKR 60° KONUS (BSPP-GEWINDE)
 HEMBRA GIRATORIA RECTA BSPP CONO 60°



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
FDG1012	-10	5/8"	16	3/4"	14	32	24	350	5076
FDG1208	-12	3/4"	19	1/2"	14	27	22.5	350	5076
FDG1210	-12	3/4"	19	5/8"	14	28	24	350	5076
FDG1212	-12	3/4"	19	3/4"	14	32	25	350	5076
FDG1216	-12	3/4"	19	1"	11	38	26	350	5076
FDG1612	-16	1"	25.4	3/4"	14	32	26	280	4061
FDG1616	-16	1"	25.4	1"	11	38	27	280	4061
FDG1620	-16	1"	25.4	1.1/4"	11	50	30	280	4061
FDG2020	-20	1.1/4"	31.8	1.1/4"	11	50	30	210	3046
FDG2024	-20	1.1/4"	31.8	1.1/2"	11	55	32	210	3046
FDG2424	-24	1.1/2"	38.1	1.1/2"	11	55	32	185	2683

BSPP FEMALE - 60° CONE - 90° ELBOW (1)

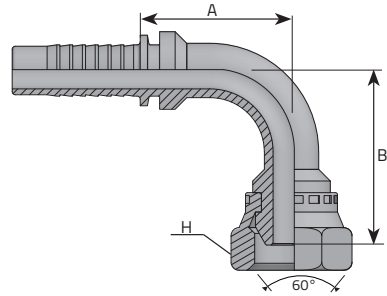
FEMMINA 90° BSPP SV 60°
 FEMELLE 90° BSPP CÔNE 60°
 DKR 90° BOGEN 60° KONUS (BSPP-GEWINDE)
 HEMBRA GIRATORIA A 90° BSPP - CONO 60°



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90G0302	-3	3/16"	4.8	1/8"	28	15	29	23	350	5076
F90G0304	-3	3/16"	4.8	1/4"	19	19	29	23	415	6019
F90G0402	-4	1/4"	6.4	1/8"	28	15	29	23	350	5076
F90G0404	-4	1/4"	6.4	1/4"	19	19	29	23	450	6526
F90G0406	-4	1/4"	6.4	3/8"	19	22	32	23	450	6526
F90G0408	-4	1/4"	6.4	1/2"	14	27	30	31.5	450	6526
F90G0504	-5	5/16"	7.9	1/4"	19	19	33.5	31.5	350	5076
F90G0506	-5	5/16"	7.9	3/8"	19	22	35.5	31.5	350	5076
F90G0508	-5	5/16"	7.9	1/2"	14	27	39	31.5	350	5076
F90G0604	-6	3/8"	9.5	1/4"	19	19	37	33	450	6526
F90G0606	-6	3/8"	9.5	3/8"	19	22	38	33	450	6526
F90G0608	-6	3/8"	9.5	1/2"	14	27	42	33	450	6526
F90G0806	-8	1/2"	12.8	3/8"	19	22	43	39	415	6019
F90G0808	-8	1/2"	12.8	1/2"	14	27	45	39	415	6019
F90G0810	-8	1/2"	12.8	5/8"	14	28	45	39	415	6019
F90G0812	-8	1/2"	12.8	3/4"	14	32	51	39	415	6019
F90G1008	-10	5/8"	16	1/2"	14	27	54	49	350	5076
F90G1010	-10	5/8"	16	5/8"	14	28	54	49	350	5076

BSPP FEMALE - 60° CONE - 90° ELBOW (2)

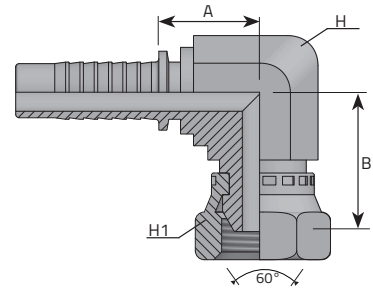
FEMMINA 90° BSPP SV 60°
 FEMELLE 90° BSPP CÔNE 60°
 DKR 90° BOGEN 60° KONUS (BSPP-GEWINDE)
 HEMBRA GIRATORIA A 90° BSPP - CONO 60°



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90G1012	-10	5/8"	16	3/4"	14	32	56	49	350	5076
F90G1208	-12	3/4"	19	1/2"	14	27	56	53.5	350	5076
F90G1210	-12	3/4"	19	5/8"	14	28	56	53.5	350	5076
F90G1212	-12	3/4"	19	3/4"	14	32	59	53.5	350	5076
F90G1216	-12	3/4"	19	1"	11	38	65	53.5	350	5076
F90G1612	-16	1"	25.4	3/4"	14	32	72	68.5	280	4061
F90G1616	-16	1"	25.4	1"	11	38	72	73	280	4061
F90G1620	-16	1"	25.4	1.1/4"	11	50	80	73	280	4061
F90G2020	-20	1.1/4"	31.8	1.1/4"	11	50	93	89	210	3046
F90G2024	-20	1.1/4"	31.8	1.1/2"	11	55	98.5	89	210	3046
F90G2424	-24	1.1/2"	38.1	1.1/2"	11	55	114	101	185	2683

BSPP FEMALE - 90° ELBOW (COMPACT FORGED)

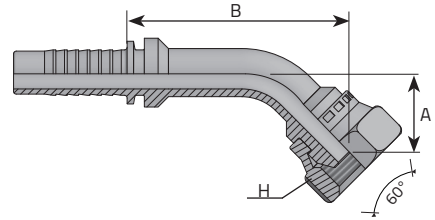
FEMMINA 90° BSPP SV 60° COMPATTA
 FEMELLE 90° BSPP COMPACTE CÔNE 60°
 DKR 90° KOMPAKT
 HEMBRA GIRATORIA A 90° BSPP COMPACTA



Code	Tube		Thread		Dimensions					Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm	mm			
F90G0404K	-4	1/4"	6.4	1/4"	19	14	19	26.7	19	450	6526
F90G0406K	-4	1/4"	6.4	3/8"	19	19	22	28	21.5	450	6526
F90G0506K	-5	5/16"	7.9	3/8"	19	19	22	28	21.5	350	5076
F90G0606K	-6	3/8"	9.5	3/8"	19	19	22	28	21.5	450	6526
F90G0608K	-6	3/8"	9.5	1/2"	14	22	27	32.5	24	450	6526
F90G0808K	-8	1/2"	12.8	1/2"	14	22	27	32.5	24	415	6019
F90G1212K	-12	3/4"	19	3/4"	14	27	32	39.5	25	350	5076
F90G1616K	-16	1"	25.4	1"	11	33	38	43.5	32.5	280	4061

BSPP FEMALE - 60° CONE - 45° ELBOW (1)

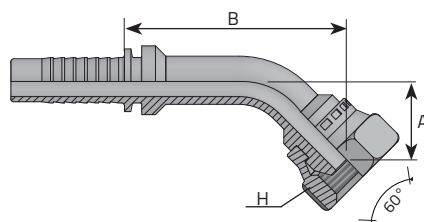
FEMMINA 45° BSPP SV 60°
 FEMELLE 45° BSPP CÔNE 60°
 DKR 45° BOGEN 60° KONUS (BSPP-GEWINDE)
 HEMBRA GIRATORIA A 45° BSPP - CONO 60°



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45G0302	-3	3/16"	4.8	1/8"	28	15	17	40	350	5076
F45G0304	-3	3/16"	4.8	1/4"	19	19	17	40	415	6019
F45G0402	-4	1/4"	6.4	1/8"	28	15	17	40	350	5076
F45G0404	-4	1/4"	6.4	1/4"	19	19	17	40	450	6526
F45G0406	-4	1/4"	6.4	3/8"	19	22	20	43	450	6526
F45G0408	-4	1/4"	6.4	1/2"	14	27	24	55	450	6526
F45G0504	-5	5/16"	7.9	1/4"	19	19	20	51	350	5076
F45G0506	-5	5/16"	7.9	3/8"	19	22	21	52	350	5076
F45G0508	-5	5/16"	7.9	1/2"	14	27	24	55	350	5076
F45G0604	-6	3/8"	9.5	1/4"	19	19	19	54	450	6526
F45G0606	-6	3/8"	9.5	3/8"	19	22	20	55	450	6526
F45G0608	-6	3/8"	9.5	1/2"	14	27	23	58	450	6526
F45G0806	-8	1/2"	12.8	3/8"	19	22	20	63	415	6019
F45G0808	-8	1/2"	12.8	1/2"	14	27	23	65	415	6019
F45G0810	-8	1/2"	12.8	5/8"	14	28	23	65	415	6019
F45G0812	-8	1/2"	12.8	3/4"	14	32	21	66	415	6019
F45G1008	-10	5/8"	16	1/2"	14	27	25	63	350	5076
F45G1010	-10	5/8"	16	5/8"	14	28	25	64	350	5076

BSPP FEMALE - 60° CONE - 45° ELBOW (2)

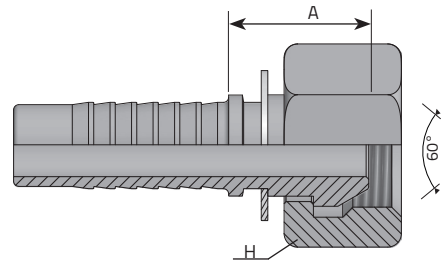
FEMMINA 45° BSPP SV 60°
 FEMELLE 45° BSPP CÔNE 60°
 DKR 45° BOGEN 60° KONUS (BSPP-GEWINDE)
 HEMBRA BSPP CODO 45° ASIENTO 60°



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F45G1012	-10	5/8"	16	3/4"	14	32	26	64	350	5076
F45G1208	-12	3/4"	19	1/2"	14	27	28	62	350	5076
F45G1210	-12	3/4"	19	5/8"	14	28	29	63	350	5076
F45G1212	-12	3/4"	19	3/4"	14	32	29	63	350	5076
F45G1216	-12	3/4"	19	1"	11	38	31	65	350	5076
F45G1612	-16	1"	25.4	3/4"	14	32	39	88	280	4061
F45G1616	-16	1"	25.4	1"	11	38	41	90	280	4061
F45G1620	-16	1"	25.4	1.1/4"	11	50	44	93	280	4061
F45G2020	-20	1.1/4"	31.8	1.1/4"	11	50	44	102	210	3046
F45G2024	-20	1.1/4"	31.8	1.1/2"	11	55	45	103	210	3046
F45G2424	-24	1.1/2"	38.1	1.1/2"	11	55	45	118	185	2683

BSPP FEMALE (SLIP-ON NUT)

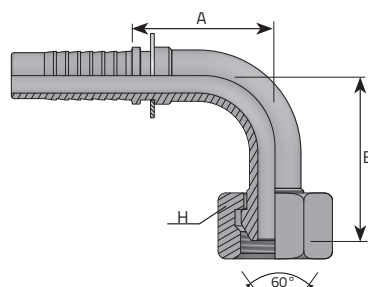
FEMMINA BSPP SV 60° (DADO LIBERO)
 FEMELLE DROIT BSPP CÔNE 60° (ÉCROU LIBRE)
 DKR 60° KONUS (BSPP-GEWINDE) + ÜBERWURFMUTTER
 HEMBRA GIRATORIA RECTA BSPP CONO 60° (TUERCA LIBRE)



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
FDG0304SF	-3	3/16"	4.8	1/4"	19	19	18	415	6019
FDG0404SF	-4	1/4"	6.4	1/4"	19	19	18	450	6526
FDG0406SF	-4	1/4"	6.4	3/8"	19	22	19	450	6526
FDG0506SF	-5	5/16"	7.9	3/8"	19	22	19	350	5076
FDG0606SF	-6	3/8"	9.5	3/8"	19	22	20	450	6526
FDG0608SF	-6	3/8"	9.5	1/2"	14	27	21	450	6526
FDG0808SF	-8	1/2"	12.8	1/2"	14	27	22	415	6019

BSPP FEMALE - 90° ELBOW (SLIP-ON NUT)

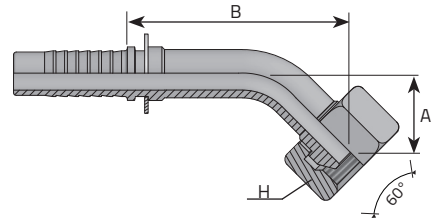
FEMMINA BSPP SV 60° (DADO LIBERO)
 FEMELLE 90° BSPP CÔNE 60° (ÉCROU LIBRE)
 DKR 90° BOGEN 60° KONUS (BSPP- GEWINDE) + ÜBERWURFMUTTER
 HEMBRA GIRATORIA A 90° BSPP CONO 60° (TUERCA LIBRE)



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm	mm		
F90G0304SF	-3	3/16"	4.8	1/4"	19	19	29	23	415	6019
F90G0404SF	-4	1/4"	6.4	1/4"	19	19	29	23	450	6526
F90G0406SF	-4	1/4"	6.4	3/8"	19	22	32	23	450	6526
F90G0506SF	-5	5/16"	7.9	3/8"	19	22	35.5	31.5	350	5076
F90G0606SF	-6	3/8"	9.5	3/8"	19	22	38	33	450	6526
F90G0608SF	-6	3/8"	9.5	1/2"	14	27	42	33	450	6526
F90G0808SF	-8	1/2"	12.8	1/2"	14	27	45	39	415	6019

BSPP FEMALE 45° ELBOW (SLIP-ON NUT)

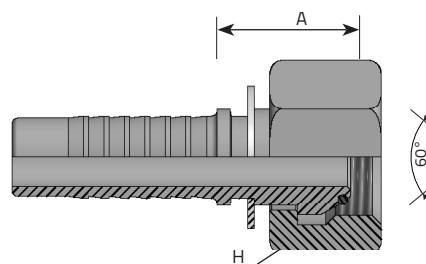
FEMMINA 45° BSPP SV 60° DADO LIBERO
 FEMELLE 45° BSPP CÔNE 60° (ÉCROU LIBRE)
 DKR 45° BOGEN 60° KONUS (BSPP- GEWINDE) + ÜBERWURFMUTTER
 HEMBRA GIRATORIA A 45° BSPP CONO 60° (TUERCA LIBRE)



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F45G0304SF	-3	3/16"	4.8	1/4"	19	19	17	40	415	6019
F45G0404SF	-4	1/4"	6.4	1/4"	19	19	17	40	450	6526
F45G0406SF	-4	1/4"	6.4	3/8"	19	22	20	43	450	6526
F45G0506SF	-5	5/16"	7.9	3/8"	19	22	21	52	350	5076
F45G0606SF	-6	3/8"	9.5	3/8"	19	22	20	55	450	6526
F45G0608SF	-6	3/8"	9.5	1/2"	14	27	23	58	450	6526
F45G0808SF	-8	1/2"	12.8	1/2"	14	27	23	65	415	6019

BSPP FEMALE (O - RING - SLIP - ON NUT)

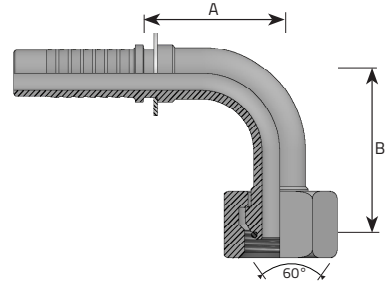
FEMMINA BSPP SV 60° (DADO LIBERO E O-RING)
 FEMELLE DROIT BSPP CÔNE 60° (ÉCROU LIBRE AVEC O-RING)
 DKR 60° KONUS (BSPP-GEWINDE) + ÜBERWURFMUTTER + O-RING
 HEMBRA GIRATORIA RECTA BSPP CONO 60° (TUERCA LIBRE - JUNTA TORICA)



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
FDG0404SF-OR	-4	1/4"	6.4	1/4"	19	19	18	450	6526
FDG0406SF-OR	-4	1/4"	6.4	3/8"	19	22	19	450	6526
FDG0506SF-OR	-5	5/16"	7.9	3/8"	19	22	19	350	5076
FDG0606SF-OR	-6	3/8"	9.5	3/8"	19	22	20	450	6526
FDG0608SF-OR	-6	3/8"	9.5	1/2"	14	27	21	450	6526
FDG0808SF-OR	-8	1/2"	12.8	1/2"	14	27	22	415	6019

BSPP FEMALE - 90° ELBOW (O - RING - SLIP - ON NUT)

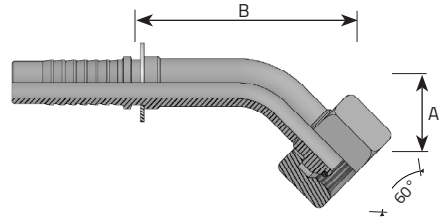
FEMMINA BSPP SV 60° (DADO LIBERO E O-RING)
 FEMELLE 90° BSPP CÔNE 60° (ÉCROU LIBRE AVEC O-RING)
 DKR 90° BOGEN 60° KONUS (BSPP- GEWINDE) + ÜBERWURFMUTTER + O-RING
 HEMBRA GIRATORIA A 90° BSPP CONO 60° (TUERCA LIBRE - JUNTA TORICA)



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F90G0404SF-OR	-4	1/4"	6.4	1/4"	19	19	29	23	450	6526
F90G0406SF-OR	-4	1/4"	6.4	3/8"	19	22	32	23	450	6526
F90G0506SF-OR	-5	5/16"	7.9	3/8"	19	22	35.5	31.5	350	5076
F90G0606SF-OR	-6	3/8"	9.5	3/8"	19	22	38	33	450	6526
F90G0608SF-OR	-6	3/8"	9.5	1/2"	14	27	42	33	450	6526
F90G0808SF-OR	-8	1/2"	12.8	1/2"	14	27	45	39	415	6019

BSPP FEMALE 45° ELBOW (O - RING - SLIP - ON NUT)

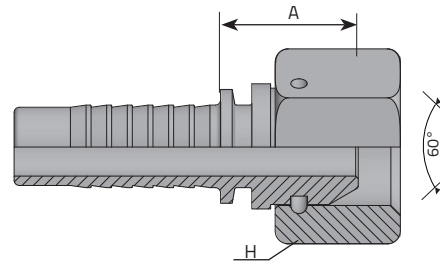
FEMMINA 45° BSPP SV 60° (DADO LIBERO E O-RING)
 FEMELLE 45° BSPP CÔNE 60° (ÉCROU LIBRE AVEC O-RING)
 DKR 45° BOGEN 60° KONUS (BSPP- GEWINDE) + ÜBERWURFMUTTER + O-RING
 HEMBRA GIRATORIA A 45° BSPP CONO 60° (TUERCA LIBRE - JUNTA TORICA)



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45G0404SF-OR	-4	1/4"	6.4	1/4"	19	19	17	40	450	6526
F45G0406SF-OR	-4	1/4"	6.4	3/8"	19	22	20	43	450	6526
F45G0506SF-OR	-5	5/16"	7.9	3/8"	19	22	21	52	350	5076
F45G0606SF-OR	-6	3/8"	9.5	3/8"	19	22	20	55	450	6526
F45G0608SF-OR	-6	3/8"	9.5	1/2"	14	27	23	58	450	6526
F45G0808SF-OR	-8	1/2"	12.8	1/2"	14	27	23	65	415	6019

BSPP FEMALE (THRUST-WIRE NUT) (1)

FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING
 FEMELLE DROITE BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 60° KONUS MIT O-RING (BSPP- GEWINDE) + GESTIFTETE
 ÜBERWURFMUTTER
 HEMBRA GIRATORIA RECTA BSPP CON O-RING CONO 60° (TUERCA CON
 SEGURO)



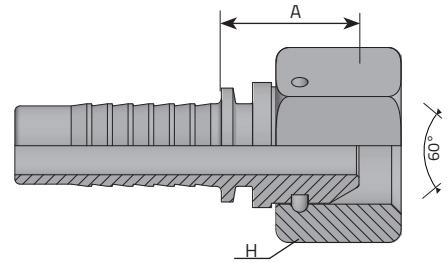
* : without o-ring / senza o-ring

Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm	mm		
* FDG0302SP	-3	3/16"	4.8	1/8"	28	14	18	350	5076
* FDG0304SP	-3	3/16"	4.8	1/4"	19	19	18	415	6019
* FDG0402SP	-4	1/4"	6.4	1/8"	28	14	18	350	5076
* FDG0404SP	-4	1/4"	6.4	1/4"	19	19	18	450	6526
* FDG0406SP	-4	1/4"	6.4	3/8"	19	22	19	450	6526
* FDG0408SP	-4	1/4"	6.4	1/2"	14	27	21	450	6526
* FDG0504SP	-5	5/16"	7.9	1/4"	19	19	18	350	5076
* FDG0506SP	-5	5/16"	7.9	3/8"	19	22	19	350	5076
* FDG0508SP	-5	5/16"	7.9	1/2"	14	27	21	350	5076
* FDG0604SP	-6	3/8"	9.5	1/4"	19	19	19	450	6526
* FDG0606SP	-6	3/8"	9.5	3/8"	19	22	20	450	6526
* FDG0608SP	-6	3/8"	9.5	1/2"	14	27	21	450	6526
* FDG0806SP	-8	1/2"	12.8	3/8"	19	19	20	415	6019
* FDG0808SP	-8	1/2"	12.8	1/2"	14	27	22	415	6019
FDG0812SP	-8	1/2"	12.8	3/4"	14	32	24	415	6019
* FDG1008SP	-10	5/8"	16	1/2"	14	27	22	350	5076

BSPP FEMALE (THRUST-WIRE NUT) (2)

FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING
 FEMELLE DROITE BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 60° KONUS MIT O-RING (BSPP- GEWINDE) + GESTIFTETE
 ÜBERWURFMUTTER HEMBRA GIRATORIA RECTA BSPP CON O-RING CONO 60°
 (TUERCA CON SEGURO)

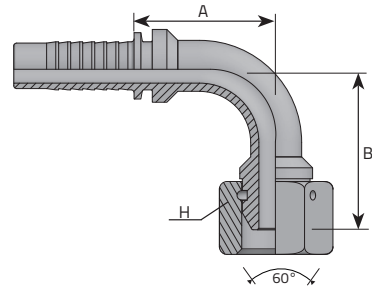
* : without o-ring / senza o-ring



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
FDG1012SP	-10	5/8"	16	3/4"	14	32	24	350	5076
* FDG1208SP	-12	3/4"	19	1/2"	14	27	22.5	350	5076
FDG1212SP	-12	3/4"	19	3/4"	14	32	25	350	5076
FDG1612SP	-16	1"	25.4	3/4"	14	32	26	350	5076
FDG1616SP	-16	1"	25.4	1"	11	38	27	280	4061
FDG1620SP	-16	1"	25.4	1.1/4"	11	50	30	280	4061
FDG2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	30	210	3046
FDG2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	32	210	3046
FDG2424SP	-24	1.1/2"	38.1	1.1/2"	11	55	32	185	2683
FDG2432SP	-24	1.1/2"	38.1	2"	11	70	32.5	185	2683
FDG3232SP	-32	2"	50.8	2"	11	70	33.5	165	2393

BSPP FEMALE 90° ELBOW (THRUST-WIRE NUT) (1)

FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING
 FEMELLE 90° BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 90° BOGEN 60° KONUS MIT O-RING (BSPP-GEWINDE) + GESTIFTETE
 HEMBRA GIRATORIA A 90° BSPP CON O-RING (TUERCA CON SEGURO)

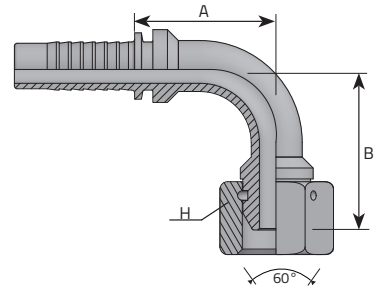


* : without o-ring / senza o-ring

Code	Tube	Thread			Dimensions			Pressure		
		D.N.	Hose	Diam	T	t/1"	H	B	A	Bar
		Inch	mm	Inch		mm	mm	mm		
* F90G0302SP	-3	3/16"	4.8	1/8"	28	14	29	23	350	5076
* F90G0304SP	-3	3/16"	4.8	1/4"	19	19	29	23	415	6019
* F90G0402SP	-4	1/4"	6.4	1/8"	28	14	29	23	350	5076
* F90G0404SP	-4	1/4"	6.4	1/4"	19	19	29	23	450	6526
* F90G0406SP	-4	1/4"	6.4	3/8"	19	22	32	23	450	6526
* F90G0408SP	-4	1/4"	6.4	1/2"	14	27	39	31.5	450	6526
* F90G0504SP	-5	5/16"	7.9	1/4"	19	19	33.5	31.5	350	5076
* F90G0506SP	-5	5/16"	7.9	3/8"	19	22	35.5	31.5	350	5076
* F90G0508SP	-5	5/16"	7.9	1/2"	14	27	39	31.5	350	5076
* F90G0604SP	-6	3/8"	9.5	1/4"	19	19	37	33	450	6526
* F90G0606SP	-6	3/8"	9.5	3/8"	19	22	38	33	450	6526
* F90G0608SP	-6	3/8"	9.5	1/2"	14	27	42	33	450	6526
* F90G0806SP	-8	1/2"	12.8	3/8"	19	22	43	39	415	6019
* F90G0808SP	-8	1/2"	12.8	1/2"	14	27	45	39	415	6019
F90G0812SP	-8	1/2"	12.8	3/4"	14	32	51	39	415	6019
* F90G1008SP	-10	5/8"	16	1/2"	14	27	54	49	350	5076
F90G1012SP	-10	5/8"	16	3/4"	14	32	56	49	350	5076

BSPP FEMALE 90° ELBOW (THRUST-WIRE NUT) (2)

FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING
 FEMELLE 90° BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 90° BOGEN 60° KONUS MIT O-RING (BSPP-GEWINDE) + GESTIFTETE
 HEMBRA GIRATORIA A 90° BSPP CON O-RING (TUERCA CON SEGURO)

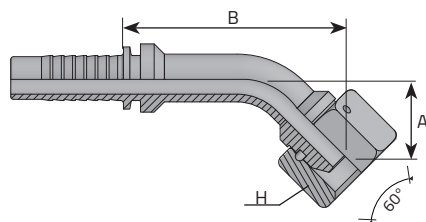


* : without o-ring / senza o-ring

	Code	Tube		Thread		Dimensions			Pressure		
		D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
		Inch	mm	Inch	mm	mm	mm	mm	mm		
*	F90G1208SP	-12	3/4"	19	1/2"	14	27	56	53.5	350	5076
	F90G1212SP	-12	3/4"	19	3/4"	14	32	59	53.5	350	5076
	F90G1216SP	-12	3/4"	19	1"	11	38	65	53.5	350	5076
	F90G1612SP	-16	1"	25.4	3/4"	14	32	72	68.5	350	5076
	F90G1616SP	-16	1"	25.4	1"	11	38	72	73	280	4061
	F90G1620SP	-16	1"	25.4	1.1/4"	11	50	80	73	280	4061
	F90G2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	93	89	210	3046
	F90G2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	98.5	89	210	3046
	F90G2424SP	-24	1.1/2"	38.1	1.1/2"	11	55	114	101	185	2683
	F90G2432SP	-24	1.1/2"	38.1	2"	11	70	118	101	185	2683
	F90G3232SP	-32	2"	50.8	2"	11	70	136	135	165	2393

BSPP FEMALE 45° ELBOW (THRUST-WIRE NUT) (1)

FEMMINA 45° BSPP SV60° DADO SPINATO CON O-RING
 FEMELLE 45° BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 45° BOGEN 60° KONUS MIT O-RING (BSPP-GEWINDE) + GESTIFTETE
 HEMBRA GIRATORIA A 45° BSPP CON O-RING (TUERCA CON SEGURO)

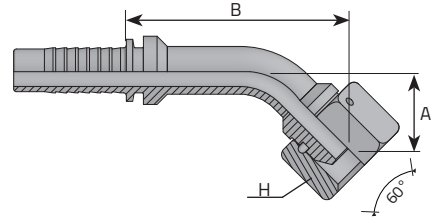


* : without o-ring / senza o-ring

Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
* F45G0302SP	-3	3/16"	4.8	1/8"	28	14	17	40	350	5076
* F45G0304SP	-3	3/16"	4.8	1/4"	19	19	17	40	415	6019
* F45G0402SP	-4	1/4"	6.4	1/8"	28	14	17	40	350	5076
* F45G0404SP	-4	1/4"	6.4	1/4"	19	19	17	40	450	6526
* F45G0406SP	-4	1/4"	6.4	3/8"	19	22	20	43	450	6526
* F45G0408SP	-4	1/4"	6.4	1/2"	14	27	24	55	450	6526
* F45G0504SP	-5	5/16"	7.9	1/4"	19	19	20	51	350	5076
* F45G0506SP	-5	5/16"	7.9	3/8"	19	22	21	52	350	5076
* F45G0508SP	-5	5/16"	7.9	1/2"	14	27	24	55	350	5076
* F45G0604SP	-6	3/8"	9.5	1/4"	19	19	19	54	450	6526
* F45G0606SP	-6	3/8"	9.5	3/8"	19	22	20	55	450	6526
* F45G0608SP	-6	3/8"	9.5	1/2"	14	27	23	58	450	6526
* F45G0806SP	-8	1/2"	12.8	3/8"	19	22	20	63	415	6019
* F45G0808SP	-8	1/2"	12.8	1/2"	14	27	23	65	415	6019
F45G0812SP	-8	1/2"	12.8	3/4"	14	32	21	66	415	6019
* F45G1008SP	-10	5/8"	16	1/2"	14	27	25	63	350	5076

BSPP FEMALE 45° ELBOW (THRUST-WIRE NUT) (2)

FEMMINA 45° BSPP SV60° DADO SPINATO CON O-RING
 FEMELLE 45° BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 45° BOGEN 60° KONUS MIT O-RING (BSPP-GEWINDE) + GESTIFTETE
 HEMBRA GIRATORIA A 45° BSPP CON O-RING (TUERCA CON SEGURO)

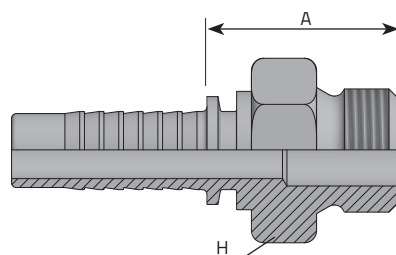


* : without o-ring / senza o-ring

Code	Tube		Thread				Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi	
	Inch	mm	Inch		mm	mm	mm				
F45G1012SP	-10	5/8"	16	3/4"	14	32	26	64	350	5076	
* F45G1208SP	-12	3/4"	19	1/2"	14	27	28	62	350	5076	
F45G1212SP	-12	3/4"	19	3/4"	14	32	29	63	350	5076	
F45G1216SP	-12	3/4"	19	1"	11	38	31	65	350	5076	
F45G1612SP	-16	1"	25.4	3/4"	14	32	39	88	350	5076	
F45G1616SP	-16	1"	25.4	1"	11	38	41	90	280	4061	
F45G1620SP	-16	1"	25.4	1.1/4"	11	50	44	93	280	4061	
F45G2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	44	102	210	3046	
F45G2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	45	103	210	3046	
F45G2424SP	-24	1.1/2"	38.1	1.1/2"	11	55	45	118	185	2683	
F45G2432SP	-24	1.1/2"	38.1	2"	11	70	118	101	185	2683	
F45G3232SP	-32	2"	50.8	2"	11	70	55	145	165	2393	

BSPP MALE (FLAT SEAT)

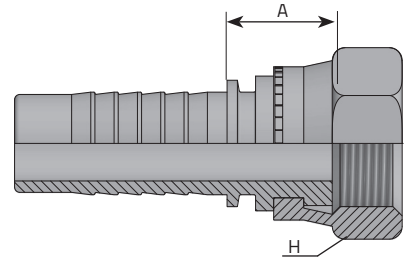
MASCHIO BSPP SEDE PIANA
 MÂLE BSPP FACE PLATE
 AGR-F FLACHDICHTEND (BSPP- GEWINDE)
 MACHO FIJO BSPP ASIEN TO PLANO



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
MGSP0404	-4	1/4"	6.4	1/4"	19	19	27	450	6526
MGSP0406	-4	1/4"	6.4	3/8"	19	22	29	450	6526
MGSP0506	-5	5/16"	7.9	3/8"	19	22	29	350	5076
MGSP0606	-6	3/8"	9.5	3/8"	19	22	28.5	450	6526
MGSP0608	-6	3/8"	9.5	1/2"	14	27	32	450	6526
MGSP0808	-8	1/2"	12.8	1/2"	14	27	32	415	6019
MGSP0810	-8	1/2"	12.8	5/8"	14	30	35	415	6019
MGSP0812	-8	1/2"	12.8	3/4"	14	32	36	415	6019
MGSP1010	-10	5/8"	16	5/8"	14	30	35	350	5076
MGSP1012	-10	5/8"	16	3/4"	14	32	36	350	5076
MGSP1212	-12	3/4"	19	3/4"	14	32	37	350	5076
MGSP1216	-12	3/4"	19	1"	11	38	40	350	5076
MGSP1616	-16	1"	25.4	1"	11	38	39.5	280	4061
MGSP2020	-20	1.1/4"	31.8	1.1/4"	11	50	46	210	3046
MGSP2424	-24	1.1/2"	38.1	1.1/2"	11	55	43	184	2669

BSPP FEMALE (FLAT SEAT)

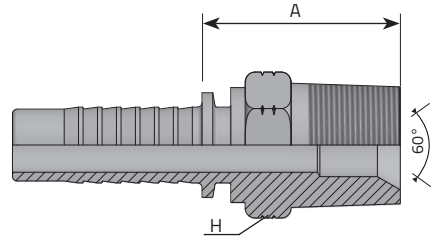
FEMMINA DIRITTA BSPP SEDE PIANA
 FEMELLE DROIT BSPP FACE PLATE
 DKR-F FLACHDICHTEND (BSPP-GEWINDE)
 HEMBRA RECTA BSPP ASIEN TO PLANO



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
FDGSP0404	-4	1/4"	6.4	1/4"	19	19	14	450	6526
FDGSP0406	-4	1/4"	6.4	3/8"	19	22	15	450	6526
FDGSP0506	-5	5/16"	7.9	3/8"	19	22	15	350	5076
FDGSP0606	-6	3/8"	9.5	3/8"	19	22	16	450	6526
FDGSP0608	-6	3/8"	9.5	1/2"	14	27	17	450	6526
FDGSP0808	-8	1/2"	12.8	1/2"	14	27	17	415	6019
FDGSP0810	-8	1/2"	12.8	5/8"	14	28	17	415	6019
FDGSP0812	-8	1/2"	12.8	3/4"	14	32	19	415	6019
FDGSP1010	-10	5/8"	16	5/8"	14	28	17	350	5076
FDGSP1012	-10	5/8"	16	3/4"	14	32	20	350	5076
FDGSP1212	-12	3/4"	19	3/4"	14	32	21	350	5076
FDGSP1216	-12	3/4"	19	1"	11	38	22	350	5076
FDGSP1616	-16	1"	25.4	1"	11	38	23	280	4061
FDGSP2020	-20	1.1/4"	31.8	1.1/4"	11	50	26	210	3046

NPTF MALE (1)

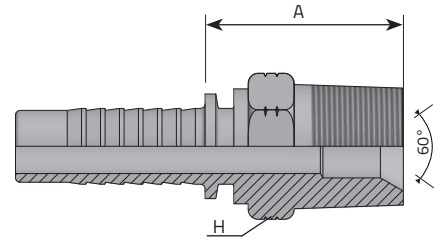
MASCHIO NPTF SV 60°
 MÂLE NPTF CÔNE 60°
 AGN 60° INNENKONUS (NPTF)
 MACHO NPTF CONO 60°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MNPT0302	-3	3/16"	4.8	1/8"	27	12	22	350	5076
MNPT0304	-3	3/16"	4.8	1/4"	18	15	22	415	6019
MNPT0402	-4	1/4"	6.4	1/8"	27	12	22.5	350	5076
MNPT0404	-4	1/4"	6.4	1/4"	18	15	27	450	6526
MNPT0406	-4	1/4"	6.4	3/8"	18	19	28	450	6526
MNPT0408	-4	1/4"	6.4	1/2"	14	22	34	350	5076
MNPT0504	-5	5/16"	7.9	1/4"	18	15	27	350	5076
MNPT0506	-5	5/16"	7.9	3/8"	18	19	28	350	5076
MNPT0508	-5	5/16"	7.9	1/2"	14	22	28	415	6019
MNPT0604	-6	3/8"	9.5	1/4"	18	15	28	350	5076
MNPT0606	-6	3/8"	9.5	3/8"	18	19	28	450	6526
MNPT0608	-6	3/8"	9.5	1/2"	14	22	34	415	6019
MNPT0806	-8	1/2"	12.8	3/8"	18	19	28	415	6019
MNPT0808	-8	1/2"	12.8	1/2"	14	22	34.5	415	6019
MNPT0812	-8	1/2"	12.8	3/4"	14	27	34.5	415	6019
MNPT1008	-10	5/8"	16	1/2"	14	24	34.5	350	5076
MNPT1012	-10	5/8"	16	3/4"	14	27	36.5	350	5076
MNPT1212	-12	3/4"	19	3/4"	14	27	37	350	5076
MNPT1216	-12	3/4"	19	1"	11.5	36	45	280	4061

NPTF MALE (2)

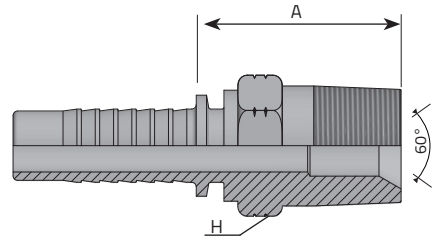
MASCHIO NPTF SV 60°
 MÂLE NPTF CÔNE 60°
 AGN 60° INNENKONUS (NPTF)
 MACHO NPTF CONO 60°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
MNPT1612	-16	1"	25.4	3/4"	14	32	38	280	4061
MNPT1616	-16	1"	25.4	1"	11.5	36	46	280	4061
MNPT1620	-16	1"	25.4	1.1/4"	11.5	46	45.5	210	3046
MNPT2020	-20	1.1/4"	31.8	1.1/4"	11.5	46	46	210	3046
MNPT2024	-20	1.1/4"	31.8	1.1/2"	11.5	50	47	185	2683
MNPT2424	-24	1.1/2"	38.1	1.1/2"	11.5	50	47.3	185	2683
MNPT3232	-32	2"	50.8	2"	11.5	65	57	165	2393

NPTF MALE - LONG NOSE

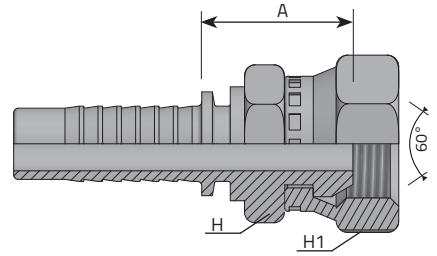
MASCHIO NPTF SV 60°
 MÂLE NPTF CÔNE 60°
 AGN 60° INNENKONUS (NPTF)
 MACHO NPTF CONO 60°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
MNPT0404LN	-4	1/4"	6.4	1/4"	18	15	37	450	6526
MNPT0406LN	-4	1/4"	6.4	3/8"	18	19	38	450	6526
MNPT0604LN	-6	3/8"	9.5	1/4"	18	15	38	450	6526
MNPT0606LN	-6	3/8"	9.5	3/8"	18	19	38	450	6526

NPSM FEMALE

FEMMINA NPSM
 FEMELLE DROIT NPSM
 DKR-F FLACHDICHTEND (NPSM-GEWINDE)
 HEMBRA RECTA NPSM

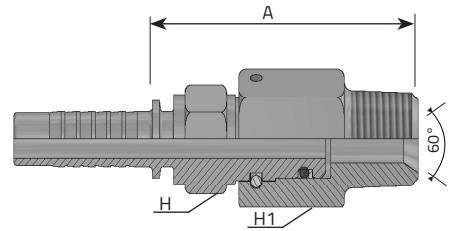


Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
FNPSM0404	-4	1/4"	6.4	1/4"	18	19	19	24	345	5000
FNPSM0606	-6	3/8"	9.5	3/8"	18	22	22	26.5	276	4000
FNPSM0808	-8	1/2"	12.8	1/2"	14	22	27	29	241	3500
FNPSM1212	-12	3/4"	19	3/4"	14	27	32	37	155	2250
FNPSM1616	-16	1"	25.4	1"	11.5	32	38	40.5	138	2000
FNPSM2020	-20	1.1/4"	31.8	1.1/4"	11.5	41	50	43	112	1625

NPTF SWIVEL MALE

MASCHIO NPTF GIREVOLE SV 60°
 MÂLE NPTF CÔNE 60°
 AGN 60° INNENKONUS (NPTF-GEWINDE)
 MACHO NPTF GIRATORIO CONO 60°

* NOT TO BE USED AS A LIVE SWIVEL
 DA NON USARE COME APPLICAZIONE ROTANTE
 NE PAS UTILISER COMME APPLICATION ROTATIVE
 NICHT ZU BENUTZEN ALS DREHVERSCHRAUBUNG
 NO USAR COMO UNA PIEZA GIRATORIA VIVA

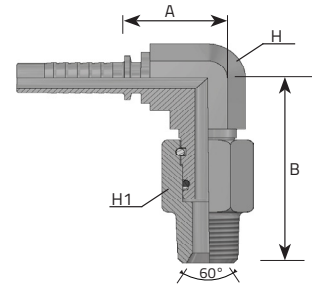


Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
* MNPTF0404SW	-4	1/4"	6.4	1/4"	18	14	17	53	350	5076
* MNPTF0406SW	-4	1/4"	6.4	3/8"	18	17	22	58,4	350	5076
* MNPTF0604SW	-6	3/8"	9.5	1/4"	18	17	17	56	350	5076
* MNPTF0606SW	-6	3/8"	9.5	3/8"	18	17	22	58,4	350	5076
* MNPTF0608SW	-6	3/8"	9.5	1/2"	14	22	27	63	350	5076
* MNPTF0806SW	-8	1/2"	12.8	3/8"	18	22	22	59,4	350	5076
* MNPTF0808SW	-8	1/2"	12.8	1/2"	14	22	27	63,5	350	5076
* MNPTF0812SW	-8	1/2"	12.8	3/4"	14	27	32	71,5	280	4061
* MNPTF1212SW	-12	3/4"	19	3/4"	14	32	32	72	280	4061
* MNPTF1616SW	-16	1"	25.4	1"	11.5	38	38	79,4	200	2901

NPTF SWIVEL MALE 90° ELBOW (COMPACT FORGED)

MASCHIO 90° NPTF GIREVOLE SV 60° COMPATTA
 MÂLE 90° NPTF COMPACTE CÔNE 60°
 AGN 90° KOMPAKT 60° INNENKONUS (NPTF-GEWINDE)
 MACHO NPTF GIRATORIO A 90° CONO 60° COMPACTA

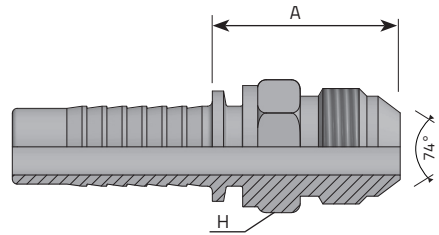
* NOT TO BE USED AS A LIVE SWIVEL
 DA NON USARE COME APPLICAZIONE ROTANTE
 NE PAS UTILISER COMME APPLICATION ROTATIVE
 NICHT ZU BENUTZEN ALS DREHVERSCHRAUBUNG
 NO USAR COMO UNA PIEZA GIRATORIA VIVA



	Code	Tube				Thread		Dimensions				Pressure	
		D.N.	Hose	Diam	T	t/1"	H	H1	B	A	Bar	Psi	
		Inch	mm	Inch	mm	mm	mm	mm	mm	mm	mm	mm	
*	M90NPTF0404SW	-4	1/4"	6.4	1/4"	18	22	17	56	23	350	5076	
*	M90NPTF0406SW	-4	1/4"	6.4	3/8"	18	22	22	58,4	23	350	5076	
*	M90NPTF0604SW	-6	3/8"	9.5	1/4"	18	22	17	56	23	350	5076	
*	M90NPTF0606SW	-6	3/8"	9.5	3/8"	18	22	22	58,4	23	350	5076	
*	M90NPTF0608SW	-6	3/8"	9.5	1/2"	14	22	22	62,3	23	350	5076	
*	M90NPTF0806SW	-8	1/2"	12.8	3/8"	18	22	27	58,4	23,5	350	5076	
*	M90NPTF0808SW	-8	1/2"	12.8	1/2"	14	22	27	62,3	23,5	350	5076	
*	M90NPTF0812SW	-8	1/2"	12.8	3/4"	14	27	32	72	25	280	4061	
*	M90NPTF1212SW	-12	3/4"	19	3/4"	14	27	32	72	25	280	4061	
*	M90NPTF1616SW	-16	1"	25.4	1"	11.5	33	38	77,9	32,5	200	2901	

JIC 37° MALE (1)

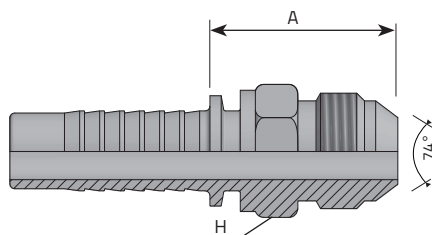
MASCHIO JIC SV 37°
 MÂLE JIC CÔNE 37°
 AGJ 37° JIC AUSSENKONUS (UNF – GEWINDE)
 MACHO JIC CONO 37°(E)



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MJ0304	-3	3/16"	4.8	7/16"	20	12	27	415	6019
MJ0305	-3	3/16"	4.8	1/2"	20	14	27	415	6019
MJ0404	-4	1/4"	6.4	7/16"	20	12	27	450	6526
MJ0405	-4	1/4"	6.4	1/2"	20	14	27	450	6526
MJ0406	-4	1/4"	6.4	9/16"	18	15	28	450	6526
MJ0505	-5	5/16"	7.9	1/2"	20	14	27	350	5076
MJ0506	-5	5/16"	7.9	9/16"	18	15	28	350	5076
MJ0507	-5	5/16"	7.9	5/8"	18	17	29.5	-	-
MJ0508	-5	5/16"	7.9	3/4"	16	19	29.5	350	5076
MJ0606	-6	3/8"	9.5	9/16"	18	15	28	450	6526
MJ0607	-6	3/8"	9.5	5/8"	18	17	29.5	-	-
MJ0608	-6	3/8"	9.5	3/4"	16	19	30.5	415	6019
MJ0610	-6	3/8"	9.5	7/8"	14	24	34.5	350	5076
MJ0808	-8	1/2"	12.8	3/4"	16	19	31	415	6019
MJ0810	-8	1/2"	12.8	7/8"	14	24	35	350	5076
MJ0812	-8	1/2"	12.8	1.1/16"	12	27	39.5	350	5076
MJ1010	-10	5/8"	16	7/8"	14	24	35	350	5076

JIC 37° MALE (2)

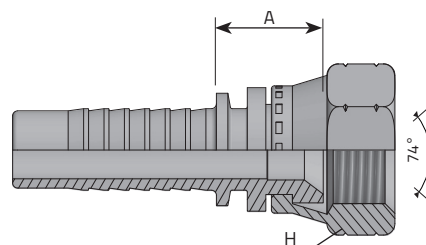
MASCHIO JIC SV 37°
 MÂLE JIC CÔNE 37°
 AGJ 37° JIC AUSSENKONUS (UNF – GEWINDE)
 MACHO JIC CONO 37°(E)



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
MJ1012	16	5/8"	10	1.1/16"	12	27	39.5	350	5076
MJ1210	20	3/4"	12	7/8"	14	27	37	350	5076
MJ1212	20	3/4"	12	1.1/16"	12	27	40.5	350	5076
MJ1214	20	3/4"	12	1.3/16"	12	32	41.5	280	4061
MJ1216	20	3/4"	12	1.5/16"	12	34	41.5	280	4061
MJ1612	25	1"	16	1.1/16"	12	32	41.5	280	4061
MJ1616	25	1"	16	1.5/16"	12	34	42.5	280	4061
MJ1620	25	1"	16	1.5/8"	12	42	45	280	4061
MJ2020	32	1.1/4"	20	1.5/8"	12	42	45.5	210	3046
MJ2024	32	1.1/4"	20	1.7/8"	12	50	52.5	140	2030
MJ2424	40	1.1/2"	24	1.7/8"	12	50	52.5	140	2030
MJ3232	50	2"	32	2.1/2"	12	65	62	105	1523

JIC 37° FEMALE (1)

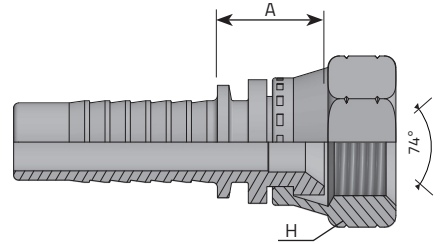
FEMMINA DIRITTA JIC SV 37°
 FEMELLE DROIT JIC CÔNE 37°
 DKJ 37° JIC DICHTKOPF (UNF – GEWINDE)
 HEMBRA GIRATORIA JIC CONO 37°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
FDJ0304	-3	3/16"	4.8	7/16"	20	15	15	350	5076
FDJ0305	-3	3/16"	4.8	1/2"	20	17	15	350	5076
FDJ0404	-4	1/4"	6.4	7/16"	20	15	15	350	5076
FDJ0405	-4	1/4"	6.4	1/2"	20	17	16	350	5076
FDJ0406	-4	1/4"	6.4	9/16"	18	19	16	250	3626
FDJ0505	-5	5/16"	7.9	1/2"	20	17	16	350	5076
FDJ0506	-5	5/16"	7.9	9/16"	18	19	16	250	3626
FDJ0507	-5	5/16"	7.9	5/8"	18	22	17	-	-
FDJ0508	-5	5/16"	7.9	3/4"	16	24	17	250	3626
FDJ0606	-6	3/8"	9.5	9/16"	18	19	16.5	250	3626
FDJ0607	-6	3/8"	9.5	5/8"	18	22	17	-	-
FDJ0608	-6	3/8"	9.5	3/4"	16	24	17	250	3626
FDJ0610	-6	3/8"	9.5	7/8"	14	27	18.5	200	2901
FDJ0808	-8	1/2"	12.8	3/4"	16	24	18	250	3626
FDJ0810	-8	1/2"	12.8	7/8"	14	27	19	200	2901
FDJ0812	-8	1/2"	12.8	1.1/16"	12	32	22	200	2901
FDJ1010	-10	5/8"	16	7/8"	14	27	19.5	200	2901

JIC 37° FEMALE (2)

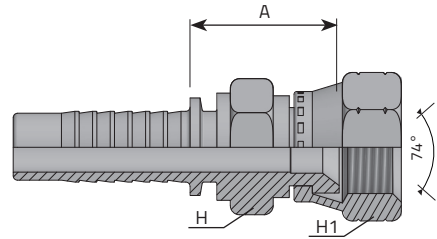
FEMMINA DIRITTA JIC SV 37°
 FEMELLE DROIT JIC CÔNE 37°
 DKJ 37° JIC DICHTKOPF (UNF – GEWINDE)
 HEMBRA GIRATORIA JIC CONO37°



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch			mm	mm		
FDJ1012	-10	5/8"	16	1.1/16"	12	32	22.5	200	2901
FDJ1210	-12	3/4"	19	7/8"	14	27	20	200	2901
FDJ1212	-12	3/4"	19	1.1/16"	12	32	23	200	2901
FDJ1214	-12	3/4"	19	1.3/16"	12	36	23	160	2320
FDJ1216	-12	3/4"	19	1.5/16"	12	41	23	160	2320
FDJ1612	-16	1"	25.4	1.1/16"	12	32	24	200	2901
FDJ1616	-16	1"	25.4	1.5/16"	12	41	24.5	160	2320
FDJ1620	-16	1"	25.4	1.5/8"	12	50	28.5	125	1813
FDJ2020	-20	1.1/4"	31.8	1.5/8"	12	50	29	125	1813
FDJ2024	-20	1.1/4"	31.8	1.7/8"	12	55	31	100	1450
FDJ2424	-24	1.1/2"	38.1	1.7/8"	12	55	31	100	1450

JIC 37° FEMALE (DOUBLE HEXAGON) (1)

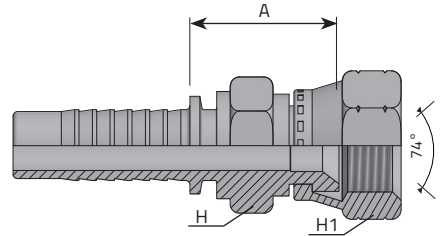
FEMMINA DIRITTA JIC SV 74° DOPPIO ESAGONO
 FEMELLE DROIT JIC CÔNE 74° - DOUBLE HEXAGON
 DKJ 74° KONUS MIT KONTERSECHSKANT
 HEMBRA GIRATORIA JIC CONO74° DOBLE HEXAGONO



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
FDJ0404GIR	-4	1/4"	6.4	7/16"	20	14	15	23.5	350	5076
FDJ0405GIR	-4	1/4"	6.4	1/2"	20	14	17	24	350	5076
FDJ0406GIR	-4	1/4"	6.4	9/16"	18	17	19	25.7	250	3626
FDJ0505GIR	-5	5/16"	7.9	1/2"	20	-	-	-	-	-
FDJ0506GIR	-5	5/16"	7.9	9/16"	18	17	19	25.2	250	3626
FDJ0605GIR	-6	3/8"	9.5	1/2"	20	17	17	22.5	-	-
FDJ0606GIR	-6	3/8"	9.5	9/16"	18	17	19	25.2	250	3626
FDJ0608GIR	-6	3/8"	9.5	3/4"	16	19	24	27.3	250	3626
FDJ0610GIR	-6	3/8"	9.5	7/8"	14	22	27	28.5	-	-
FDJ0612GIR	-6	3/8"	9.5	1.1/16"	12	27	32	33.5	-	-
FDJ0806GIR	-8	1/2"	12.8	9/16"	18	22	19	26.7	-	-
FDJ0808GIR	-8	1/2"	12.8	3/4"	16	22	24	27.8	250	3626
FDJ0810GIR	-8	1/2"	12.8	7/8"	14	22	27	29.5	200	2900
FDJ0812GIR	-8	1/2"	12.8	1.1/16"	12	27	32	34	-	-
FDJ0816GIR	-8	1/2"	12.8	1.5/16"	12	32	41	36	-	-
FDJ1010GIR	-10	5/8"	16	7/8"	14	24	27	29.5	200	2900
FDJ1012GIR	-10	5/8"	16	1.1/16"	12	27	32	34	-	-
FDJ1014GIR	-10	5/8"	16	1.3/16"	12	30	36	34.5	200	2900

JIC 37° FEMALE (DOUBLE HEXAGON) (2)

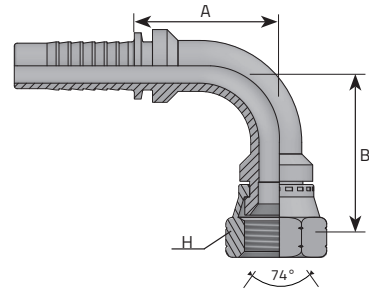
FEMMINA DIRITTA JIC SV 74° DOPPIO ESAGONO
 FEMELLE DROIT JIC CÔNE 74° - DOUBLE HEXAGON
 DKJ 74° KONUS MIT KONTERSECHSKANT
 HEMBRA GIRATORIA JIC CONO74° DOBLE HEXAGONO



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
FDJ1210GIR	-12	3/4"	19	7/8"	14	27	27	32	-	-
FDJ1212GIR	-12	3/4"	19	1.1/16"	12	27	32	35	200	2900
FDJ1214GIR	-12	3/4"	19	1.3/16"	12	30	36	33	-	-
FDJ1216GIR	-12	3/4"	19	1.5/16"	12	32	41	36	-	-
FDJ1612GIR	-16	1"	25.4	1.1/16"	12	32	32	36	-	-
FDJ1614GIR	-16	1"	25.4	1.3/16"	12	32	36	36.1	-	-
FDJ1616GIR	-16	1"	25.4	1.5/16"	12	32	41	36	160	2320
FDJ1620GIR	-16	1"	25.4	1.5/8"	12	41	51	41.5	-	-
FDJ2020GIR	-20	1.1/4"	31.8	1.5/8"	12	41	50	42.5	-	-

JIC 37° FEMALE - 90° ELBOW (1)

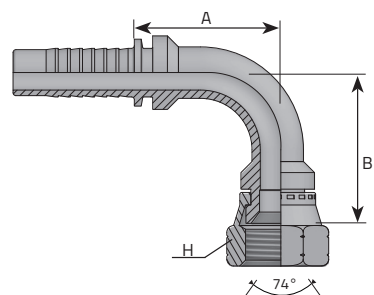
FEMMINA 90° JIC SV 37°
 FEMELLE 90° JIC CÔNE 37°
 DKJ 90° BOGEN 37° JIC DICHTKOPF (UNF)
 HEMBRA GIRATORIA A 90° JIC CONO 37°



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
		Inch	mm	Inch		mm	mm	mm		
F90J0304	-3	3/16"	4.8	7/16"	20	15	26	23	350	5076
F90J0305	-3	3/16"	4.8	1/2"	20	17	27	23	350	5076
F90J0404	-4	1/4"	6.4	7/16"	20	15	26	23	350	5076
F90J0405	-4	1/4"	6.4	1/2"	20	17	27	23	350	5076
F90J0406	-4	1/4"	6.4	9/16"	18	19	27	23	250	3626
F90J0505	-5	5/16"	7.9	1/2"	20	17	32	31.5	350	5076
F90J0506	-5	5/16"	7.9	9/16"	18	19	32	31.5	250	3626
F90J0507	-5	5/16"	7.9	5/8"	18	22	32.5	31.5	-	-
F90J0508	-5	5/16"	7.9	3/4"	16	24	32.5	31.5	250	3626
F90J0606	-6	3/8"	9.5	9/16"	18	19	35	33	250	3626
F90J0607	-6	3/8"	9.5	5/8"	18	22	35.5	33	-	-
F90J0608	-6	3/8"	9.5	3/4"	16	24	36.5	33	250	3626
F90J0610	-6	3/8"	9.5	7/8"	14	27	39.5	33	200	2901
F90J0808	-8	1/2"	12.8	3/4"	16	24	41	39	250	3626
F90J0810	-8	1/2"	12.8	7/8"	14	27	42.5	39	200	2901
F90J0812	-8	1/2"	12.8	1.1/16"	12	32	50	39	200	2901
F90J1010	-10	5/8"	16	7/8"	14	27	50	49	200	2901

JIC 37° FEMALE - 90° ELBOW (2)

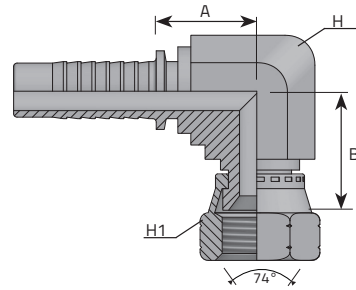
FEMMINA 90° JIC SV 37°
 FEMELLE 90° JIC CÔNE 37°
 DKJ 90° BOGEN 37° JIC DICHTKOPF (UNF)
 HEMBRA GIRATORIA A 90° JIC CONO 37°



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F90J1012	-10	5/8"	16	1.1/16"	12	32	55	49	200	2901
F90J1210	-12	3/4"	19	7/8"	14	27	58	53.5	200	2901
F90J1212	-12	3/4"	19	1.1/16"	12	32	58	53.5	200	2901
F90J1214	-12	3/4"	19	1.3/16"	12	36	61	53.5	160	2320
F90J1216	-12	3/4"	19	1.5/16"	12	41	62.5	53.5	160	2320
F90J1612	-16	1"	25.4	1.1/16"	12	32	80	69	200	2901
F90J1616	-16	1"	25.4	1.5/16"	12	41	69.5	73	160	2320
F90J1620	-16	1"	25.4	1.5/8"	12	50	78.5	73	125	1813
F90J2020	-20	1.1/4"	31.8	1.5/8"	12	50	91.5	89	125	1813
F90J2024	-20	1.1/4"	31.8	1.7/8"	12	55	99	89	100	1450
F90J2424	-24	1.1/2"	38.1	1.7/8"	12	55	112.5	101	100	1450

JIC 37° FEMALE 90° ELBOW (COMPACT FORGED)

FEMMINA 90° JIC SV74°COMPATTA
 FEMELLE 90° JIC COMPACTE CÔNE 60°
 DKJ 90° KOMPAKT
 HEMBRA GIRATORIA A 90° JIC COMPACTA

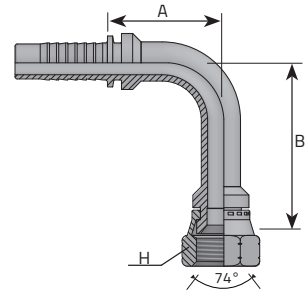


* : thrust wire nut / dado spinato / écrou à jonc / gestiftete Überwurf mutter / tuerca con seguro

Code	Tube		Thread		Dimensions					Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm	mm		
F90J0404K	-4	1/4"	6.4	7/16"	20	14	15	21.5	19	350	5076
F90J0406K	-4	1/4"	6.4	9/16"	18	14	19	23	19	250	3626
F90J0606K	-6	3/8"	9.5	9/16"	18	19	19	25	22	250	3626
F90J0608K	-6	3/8"	9.5	3/4"	16	19	24	28	22.5	250	3626
F90J0808K	-8	1/2"	12.8	3/4"	16	22	24	28	24	250	3626
* F90J1212K	-12	3/4"	19	1.1/16"	12	27	32	36	25	200	2901
* F90J1616K	-16	1"	25.4	1.5/16"	12	33	41	41.5	32.5	160	2320

JIC 37° FEMALE - 90° ELBOW (LONG DROP)

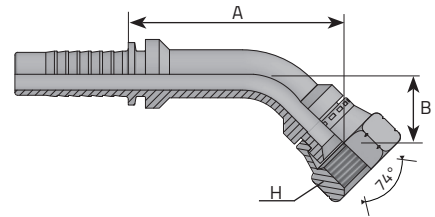
FEMMINA 90° JIC SV 37° LONG DROP
 FEMELLE 90° JIC CÔNE 37°
 DKJ 90° BOGEN 37° JIC DICHTKOPF (UNF)
 HEMBRA GIRATORIA A 90° JIC CONO 37° (LONG DROP)



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F90J0404LD	-4	1/4"	6.4	7/16"	20	17	45	28.5	350	5076
F90J0405LD	-4	1/4"	6.4	1/2"	20	17	45	28.5	350	5076
F90J0406LD	-4	1/4"	6.4	9/16"	18	19	55.5	29.5	250	3626
F90J0606LD	-6	3/8"	9.5	9/16"	18	19	55	35.5	250	3626
F90J0608LD	-6	3/8"	9.5	3/4"	16	22	61.5	36.5	250	3626
F90J0808LD	-8	1/2"	12.8	3/4"	16	22	62.5	40.5	250	3626
F90J0810LD	-8	1/2"	12.8	7/8"	14	27	65	45	200	2901
F90J1010LD	-10	5/8"	16	7/8"	14	27	65.5	53.5	200	2901
F90J1212LD	-12	3/4"	19	1.1/16"	12	32	94.5	62	200	2901
F90J1616LD	-16	1"	25.4	1.5/16"	12	38	110	77	160	2320

JIC 37° FEMALE - 45° ELBOW (1)

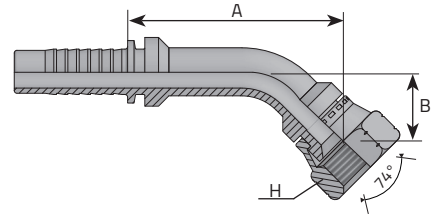
FEMMINA 45° JIC SV 37°
 FEMELLE 45° JIC CÔNE 37°
 DKJ 45° BOGEN 37° JIC DICHTKOPF (UNF)
 HEMBRA GIRATORIA A 45° JIC CONO 37°



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F45J0304	-3	3/16"	4.8	7/16"	20	15	15	38	350	5076
F45J0305	-3	3/16"	4.8	1/2"	20	17	17	40	350	5076
F45J0404	-4	1/4"	6.4	7/16"	20	15	15	38	350	5076
F45J0405	-4	1/4"	6.4	1/2"	20	17	17	40	350	5076
F45J0406	-4	1/4"	6.4	9/16"	18	19	16.5	39.5	250	3626
F45J0505	-5	5/16"	7.9	1/2"	20	17	17	40	350	5076
F45J0506	-5	5/16"	7.9	9/16"	18	19	18.5	49.5	250	3626
F45J0507	-5	5/16"	7.9	5/8"	18	22	19	50	-	-
F45J0508	-5	5/16"	7.9	3/4"	16	24	19.5	50.5	250	3626
F45J0606	-6	3/8"	9.5	9/16"	18	19	18	53	250	3626
F45J0607	-6	3/8"	9.5	5/8"	18	22	19	54	-	-
F45J0608	-6	3/8"	9.5	3/4"	16	24	19	54	250	3626
F45J0610	-6	3/8"	9.5	7/8"	14	27	21	56	200	2901
F45J0808	-8	1/2"	12.8	3/4"	16	24	20	62	200	2901
F45J0810	-8	1/2"	12.8	7/8"	14	27	21	63	200	2901
F45J0812	-8	1/2"	12.8	1.1/16"	12	32	22	64	200	2901
F45J1010	-10	5/8"	16	7/8"	14	27	22	60	200	2901

JIC 37° FEMALE - 45° ELBOW (2)

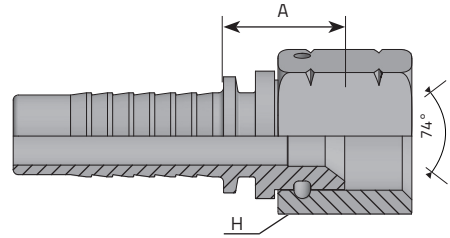
FEMMINA 45° JIC SV 37°
 FEMELLE 45° JIC CÔNE 37°
 DKJ 45° BOGEN 37° JIC DICHTKOPF (UNF)
 HEMBRA GIRATORIA A 45° JIC CONO 37°



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F45J1012	-10	5/8"	16	1.1/16"	12	32	25	63	200	2901
F45J1210	-12	3/4"	19	7/8"	14	27	29	62	200	2901
F45J1212	-12	3/4"	19	1.1/16"	12	32	29	62	200	2901
F45J1214	-12	3/4"	19	1.3/16"	12	36	29	63	160	2320
F45J1216	-12	3/4"	19	1.5/16"	12	41	29	63	160	2320
F45J1612	-16	1"	25.4	1.1/16"	12	32	39.5	100	200	2901
F45J1616	-16	1"	25.4	1.5/16"	12	41	39.5	88.5	160	2320
F45J1620	-16	1"	25.4	1.5/8"	12	50	38.5	89.5	125	1813
F45J2020	-20	1.1/4"	31.8	1.5/8"	12	50	44	101	125	1813
F45J2024	-20	1.1/4"	31.8	1.7/8"	12	55	45	103	100	1450
F45J2424	-24	1.1/2"	38.1	1.7/8"	12	55	45	118	100	1450

JIC 37° FEMALE - THRUST WIRE NUT (1)

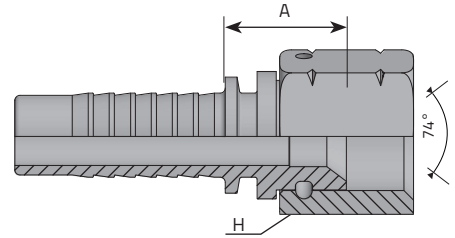
FEMMINA DIRITTA JIC SV 37° DADO SPINATO
 FEMELLE DROIT JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 37° JIC DICHTKOPF (UNF-GEWINDE) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA JIC CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
FDJ0304SP	-3	3/16"	4.8	7/16"	20	17	15	350	5076
FDJ0305SP	-3	3/16"	4.8	1/2"	20	17	15	350	5076
FDJ0404SP	-4	1/4"	6.4	7/16"	20	17	15	350	5076
FDJ0405SP	-4	1/4"	6.4	1/2"	20	17	16	350	5076
FDJ0406SP	-4	1/4"	6.4	9/16"	18	19	16	250	3626
FDJ0505SP	-5	5/16"	7.9	1/2"	20	17	16	350	5076
FDJ0506SP	-5	5/16"	7.9	9/16"	18	19	16	250	3626
FDJ0508SP	-5	5/16"	7.9	3/4"	16	24	17	250	3626
FDJ0606SP	-6	3/8"	9.5	9/16"	18	19	16.5	250	3626
FDJ0608SP	-6	3/8"	9.5	3/4"	16	24	17	250	3626
FDJ0610SP	-6	3/8"	9.5	7/8"	14	27	18.5	200	2901
FDJ0808SP	-8	1/2"	12.8	3/4"	16	24	18	250	3626
FDJ0810SP	-8	1/2"	12.8	7/8"	14	27	19	200	2901
FDJ0812SP	-8	1/2"	12.8	1.1/16"	12	32	22	200	2901
FDJ1010SP	-10	5/8"	16	7/8"	14	27	19.5	200	2901
FDJ1012SP	-10	5/8"	16	1.1/16"	12	32	22.5	200	2901

JIC 37° FEMALE - THRUST WIRE NUT (2)

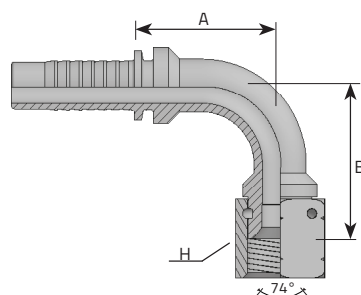
FEMMINA DIRITTA JIC SV 37° DADO SPINATO
 FEMELLE DROIT JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 37° JIC DICHTKOPF (UNF-GEWINDE) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA JIC CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
FDJ1210SP	-12	3/4"	19	7/8"	14	27	20	200	2901
FDJ1212SP	-12	3/4"	19	1.1/16"	12	32	23	200	2901
FDJ1216SP	-12	3/4"	19	1.5/16"	12	41	23	160	2320
FDJ1612SP	-16	1"	25.4	1.1/16"	12	32	24	200	2901
FDJ1616SP	-16	1"	25.4	1.5/16"	12	41	24.5	160	2320
FDJ1620SP	-16	1"	25.4	1.5/8"	12	50	28.5	125	1813
FDJ2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	29	125	1813
FDJ2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	31	100	1450
FDJ2424SP	-24	1.1/2"	38.1	1.7/8"	12	55	31	100	1450
FDJ2432SP	-24	1.1/2"	38.1	2.1/2"	12	70	31.5	80	1160
FDJ3232SP	-32	2"	50.8	2.1/2"	12	70	33	80	1160

JIC 37° FEMALE -90° ELBOW - THRUST WIRE NUT (1)

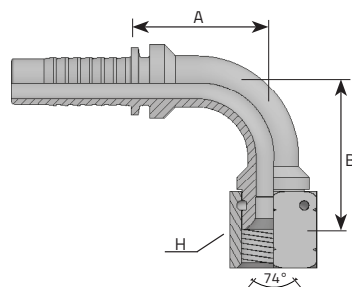
FEMMINA 90° JIC SV 37° CON DADO SPINATO
 FEMELLE 90° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 90° BOGEN 37° JIC DICHTKOPF (UNF) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA JIC CODO 90° CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F9J0304SP	-3	3/16"	4.8	7/16"	20	17	26	23	350	5076
F9J0305SP	-3	3/16"	4.8	1/2"	20	17	27	23	350	5076
F9J0404SP	-4	1/4"	6.4	7/16"	20	17	26	23	350	5076
F9J0405SP	-4	1/4"	6.4	1/2"	20	17	27	23	350	5076
F9J0406SP	-4	1/4"	6.4	9/16"	18	19	27	23	250	3626
F9J0505SP	-5	5/16"	7.9	1/2"	20	17	32	31.5	350	5076
F9J0506SP	-5	5/16"	7.9	9/16"	18	19	32	31.5	250	3626
F9J0508SP	-5	5/16"	7.9	3/4"	16	24	32.5	31.5	250	3626
F9J0606SP	-6	3/8"	9.5	9/16"	18	19	35	33	250	3626
F9J0608SP	-6	3/8"	9.5	3/4"	16	24	36.5	33	250	3626
F9J0610SP	-6	3/8"	9.5	7/8"	14	27	39.5	33	200	2901
F9J0808SP	-8	1/2"	12.8	3/4"	16	24	41	39	250	3626
F9J0810SP	-8	1/2"	12.8	7/8"	14	27	42.5	39	200	2901
F9J0812SP	-8	1/2"	12.8	1.1/16"	12	32	50	39	200	2901
F9J1010SP	-10	5/8"	16	7/8"	14	27	50	49	200	2901
F9J1012SP	-10	5/8"	16	1.1/16"	12	32	55	49	200	2901

JIC 37° FEMALE - 90° ELBOW - THRUST WIRE NUT (2)

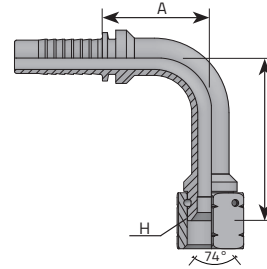
FEMMINA 90° JIC SV 37° CON DADO SPINATO
 FEMELLE 90° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 90° BOGEN 37° JIC DICHTKOPF (UNF) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA JIC CODO 90° CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F90J1210SP	-12	3/4"	19	7/8"	14	27	58	53.5	200	2901
F90J1212SP	-12	3/4"	19	1.1/16"	12	32	58	53.5	200	2901
F90J1216SP	-12	3/4"	19	1.5/16"	12	41	62.5	53.5	160	2320
F90J1612SP	-16	1"	25.4	1.1/16"	12	32	80	69	200	2901
F90J1616SP	-16	1"	25.4	1.5/16"	12	41	69.5	73	160	2320
F90J1620SP	-16	1"	25.4	1.5/8"	12	50	78.5	73	125	1813
F90J2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	91.5	89	125	1813
F90J2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	99	89	100	1450
F90J2424SP	-24	1.1/2"	38.1	1.7/8"	12	55	112.5	101	100	1450
F90J2432SP	-24	1.1/2"	38.1	2.1/2"	12	70	115.5	101	80	1160
F90J3232SP	-32	2"	50.8	2.1/2"	12	70	136	135	80	1160

JIC 37° FEMALE- 90° ELBOW LONG DROP - THRUST WIRE NUT

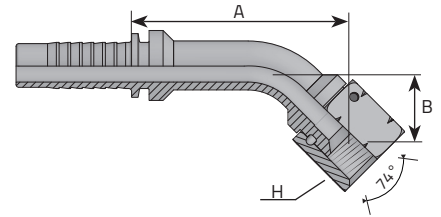
FEMMINA 90° JIC SV 37° CON DADO SPINATO LONG DROP
 FEMELLE 90° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 90° BOGEN 37° JIC DICHTKOPF(UNF)+GESTIFTETE ÜBERWURFMUTTER
 HEMBRA A 90° JIC CONO 37° (TUERCA CON SEGURO) LONG DROP



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F90J0404SPLD	-4	1/4"	6.4	7/16"	20	17	45	28.5	350	5076
F90J0405SPLD	-4	1/4"	6.4	1/2"	20	17	45	28.5	350	5076
F90J0406SPLD	-4	1/4"	6.4	9/16"	18	19	55.5	29.5	250	3626
F90J0606SPLD	-6	3/8"	9.5	9/16"	18	19	55	35.5	250	3626
F90J0608SPLD	-6	3/8"	9.5	3/4"	16	24	61.5	36.5	250	3626
F90J0808SPLD	-8	1/2"	12.8	3/4"	16	24	61.5	40.5	250	3626
F90J0810SPLD	-8	1/2"	12.8	7/8"	14	27	65	45	200	2901
F90J1010SPLD	-10	5/8"	16	7/8"	14	27	65.5	53.5	200	2901
F90J1212SPLD	-12	3/4"	19	1.1/16"	12	32	94.5	62	200	2901
F90J1616SPLD	-16	1"	25.4	1.5/16"	12	38	132	77	160	2320

JIC 37° FEMALE - 45° ELBOW - THRUST WIRE NUT (1)

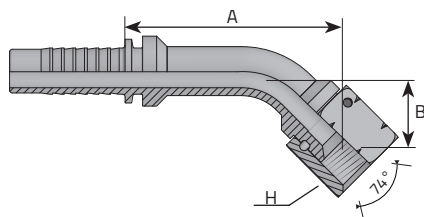
FEMMINA 45° JIC SV 37° CON DADO SPINATO
 FEMELLE 45° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 45° BOGEN 37° JIC DICHTKOPF (UNF)+GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA A 45° JIC CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45J0304SP	-3	3/16"	4.8	7/16"	20	17	15	38	350	5076
F45J0305SP	-3	3/16"	4.8	1/2"	20	17	17	40	350	5076
F45J0404SP	-4	1/4"	6.4	7/16"	20	17	15	38	350	5076
F45J0405SP	-4	1/4"	6.4	1/2"	20	17	17	40	350	5076
F45J0406SP	-4	1/4"	6.4	9/16"	18	19	16.5	39.5	250	3626
F45J0505SP	-5	5/16"	7.9	1/2"	20	17	17	40	350	5076
F45J0506SP	-5	5/16"	7.9	9/16"	18	19	18.5	49.5	250	3626
F45J0508SP	-5	5/16"	7.9	3/4"	16	24	19.5	50.5	250	3626
F45J0606SP	-6	3/8"	9.5	9/16"	18	19	18	53	250	3626
F45J0608SP	-6	3/8"	9.5	3/4"	16	24	19	54	250	3626
F45J0610SP	-6	3/8"	9.5	7/8"	14	27	21	56	200	2901
F45J0808SP	-8	1/2"	12.8	3/4"	16	24	20	62	200	2901
F45J0810SP	-8	1/2"	12.8	7/8"	14	27	21	63	200	2901
F45J0812SP	-8	1/2"	12.8	1.1/16"	12	32	22	64	200	2901
F45J1010SP	-10	5/8"	16	7/8"	14	27	22	60	200	2901
F45J1012SP	-10	5/8"	16	1.1/16"	12	32	25	63	200	2901

JIC 37° FEMALE - 45° ELBOW - THRUST WIRE NUT (2)

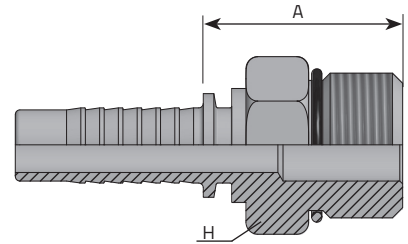
FEMMINA 45° JIC SV 37° CON DADO SPINATO
 FEMELLE 45° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 45° BOGEN 37° JIC DICHTKOPF (UNF)+GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA A 45° JIC CONO 37° (TUERCA CON SEGURO)



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45J1210SP	-12	3/4"	19	7/8"	14	27	29	62	200	2901
F45J1212SP	-12	3/4"	19	1.1/16"	12	32	29	62	200	2901
F45J1216SP	-12	3/4"	19	1.5/16"	12	41	29	63	160	2320
F45J1612SP	-16	1"	25.4	1.1/16"	12	32	39.5	100	200	2901
F45J1616SP	-16	1"	25.4	1.5/16"	12	41	39.5	88.5	160	2320
F45J1620SP	-16	1"	25.4	1.5/8"	12	50	38.5	89.5	125	1813
F45J2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	44	101	125	1813
F45J2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	45	103	100	1450
F45J2424SP	-24	1.1/2"	38.1	1.7/8"	12	55	45	118	100	1450
F45J2432SP	-24	1.1/2"	38.1	2.1/2"	12	70	45.5	121	80	1160
F45J3232SP	-32	2"	50.8	2.1/2"	12	70	65.5	156	80	1160

O-RING BOSS MALE

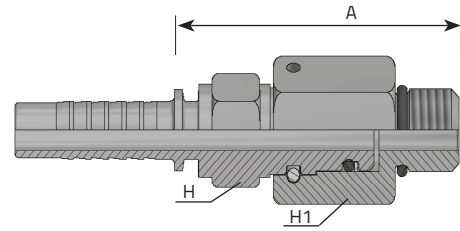
MASCHIO O-RING BOSS
 MÂLE O-RING BOSS
 SAE AUSSENGEWINDE O-RING BOSS
 MACHO FIJO O-RING BOSS (E)



Code	Tube			Thread		Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
		Inch	mm	Inch		mm	mm		
MOB0404	-4	1/4"	6.4	7/16"	20	14	23.5		
MOB0405	-4	1/4"	6.4	1/2"	20	17	25.5		
MOB0406	-4	1/4"	6.4	9/16"	18	17	28		
MOB0606	-6	3/8"	9.5	9/16"	18	17	28		
MOB0608	-6	3/8"	9.5	3/4"	16	22	30.5		
MOB0610	-6	3/8"	9.5	7/8"	14	27	34.5		
MOB0808	-8	1/2"	12.8	3/4"	16	22	31		
MOB0810	-8	1/2"	12.8	7/8"	14	27	35		
MOB0812	-8	1/2"	12.8	1.1/16"	12	32	39		
MOB1008	-10	5/8"	16	3/4"	16	24	31.5		
MOB1010	-10	5/8"	16	7/8"	14	27	35		
MOB1012	-10	5/8"	16	1.1/16"	12	32	39		
MOB1212	-12	3/4"	19	1.1/16"	12	32	39		
MOB1216	-12	3/4"	19	1.5/16"	12	38	41.5		
MOB1616	-16	1"	25.4	1.5/16"	12	38	43		
MOB1620	-16	1"	25.4	1.5/8"	12	46	44		
MOB2020	-20	1.1/4"	31.8	1.5/8"	12	46	44.5		

O-RING BOSS SWIVEL MALE

MASCHIO O-RING BOSS GIREVOLE
 MÂLE O-RING BOSS
 AGJO SAE O-RING DREHBAR
 MACHO O-RING BOSS GIRATORIO



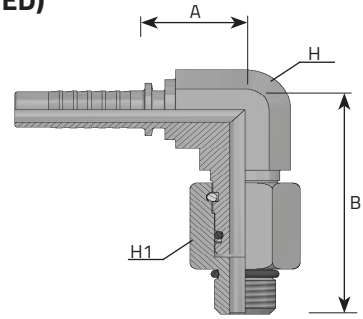
* NOT TO BE USED AS A LIVE SWIVEL
 DA NON USARE COME APPLICAZIONE ROTANTE
 NE PAS UTILISER COMME APPLICATION ROTATIVE
 NICHT ZU BENUTZEN ALS DREHVERSCHRAUBUNG
 NO USAR COMO UNA PIEZA GIRATORIA VIVA

Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
* MOB0404SW	-4	1/4"	6.4	7/16"	20	14	17	49	350	5076
* MOB0406SW	-4	1/4"	6.4	9/16"	18	17	22	51,4	350	5076
* MOB0604SW	-6	3/8"	9.5	7/16"	20	17	17	52	350	5076
* MOB0606SW	-6	3/8"	9.5	9/16"	18	17	22	54,4	350	5076
* MOB0608SW	-6	3/8"	9.5	3/4"	16	22	27	58	350	5076
* MOB0806SW	-8	1/2"	12.8	9/16"	18	22	22	55,4	350	5076
* MOB0808SW	-8	1/2"	12.8	3/4"	16	22	27	58,5	350	5076
* MOB0812SW	-8	1/2"	12.8	1.1/16"	12	27	32	62,8	280	4061
* MOB1212SW	-12	3/4"	19	1.1/16"	12	32	32	71,5	280	4061
* MOB1616SW	-16	1"	25.4	1.5/16"	12	38	38	74	200	2901

90° SAE SWIVEL MALE O-RING BOSS (COMPACT FORGED)

MASCHIO 90° O-RING BOSS GIREVOLE COMPATTA
 MÂLE 90° O-RING BOSS COMPACTE
 AGJO 90° KOMPAKT BOGEN DREHBAR MIT O-RING
 MACHO O-RING BOSS GIRATORIO A 90° COMPACTO

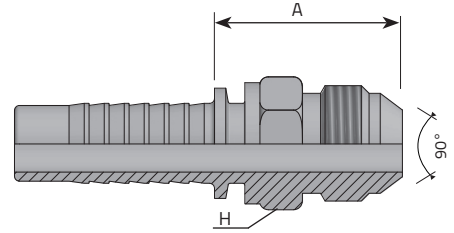
* NOT TO BE USED AS A LIVE SWIVEL
 DA NON USARE COME APPLICAZIONE ROTANTE
 NE PAS UTILISER COMME APPLICATION ROTATIVE
 NICHT ZU BENUTZEN ALS DREHVERSCHRAUBUNG
 NO USAR COMO UNA PIEZA GIRATORIA VIVA



	Code	Tube		Thread		Dimensions				Pressure		
		D.N.	Hose	Diam	T	t/1"	H	H1	B	A	Bar	Psi
		Inch	mm	Inch	mm	mm	mm	mm	mm	mm		
*	MOB900404SW	-4	1/4"	6.4	7/16"	20	22	17	52	23	350	5076
*	MOB900406SW	-4	1/4"	6.4	9/16"	18	22	22	54,4	23	350	5076
*	MOB900604SW	-6	3/8"	9.5	7/16"	20	22	17	52	23	350	5076
*	MOB900606SW	-6	3/8"	9.5	9/16"	18	22	22	54,4	23	350	5076
*	MOB900608SW	-6	3/8"	9.5	3/4"	16	22	27	57,5	23	350	5076
*	MOB900806SW	-8	1/2"	12.8	9/16"	18	22	22	54,4	23,5	350	5076
*	MOB900808SW	-8	1/2"	12.8	3/4"	16	22	27	57,5	23,5	350	5076
*	MOB900812SW	-8	1/2"	12.8	1.1/16"	12	27	32	71,5	23,5	280	4061
*	MOB901212SW	-12	3/4"	19	1.1/16"	12	27	32	71,5	25	280	4061
*	MOB901616SW	-16	1"	25.4	1.5/16"	12	33	38	72,5	32,5	200	2901

SAE 45° MALE

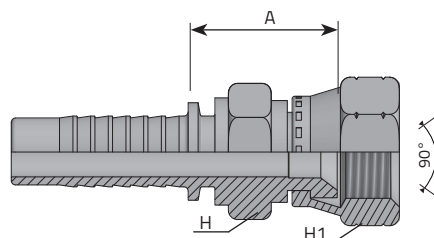
MASCHIO SAE CONO 45°
 MÂLE SAE CÔNE 45°
 SAE AUSSENGEWINDE 45° KONUS
 MAJO SAE 45°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
MJ0404SV45	-4	1/4"	6.4	7/16"	20	14	25.2	450	6526
MJ0405SV45	-4	1/4"	6.4	1/2"	20	14	-	450	6526
MJ0607SV45	-6	3/8"	9.5	5/8"	18	17	29	-	-
MJ0608SV45	-6	3/8"	9.5	3/4"	16	19	30.5	415	6018
MJ0808SV45	-8	1/2"	12.8	3/4"	16	19	31	415	6018
MJ0810SV45	-8	1/2"	12.8	7/8"	14	24	35	350	5076
MJ1212SV45	-12	3/4"	19	1.1/16"	12	30	40.5	350	5076

SAE 45° FEMALE (DOUBLE HEXAGON)

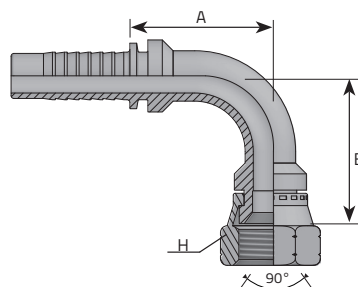
FEMMINA SAE DIRITTA CONO 45°
 FEMELLE DROIT SAE CÔNE 45°
 SAE DICHTKOPF 45° KONUS
 HEMBRA GIRATORIA RECTA SAE 45°



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
FDJ0404GIR45	-4	1/4"	6.4	7/16"	20	14	14	20.7	350	5076
FDJ0405GIR45	-4	1/4"	6.4	1/2"	20	14	17	21.4	350	5076
FDJ0607GIR45	-6	3/8"	9.5	5/8"	18	17	22	25.2	-	-
FDJ0608GIR45	-6	3/8"	9.5	3/4"	16	19	22	27.3	250	3626
FDJ0808GIR45	-8	1/2"	12.8	3/4"	16	19	22	27.8	250	3626
FDJ0810GIR45	-8	1/2"	12.8	7/8"	14	22	-	29.5	200	2900
FDJ1212GIR45	-12	3/4"	19	1.1/16"	14	27	32	35	200	2900

SAE 45° FEMALE - 90° ELBOW

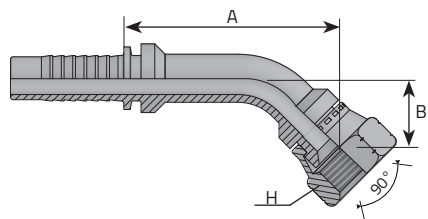
FEMMINA SAE A 90° SV 45°
 FEMELLE 90° SAE CÔNE 45°
 90° SAE DICHTKOPF 45° KONUS
 HEMBRA GIRATORIA A 90° SAE 45°



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90J0404SV45	-4	1/4"	6.4	7/16"	20	15	26	23	350	5076
F90J0405SV45	-4	1/4"	6.4	1/2"	20	17	27	23	350	5076
F90J0507SV45	-5	5/16"	7.9	5/8"	18	22	32.5	31.5	-	-
F90J0607SV45	-6	3/8"	9.5	5/8"	18	22	35.5	33	-	-
F90J0608SV45	-6	3/8"	9.5	3/4"	16	24	36.5	33	250	3626
F90J0808SV45	-8	1/2"	12.8	3/4"	16	24	41	39	250	3626
F90J1212SV45	-12	3/4"	19	1.1/16"	14	32	58	53.5	200	2900

SAE 45° FEMALE - 45° ELBOW

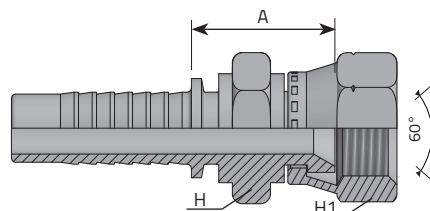
FEMMINA SAE A 45° SV 45°
 FEMELLE 45° SAE CÔNE 45°
 45° SAE DICHTKOPF 45° KONUS
 HEMBRA GIRATORIA A 45° SAE 45°



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F45J0404SV45	-4	1/4"	6.4	7/16"	20	15	15	38	350	5076
F45J0405SV45	-4	1/4"	6.4	1/2"	20	17	17	40	350	5076
F45J0607SV45	-6	3/8"	9.5	5/8"	18	22	19	54		
F45J0608SV45	-6	3/8"	9.5	3/4"	16	24	19	54	250	3626
F45J0808SV45	-8	1/2"	12.8	3/4"	16	24	20	62	200	2900
F45J0810SV45	-8	1/2"	12.8	7/8"	14	27	21	63	200	2900
F45J0812SV45	-8	1/2"	12.8	1.1/16"	14	32	22	64	200	2900
F45J1212SV45	-12	3/4"	19	1.1/16"	14	32	29	62	200	2900

KOMATSU STYLE METRIC FEMALE

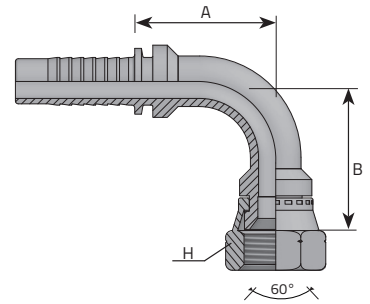
FEMMINA METRICA "KOMATSU" SV 60°
 FEMELLE MÉTRIQUE DROIT "KOMATSU" CÔNE 60°
 DK "KOMATSU" 60° KONUS METRISCH
 HEMBRA GIRATORIA RECTA MÉTRICA "KOMATSU" CONO 60°



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
FDK0414	-4	1/4"	6.4	M14 x 1.5		17	19	24.2	350	5076
FDK0416	-4	1/4"	6.4	M 16 x 1.5		19	22	24.2	280	4061
FDK0516	-5	5/16"	7.9	M16 x 1.5		19	22	24.2	280	4061
FDK0614	-6	3/8"	9.5	M14 x 1.5		17	19	24.2	280	4061
FDK0616	-6	3/8"	9.5	M16 x 1.5		19	22	24.2	280	4061
FDK0618	-6	3/8"	9.5	M18 x 1.5		24	24	25.8	280	4061
FDK0818	-8	1/2"	12.8	M18 x 1.5		24	24	26.3	280	4061
FDK0820	-8	1/2"	12.8	M20 x 1.5		27	27	29	200	2901
FDK0822	-8	1/2"	12.8	M22 x 1.5		27	27	29	200	2901
FDK0824	-8	1/2"	12.8	M24 x 1.5		32	32	32	200	2901
FDK1022	-10	5/8"	16	M22 x 1.5		27	27	29	200	2901
FDK1024	-10	5/8"	16	M24 x 1.5		32	32	32.5	200	2901
FDK1230	-12	3/4"	19	M30 x 1.5		36	36	32.5	160	2320
FDK1633	-16	1"	25.4	M33 x 1.5		41	41	34.6	160	2320
FDK2036	-20	1.1/4"	31.8	M36 x 1.5		46	46	37.5	125	1813
FDK2442	-24	1.1/2"	38.1	M42 x 1.5		50	50	36.1	100	1450

KOMATSU STYLE FEMALE - 90° ELBOW

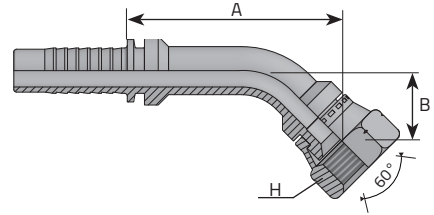
FEMMINA 90° METRICA "KOMATSU" SV 60°
 FEMELLE 90° MÉTRIQUE "KOMATSU" CÔNE 60°
 DKM 90° "KOMATSU" 60° KONUS METRISCH
 HEMBRA GIRATORIA A 90° MÉTRICA "KOMATSU" CONO 60°



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
F90K0414	-4	1/4"	6.4	M14 x 1.5		19	27	23	350	5076
F90K0416	-4	1/4"	6.4	M16 x 1.5		22	27	23	250	3626
F90K0516	-5	5/16"	7.9	M16 x 1.5		22	32	31.5	250	3626
F90K0614	-6	3/8"	9.5	M14 x 1.5		19	35	33	250	3626
F90K0616	-6	3/8"	9.5	M16 x 1.5		22	35	33	250	3626
F90K0618	-6	3/8"	9.5	M18 x 1.5		24	36.5	33	250	3626
F90K0818	-8	1/2"	12.8	M18 x 1.5		24	41	39	250	3626
F90K0820	-8	1/2"	12.8	M20 x 1.5		27	43.5	39	200	2901
F90K0822	-8	1/2"	12.8	M22 x 1.5		27	43.5	39	200	2901
F90K0824	-8	1/2"	12.8	M24 x 1.5		32	50	39	200	2901
F90K1022	-10	5/8"	16	M22 x 1.5		27	50	49	200	2901
F90K1024	-10	5/8"	16	M24 x 1.5		32	55	49	200	2901
F90K1230	-12	3/4"	19	M30 x 1.5		36	62.5	53.5	160	2320
F90K1633	-16	1"	25.4	M33 x 1.5		41	69.5	73	160	2320
F90K2036	-20	1.1/4"	31.8	M36 x 1.5		46	88	89	125	1813
F90K2442	-24	1.1/2"	38.1	M42 x 1.5		50	106.5	101	100	1450

KOMATSU STYLE FEMALE - 45° ELBOW

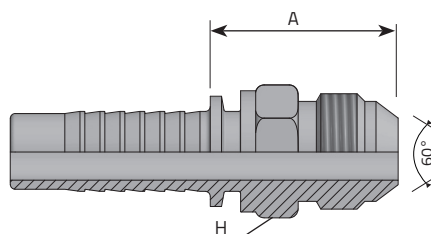
FEMMINA 45° METRICA "KOMATSU" SV 60°
 FEMELLE 45° MÉTRIQUE "KOMATSU" CÔNE 60°
 DKM 45° "KOMATSU" 60° KONUS METRISCH
 HEMBRA MÉTRICA A 45° "KOMATSU" CONO 60°



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm	mm		
F45K0414	-4	1/4"	6.4	M14 x 1.5	19	17	40		350	5076
F45K0416	-4	1/4"	6.4	M16 x 1.5	22	17	40		250	3626
F45K0516	-5	5/16"	7.9	M16 x 1.5	22	18.5	49.5		250	3626
F45K0614	-6	3/8"	9.5	M14 x 1.5	19	18	53		250	3626
F45K0616	-6	3/8"	9.5	M16 x 1.5	22	18	53		250	3626
F45K0618	-6	3/8"	9.5	M18 x 1.5	24	19	54		250	3626
F45K0818	-8	1/2"	12.8	M18 x 1.5	24	20	62		250	3626
F45K0820	-8	1/2"	12.8	M20 x 1.5	27	22	63		200	2901
F45K0822	-8	1/2"	12.8	M22 x 1.5	27	22	63		200	2901
F45K0824	-8	1/2"	12.8	M24 x 1.5	32	22	64		200	2901
F45K1022	-10	5/8"	16	M22 x 1.5	27	22	60		200	2901
F45K1024	-10	5/8"	16	M24 x 1.5	32	25	63		200	2901
F45K1230	-12	3/4"	19	M30 x 1.5	36	29	63		160	2320
F45K1633	-16	1"	25.4	M33 x 1.5	41	39.5	88.5		160	2320
F45K2036	-20	1.1/4"	31.8	M36 x 1.5	46	40	101		125	1813
F45K2442	-24	1.1/2"	38.1	M42 x 1.5	50	39	118		100	1450

TOYOTA STYLE MALE

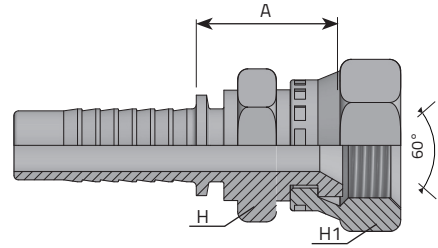
MASCHIO DIRITTO TOYOTA SV 60°
 MÂLE DROIT TOYOTA CÔNE 60°
 DK TOYOTA 60° KONUS
 MACHO TOYOTA CONO 60°



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch			mm	mm		
MT0404	-4	1/4"	6.4	1/4"	19	17	30	350	5076
MT0606	-6	3/8"	9.5	3/8"	19	19	32	280	4061
MT0808	-8	1/2"	12.8	1/2"	14	24	36.5	200	2901
MT1212	-12	3/4"	19	3/4"	14	32	41	200	2901
MT1616	-16	1"	25.4	1"	11	36	44.5	160	2320
MT2020	-20	1.1/4"	31.8	1.1/4"	11	46	49.5	125	1813
MT2424	-24	1.1/2"	38.1	1.1/2"	11	55	52	100	1450

TOYOTA STYLE FEMALE

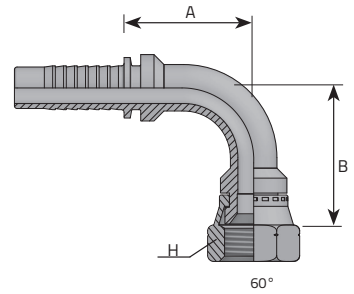
FEMMINA DIRITTA TOYOTA SV 60°
 FEMELLE DROIT TOYOTA CÔNE 60°
 DK TOYOTA 60° KONUS
 HEMBRA GIRATORIA RECTA TOYOTA CONO 60°



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
FDT0404	-4	1/4"	6.4	1/4"	19	17	19	51	350	5076
FDT0606	-6	3/8"	9.5	3/8"	19	19	22	54	280	4061
FDT0808	-8	1/2"	12.8	1/2"	14	22	27	60.5	200	2901
FDT1212	-12	3/4"	19	3/4"	14	27	32	70.5	200	2901
FDT1616	-16	1"	25.4	1"	11	32	38	88	160	2320
FDT2020	-20	1.1/4"	31.8	1.1/4"	11	41	50	97.5	125	1813
FDT2424	-24	1.1/2"	38.1	1.1/2"	11	50	55	110.5	100	1450

TOYOTA STYLE FEMALE - 90° ELBOW

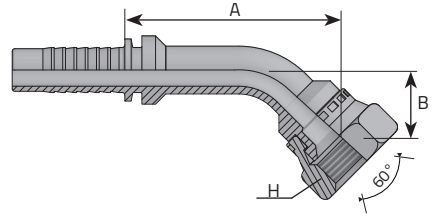
FEMMINA 90° TOYOTA
 FEMELLE 90° TOYOTA CÔNE 60°
 DK 90° TOYOTA 60° KONUS
 HEMBRA GIRATORIA A 90° TOYOTA CONO 60°



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F90T0404	-4	1/4"	6.4	1/4"	19	19	26	23	350	5076
F90T0606	-6	3/8"	9.5	3/8"	19	22	34.5	33	280	4061
F90T0808	-8	1/2"	12.8	1/2"	14	27	41	39	200	2901
F90T1212	-12	3/4"	19	3/4"	14	32	54.5	53.5	200	2901
F90T1616	-16	1"	25.4	1"	11	38	68	73	160	2320
F90T2020	-20	1.1/4"	31.8	1.1/2"	11	50	88.5	89	125	1813
F90T2424	-24	1.1/2"	38.1	1.1/2"	11	55	109.5	101	100	1450

TOYOTA STYLE FEMALE 45° ELBOW

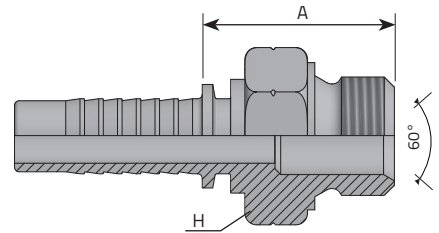
FEMMINA 45° TOYOTA
 FEMELLE 45° TOYOTA CÔNE 60°
 DK 45° TOYOTA 60° KONUS
 HEMBRA GIRATORIA A 45° TOYOTA CONO 60°



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
F45T0404	-4	1/4"	6.4	1/4"	19	19	14	40	350	5076
F45T0606	-6	3/8"	9.5	3/8"	19	22	16.5	55	280	4061
F45T0808	-8	1/2"	12.8	1/2"	14	27	19	65	200	2901
F45T1212	-12	3/4"	19	3/4"	14	32	24.5	63	200	2901
F45T1616	-16	1"	25.4	1"	11	38	37	90	160	2320
F45T2020	-20	1.1/4"	31.8	1.1/4"	11	50	39.5	102	125	1813
F45T2424	-24	1.1/2"	38.1	1.1/2"	11	55	40.5	118	100	1450

METRIC MALE -CONE 60° (1)

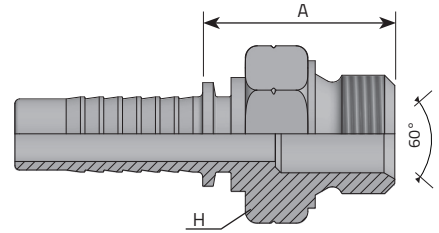
MASCHIO METRICO SV 60°
 MÂLE MÉTRIQUE CÔNE 60°
 AGM 60° INNENKONUS
 MACHO MÉTRICO CONO 60°



Code	Tube			Thread	Dimensions		Pressure		
	D.N.	Hose	Diam		T	H	A	Bar	Psi
	Inch	mm	mm		mm	mm	mm		
MM0310	-3	3/16"	4.8	M10 x 1	14	21	400	5801	
MM0312	-3	3/16"	4.8	M12 x 1.5	17	24.5	400	5801	
MM0410	-4	1/4"	6.4	M10 x 1	14	21	400	5801	
MM0412	-4	1/4"	6.4	M12 x 1.5	17	25.5	400	5801	
MM0414	-4	1/4"	6.4	M14 x 1.5	19	27	400	5801	
MM0416	-4	1/4"	6.4	M16 x 1.5	22	29	400	5801	
MM0418	-4	1/4"	6.4	M18 x 1.5	24	29	400	5801	
MM0514	-5	5/16"	7.9	M14 x 1.5	19	27	350	5076	
MM0516	-5	5/16"	7.9	M16 x 1.5	22	29	350	5076	
MM0518	-5	5/16"	7.9	M18 x 1.5	24	29	350	5076	
MM0614	-6	3/8"	9.5	M14 x 1.5	19	27	400	5801	
MM0616	-6	3/8"	9.5	M16 x 1.5	22	29	400	5801	
MM0618	-6	3/8"	9.5	M18 x 1.5	24	29	400	5801	
MM0620	-6	3/8"	9.5	M20 x 1.5	27	32	350	5076	
MM0622	-6	3/8"	9.5	M22 x 1.5	27	32	350	5076	
MM0818	-8	1/2"	12.8	M18 x 1.5	24	29	400	5801	

METRIC MALE - CONE 60° (2)

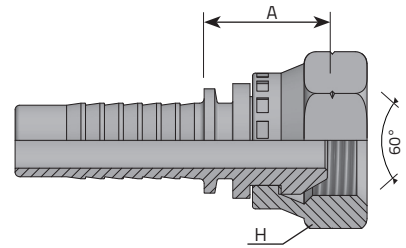
MASCHIO METRICO SV 60°
 MÂLE MÉTRIQUE CÔNE 60°
 AGM 60° INNENKONUS
 MACHO MÉTRICO CONO 60°



Code	Tube		Thread		Dimensions		Pressure	
	D.N.	Hose	Diam	T	H	A	Bar	Psi
		Inch	mm	mm	mm	mm		
MM0820	-8	1/2"	12.8	M20 x 1.5	27	33	350	5076
MM0822	-8	1/2"	12.8	M22 x 1.5	27	33	350	5076
MM0824	-8	1/2"	12.8	M24 x 1.5	30	36	315	4568
MM0826	-8	1/2"	12.8	M26 x 1.5	32	36	315	4568
MM1026	-10	5/8"	16	M26 x 1.5	32	36	315	4568
MM1226	-12	3/4"	19	M26 x 1.5	32	37	315	4568
MM1230	-12	3/4"	19	M30 x 1.5	36	36	250	3626
MM1638	-16	1"	25.4	M38 x 1.5	46	37	200	2901
MM2045	-20	1.1/4"	31.8	M45 x 1.5	50	43.5	160	2320
MM2452	-24	1.1/2"	38.1	M52 x 1.5	55	46	125	1813

METRIC FEMALE - 60° CONE (1)

FEMMINA METRICA SV 60°
 FEMELLE DROIT MÉTRIQUE CÔNE 60°
 DKM 60° KONUS
 HEMBRA GIRATORIA MÉTRICA CONO 60°

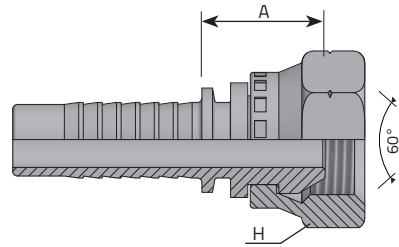


Code	Tube		Thread		Dimensions		Pressure	
	D.N.	Hose	Diam	T	H	A	Bar	Psi
		Inch	mm	mm	mm	mm		
FDM0310	-3	3/16"	4.8	M10 x 1	15	18	350	5076
FDM0312	-3	3/16"	4.8	M12 x 1.5	17	18	350	5076
FDM0410	-4	1/4"	6.4	M10 x 1	15	18	350	5076
FDM0412	-4	1/4"	6.4	M12 x 1.5	17	18	350	5076
FDM0414	-4	1/4"	6.4	M14 x 1.5	19	18	350	5076
FDM0416	-4	1/4"	6.4	M16 x 1.5	22	19	350	5076
FDM0418	-4	1/4"	6.4	M18 x 1.5	22	19	350	5076
FDM0514	-5	5/16"	7.9	M14 x 1.5	19	18	350	5076
FDM0516	-5	5/16"	7.9	M16 x 1.5	22	19	350	5076
FDM0518	-5	5/16"	7.9	M18 x 1.5	22	19	350	5076
FDM0614	-6	3/8"	9.5	M14 x 1.5	19	19	350	5076
FDM0616	-6	3/8"	9.5	M16 x 1.5	22	20	350	5076
FDM0618	-6	3/8"	9.5	M18 x 1.5	22	20	350	5076
FDM0620	-6	3/8"	9.5	M20 x 1.5	27	21	315	4568
FDM0622	-6	3/8"	9.5	M22 x 1.5	27	21	315	4568
FDM0818	-8	1/2"	12.8	M18 x 1.5	24	20	315	4568

METRIC FEMALE - 60° CONE (2)

FEMMINA METRICA SV 60°
 FEMELLE DROIT MÉTRIQUE CÔNE 60°
 DKM 60° KONUS
 HEMBRA GIRATORIA MÉTRICA CONO 60°

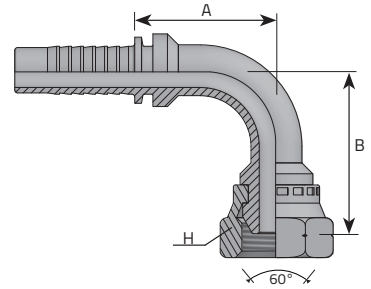
* REMOVABLE NUT + SPHERICAL SEATING
 DADO SFILABILE + OGIVA SFERICA



Code	Tube		Thread		Dimensions		Pressure	
	D.N.	Hose	Diam	T	H	A	Bar	Psi
	Inch		mm	mm	mm	mm		
FDM0820	-8	1/2"	12.8	M20 x 1.5	27	22	315	4568
FDM0822	-8	1/2"	12.8	M22 x 1.5	27	22	315	4568
FDM0824	-8	1/2"	12.8	M24 x 1.5	30	23	250	3626
FDM0826	-8	1/2"	12.8	M26 x 1.5	32	24	250	3626
FDM1026	-10	5/8"	16	M26 x 1.5	32	24	250	3626
FDM1027	-10	5.8	16	M27 x 1.5	32	24	250	3626
FDM1226	-12	3/4"	19	M26 x 1.5	32	25	315	4568
FDM1227	-12	3/4"	19	M27 x 1.5	32	25	250	3626
* FDM1230	-12	3/4"	19	M30 x 1.5	36	26	200	2901
FDM1233	-12	3/4"	19	M33 x 2	38	27.5	160	2320
* FDM1638	-16	1"	25.4	M38 x 1.5	46	37	125	1813
* FDM2045	-20	1.1/4"	31.8	M45 x 1.5	50	32	125	1813
* FDM2452	-24	1.1/2"	38.1	M52 x 1.5	60	38.5	125	1813

METRIC FEMALE - 90° ELBOW (1)

FEMMINA 90° METRICA SV 60°
 FEMELLE 90° MÉTRIQUE CÔNE 60°
 DKM 90° BOGEN 60° KONUS
 HEMBRA GIRATORIA A 90° MÉTRICA CONO 60°

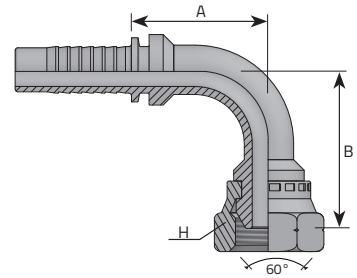


	Code	Tube			Thread	Dimensions			Pressure	
		D.N.	Hose	Diam		T	H	B	A	Bar
Inch		Inch	mm	mm	mm	mm	mm	mm		
	F90M0310	-3	3/16"	4.8	M10 x 1	15	29	23	350	5076
	F90M0312	-3	3/16"	4.8	M12 x 1.5	17	29	23	350	5076
	F90M0410	-4	1/4"	6.4	M10 x 1	15	29	23	350	5076
	F90M0412	-4	1/4"	6.4	M12 x 1.5	17	29	23	350	5076
	F90M0414	-4	1/4"	6.4	M14 x 1.5	19	29	23	350	5076
	F90M0416	-4	1/4"	6.4	M16 x 1.5	22	32	23	350	5076
	F90M0418	-4	1/4"	6.4	M18 x 1.5	22	32	23	350	5076
	F90M0514	-5	5/16"	7.9	M14 x 1.5	19	33.5	31.5	350	5076
	F90M0516	-5	5/16"	7.9	M16 x 1.5	22	35.5	31.5	350	5076
	F90M0518	-5	5/16"	7.9	M18 x 1.5	22	35.5	31.5	350	5076
	F90M0614	-6	3/8"	9.5	M14 x 1.5	19	37	33	350	5076
	F90M0616	-6	3/8"	9.5	M16 x 1.5	22	38	33	350	5076
	F90M0618	-6	3/8"	9.5	M18 x 1.5	22	38	33	350	5076
	F90M0620	-6	3/8"	9.5	M20 x 1.5	27	42	33	315	4568
	F90M0622	-6	3/8"	9.5	M22 x 1.5	27	42	33	315	4568
	F90M0818	-8	1/2"	12.8	M18 x 1.5	24	43	39	315	4568

METRIC FEMALE - 90° ELBOW (2)

FEMMINA 90° METRICA SV 60°
 FEMELLE 90° MÉTRIQUE CÔNE 60°
 DKM 90° BOGEN 60° KONUS
 HEMBRA MÉTRICA CODO 90° ASIENTO 60°

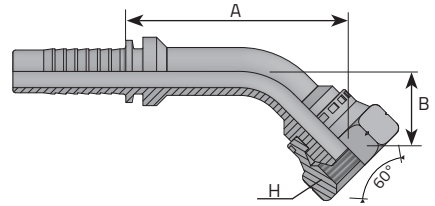
* REMOVABLE NUT + SPHERICAL SEATING
 DADO SFILABILE + OGIVA SFERICA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		T	H	B	A	Bar
	Inch		mm	mm	mm	mm	mm		
F90M0820	-8	1/2"	12.8	M20 x 1.5	27	45	39	315	4568
F90M0822	-8	1/2"	12.8	M22 x 1.5	27	45	39	315	4568
F90M0824	-8	1/2"	12.8	M24 x 1.5	30	47	39	250	3626
F90M0826	-8	1/2"	12.8	M26 x 1.5	32	51	39	250	3626
F90M1026	-10	5/8"	16	M26 x 1.5	32	56	49	250	3626
F90M1027	-10	5/8"	16	M27 x 1.5	32	56	49	250	3626
F90M1226	-12	3/4"	19	M26 x 1.5	32	59	53.5	250	3626
F90M1227	-12	3/4"	19	M27 x 1.5	32	59	53.5	250	3626
* F90M1230	-12	3/4"	19	M30 x 1.5	36	63	53.5	-	-
* F90M1638	-16	1"	25.4	M38 x 1.5	46	72	73	-	-
* F90M2045	-20	1.1/4"	31.8	M45 x 1.5	50	89	93	-	-
* F90M2452	-24	1.1/2"	38.1	M52 x 1.5	55	110	99	-	-

METRIC FEMALE - 45° ELBOW (1)

FEMMINA 45° METRICA SV 60°
 FEMELLE 45° MÉTRIQUE CÔNE 60°
 DKM 45° BOGEN 60° KONUS
 HEMBRA GIRATORIA A 45° MÉTRICA CONO 60°

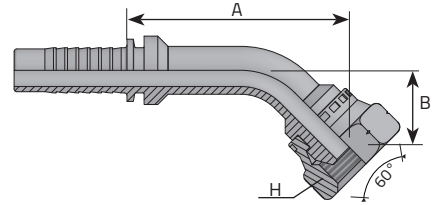


Code	Tube			Thread	Dimensions			Pressure		
	D.N.	Hose	Diam		T	H	B	A	Bar	Psi
	Inch		mm		mm	mm	mm	mm		
F45M0310	-3	3/16"	4.8	M10 x 1	15	17	40	350	5076	
F45M0312	-3	3/16"	4.8	M12 x 1.5	17	17	40	350	5076	
F45M0410	-4	1/4"	6.4	M10 x 1	15	17	40	350	5076	
F45M0412	-4	1/4"	6.4	M12 x 1.5	17	17	40	350	5076	
F45M0414	-4	1/4"	6.4	M14 x 1.5	19	17	40	350	5076	
F45M0416	-4	1/4"	6.4	M16 x 1.5	22	20	43	350	5076	
F45M0418	-4	1/4"	6.4	M18 x 1.5	22	20	43	350	5076	
F45M0514	-5	5/16"	7.9	M14 x 1.5	19	17	40	350	5076	
F45M0516	-5	5/16"	7.9	M16 x 1.5	22	20	43	350	5076	
F45M0518	-5	5/16"	7.9	M18 x 1.5	22	20	43	350	5076	
F45M0614	-6	3/8"	9.5	M14 x 1.5	19	20	55	350	5076	
F45M0616	-6	3/8"	9.5	M16 x 1.5	22	20	55	350	5076	
F45M0618	-6	3/8"	9.5	M18 x 1.5	22	20	55	350	5076	
F45M0620	-6	3/8"	9.5	M20 x 1.5	27	23	58	315	4568	
F45M0622	-6	3/8"	9.5	M22 x 1.5	27	23	58	315	4568	
F45M0818	-8	1/2"	12.8	M18 x 1.5	24	23	65	315	4568	

METRIC FEMALE - 45° ELBOW (2)

FEMMINA 45° METRICA SV 60°
 FEMELLE 45° MÉTRIQUE CÔNE 60°
 DKM 45° BOGEN 60° KONUS
 HEMBRA GIRATORIA A 45° MÉTRICA CONO 60°

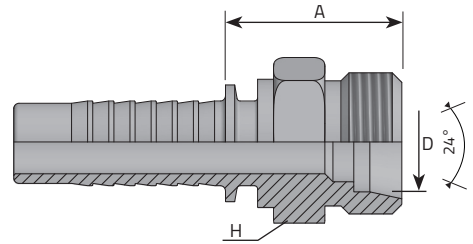
* REMOVABLE NUT + SPHERICAL SEATING
 DADO SFILABILE + OGIVA SFERICA



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	H	B	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm		
F45M0820	-8	1/2"	12.8	M20 x 1.5	27	23	65	315	4568
F45M0822	-8	1/2"	12.8	M22 x 1.5	27	23	65	315	4568
F45M0824	-8	1/2"	12.8	M24 x 1.5	30	21	66	250	3626
F45M0826	-8	1/2"	12.8	M26 x 1.5	32	21	66	250	3626
F45M1026	-10	5/8"	16	M26 x 1.5	32	26	64	250	3626
F45M1027	-10	5/8"	16	M27 x 1.5	32	26	64	250	3626
F45M1226	-12	3/4"	19	M26 x 1.5	32	29	63	250	3626
F45M1227	-12	3/4"	19	M27 x 1.5	32	29	63	250	3626
* F45M1230	-12	3/4"	19	M30 x 1.5	36	31	65	-	-
* F45M1638	-16	1"	25.4	M38 x 1.5	46	41	90	-	-
* F45M2045	-20	1.1/4"	31.8	M45 x 1.5	50	45	103	-	-
* F45M2452	-24	1.1/2"	38.1	M52 x 1.5	55	53	119	-	-

METRIC MALE 24° CONE - L TYPE (1)

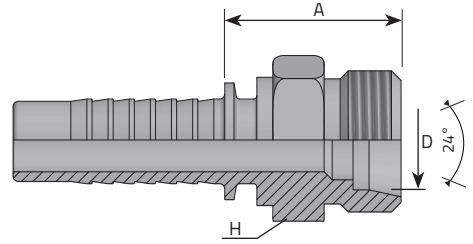
MASCHIO METRICO 24° DKOL
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE L
 CEL 24° KONUS METRISCH
 MACHO MÉTRICO CONO 24° - SERIE L



Code	Tube			Thread	Dimensions			Pressure		
	D.N.	Hose	Diam		T	D	H	A	Bar	Psi
	Inch	mm	mm		mm	mm	mm	mm		
ME0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	22.5	250	3626	
ME0314L8	-3	3/16"	4.8	M14 x 1.5	8	15	23	250	3626	
ME0412L6	-4	1/4"	6.4	M12 x 1.5	6	14	23	250	3626	
ME0414L8	-4	1/4"	6.4	M14 x 1.5	8	15	23	250	3626	
ME0416L10	-4	1/4"	6.4	M16 x 1.5	10	17	25	250	3626	
ME0418L12	-4	1/4"	6.4	M18 x 1.5	12	19	26	250	3626	
ME0514L8	-5	5/16"	7.9	M14 x 1.5	8	15	23	250	3626	
ME0516L10	-5	5/16"	7.9	M16 x 1.5	10	17	25	250	3626	
ME0518L12	-5	5/16"	7.9	M18 x 1.5	12	19	26	250	3626	
ME0616L10	-6	3/8"	9.5	M16 x 1.5	10	17	25	250	3626	
ME0618L12	-6	3/8"	9.5	M18 x 1.5	12	19	25	250	3626	
ME0622L15	-6	3/8"	9.5	M22 x 1.5	15	24	27	250	3626	
ME0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	26	250	3626	
ME0822L15	-8	1/2"	12.8	M22 x 1.5	15	24	27.5	250	3626	
ME0826L18	-8	1/2"	12.8	M26 x 1.5	18	27	27.5	160	2320	
ME1026L18	-10	5/8"	16	M26 x 1.5	18	27	27.5	160	2320	

METRIC MALE 24° CONE - L TYPE (2)

MASCHIO METRICO 24° DKOL
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE L
 CEL 24° KONUS METRISCH
 MACHO MÉTRICO CONO 24° - SERIE L

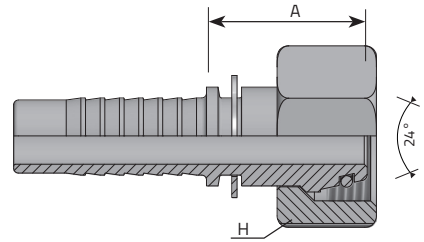


Code	Tube		Thread	Dimensions			Pressure		
	D.N.	Hose		Diam	T	D	H	A	Bar
	Inch		mm	mm	mm	mm	mm		
ME1030L22	-10	5/8"	16	M30 x 2	22	32	31.5	160	2320
ME1226L18	-12	3/4"	19	M26 x 1.5	18	27	29	160	2320
ME1230L22	-12	3/4"	19	M30 x 2	22	32	32	160	2320
ME1636L28	-16	1"	25.4	M36 x 2	28	38	40	100	1450
ME2045L35	-20	1.1/4"	31.8	M45 x 2	35	46	41.5	100	1450
ME2452L42	-24	1.1/2"	38.1	M52 x 2	42	55	40	100	1450

METRIC FEMALE 24° CONE - L TYPE (1)

FEMMINA 90° METRICA DKOL CON O-RING 24°
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA GIRATORIA MÉTRICA CON O-RING CONO 24° - SERIE L

* CRIMPED NUT
 DADO PINZATO

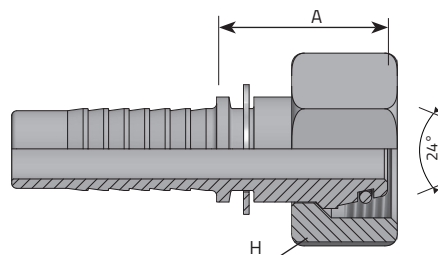


Code	Tube			Thread	Dimensions			Pressure		
	D.N.	Hose	Diam		T	D	H	A	Bar	Psi
	Inch	mm	mm		mm	mm	mm	mm		
FE0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	25.5	250	3626	
FE0314L8	-3	3/16"	4.8	M14 x 1.5	8	17	25.5	250	3626	
* FE0412L6	-4	1/4"	6.4	M12 x 1.5	6	17	21	250	3626	
FE0414L8	-4	1/4"	6.4	M14 x 1.5	8	17	23.5	250	3626	
FE0416L10	-4	1/4"	6.4	M16 x 1.5	10	19	26	250	3626	
FE0418L12	-4	1/4"	6.4	M18 x 1.5	12	22	26	250	3626	
* FE0514L8	-5	5/16"	7.9	M14 x 1.5	8	19	21.5	250	3626	
FE0516L10	-5	5/16"	7.9	M16 x 1.5	10	19	26	250	3626	
FE0518L12	-5	5/16"	7.9	M18 x 1.5	12	22	26	250	3626	
* FE0616L10	-6	3/8"	9.5	M16 x 1.5	10	19	23.5	250	3626	
FE0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	26.5	250	3626	
FE0622L15	-6	3/8"	9.5	M22 x 1.5	15	27	27	250	3626	
* FE0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	25.5	250	3626	
FE0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	27.5	250	3626	
FE0826L18	-8	1/2"	12.8	M26 x 1.5	18	32	28	160	2320	
FE1026L18	-10	5/8"	16	M26 x 1.5	18	32	30	160	2320	

METRIC FEMALE 24° CONE - L TYPE (2)

FEMMINA 90° METRICA DKOL CON O-RING 24°
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA GIRATORIA MÉTRICA CON O-RING CONO 24° - SERIE L

* CRIMPED NUT
 DADO PINZATO

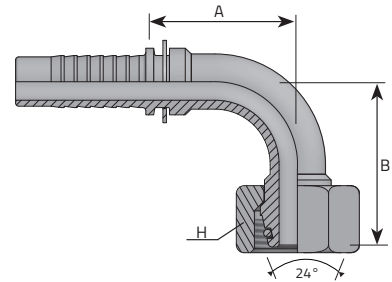


Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	D	H	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm		
FE1030L22	-10	5/8"	16	M30 x 2	22	36	31	160	2320
* FE1226L18	-12	3/4"	19	M26 x 1.5	18	32	29	160	2320
FE1230L22	-12	3/4"	19	M30 x 2	22	36	31	160	2320
FE1636L28	-16	1"	25.4	M36 x 2	28	41	33.5	100	1450
FE2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	38.5	100	1450
FE2452L42	-24	1.1/2"	38.1	M52 x 2	42	60	39	100	1450

METRIC FEMALE 24° CONE - 90° ELBOW - L TYPE (1)

FEMMINA 90° METRICA DKOL CON O-RING 24°
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA GIRATORIA A 90° MÉTRICA CON O-RING CONO 24° - SERIE L

* CRIMPED NUT
 DADO PINZATO

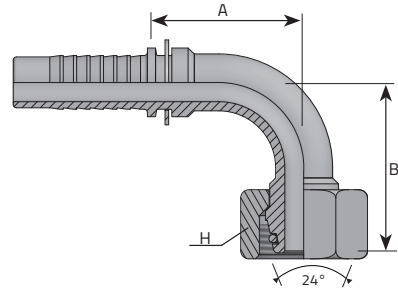


Code	Tube			Thread	Dimensions				Pressure		
	D.N.	Hose	Diam		T	D	H	B	A	Bar	Psi
	Inch		mm		mm	mm	mm	mm	mm		
F90E0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	31.5	29.5	250	3626	
F90E0314L8	-3	3/16"	4.8	M14 x 1.5	8	17	31.5	29.5	250	3626	
* F90E0412L6	-4	1/4"	6.4	M12 x 1.5	6	17	31.5	29.5	250	3626	
F90E0414L8	-4	1/4"	6.4	M14 x 1.5	8	17	31.5	29.5	250	3626	
F90E0416L10	-4	1/4"	6.4	M16 x 1.5	10	19	32.5	29	250	3626	
F90E0418L12	-4	1/4"	6.4	M18 x 1.5	12	22	30.5	27	250	3626	
* F90E0514L8	-5	5/16"	7.9	M14 x 1.5	8	19	36.7	31.5	250	3626	
F90E0516L10	-5	5/16"	7.9	M16 x 1.5	10	19	32.5	31	250	3626	
F90E0518L12	-5	5/16"	7.9	M18 x 1.5	12	22	37	29	250	3626	
* F90E0616L10	-6	3/8"	9.5	M16 x 1.5	10	19	38	33	250	3626	
F90E0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	37.5	35.5	250	3626	
F90E0622L15	-6	3/8"	9.5	M22 x 1.5	15	27	42	34	250	3626	
* F90E0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	49	39	250	3626	
F90E0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	44	39.5	250	3626	
F90E0826L18	-8	1/2"	12.8	M26 x 1.5	18	32	46.5	39.5	160	2320	

METRIC FEMALE 24° CONE - 90° ELBOW - L TYPE (2)

FEMMINA 90° METRICA DKOL CON O-RING 24°
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA GIRATORIA A 90° MÉTRICA CON O-RING CONO 24° - SERIE L

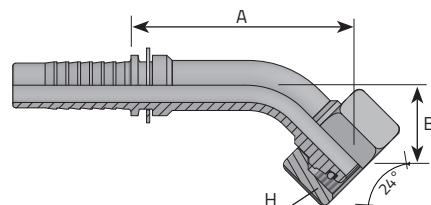
* CRIMPED NUT
 DADO PINZATO



Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		T	D	H	B	A	Bar
	Inch		mm	mm	mm	mm	mm	mm		
F90E1026L18	-10	5/8"	16	M26 x 1.5	18	32	50.5	48.5	160	2320
F90E1030L22	-10	5/8"	16	M30 x 2	22	36	53	48.5	160	2320
* F90E1226L18	-12	3/4"	19	M26 x 1.5	18	32	63.5	53.5	160	2320
F90E1230L22	-12	3/4"	19	M30 x 2	22	36	55.5	56.5	160	2320
F90E1636L28	-16	1"	25.4	M36 x 2	28	41	72.5	73	100	1450
F90E2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	86.5	92	100	1450
F90E2452L42	-24	1.1/2"	38.1	M52 x 2	42	60	94	99	100	1450

METRIC FEMALE 24° CONE -45° ELBOW - L TYPE (1)

FEMMINA 45° METRICA O-RING 24° DKOL CON O-RING
 FEMELLE 45° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 45° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 45° CON O-RING CONO 24° - SERIE L



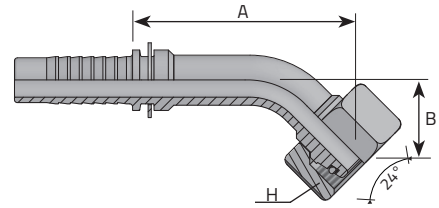
* CRIMPED NUT
 DADO PINZATO

Code	Tube			Thread	Dimensions				Pressure		
	D.N.	Hose	Diam		T	D	H	B	A	Bar	Psi
	Inch		mm		mm	mm	mm	mm	mm		
F45E0312L6	-3	3/16"	4.8	M12 x 1.5	6	14	15	37	250	3626	
F45E0314L8	-3	3/16"	4.8	M14 x 1.5	8	17	15	37	250	3626	
* F45E0412L6	-4	1/4"	6.4	M12 x 1.5	6	17	17	40	250	3626	
F45E0414L8	-4	1/4"	6.4	M14 x 1.5	8	17	17	50	250	3626	
F45E0416L10	-4	1/4"	6.4	M16 x 1.5	10	19	17	48.5	250	3626	
F45E0418L12	-4	1/4"	6.4	M18 x 1.5	12	22	17	48.5	250	3626	
* F45E0514L8	-5	5/16"	7.9	M14 x 1.5	8	19	23.2	51	250	3626	
F45E0516L10	-5	5/16"	7.9	M16 x 1.5	10	19	17	52.5	250	3626	
F45E0518L12	-5	5/16"	7.9	M18 x 1.5	12	22	20	50	250	3626	
* F45E0616L10	-6	3/8"	9.5	M16 x 1.5	10	19	20	55	250	3626	
F45E0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	17	57	250	3626	
F45E0622L15	-6	3/8"	9.5	M22 x 1.5	15	27	19	59	250	3626	
* F45E0818L12	-8	1/2"	12.8	M18 x 1.5	12	22	27	65	250	3626	
F45E0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	22	64	250	3626	
F45E0826L18	-8	1/2"	12.8	M26 x 1.5	18	32	26	65	160	2320	

METRIC FEMALE 24° CONE - 45° ELBOW - L TYPE (2)

FEMMINA 45° METRICA O-RING 24° DKOL CON O-RING
 FEMELLE 45° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 45° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 45° CON O-RING CONO 24° - SERIE L

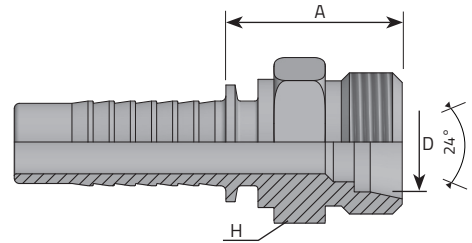
* CRIMPED NUT
 DADO PINZATO



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	D	H	B	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm	mm		
F45E1026L18	-10	5/8"	16	M26 x 1.5	18	32	28	61.5	160	2320
F45E1030L22	-10	5/8"	16	M30 x 2	22	36	30	63.5	160	2320
* F45E1226L18	-12	3/4"	19	M26 x 1.5	18	32	33.5	63	160	2320
F45E1230L22	-12	3/4"	19	M30 x 2	22	36	27	63	160	2320
F45E1636L28	-16	1"	25.4	M36 x 2	28	41	38.5	85.5	100	1450
F45E2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	35	104.5	100	1450
F45E2452L42	-24	1.1/2"	38.1	M52 x 2	42	60	45	119	100	1450

METRIC MALE 24° CONE - S TYPE (1)

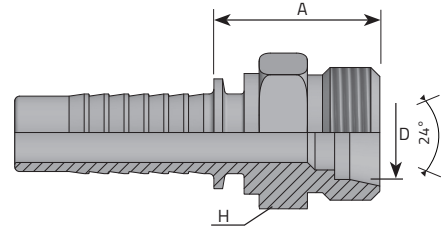
MASCHIO METRICO 24° DKOS
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE S
 CES METRISCH 24° KONUS
 MACHO MÉTRICO CONO 24° - SERIE S



Code	Tube		Diam	Thread	Dimensions			Pressure	
	D.N.	Hose			D	H	A	Bar	Psi
	Inch		mm	T	mm	mm	mm		
ME0314S6	-3	3/16"	4.8	M14 x 1.5	6	15	24	420	6091
ME0316S8	-3	3/16"	4.8	M16 x 1.5	8	17	25	420	6091
ME0414S6	-4	1/4"	6.4	M14 x 1.5	6	15	24	450	6526
ME0416S8	-4	1/4"	6.4	M16 x 1.5	8	17	25	450	6526
ME0418S10	-4	1/4"	6.4	M18 x 1.5	10	19	25	450	6526
ME0420S12	-4	1/4"	6.4	M20 x 1.5	12	22	27	450	6526
ME0518S10	-5	5/16"	7.9	M18 x 1.5	10	19	25	350	5076
ME0520S12	-5	5/16"	7.9	M20 x 1.5	12	22	26.5	350	5076
ME0618S10	-6	3/8"	9.5	M18 x 1.5	10	19	26	450	6526
ME0620S12	-6	3/8"	9.5	M20 x 1.5	12	22	27	450	6526
ME0622S14	-6	3/8"	9.5	M22 x 1.5	14	24	29	450	6526
ME0822S14	-8	1/2"	12.8	M22 x 1.5	14	24	30	420	6091
ME0824S16	-8	1/2"	12.8	M24 x 1.5	16	27	31	420	6091
ME1030S20	-10	5/8"	16	M30 x 2	20	32	33	350	5076
ME1230S20	-12	3/4"	19	M30 x 2	20	32	34	350	5076

METRIC MALE 24° CONE - S TYPE (2)

MASCHIO METRICO 24° DKOS
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE S
 CES METRISCH 24° KONUS
 MACHO MÉTRICO CONO 24° - SERIE S

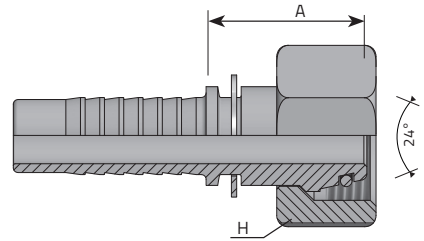


Code	Tube		Diam	T	Thread	Dimensions			Pressure	
	D.N.	Hose				D	H	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
ME1236S25	-12	3/4"	19		M36 x 2	25	38	36	350	5076
ME1242S30	-12	3/4"	19		M42 x 2	30	-	-	350	5076
ME1636S25	-16	1"	25.4		M36 x 2	25	38	38.5	280	4061
ME1642S30	-16	1"	25.4		M42 x 2	30	46	42	280	4061
ME2042S30	-20	1.1/4"	31.8		M42 x 2	30	46	42	210	3046
ME2052S38	-20	1.1/4"	31.8		M52 x 2	38	55	46	210	3046
ME2452S38	-24	1.1/2"	38.1		M52 x 2	38	55	46	185	2683

METRIC FEMALE 24° CONE - S TYPE (1)

FEMMINA DIRITTA METRICA O-RING 24° DKOS
 FEMELLE DROIT MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA CONO 24° CON O-RING - SERIE S

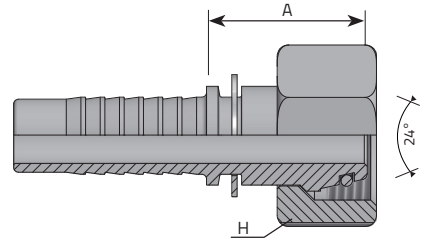
* CRIMPED NUT
 DADO PINZATO



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	D	H	A	Bar	Psi
	Inch	mm	mm	mm	mm	mm	mm		
FE0314S6	-3	3/16"	4.8	M14 x 1.5	6	19	25.5	420	6091
FE0316S8	-3	3/16"	4.8	M16 x 1.5	8	19	25.5	420	6091
* FE0414S6	-4	1/4"	6.4	M14 x 1.5	6	17	25.5	450	6526
FE0416S8	-4	1/4"	6.4	M16 x 1.5	8	19	26	450	6526
FE0418S10	-4	1/4"	6.4	M18 x 1.5	10	22	26	450	6526
FE0420S12	-4	1/4"	6.4	M20 x 1.5	12	24	26	450	6526
FE0518S10	-5	5/16"	7.9	M18 x 1.5	10	22	26.5	350	5076
FE0520S12	-5	5/16"	7.9	M20 x 1.5	12	24	26	350	5076
* FE0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	26.5	450	6526
FE0620S12	-6	3/8"	9.5	M20 x 1.5	12	24	26.5	450	6526
FE0622S14	-6	3/8"	9.5	M22 x 1.5	14	27	27	450	6526
FE0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	27.5	420	6091
FE0824S16	-8	1/2"	12.8	M24 x 1.5	16	30	32	420	6091
FE1030S20	-10	5/8"	16	M30 x 2	20	36	37	350	5076
FE1230S20	-12	3/4"	9.5	M30 x 2	20	36	37.5	350	5076

METRIC FEMALE 24° CONE - S TYPE (2)

FEMMINA DIRITTA METRICA O-RING 24° DKOS
 FEMELLE DROIT MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA CONO 24° CON O-RING - SERIE S

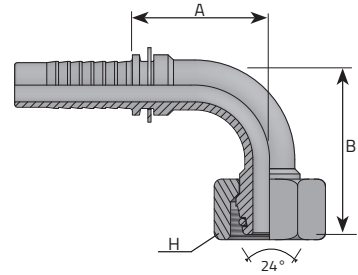


Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		T	D	H	A	Bar
	Inch		mm	mm	mm	mm	mm		
FE1236S25	-12	3/4"	19	M36 x 2	25	46	38.5	350	5076
FE1636S25	-16	1"	25.4	M36 x 2	25	46	39.5	280	4061
FE1642S30	-16	1"	25.4	M42 x 2	30	50	40.5	280	4061
FE2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	41.5	210	3046
FE2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	47	210	3046
FE2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	47	185	2683

METRIC FEMALE 24° CONE - 90° ELBOW - S TYPE (1)

FEMMINA 90° METRICA O-RING 24° DKOS
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 90° CON O-RING CONO 24° - SERIE S

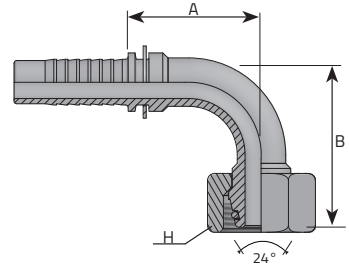
* CRIMPED NUT
 DADO PINZATO



Code	Tube		Thread	Dimensions				Pressure			
	D.N.	Hose		Diam	T	D	H	B	A	Bar	Psi
	Inch			mm	mm	mm	mm	mm	mm		
F90E0314S6	-3	3/16"	4.8	M14 x 1.5	6	19	31.5	29.5	420	6091	
F90E0316S8	-3	3/16"	4.8	M16 x 1.5	8	19	31.5	29.5	420	6091	
* F90E0414S6	-4	1/4"	6.4	M14 x 1.5	6	17	31.5	29.5	450	6526	
F90E0416S8	-4	1/4"	6.4	M16 x 1.5	8	19	31.5	29.5	450	6526	
F90E0418S10	-4	1/4"	6.4	M18 x 1.5	10	22	32.5	29	450	6526	
F90E0420S12	-4	1/4"	6.4	M20 x 1.5	12	24	30.5	27	450	6526	
F90E0518S10	-5	5/16"	7.9	M18 x 1.5	10	22	32.5	31	350	5076	
F90E0520S12	-5	5/16"	7.9	M20 x 1.5	12	24	37	29	350	5076	
* F90E0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	38	33	450	6526	
F90E0620S12	-6	3/8"	9.5	M20 x 1.5	12	24	37.5	35.5	450	6526	
F90E0622S14	-6	3/8"	9.5	M22 x 1.5	14	27	42	34	450	6526	
F90E0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	44	39.5	420	6091	
F90E0824S16	-8	1/2"	12.8	M24 x 1.5	16	30	45	39.5	420	6091	
F90E1030S20	-10	5/8"	16	M30 x 2	20	36	56	48.5	350	5076	
F90E1230S20	-12	3/4"	19	M30 x 2	20	36	59	56.5	350	5076	

METRIC FEMALE 24° CONE - 90° ELBOW - S TYPE (2)

FEMMINA 90° METRICA O-RING 24° DKOS
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 90° CON O-RING CONO 24° - SERIE S

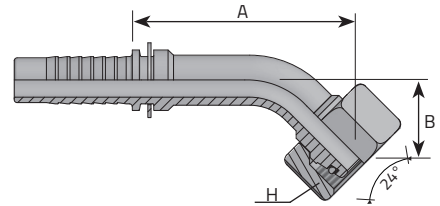


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		T	D	H	B	A	Bar
	Inch		mm	mm	mm	mm	mm	mm		
F90E1236S25	-12	3/4"	19	M36 x 2	25	46	59	56.5	350	5076
F90E1636S25	-16	1"	25.4	M36 x 2	25	46	75	73	280	4061
F90E1642S30	-16	1"	25.4	M42 x 2	30	50	75	73	280	4061
F90E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	86	92	210	3046
F90E2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	86	92	210	3046
F90E2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	94	99	185	2683

METRIC FEMALE 24° CONE - 45° ELBOW - S TYPE (1)

FEMMINA 45° METRICA O-RING 24° DKOS
 FEMELLE 45° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S 45° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 45° CON O-RING CONO 24° - SERIE S

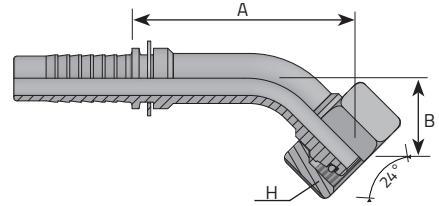
* CRIMPED NUT
 DADO PINZATO



Code	Tube				Thread	Dimensions				Pressure	
	D.N.	Hose	Diam	T		D	H	B	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm	mm		
F45E0314S6	-3	3/16"	4.8	M14 x 1.5	6	19	15	37	420	6091	
F45E0316S8	-3	3/16"	4.8	M16 x 1.5	8	19	15	37	420	6091	
* F45E0414S6	-4	1/4"	6.4	M14 x 1.5	6	17	17	40	450	6526	
F45E0416S8	-4	1/4"	6.4	M16 x 1.5	8	19	17	50	450	6526	
F45E0418S10	-4	1/4"	6.4	M18 x 1.5	10	22	17	48.5	450	6526	
F45E0420S12	-4	1/4"	6.4	M20 x 1.5	12	24	17	48.5	450	6526	
F45E0518S10	-5	5/16"	7.9	M18 x 1.5	10	22	17	52.5	350	5076	
F45E0520S12	-5	5/16"	7.9	M20 x 1.5	12	24	20	50	350	5076	
* F45E0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	20	55	450	6526	
F45E0620S12	-6	3/8"	9.5	M20 x 1.5	12	24	17	57	450	6526	
F45E0622S14	-6	3/8"	9.5	M22 x 1.5	14	27	19	59	450	6526	
F45E0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	22	65	420	6091	
F45E0824S16	-8	1/2"	12.8	M24 x 1.5	16	30	22	66.5	420	6091	
F45E1030S20	-10	5/8"	16	M30 x 2	20	36	26	64.5	350	5076	
F45E1230S20	-12	3/4"	19	M30 x 2	20	36	27	64	350	5076	

METRIC FEMALE 24° CONE 45° - S TYPE (2)

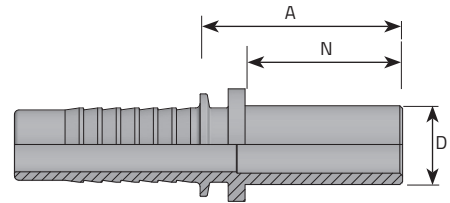
FEMMINA 45° METRICA O-RING 24° DKOS
 FEMELLE 45° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S 45° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 45° CON O-RING CONO 24° - SERIE S



Code	Tube		Thread		Dimensions				Pressure	
	D.N.	Hose	Diam	T	D	H	B	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm	mm		
F45E1236S25	-12	3/4"	19	M36 x 2	25	46	28	70	350	5076
F45E1636S25	-16	1"	25.4	M36 x 2	25	46	38	88.5	280	4061
F45E1642S30	-16	1"	25.4	M42 x 2	30	50	38	89	280	4061
F45E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	35	104.5	210	3046
F45E2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	35	104.5	210	3046
F45E2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	45	119	185	2683

STANDPIPE (1)

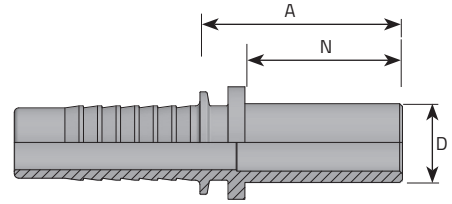
ERMETO DIRITTO
 EMBOUT LISSE DROIT
 ROHRSTUTZEN BEL - BES
 ESPIGA LISA RECTA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	N	A	Bar	Psi
	Inch	mm	mm		mm	mm	mm		
PDL0306	-3	3/16"	4.8		6	24	30	415	6019
PDL0308	-3	3/16"	4.8		8	24	30	415	6019
PDL0406	-4	1/4"	6.4		6	22.5	30.5	320	4641
PDL0408	-4	1/4"	6.4		8	23	30.5	450	6526
PDL0410	-4	1/4"	6.4		10	25	32	450	6526
PDL0412	-4	1/4"	6.4		12	25	32	450	6526
PDL0508	-5	5/16"	7.9		8	23	30	-	
PDL0510	-5	5/16"	7.9		10	25	32	350	5076
PDL0512	-5	5/16"	7.9		12	25	32	350	5076
PDL0610	-6	3/8"	9.5		10	25.5	33	330	4786
PDL0612	-6	3/8"	9.5		12	25	32.5	445	6454
PDL0614	-6	3/8"	9.5		14	28	35.5	445	6454
PDL0615	-6	3/8"	9.5		15	25.5	33	250	3626
PDL0812	-8	1/2"	12.8		12	25	33	-	
PDL0814	-8	1/2"	12.8		14	28	36	275	3988
PDL0815	-8	1/2"	12.8		15	25.5	33.5	250	3626
PDL0816	-8	1/2"	12.8		16	31	39	415	6019
PDL0818	-8	1/2"	12.8		18	27	35.5	160	2320

STANDPIPE (2)

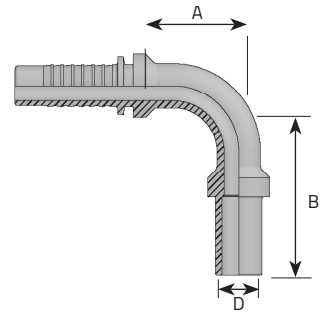
ERMETO DIRITTO
EMBOUT LISSE DROIT
ROHRSTUTZEN BEL - BES
ESPIGA LISA RECTA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	N	A	Bar	Psi
	Inch		mm	mm	mm	mm			
PDL1018	-10	5/8"	16		18	28	36	160	2320
PDL1020	-10	5/8"	16		20	35	43.5	350	5076
PDL1022	-10	5/8"	16		22	29	38	160	2320
PDL1218	-12	3/4"	19		18	26	34.5	160	2320
PDL1220	-12	3/4"	19		20	35	44	215	3118
PDL1222	-12	3/4"	19		22	29.5	38	160	2320
PDL1225	-12	3/4"	19		25	41	51	350	5076
PDL1625	-16	1"	25.4		25	39.5	50	165	2393
PDL1628	-16	1"	25.4		28	30.5	41	100	1450
PDL1630	-16	1"	25.4		30	43.5	54	250	3626
PDL2030	-20	1.1/4"	31.8		30	43	54.5	210	3046
PDL2035	-20	1.1/4"	31.8		35	35.5	46.5	100	1450
PDL2038	-20	1.1/4"	31.8		38	48	60	210	3046
PDL2438	-24	1.1/2"	38.1		38	48	60	170	2466
PDL2442	-24	1.1/2"	38.1		42	36	47	100	1450

STANDPIPE 90° ELBOW

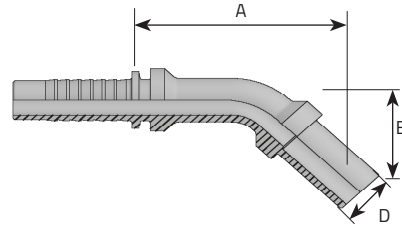
ERMETO 90°
 EMBOUT LISSE 90°
 BEL / S 90°
 CODO 90°



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	A	B	Bar	Psi
	Inch		mm		mm	mm	mm		
P90L0306	-3	3/16"	4.8		6	25	41.5	415	6019
P90L0406	-4	1/4"	6.4		6	25	43	415	6019
P90L0408	-4	1/4"	6.4		8	24	43	450	6526
P90L0510	-5	5/16"	7.9		10	32	51	350	5076
P90L0612	-6	3/8"	9.5		12	33	53	445	6454
P90L0815	-8	1/2"	12.8		15	39	60.5	250	3626
P90L1018	-10	5/8"	16		18	49	69	160	2320
P90L1222	-12	3/4"	19		22	58	76	160	2320
P90L1628	-16	1"	25.4		28	74	88	100	1450

STANDPIPE 45° ELBOW

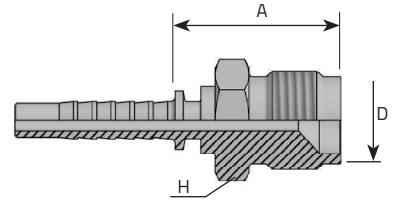
ERMETO 45°
EMBOU LISSE 45°
BEL / S 45°
CODO 45°



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	A	B	Bar	Psi
		Inch	mm		mm	mm	mm		
P45L0306	-3	3/16"	4.8		6	-	-	415	6019
P45L0406	-3	1/4"	6.4		6	-	-	415	6019
P45L0408	-4	1/4"	6.4		8	-	-	450	6526
P45L0510	-5	5/16"	7.9		10	-	-	350	5076
P45L0612	-6	3/8"	9.5		12	-	-	445	6454
P45L0815	-8	1/2"	12.8		15	-	-	250	3626
P45L1018	-10	5/8"	16		18	-	-	160	2320
P45L1222	-12	3/4"	19		22	-	-	160	2320
P45L1628	-16	1"	25.4		28	-	-	100	1450

METRIC MALE FOR AGRICULTURE VALVES

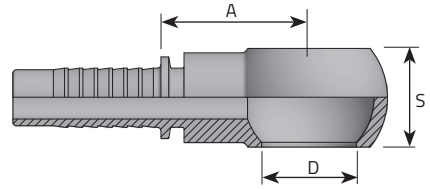
MASCHIO METRICO PER VALVOLE AGRICOLE
 MÉTRIQUE POUR VANNES AGRICOLES
 METRISCHER STECKER FÜR LANDWIRTSCHAFTLICHE VENTILE
 MACHO MÉTRICO PARA VALVULAS DE AGRICULTURA



Code	Tube		Thread	Dimensions			Pressure		
	D.N.	Hose		Diam	T	D	H	A	Bar
	Inch		mm	mm	mm	mm	mm		
MAV0418	-4	1/4"	6.4	M18 x 1.5	12	19	29	400	5801
MAV0518	-5	5/16"	7.9	M18 x 1.5	12	19	29	350	5076
MAV0618	-6	3/8"	9.5	M18 x 1.5	12	19	29	350	5076

BSP BANJO (1)

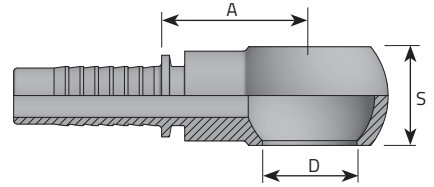
OCCHIO BSP
 BANJO VIS BSPP
 RINGNIPPEL FÜR HOHLSCHRAUBE BSP/RNR
 BANJO BSPP



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	S	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm		
OG0302	-3	3/16"	4.8	1/8"	10	10	19.5		
OG0304	-3	3/16"	4.8	1/4"	13.2	14	22.5		
OG0402	-4	1/4"	6.4	1/8"	10	10	24		
OG0404	-4	1/4"	6.4	1/4"	13.2	14	23		
OG0406	-4	1/4"	6.4	3/8"	16.7	17	26.5		
OG0408	-4	1/4"	6.4	1/2"	21	22	32.5		
OG0504	-5	5/16"	7.9	1/4"	13.2	14	24		
OG0506	-5	5/16"	7.9	3/8"	16.7	17	26.5		
OG0508	-5	5/16"	7.9	1/2"	21	22	27.5		
OG0604	-6	3/8"	9.5	1/4"	13.2	14	31.5		
OG0606	-6	3/8"	9.5	3/8"	16.7	17	26.5		
OG0608	-6	3/8"	9.5	1/2"	21	22	27.5		
OG0806	-8	1/2"	12.8	3/8"	16.7	17	31		
OG0808	-8	1/2"	12.8	1/2"	21	22	33		
OG0810	-8	1/2"	12.8	5/8"	23.3	24	32.5		
OG0812	-8	1/2"	12.8	3/4"	26.5	30	34.5		

BSP BANJO (2)

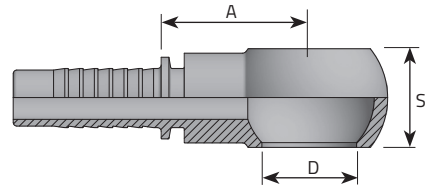
OCCHIO BSP
 BANJO VIS BSPP
 RINGNIPPEL FÜR HOHLSCHRAUBE BSP/RNR
 BANJO BSPP



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	S	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm		
OG1008	-10	5/8"	16	1/2"	21	22	31.5		
OG1010	-10	5/8"	16	5/8"	23.3	24	32.5		
OG1012	-10	5/8"	16	3/4"	26.5	30	34.5		
OG1212	-12	3/4"	19	3/4"	26.5	30	35		
OG1216	-12	3/4"	19	1"	33.4	38	48		
OG1612	-16	1"	25.4	3/4"	-	-	-		
OG1616	-16	1"	25.4	1"	33.4	38	43		
OG2020	-20	1.1/4"	31.8	1.1/4"	42.1	47	57.7		

METRIC BANJO (1)

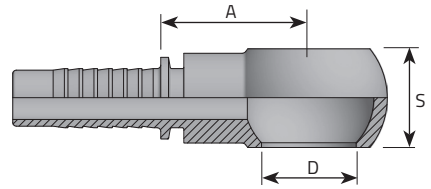
OCCHIO METRICO
 BANJO VIS MÉTRIQUE
 RINGNIPPEL FÜR HOHLSCHRAUBE METRISCH/RNM
 BANJO MÉTRICO



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	S	A	Bar	Psi
	Inch		mm		mm	mm	mm		
OM0310	-3	3/16"	4.8	M10 x 1	10.1	10	19.5		
OM0312	-3	3/16"	4.8	M12 x 1.5	12.1	12	21		
OM0314	-3	3/16"	4.8	M14 x 1.5	14.1	14	23		
OM0410	-4	1/4"	6.4	M10 x 1	10.1	10	24		
OM0412	-4	1/4"	6.4	M12 x 1.5	12.1	11	23		
OM0414	-4	1/4"	6.4	M14 x 1.5	14.1	14	23		
OM0416	-4	1/4"	6.4	M16 x 1.5	16.1	17	25		
OM0418	-4	1/4"	6.4	M18 x 1.5	18.1	20	29		
OM0512	-5	5/16"	7.9	M12 x 1.5	12.1	12	23		
OM0514	-5	5/16"	7.9	M14 x 1.5	14.1	14	24.5		
OM0516	-5	5/16"	7.9	M16 x 1.5	16.1	17	27		
OM0518	-5	5/16"	7.9	M18 x 1.5	18.1	20	29		
OM0520	-5	5/16"	7.9	M20 x 1.5	20.1	22	28		
OM0522	-5	5/16"	7.9	M22 x 1.5	22.1	22	28		
OM0614	-6	3/8"	9.5	M14 x 1.5	14.1	14	27		
OM0616	-6	3/8"	9.5	M16 x 1.5	16.1	17	27		

METRIC BANJO (2)

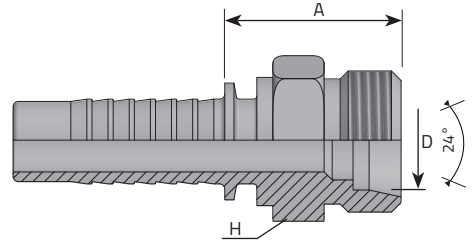
OCCHIO METRICO
 BANJO VIS MÉTRIQUE
 RINGNIPPEL FÜR HOHLSCHRAUBE METRISCH/RNM
 BANJO MÉTRICO



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	S	A	Bar	Psi
	Inch		mm		mm	mm	mm	mm	
OM0618	-6	3/8"	9.5	M18 x 1.5	18.1	20	28		
OM0620	-6	3/8"	9.5	M20 x 1.5	20.1	22	28.5		
OM0622	-6	3/8"	9.5	M22 x 1.5	22.1	22	28.5		
OM0818	-8	1/2"	12.8	M18 x 1.5	18.1	20	30		
OM0820	-8	1/2"	12.8	M20 x 1.5	20.1	22	34		
OM0822	-8	1/2"	12.8	M22 x 1.5	22.1	22	34		
OM0826	-8	1/2"	12.8	M26 x 1.5	26.5	30	34.5		
OM1022	-10	5/8"	16	M22 x 1.5	22.1	22	34		
OM1026	-10	5/8"	16	M26 x 1.5	26.5	30	34.5		
OM1226	-12	3/4"	19	M26 x 1.5	26.5	30	35		
OM1230	-12	3/4"	19	M30 x 1.5	30.1	36	41.5		
OM1630	-16	1"	25.4	M30 x 1.5	30.1	36	41.5		

METRIC MALE 24° CONE - FRENCH TYPE

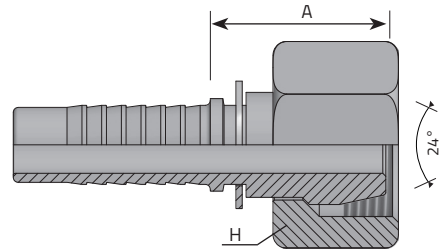
MASCHIO METRICO SV 24°SERIE FRANCESE
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE FRANÇAIS
 AGF 24° INNENKONUS (FRANZÖSISCHE SERIE)
 MACHO MÉTRICO CONO 24° - SERIE FRANCESCA



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	D	H	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm		
ME0413F	-4	1/4"	6.4	M20x1.5	13	22	26.7		
ME0513F	-5	5/16"	7.9	M20x1.5	13	22	26.7		
ME0613F	-6	3/8"	9.5	M20x1.5	13	22	26.7		
ME0617F	-6	3/8"	9.5	M24x1.5	17	27	30.2		
ME0817F	-8	1/2"	12.8	M24x1.5	17	27	30.7		
ME0821F	-8	1/2"	12.8	M30x1.5	21	32	31.2		
ME1021F	-10	5/8"	16	M30x1.5	21	32	31.2		
ME1221F	-12	3/4"	19	M30x1.5	21	32	31.7		
ME1227F	-12	3/4"	19	M36x1.5	27	38	31.7		
ME1633F	-16	1"	25.4	M45x1.5	33	46	37.2		
ME2033F	-20	1.1/4"	31.8	M45x1.5	33	46	38.2		

METRIC FEMALE 24° CONE - FRENCH TYPE

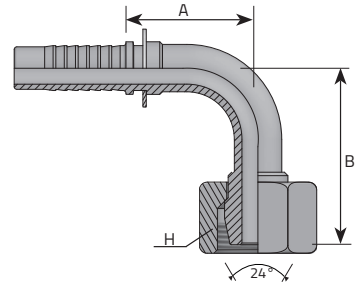
FEMMINA METRICA SV 24°SERIE FRANCESE
 FEMÂLE MÉTRIQUE CÔNE 24° - SÉRIE FRANÇAIS
 DKF 24° INNENKONUS (FRANZÖSISCHE SERIE)
 HEMBRA MÉTRICO CONO 24° - SERIE FRANCESA



Code	Tube			Thread	Dimensions		Pressure		
	D.N.	Hose	Diam		T	H	A	Bar	Psi
	Inch		mm		mm	mm	mm		
FE0413F	-4	1/4"	6.4	M20 x 1.5	24	23.5			
FE0513F	-5	5/16"	7.9	M20 x 1.5	24	23.5			
FE0613F	-6	3/8"	9.5	M20 x 1.5	24	23.5			
FE0617F	-6	3/8"	9.5	M24 x 1.5	30	27			
FE0817F	-8	1/2"	12.8	M24 x 1.5	30	27.5			
FE0821F	-8	1/2"	12.8	M30 x 1.5	36	31			
FE1021F	-10	5/8"	16	M30 x 1.5	36	31			
FE1221F	-12	3/4"	19	M30 x 1.5	36	31.5			
FE1227F	-12	3/4"	19	M36 x 1.5	41	34			
FE1633F	-16	1"	25.4	M45 x 1.5	50	34			
FE2033F	-20	1.1/4"	31.8	M45 x 1.5	50	34			

METRIC FEMALE 24° CONE - 90° ELBOW - FRENCH TYPE

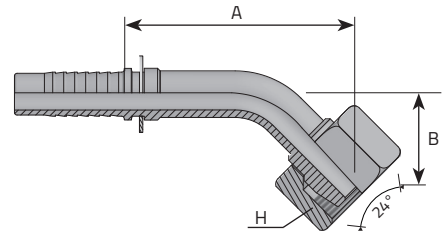
FEMMINA A 90° METRICA SV 24° SERIE FRANCESE
 FEMÂLE 90° MÉTRIQUE CÔNE 24° - SÉRIE FRANÇAIS
 DKF 90° BOGEN (FRANZÖSISCHE SERIE)
 HEMBRA GRATORIA MÉTRICA A 90° CONO 24° - SERIE FRANCESA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		T	H	B	A	Bar
	Inch		mm	mm	mm	mm	mm		
F90E0413F	-4	1/4"	6.4	M20x1.5	24	32.5	27		
F90E0513F	-5	5/16"	7.9	M20x1.5	24	39	29		
F90E0613F	-6	3/8"	9.5	M20x1.5	24	39.5	35.5		
F90E0617F	-6	3/8"	9.5	M24x1.5	30	48	36		
F90E0817F	-8	1/2"	12.8	M24x1.5	30	48	39.5		
F90E0821F	-8	1/2"	12.8	M30x1.5	36	61	45.5		
F90E1021F	-10	5/8"	16	M30x1.5	36	61	48.5		
F90E1221F	-12	3/4"	19	M30x1.5	36	64	56.5		
F90E1227F	-12	3/4"	19	M36x1.5	41	64	56.5		
F90E1633F	-16	1"	25.4	M45x1.5	50	91	86		
F90E2033F	-20	1.1/4"	31.8	M45x1.5	50	91	92		

METRIC FEMALE 24° CONE - 45° ELBOW - FRENCH TYPE

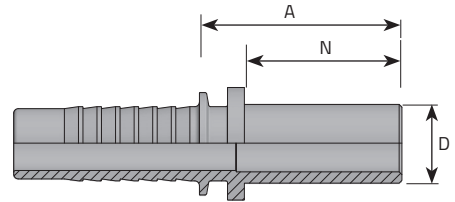
FEMMINA 45° METRICA SV 24° SERIE FRANCESE
 FEMELLE 45° MÉTRIQUE CÔNE 24° - SÉRIE FRANÇAIS
 DKF 45° BOGEN (FRANZÖSISCHE SERIE)
 HEMBRA GIRATORIA MÉTRICA A 45° CONO 24° - SERIE FRANCESA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		H	B	A	Bar	Psi
	Inch		mm	mm	mm	mm	mm		
F45E0413F	-4	1/4"	6.4	M20 x 1.5	24	18.5	50		
F45E0513F	-5	5/16"	7.9	M20 x 1.5	24	21	52		
F45E0613F	-6	3/8"	9.5	M20 x 1.5	24	18.5	58.5		
F45E0617F	-6	3/8"	9.5	M24 x 1.5	30	24	65.5		
F45E0817F	-8	1/2"	12.8	M24 x 1.5	30	24	68.5		
F45E0821F	-8	1/2"	12.8	M30 x 1.5	36	29	68		
F45E1021F	-10	5/8"	16	M30 x 1.5	36	29	68		
F45E1221F	-12	3/4"	19	M30 x 1.5	36	30	69		
F45E1227F	-12	3/4"	19	M36 x 1.5	41	31	73		
F45E1633F	-16	1"	25.4	M45 x 1.5	50	36	101		
F45E2033F	-20	1.1/4"	31.8	M45 x 1.5	50	38	107		

STANDPIPE FRENCH TYPE

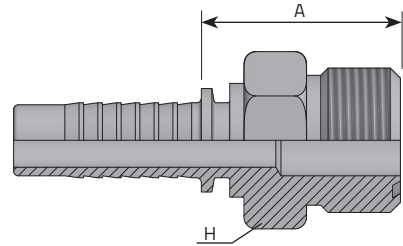
ERMETO DIRITTO FRANCESE
 EMBOUT LISSE DROIT - SÉRIE FRANÇAIS
 FRANZÖSISCHER ROHRSTUTZEN
 ESIPIGA LISA RECTA METRICA - SERIE FRANCESA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	N	A	Bar	Psi
	Inch		mm		mm	mm	mm		
PDL0413F	-4	1/4"	6.4		13	22	29.5		
PDL0513F	-5	5/16"	7.9		13	22	29.5		
PDL0613F	-6	3/8"	9.5		13	22	29.5		
PDL0617F	-6	3/8"	9.5		17	24	31.5		
PDL0817F	-8	1/2"	12.8		17	24	32.5		
PDL0821F	-8	1/2"	12.8		21	26	34.5		
PDL1021F	-10	5/8"	16		21	26	34.5		
PDL1221F	-12	3/4"	19		21	26	35.3		
PDL1227F	-12	3/4"	19		26	25	34.3		
PDL1633F	-16	1"	25.4		33	27	37.3		
PDL2033F	-20	1.1/4"	31.8		33	27	38		

ORFS MALE

MASCHIO ORFS
 MÅLE ORFS
 AGF ORFS STIRNDICHTEND
 MACHO ORFS

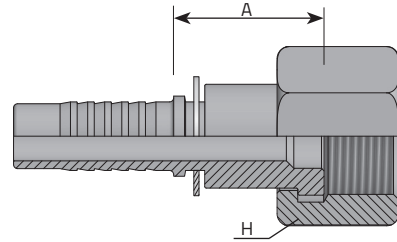


Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
MORFS0406	-4	1/4"	6.4	9/16"	18	17	24	450	6526
MORFS0409	-4	1/4"	6.4	11/16"	16	19	27.5	450	6526
MORFS0509	-5	5/16"	7.9	11/16"	16	19	27.5	350	5076
MORFS0609	-6	3/8"	9.5	11/16"	16	19	27.5	445	6454
MORFS0611	-6	3/8"	9.5	13/16"	16	22	30.5	445	6454
MORFS0613	-6	3/8"	9.5	1"	14	27	33.5	445	6454
MORFS0811	-8	1/2"	12.8	13/16"	16	27	34	415	6019
MORFS0813	-8	1/2"	12.8	1"	14	27	31.5	415	6019
MORFS0814	-8	1/2"	12.8	1.3/16"	16	32	36	415	6019
MORFS1013	-10	5/8"	16	1"	14	27	34	350	5076
MORFS1014	-10	5/8"	16	1.3/16"	12	32	37	350	5076
MORFS1214	-12	3/4"	19	1.3/16"	12	32	38	350	5076
MORFS1215	-12	3/4"	19	1.7/16"	12	41	38.5	350	5076
MORFS1615	-16	1"	25.4	1.7/16"	12	41	39.5	280	4061
MORFS2021	-20	1.1/4"	31.8	1.11/16"	12	46	40	210	3046
MORFS2432	-24	1.1/2"	38.1	2"	12	55	43	185	2683

ORFS FEMALE

FEMMINA ORFS
FEMELLE DROIT ORFS
ORFS – UNF GEWINDE
HEMBRA RECTA ORFS

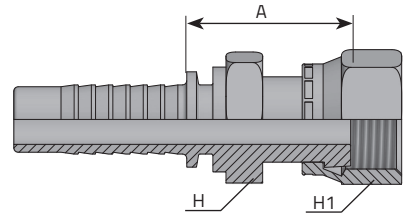
* CRIMPED NUT
DADO PINZATO



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm			
FORFS0406	-4	1/4"	6.4	9/16"	18	17	20.5	450	6526
FORFS0409	-4	1/4"	6.4	11/16"	16	22	23	450	6526
FORFS0411	-4	1/4"	6.4	13/16"	16	24	26	450	6526
FORFS0509	-5	5/16"	7.9	11/16"	16	22	23	350	5076
* FORFS0606	-6	3/8"	9.5	9/16"	18	19	25	445	6454
FORFS0609	-6	3/8"	9.5	11/16"	16	22	23.5	445	6454
FORFS0611	-6	3/8"	9.5	13/16"	16	24	26	445	6454
* FORFS0809	-8	1/2"	12.8	11/16"	16	22	29	415	6019
FORFS0811	-8	1/2"	12.8	13/16"	16	24	26.5	415	6019
FORFS0813	-8	1/2"	12.8	1"	14	30	30	415	6019
FORFS0814	-8	1/2"	12.8	1.3/16"	12	36	32.5	415	6019
FORFS1013	-10	5/8"	16	1"	14	30	30	350	5076
FORFS1014	-10	5/8"	16	1.3/16"	12	36	32	350	5076
FORFS1214	-12	3/4"	19	1.3/16"	12	36	33	350	5076
FORFS1215	-12	3/4"	19	1.7/16"	12	41	34	350	5076
* FORFS1614	-16	1"	25.4	1.3/16"	12	36	38.5	280	4061
FORFS1615	-16	1"	25.4	1.7/16"	12	41	35	280	4061
FORFS1621	-16	1"	25.4	1.11/16"	12	50	35	210	3046
FORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	35.5	210	3046
FORFS2432	-24	1.1/2"	38.1	2"	12	60	37	185	2683

ORFS FEMALE (DOUBLE HEXAGON)

FEMMINA DIRITTA ORFS DOPPIO ESAGONO
 FEMELLE DROIT ORFS
 ORFS – UNF GEWINDE
 HEMBRA GIRATORIA RECTA ORFS - DOBLE HEXAGONO

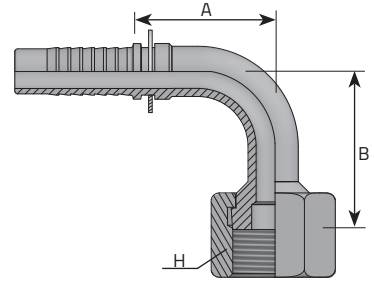


Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	H1	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
FORFS0406GIR	-4	1/4"	6.4	9/16"	18	19	19	30	450	6526
FORFS0409GIR	-4	1/4"	6.4	11/16"	16	17	22	31.5	450	6526
FORFS0509GIR	-5	5/16"	7.9	11/16"	16	17	22	32	350	5076
FORFS0606GIR	-6	3/8"	9.5	9/16"	18	17	17	30.5	445	6453
FORFS0609GIR	-6	3/8"	9.5	11/16"	16	22	22	34	445	6453
FORFS0611GIR	-6	3/8"	9.5	13/16"	16	24	24	40.5	445	6453
FORFS0809GIR	-8	1/2"	12.8	11/16"	16	22	22	31.5	415	6018
FORFS0811GIR	-8	1/2"	12.8	13/16"	16	24	24	41	415	6018
FORFS0813GIR	-8	1/2"	12.8	1"	14	24	30	39	415	6018
FORFS0814GIR	-8	1/2"	12.8	1.3/16"	16	30	36	44	315	4568
FORFS1013GIR	-10	5/8"	16	1"	14	24	30	39	350	5076
FORFS1014GIR	-10	5/8"	16	1.3/16"	16	30	36	44	350	5076
FORFS1213GIR	-12	3/4"	19	1"	14	27	30	42	350	5076
FORFS1214GIR	-12	3/4"	19	1.3/16"	16	30	36	44.6	350	5076
FORFS1215GIR	-12	3/4"	19	1.7/16"	12	36	41	51.5	350	5076
FORFS1614GIR	-16	1"	25.4	1.3/16"	16	36	36	45.5	280	4061
FORFS1615GIR	-16	1"	25.4	1.7/16"	12	36	41	52.5	280	4061
FORFS1621GIR	-16	1"	25.4	1.11/16"	12	41	50	55	210	3045
FORFS2021GIR	-20	1.1/4"	31.8	1.11/16"	12	41	50	56	210	3045
FORFS2432GIR	-24	1.1/2"	38.1	2"	12	50	60	61.2	185	2683

ORFS FEMALE SWIVEL 90° ELBOW

FEMMINA 90° ORFS
 FEMELLE 90° ORFS
 DK 90° BOGEN ORFS UNF STIRNDICHTEND
 HEMBRA GIRATORIA A 90° ORFS

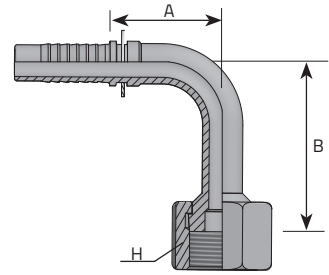
* CRIMPED NUT
 DADO PINZATO



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch			mm	mm	mm		
F900RFS0406	-4	1/4"	6.4	9/16"	18	17	29.5	28	450	6526
F900RFS0409	-4	1/4"	6.4	11/16"	16	22	30	28	450	6526
F900RFS0411	-4	1/4"	6.4	13/16"	16	24	32	29.5	450	6526
F900RFS0509	-5	5/16"	7.9	11/16"	16	22	29	29	350	5076
* F900RFS0606	-6	3/8"	9.5	9/16"	18	19	44	32.5	445	6454
F900RFS0609	-6	3/8"	9.5	11/16"	16	22	29	36	445	6454
F900RFS0611	-6	3/8"	9.5	13/16"	16	24	32	34	445	6454
* F900RFS0809	-8	1/2"	12.8	11/16"	16	22	51	40.5	415	6019
F900RFS0811	-8	1/2"	12.8	13/16"	16	24	36	37.5	415	6019
F900RFS0813	-8	1/2"	12.8	1"	14	30	39	39	415	6019
F900RFS0814	-8	1/2"	12.8	1.3/16"	12	36	41	38	415	6019
F900RFS1013	-10	5/8"	16	1"	14	30	43.5	51.5	350	5076
F900RFS1014	-10	5/8"	16	1.3/16"	12	36	48	46.5	350	5076
F900RFS1214	-12	3/4"	19	1.3/16"	12	36	49	56	350	5076
F900RFS1215	-12	3/4"	19	1.7/16"	12	41	54	56.5	350	5076
* F900RFS1614	-16	1"	25.4	1.3/16"	12	36	85	70	280	4061
F900RFS1615	-16	1"	25.4	1.7/16"	12	41	59.5	74	280	4061
F900RFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	75.5	90	210	3046
F900RFS2432	-24	1.1/2"	38.1	2"	12	60	84	99	185	2683

ORFS FEMALE SWIVEL - 90° ELBOW - LONG DROP

FEMMINA 90° ORFS LONG DROP
 FEMELLE 90° ORFS
 DK 90° BOGEN ORFS UNF STIRNDICHTEND
 HEMBRA GIRATORIA A 90° ORFS

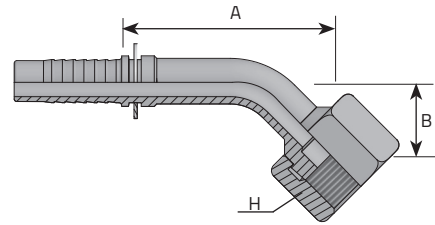


Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch	mm	mm	mm	mm	mm		
F900RFS0406LD	-4	1/4"	6.4	9/16"	18	17	45	26.5	450	6526
F900RFS0609LD	-6	3/8"	9.5	11/16"	16	22	51.5	32	445	6454
F900RFS0611LD	-6	3/8"	9.5	13/16"	16	24	51	36	445	6454
F900RFS0811LD	-8	1/2"	12.8	13/16"	16	24	63	37.5	415	6019
F900RFS0813LD	-8	1/2"	12.8	1"	14	30	64	37	415	6019
F900RFS1013LD	-10	5/8"	16	1"	14	30	63	45	350	5076
F900RFS1014LD	-10	5/8"	16	1.3/16"	12	36	71	45	350	5076
F900RFS1214LD	-12	3/4"	19	1.3/16"	12	36	90	51	350	5076
F900RFS1615LD	2-16	1"	25.4	1.7/16"	12	41	108	69	280	4061

ORFS FEMALE SWIVEL - 45° ELBOW

FEMMINA 45° ORFS
 FEMELLE 45° ORFS
 DK 45° BOGEN ORFS UNF STIRNDICHTEND
 HEMBRA GIRATORIA A 45° ORFS

* CRIMPED NUT
 DADO PINZATO

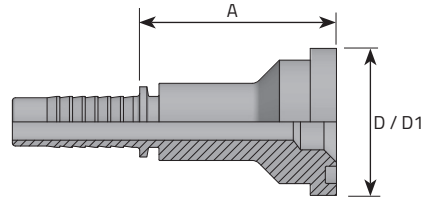


Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F45ORFS0406	-4	1/4"	6.4	9/16"	18	17	15	45	450	6526
F45ORFS0409	-4	1/4"	6.4	11/16"	16	22	15.5	45.5	450	6526
F45ORFS0411	-4	1/4"	6.4	13/16"	16	24	18	49	450	6526
F45ORFS0509	-5	5/16"	7.9	11/16"	16	22	15.5	46	350	5076
* F45ORFS0606	-6	3/8"	9.5	9/16"	18	19	24	55	445	6454
F45ORFS0609	-6	3/8"	9.5	11/16"	16	22	13	51	445	6454
F45ORFS0611	-6	3/8"	9.5	13/16"	16	24	17	52	445	6454
* F45ORFS0809	-8	1/2"	12.8	11/16"	16	22	26	72	415	6019
F45ORFS0811	-8	1/2"	12.8	13/16"	16	24	18	58	415	6019
F45ORFS0813	-8	1/2"	12.8	1"	14	30	20	61	415	6019
F45ORFS0814	-8	1/2"	12.8	1.3/16"	12	36	24	62	415	6019
F45ORFS1013	-10	5/8"	16	1"	14	30	20	55	350	5076
F45ORFS1014	-10	5/8"	16	1.3/16"	12	36	21	57	350	5076
F45ORFS1214	-12	3/4"	19	1.3/16"	12	36	23	58	350	5076
F45ORFS1215	-12	3/4"	19	1.7/16"	12	41	27	62.5	350	5076
* F45ORFS1614	-16	1"	25.4	1.3/16"	12	36	43	96.5	280	4061
F45ORFS1615	-16	1"	25.4	1.7/16"	12	41	26	81	280	4061
F45ORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	34	93	210	3046
F45ORFS2432	-24	1.1/2"	38.1	2"	12	60	45	112	185	2683

FLANGE CODE 61 - 3000 PSI

FLANGIA 3000 PSI
 BRIDE DROIT 3000 PSI (PIÈCE ENTIER)
 FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA RECTA 3000 PSI (PIEZA UNICA)

* komatsu flange / Flangia Komatsu/ Bride komatsu /
 Flange komatsu / Brida komatsu
 Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

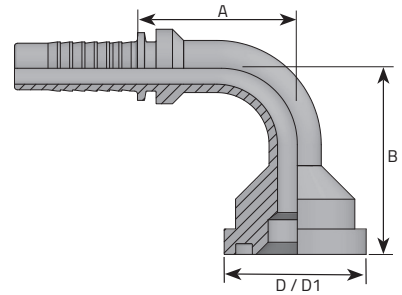


	Code	Tube			Thread	Dimensions			Pressure	
		D.N.	Hose	Diam		D	D1	A	Bar	Psi
		Inch		mm		Inch	mm	mm		
	FDL0808I	-8	1/2"	12.8		1/2"	30.2	49	350	5076
*	FDL0810I	-8	1/2"	12.8		5/8"	34	48	350	5076
	FDL0812I	-8	1/2"	12.8		3/4"	38.1	52	350	5076
	FDL1008I	-10	5/8"	16		1/2"	30.2	49	350	5076
*	FDL1010I	-10	5/8"	16		5/8"	34	49	350	5076
	FDL1012I	-10	5/8"	16		3/4"	38.1	48	350	5076
	FDL1208I	-12	3/4"	19		1/2"	30.2	47	350	5076
	FDL1212I	-12	3/4"	19		3/4"	38.1	47	350	5076
	FDL1216I	-12	3/4"	19		1"	44.5	50	350	5076
	FDL1612I	-16	1"	25.4		3/4"	38.1	50	280	4061
	FDL1616I	-16	1"	25.4		1"	44.5	50	280	4061
	FDL1620I	-16	1"	25.4		1.1/4"	50.8	67	280	4061
	FDL2016I	-20	1.1/4"	31.8		1"	44.5	57	210	3046
	FDL2020I	-20	1.1/4"	31.8		1.1/4"	50.8	65	210	3046
	FDL2024I	-20	1.1/4"	31.8		1.1/2"	60.3	70	210	3046
	FDL2424I	-24	1.1/2"	38.1		1.1/2"	60.3	70	185	2683
	FDL2432I	-24	1.1/2"	38.1		2"	71.4	72	185	2683
	FDL3232I	-32	2"	50.8		2"	71.4	73	170	2466

FLANGE CODE 61 - 3000 PSI - 90° ELBOW

FLANGIA 90° SAE J518 3000 PSI INTERA
 BRIDE 90° 3000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 90° 3000 PSI (PIEZA UNICA)

* komatsu flange / Flangia Komatsu/ Bride komatsu /
 Flange komatsu / Brida komatsu
 Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

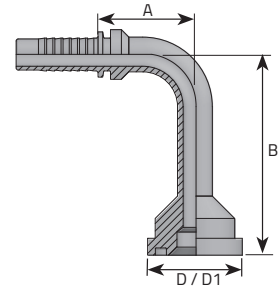


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
F90L0808I	-8	1/2"	12.8	1/2"	30.2	43	39	350	5076	
* F90L0810I	-8	1/2"	12.8	5/8"	34	47	39	350	5076	
F90L0812I	-8	1/2"	12.8	3/4"	38.1	50	39	350	5076	
F90L1008I	-10	5/8"	16	1/2"	30.2	49	49	350	5076	
* F90L1010I	-10	5/8"	16	5/8"	34	52	49	350	5076	
F90L1012I	-10	5/8"	16	3/4"	38.1	55	49	350	5076	
F90L1208I	-12	3/4"	19	1/2"	30.2	52	57	350	5076	
F90L1212I	-12	3/4"	19	3/4"	38.1	58	57	350	5076	
F90L1216I	-12	3/4"	19	1"	44.5	62	57	350	5076	
F90L1612I	-16	1"	25.4	3/4"	38.1	60	77	280	4061	
F90L1616I	-16	1"	25.4	1"	44.5	64	77	280	4061	
F90L1620I	-16	1"	25.4	1.1/4"	50.8	70	77	280	4061	
F90L2016I	-20	1.1/4"	31.8	1"	44.5	82	89	210	3046	
F90L2020I	-20	1.1/4"	31.8	1.1/4"	50.8	87	89	210	3046	
F90L2024I	-20	1.1/4"	31.8	1.1/2"	60.3	88	89	210	3046	
F90L2424I	-24	1.1/2"	38.1	1.1/2"	60.3	102	101	185	2683	
F90L2432I	-24	1.1/2"	38.1	2"	71.4	118	101	185	2683	
F90L3232I	-32	2"	50.8	2"	71.4	120	144	170	2466	

FLANGE CODE 61 - 3000 PSI - 90° ELBOW (LONG DROP)

FLANGIA A 90° INTERA SAE 3000 LONG DROP
 BRIDE 90° 3000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 90° 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

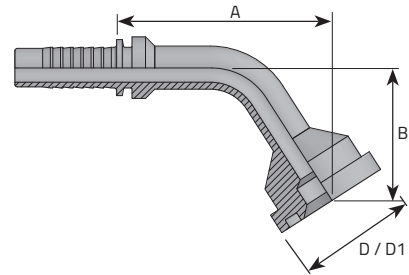


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
F90L1212ILD	-12	3/4"	19		3/4"	38.1	96.8	57	350	5076
F90L1216ILD	-16	3/4"	25.4		1"	44.5	134.5	57	350	5076
F90L1616ILD	-16	1"	25.4		1"	44.5	115.5	77	280	4061
F90L2020ILD	-20	1.1/4"	31.8		1.1/4"	50.8	114.2	89	210	3046
F90L2424ILD	-24	1.1/2"	38.1		1.1/2"	60.3	131.4	101	185	2683

FLANGE CODE 61 - 3000 PSI - 60° ELBOW

FLANGIA 60° SAE J518 3000 PSI INTERA
 BRIDE 60° 3000 PSI (PIÈCE ENTIER)
 60° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 60° 3000 PSI (PIEZA UNICA)

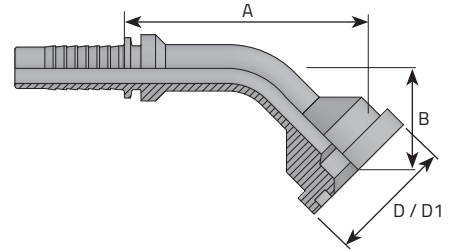
* komatsu flange / Flangia Komatsu/ Bride komatsu /
 Flange komatsu / Brida komatsu
 Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring



Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch	mm	mm		Inch	mm	mm	mm		
F60L0808I	-8	1/2"	12.8		1/2"	30.2	-	63	350	5076
* F60L0810I	-8	1/2"	12.8		5/8"	34	-	68	350	5076
F60L0812I	-8	1/2"	12.8		3/4"	38.1	-	68	350	5076
F60L1008I	-10	5/8"	16		1/2"	30.2	-	59	350	5076
* F60L1010I	-10	5/8"	16		5/8"	34	-	63	350	5076
F60L1012I	-10	5/8"	16		3/4"	38.1	-	63	350	5076
F60L1208I	-12	3/4"	19		1/2"	30.2	-	63	350	5076
F60L1212I	-12	3/4"	19		3/4"	38.1	-	67	350	5076
F60L1216I	-16	3/4"	25.4		1"	44.5	-	70	350	5076
F60L1612I	-16	1"	25.4		3/4"	38.1	-	83	280	4061
F60L1616I	-16	1"	25.4		1"	44.5	-	86	280	4061
F60L1620I	-16	1"	25.4		1.1/4"	50.8	-	90	280	4061
F60L2016I	-20	1.1/4"	31.8		1"	44.5	-	96	210	3046
F60L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	-	100	210	3046
F60L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	-	101	210	3046
F60L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	-	112	185	2683
F60L2432I	-24	1.1/2"	38.1		2"	71.4	-	123	185	2683
F60L3232I	-32	2"	50.8		2"	71.4	-	148	170	2466

FLANGE CODE 61 - 3000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 3000 PSI INTERA
 BRIDE 45° 3000 PSI (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 45° 3000 PSI (PIEZA UNICA)

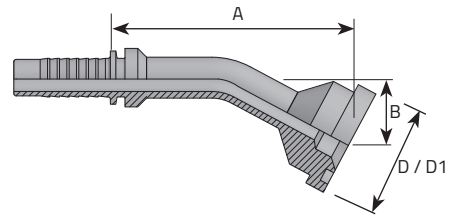


* komatsu flange / Flangia Komatsu/ Bride komatsu /
 Flange komatsu / Brida komatsu
 Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm		Inch	mm	mm	mm		
F45L0808I	-8	1/2"	12.8		1/2"	30.2	23	63	350	5076
* F45L0810I	-8	1/2"	12.8		5/8"	34	25	68	350	5076
F45L0812I	-8	1/2"	12.8		3/4"	38.1	28	68	350	5076
F45L1008I	-10	5/8"	16		1/2"	30.2	26	59	350	5076
* F45L1010I	-10	5/8"	16		5/8"	34	30	63	350	5076
F45L1012I	-10	5/8"	16		3/4"	38.1	30	63	350	5076
F45L1208I	-12	3/4"	19		1/2"	30.2	28	63	350	5076
F45L1212I	-12	3/4"	19		3/4"	38.1	32	67	350	5076
F45L1216I	-16	3/4"	25.4		1"	44.5	35	70	350	5076
F45L1612I	-16	1"	25.4		3/4"	38.1	35x	83	280	4061
F45L1616I	-16	1"	25.4		1"	44.5	32	86	280	4061
F45L1620I	-16	1"	25.4		1.1/4"	50.8	36	90	280	4061
F45L2016I	-20	1.1/4"	31.8		1"	44.5	36	96	210	3046
F45L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	43	100	210	3046
F45L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	44	101	210	3046
F45L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	41	112	185	2683
F45L2432I	-24	1.1/2"	38.1		2"	71.4	52	123	185	2683
F45L3232I	-32	2"	50.8		2"	71.4	59	148	170	2466

FLANGE CODE 61 - 3000 PSI - 30° ELBOW

FLANGIA 30° SAE J518 3000 PSI INTERA
 BRIDE 30° 3000 PSI (PIÈCE ENTIER)
 30° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA 30° A 3000 PSI (PIEZA UNICA)

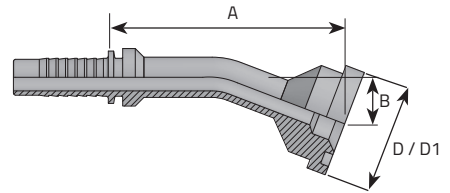


* komatsu flange / Flangia Komatsu/ Bride komatsu /
 Flange komatsu / Brida komatsu
 Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F30L0808I	-8	1/2"	12.8		1/2"	30.2	-	63	350	5076
* F30L0810I	-8	1/2"	12.8		5/8"	34	-	68	350	5076
F30L0812I	-8	1/2"	12.8		3/4"	38.1	-	68	350	5076
F30L1008I	-10	5/8"	16		1/2"	30.2	-	59	350	5076
* F30L1010I	-10	5/8"	16		5/8"	34	-	63	350	5076
F30L1012I	-10	5/8"	16		3/4"	38.1	-	63	350	5076
F30L1208I	-12	3/4"	19		1/2"	30.2	-	63	350	5076
F30L1212I	-12	3/4"	19		3/4"	38.1	-	67	350	5076
F30L1216I	-16	3/4"	25.4		1"	44.5	-	70	350	5076
F30L1612I	-16	1"	25.4		3/4"	38.1	-	83	280	4061
F30L1616I	-16	1"	25.4		1"	44.5	-	86	280	4061
F30L1620I	-16	1"	25.4		1.1/4"	50.8	-	90	280	4061
F30L2016I	-20	1.1/4"	31.8		1"	44.5	-	96	210	3046
F30L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	-	100	210	3046
F30L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	-	101	210	3046
F30L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	-	112	185	2683
F30L2432I	-24	1.1/2"	38.1		2"	71.4	-	123	185	2683
F30L3232I	-32	2"	50.8		2"	71.4	-	148	170	2466

FLANGE CODE 61- 3000 PSI - 22.5° ELBOW

FLANGIA 22.5° SAE J518 3000 PSI INTERA
 BRIDE 22.5° 3000 PSI (PIÈCE ENTIER)
 22.5° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 22.5° 3000 PSI (PIEZA UNICA)



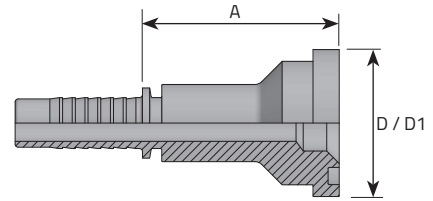
* komatsu flange / Flangia Komatsu/ Bride komatsu /
 Flange komatsu / Brida komatsu
 Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

	Code	Tube			Thread	Dimensions				Pressure	
		D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
		Inch		mm		Inch	mm	mm	mm		
	F22.5L0808I	-8	1/2"	12.8		1/2"	30.2	-	63	350	5076
*	F22.5L0810I	-8	1/2"	12.8		5/8"	34	-	68	350	5076
	F22.5L0812I	-8	1/2"	12.8		3/4"	38.1	-	68	350	5076
	F22.5L1008I	-10	5/8"	16		1/2"	30.2	-	59	350	5076
*	F22.5L1010I	-10	5/8"	16		5/8"	34	-	63	350	5076
	F22.5L1012I	-10	5/8"	16		3/4"	38.1	-	63	350	5076
	F22.5L1208I	-12	3/4"	19		1/2"	30.2	-	63	350	5076
	F22.5L1212I	-12	3/4"	19		3/4"	38.1	-	67	350	5076
	F22.5L1216I	-16	3/4"	25.4		1"	44.5	-	70	350	5076
	F22.5L1612I	-16	1"	25.4		3/4"	38.1	-	83	280	4061
	F22.5L1616I	-16	1"	25.4		1"	44.5	-	86	280	4061
	F22.5L1620I	-16	1"	25.4		1.1/4"	50.8	-	90	280	4061
	F22.5L2016I	-20	1.1/4"	31.8		1"	44.5	-	96	210	3046
	F22.5L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	-	100	210	3046
	F22.5L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	-	101	210	3046
	F22.5L2424I	-24	1.1/2"	38.1		1.1/2"	60.3	-	112	185	2683
	F22.5L2432I	-24	1.1/2"	38.1		2"	71.4	-	123	185	2683
	F22.5L3232I	-32	2"	50.8		2"	71.4	-	148	170	2466

FLANGE CODE 62 - 6000 PSI

FLANGIA DIRITTA SAE J518 6000 PSI INTERA
 BRIDE DROIT 6000 PSI (PIÈCE ENTIER)
 FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA RECTA 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

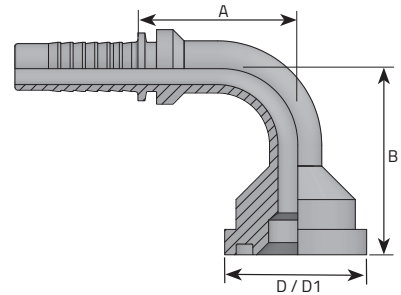


Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	D1	A	Bar	Psi
	Inch		mm	Inch	mm	mm			
FDP0808I	-8	1/2"	12.8		1/2"	31.7	50	415	6019
FDP0812I	-8	1/2"	12.8		3/4"	41.3	55	415	6019
FDP1008I	-10	5/8"	16		1/2"	31.7	50	350	5076
FDP1012I	-10	5/8"	16		3/4"	41.3	51	350	5076
FDP1208I	-12	3/4"	19		1/2"	31.7	53	350	5076
FDP1212I	-12	3/4"	19		3/4"	41.3	53	350	5076
FDP1216I	-12	3/4"	19		1"	47.6	64	350	5076
FDP1612I	-16	1"	25.4		3/4"	41.3	64	280	4061
FDP1616I	-16	1"	25.4		1"	47.6	66	280	4061
FDP1620I	-16	1"	25.4		1.1/4"	54	71	280	4061
FDP2016I	-20	1.1/4"	31.8		1"	47.6	66	210	3046
FDP2020I	-20	1.1/4"	31.8		1.1/4"	54	67	210	3046
FDP2024I	-20	1.1/4"	31.8		1.1/2"	63.5	78	210	3046
FDP2424I	-24	1.1/2"	38.1		1.1/2"	63.5	78	185	2683
FDP2432I	-24	1.1/2"	38.1		2"	79.4	73	185	2683
FDP3232I	-32	2"	50.8		2"	79.4	73	172	2495

FLANGE CODE 62 - 6000 PSI - 90° ELBOW

FLANGIA A 90° SAE J518 6000 PSI INTERA
 BRIDE 90° 6000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A 90° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

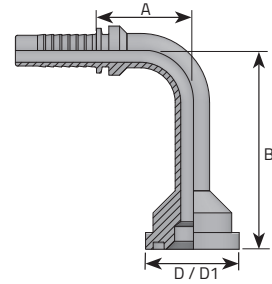


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm		Inch	mm	mm	mm		
F90P0808I	-8	1/2"	12.8		1/2"	31.7	44	39	415	6019
F90P0812I	-8	1/2"	12.8		3/4"	41.3	51	39	415	6019
F90P1008I	-10	5/8"	16		1/2"	31.7	50	49	350	5076
F90P1012I	-10	5/8"	16		3/4"	41.3	59	49	350	5076
F90P1208I	-12	3/4"	19		1/2"	31.7	53	57	350	5076
F90P1212I	-12	3/4"	19		3/4"	41.3	62	57	350	5076
F90P1216I	-12	3/4"	19		1"	47.6	67	57	350	5076
F90P1612I	-16	1"	25.4		3/4"	41.3	64	77	280	4061
F90P1616I	-16	1"	25.4		1"	47.6	69	77	280	4061
F90P1620I	-16	1"	25.4		1.1/4"	54	73	77	280	4061
F90P2016I	-20	1.1/4"	31.8		1"	47.6	87	89	210	3046
F90P2020I	-20	1.1/4"	31.8		1.1/4"	54	93	89	210	3046
F90P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	97	89	210	3046
F90P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	111	101	185	2683
F90P2432I	-24	1.1/2"	38.1		2"	79.4	126	101	185	2683
F90P3232I	-32	2"	50.8		2"	79.4	128	144	172	2495

FLANGE CODE 62 6000 PSI - 90° ELBOW (LONG DROP)

FLANGIA A 90° INTERA SAE 6000 LONG DROP
 BRIDE 90° 6000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A 90° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

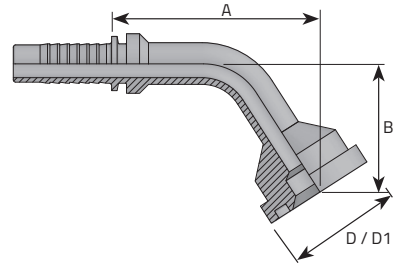


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm		Inch	mm	mm	mm		
F90P1212I LD	20	3/4"	12		3/4"	41.3	100	57	350	5076
F90P1216I LD	20	3/4"	12		1"	47.6	137	57	350	5076
F90P1616I LD	25	1"	16		1"	47.6	120	77	280	4061
F90P2020I LD	32	1.1/4"	20		1.1/4"	54	115	89	210	3046
F90P2424I LD	40	1.1/2"	24		1.1/2"	63.5	135	95	185	2683

FLANGE CODE 62 6000 PSI - 60° ELBOW

FLANGIA A 60° SAE J518 6000 PSI INTERA
 BRIDE 60° 6000 PSI (PIÈCE ENTIER)
 60° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A60° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

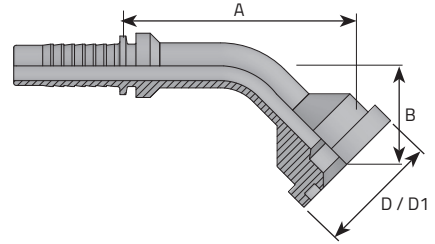


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm		Inch	mm	mm	mm		
F60P0808I	-8	1/2"	12.8		1/2"	31.7	-	64	415	6019
F60P0812I	-8	1/2"	12.8		3/4"	41.3	-	69	415	6019
F60P1008I	-10	5/8"	16		1/2"	31.7	-	60	350	5076
F60P1012I	-10	5/8"	16		3/4"	41.3	-	66	350	5076
F60P1208I	-12	3/4"	19		1/2"	31.7	-	64	350	5076
F60P1212I	-12	3/4"	19		3/4"	41.3	-	70	350	5076
F60P1216I	-12	3/4"	19		1"	47.6	-	74	350	5076
F60P1612I	-16	1"	25.4		3/4"	41.3	-	86	280	4061
F60P1616I	-16	1"	25.4		1"	47.6	-	89	280	4061
F60P1620I	-16	1"	25.4		1.1/4"	54	-	94	280	4061
F60P2016I	-20	1.1/4"	31.8		1"	47.6	-	100	210	3046
F60P2020I	-20	1.1/4"	31.8		1.1/4"	54	-	104	210	3046
F60P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	-	107	210	3046
F60P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	-	118	185	2683
F60P2432I	-24	1.1/2"	38.1		2"	79.4	-	119	185	2683
F60P3232I	-32	2"	50.8		2"	79.4	-	153	172	2495

FLANGE CODE 62 - 6000 PSI - 45° ELBOW

FLANGIA A 45° SAE J518 6000 PSI INTERA
 BRIDE 45° 6000 PSI (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A 45° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

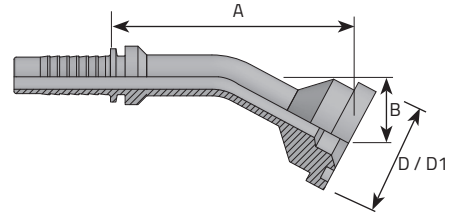


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
F45P0808I	-8	1/2"	12.8	1/2"	31.7	23	64	415	6019	
F45P0812I	-8	1/2"	12.8	3/4"	41.3	28	69	415	6019	
F45P1008I	-10	5/8"	16	1/2"	31.7	26	60	350	5076	
F45P1012I	-10	5/8"	16	3/4"	41.3	30	66	350	5076	
F45P1208I	-12	3/4"	19	1/2"	31.7	28	64	350	5076	
F45P1212I	-12	3/4"	19	3/4"	41.3	32	70	350	5076	
F45P1216I	-12	3/4"	19	1"	47.6	35	74	350	5076	
F45P1612I	-16	1"	25.4	3/4"	41.3	35	86	280	4061	
F45P1616I	-16	1"	25.4	1"	47.6	32	89	280	4061	
F45P1620I	-16	1"	25.4	1.1/4"	54	36	94	280	4061	
F45P2016I	-20	1.1/4"	31.8	1"	47.6	36	100	210	3046	
F45P2020I	-20	1.1/4"	31.8	1.1/4"	54	43	104	210	3046	
F45P2024I	-20	1.1/4"	31.8	1.1/2"	63.5	44	107	210	3046	
F45P2424I	-24	1.1/2"	38.1	1.1/2"	63.5	41	118	185	2683	
F45P2432I	-24	1.1/2"	38.1	2"	79.4	52	119	185	2683	
F45P3232I	-32	2"	50.8	2"	79.4	59	153	172	2495	

FLANGE CODE 62 - 6000 PSI - 30° ELBOW

FLANGIA A 30° SAE J518 6000 PSI INTERA
 BRIDE 30° 6000 PSI (PIÈCE ENTIER)
 30° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A 30° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

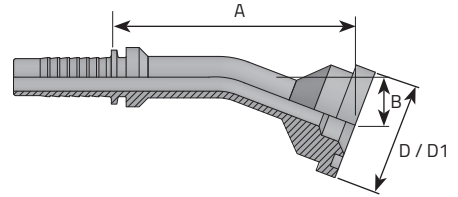


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm		Inch	mm	mm	mm		
F30P0808I	-8	1/2"	12.8		1/2"	31.7	-	64	415	6019
F30P0812I	-8	1/2"	12.8		3/4"	41.3	-	69	415	6019
F30P1008I	-10	5/8"	16		1/2"	31.7	-	60	350	5076
F30P1012I	-10	5/8"	16		3/4"	41.3	-	66	350	5076
F30P1208I	-12	3/4"	19		1/2"	31.7	-	64	350	5076
F30P1212I	-12	3/4"	19		3/4"	41.3	-	70	350	5076
F30P1216I	-12	3/4"	19		1"	47.6	-	74	350	5076
F30P1612I	-16	1"	25.4		3/4"	41.3	-	86	280	4061
F30P1616I	-16	1"	25.4		1"	47.6	-	89	280	4061
F30P1620I	-16	1"	25.4		1.1/4"	54	-	94	280	4061
F30P2016I	-20	1.1/4"	31.8		1"	47.6	-	100	210	3046
F30P2020I	-20	1.1/4"	31.8		1.1/4"	54	-	104	210	3046
F30P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	-	107	210	3046
F30P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	-	118	185	2683
F30P2432I	-24	1.1/2"	38.1		2"	79.4	-	119	185	2683
F30P3232I	-32	2"	50.8		2"	79.4	-	153	172	2495

FLANGE CODE 62 - 6000 PSI - 22.5° ELBOW

FLANGIA A 22.5° SAE J518 6000 PSI INTERA
 BRIDE 22.5° 6000 PSI (PIÈCE ENTIER)
 22.5° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A 22.5° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

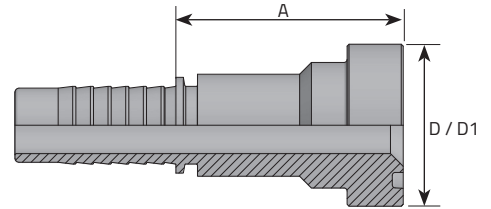


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
F22.5P0808I	-8	1/2"	12.8	1/2"	31.7	-	64	415	6019	
F22.5P0812I	-8	1/2"	12.8	3/4"	41.3	-	69	415	6019	
F22.5P1008I	-10	5/8"	16	1/2"	31.7	-	60	350	5076	
F22.5P1012I	-10	5/8"	16	3/4"	41.3	-	66	350	5076	
F22.5P1208I	-12	3/4"	19	1/2"	31.7	-	64	350	5076	
F22.5P1212I	-12	3/4"	19	3/4"	41.3	-	70	350	5076	
F22.5P1216I	-12	3/4"	19	1"	47.6	-	74	350	5076	
F22.5P1612I	-16	1"	25.4	3/4"	41.3	-	86	280	4061	
F22.5P1616I	-16	1"	25.4	1"	47.6	-	89	280	4061	
F22.5P1620I	-16	1"	25.4	1.1/4"	54	-	94	280	4061	
F22.5P2016I	-20	1.1/4"	31.8	1"	47.6	-	100	210	3046	
F22.5P2020I	-20	1.1/4"	31.8	1.1/4"	54	-	104	210	3046	
F22.5P2024I	-20	1.1/4"	31.8	1.1/2"	63.5	-	107	210	3046	
F22.5P2424I	-24	1.1/2"	38.1	1.1/2"	63.5	-	118	185	2683	
F22.5P2432I	-24	1.1/2"	38.1	2"	79.4	-	119	185	2683	
F22.5P3232I	-32	2"	50.8	2"	79.4	-	153	172	2495	

SUPERCAT FLANGE

FLANGIA DIRITTA SUPERCAT INTERA
 EMBOUT À BRIDE SUPERCAT DROITE (PIÈCE ENTIER)
 FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA RECTA SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

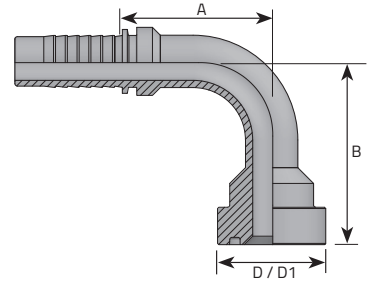


Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	D1	A	Bar	Psi
	Inch		mm		Inch	mm	mm		
FDS1212I	-12	3/4"	19		3/4"	41.3	58	350	5076
FDS1216I	-12	3/4"	19		1"	47.6	70	350	5076
FDS1616I	-16	1"	25.4		1"	47.6	72	280	4061
FDS1620I	-16	1"	25.4		1.1/4"	54	75	280	4061
FDS2020I	-20	1.1/4"	31.8		1.1/4"	54	71	210	3046
FDS2024I	-20	1.1/4"	31.8		1.1/2"	63.5	80	210	3046
FDS2424I	-24	1.1/2"	38.1		1.1/2"	63.5	80	185	2683

SUPERCAT FLANGE - 90° ELBOW

FLANGIA 90° SUPERCAT INTERA
 BRIDE 90° SUPERCAT (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA 90° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

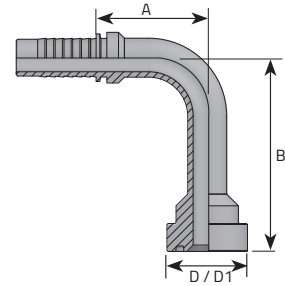


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
F90S1212I	-12	3/4"	19	3/4"	41.3	67	57	350	5076	
F90S1216I	-12	3/4"	19	1"	47.6	73	57	350	5076	
F90S1616I	-16	1"	25.4	1"	47.6	75	77	280	4061	
F90S1620I	-16	1"	25.4	1.1/4"	54	80	77	280	4061	
F90S2020I	-20	1.1/4"	31.8	1.1/4"	54	97	89	210	3046	
F90S2024I	-20	1.1/4"	31.8	1.1/2"	63.5	99	89	210	3046	
F90S2424I	-24	1.1/2"	38.1	1.1/2"	63.5	113	101	185	2683	

SUPERCAT FLANGE 90° ELBOW (LONG DROP)

FLANGIA 90° SUPERCAT INTERA LONG DROP
 BRIDE 90° SUPERCAT (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA 90° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

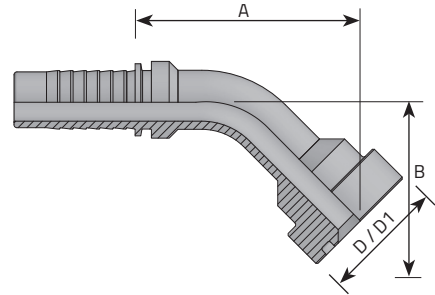


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
F90S1212ILD	-12	3/4"	19	3/4"	41.3	105.4	57	350	5076	
F90S1216ILD	-12	3/4"	19	1"	47.6	142	57	350	5076	
F90S1616ILD	-16	1"	25.4	1"	47.6	124.8	77	280	4061	
F90S2020ILD	-20	1.1/4"	31.8	1.1/4"	54	123	89	210	3046	
F90S2424ILD	-24	1.1/2"	38.1	1.1/2"	63.5	139	101	185	2683	

SUPERCAT FLANGE - 45° ELBOW

FLANGIA 45° SUPERCAT INTERA
 BRIDE 45° SUPERCAT (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA 45° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

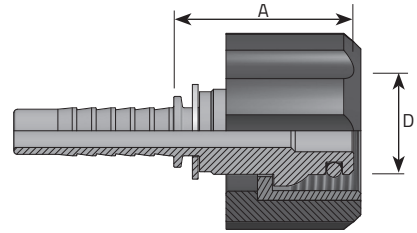


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
F45S1212I	-12	3/4"	19		3/4"	41.3	39	74	350	5076
F45S1216I	-12	3/4"	19		1"	47.6	43	78	350	5076
F45S1616I	-16	1"	25.4		1"	47.6	40	94	280	4061
F45S1620I	-16	1"	25.4		1.1/4"	54	43	97	280	4061
F45S2020I	-20	1.1/4"	31.8		1.1/4"	54	50	107	210	3046
F45S2024I	-20	1.1/4"	31.8		1.1/2"	63.5	51	108	210	3046
F45S2424I	-24	1.1/2"	38.1		1.1/2"	63.5	49	120	185	2683

WATERJET CLEANER FEMALE - FK TYPE

FEMMINA PER IDROPULITRICI TIPO "FK"
 FEMELLE SÉRIE "FK"
 DKR FÜR HOCHDRUCKREINIGER – "FK" SERIE
 HEMBRA PARA HIDROLAVADORA – SERIE "FK"

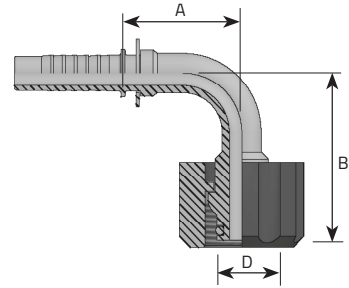
* Hobby applications
 Uso Hobbistico



Code	Tube		Thread		Dimensions		Pressure		
	D.N.	Hose	Diam	T	t/1"	D	A	Bar	Psi
	Inch		mm	mm		mm	mm		
FDW0422T14	-4	1/4"	6.4	M22 x1.5		14	33	400	5801
FDW0422T15	-4	1/4"	6.4	M22 x1.5		15	33	400	5801
* FDW0422T15L	-4	1/4"	6.4	M22 x1.5		15	40	400	5801
FDW0522T14	-5	5/16"	7.9	M22 x1.5		14	33	400	5801
FDW0522T15	-5	5/16"	7.9	M22 x1.5		15	33	400	5801
* FDW0522T15L	-5	5/16"	7.9	M22 x1.5		15	40	400	5801
FDW0622T14	-6	3/8"	9.5	M22 x1.5		14	33	400	5801
FDW0622T15	-6	3/8"	9.5	M22 x1.5		15	33	400	5801

WATERJET CLEANER FEMALE 90° ELBOW- FK TYPE

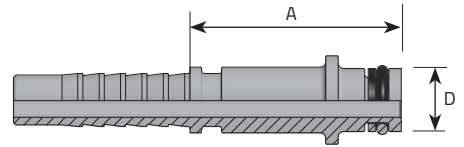
FEMMINA 90° PER IDROPULITRICI TIPO "FK"
 FEMELLE 90° SÉRIE "FK"
 DK 90° FÜR HOCHDRUCKREINIGER – "FK" SERIE
 HEMBRA 90° PARA HIDROLAVADORA – SERIE "FK"



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	D	A	B	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
F90W0422T14	-4	1/4"	6.4	M22 x1.5		14	27.5	44.5	400	5801
F90W0522T14	-5	5/16"	7.9	M22 x1.5		14	32	44.5	400	5801
F90W0622T14	-6	3/8"	9.5	M22 x1.5		14	35	47	400	5801

PISTOL WASH CLEANER JUNCTION

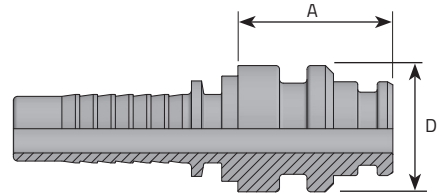
ATTACCO PER PISTOLE IDROPULITRICI
 JUNCTION POUR WASHCLEANER
 VERBINDUNG FÜR HOCHDRUCKREINIGER
 UNIÓN PARA HIDROLAVADORA



Code	Tube			Thread	Dimensions		Pressure	
	D.N.	Hose	Diam		D	A	Bar	Psi
		Inch	mm		mm	mm		
FW04D10	-4	1/4"	6.4		10	33.5		
FW04D11	-4	1/4"	6.4		11	33.5		
FW05D10	-5	5/16"	7.9		10	33.5		
FW05D11	-5	5/16"	7.9		11	33.5		

STAPLE-LOCK MALE

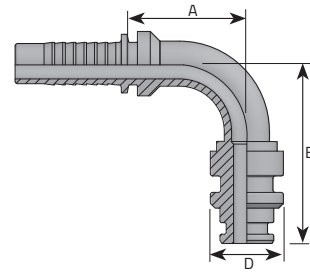
MASCHIO MINIERA
 MÂLE STAPLE-LOCK (MINE)
 STECK-O PRESSNIPPEL
 MACHO FIJO PARA MINERÍA



Code	Tube			Thread	Dimensions		Pressure	
	D.N.	Hose	Diam		A	D	Bar	Psi
		Inch	mm		mm	mm		
MINE0404	-4	1/4"	6.4		28.7	15		
MINE0606	-6	3/8"	9.5		28.8	20		
MINE0808	-8	1/2"	12.8		28.7	24		
MINE1212	-12	3/4"	19		28.9	29		
MINE1616	-16	1"	25.4		35.1	39		
MINE2020	-20	1.1/4"	31.8		35	46		
MINE2424	-24	1.1/2"	38.1		40	55		
MINE3232	-32	2"	50.8		40	64		

STAPLE-LOCK MALE 90° ELBOW

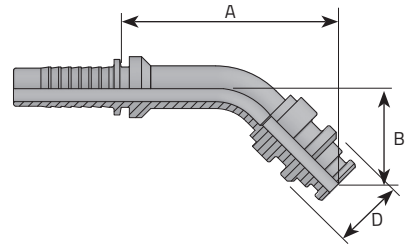
MASCHIO 90° MINIERA
 MÂLE 90° STAPLE-LOCK (MINE)
 90° STECK-O PRESSNIPPEL
 MACHO 90° PARA MINERÍA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		A	B	D	Bar	Psi
		Inch	mm		mm	mm	mm		
MINE900606	-6	3/8"	9.5		32.5	53.5	20		
MINE900808	-8	1/2"	12.8		39	58	24		

STAPLE-LOCK MALE 45° ELBOW

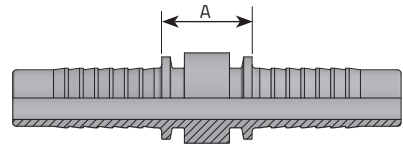
MASCHIO 45° MINIERA
 MÂLE 45° STAPLE-LOCK (MINE)
 45° STECK-O PRESSNIPPEL
 MACHO 45° PARA MINERÍA



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		A	B	D	Bar	Psi
		Inch	mm		mm	mm	mm		
MINE450606	-6	3/8"	9.5		65	34	20		
MINE450808	-8	1/2"	12.8		73	35	24		

DOUBLE CONNECTOR

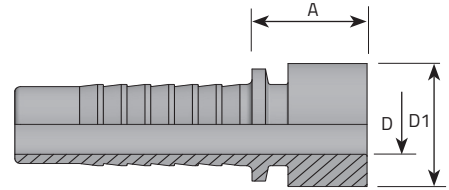
GIUNZIONE TUBO DIRITTA
 JONCTION TUYAUX DROIT
 VERBINDUNGSNIPPEL
 CONECTOR DOBLE



Code	Tube			Thread	Dimensions A	Pressure	
	D.N.	Hose	Diam			Bar	Psi
	Inch		mm		mm		
GD04	-4	1/4"	6.4		14	450	6526
GD05	-5	5/16"	7.9		14	350	5076
GD06	-6	3/8"	9.5		15	445	6454
GD08	-8	1/2"	12.8		20	415	6019
GD10	-10	5/8"	16		16	350	5076
GD12	-12	3/4"	19		18	350	5076
GD16	-16	1"	25.4		20	280	4061
GD20	-20	1.1/4"	31.8		21	210	3046

BRAZING TAIL

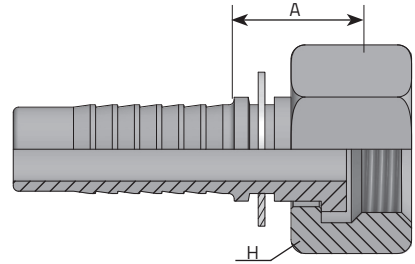
CODOLO A SILDARE
 QUEUE À SOUDER
 SCHWEISSNIPPEL
 ESPIGA SOLDABLE



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	D1	A	Bar	Psi
	Inch		mm		mm	mm	mm		
CS03	-3	3/16"	4.8		-	12	14.5		
CS04	-4	1/4"	6.4		-	12	12.5		
CS04T8	-4	1/4"	6.4		8	12	12.5		
CS05	-5	5/16"	7.9		-	14	13.5		
CS05T10	-5	5/16"	7.9		10	15	13.6		
CS06	-6	3/8"	9.5		-	16	14.5		
CS06T10	-6	3/8"	9.5		10	16	14.5		
CS06T12	-6	3/8"	9.5		12	16	14.5		
CS08	-8	1/2"	12.8		-	20	16		
CS08T14	-8	1/2"	12.8		14	20	16		
CS08T15	-8	1/2"	12.8		15	20	16		
CS08T16	-8	1/2"	12.8		16	20	16		
CS10	-10	5/8"	16		-	24	18		
CS12	-12	3/4"	19		-	26	15.5		
CS16	-16	1"	25.4		-	32	22		
CS20	-20	1.1/4"	31.8		-	40	21.5		
CS24	-24	1.1/2"	38.1		-	46	21.5		
CS32	-32	2"	50.8		-	60	23		

WHITWORTH CO² FEMALE

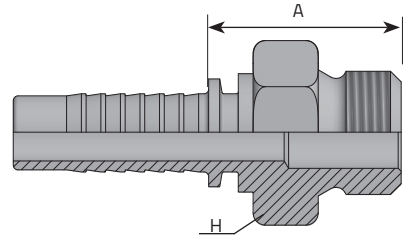
FEMMINA CO₂ FILETTO WHITWORTH
 FEMÂLE CO₂ WHITWORTH
 PRESSARMATUR CO₂ IG 21.7 WHITWORTH
 HEMBRA CO₂ WHITWORTH



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	mm		mm	mm		
FW0621.7	-6	3/8"	9.5	21.7 W	14	27	16		
FW0821.7	-8	1/2"	12.8	21.7 W	14	27	16.5		

WHITWORTH CO² MALE

MASCHIO CO2 FILETTO WHITWORTH
 MELLE CO2 WHITWORTH
 PRESSARMATUR CO2 AG 21.7 WHITWORTH
 MACHO CO2 WHITWORTH



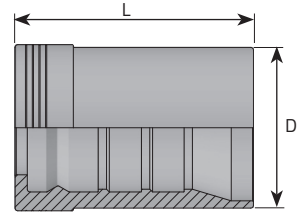
Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	mm		mm	mm		
MW0621.7	-6	3/8"	9.5	21.7 W	14	24	27		
MW0821.7	-8	1/2"	12.8	21.7 W	14	24	27.5		

Interlock

INTERLOCK FERRULE FOR 4SH

BOCCOLA PER TUBO 4SH
 JUPE POUR 4SH
 PRESSHÜLSE 4SH
 CASQUILLO PARA 4SH

Double skive - Doppia pelatura - Double dénudable -
 Schaelfassung - Doble pelatura



Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
KB4SH10	-10	5/8"	16		36	52	
KB4SH12	-12	3/4"	19		38	60	
KB4SH16	-16	1"	25.4		46	74.5	
KB4SH20	-20	1.1/4"	31.8		56	87.8	
KB4SH24	-24	1.1/2"	38.1		62	94.4	
KB4SH32	-32	2"	50.8		79.5	99	

INTERLOCK FERRULE FOR R13/R15

BOCCOLA PER TUBO R13/R15

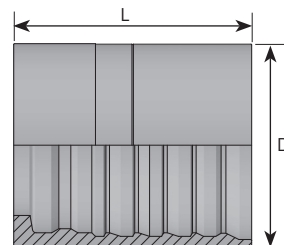
JUPE POUR R13/R15

PRESSHÜLSE R13/R15

CASQUILLO PARA R13/R15

Double skive - Doppia pelatura - Double dénudable -

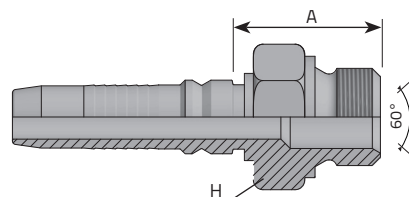
Schaelfassung - Doble peladura



Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
KBH1320	-20	1.1/4"	31.8		60	87.8	
KBH1324	-24	1.1/2"	38.1		67	94.4	
KBH1332	-32	2"	50.8		84.5	99	

INTERLOCK BSPP MALE

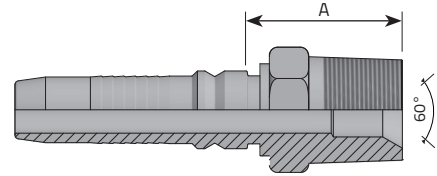
MASCHIO BSPP SV 60°
 EMBOUT MÂLE BSPP CÔNE 60°
 AGR 60° INNENKONUS (BSPP-GEWINDE)
 MACHO BSPP CONO 60°



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
KMG1212	-12	3/4"	19	3/4"	14	32	34.7	420	6091
KMG1616	-16	1"	25.4	1"	11	38	37.4	420	6091
KMG1620	-16	1"	25.4	1.1/4"	11	50	42.6	420	6091
KMG2020	-20	1.1/4"	31.8	1.1/4"	11	50	44.2	420	6091
KMG2424	-24	1.1/2"	38.1	1.1/2"	11	55	44.5	345	5004
KMG3232	-32	2"	50.8	2"	11	70	54	345	5004

INTERLOCK BSPT MALE

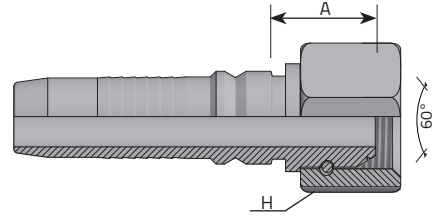
MASCHIO BSPT SV 60°
 MÂLE BSPT CÔNE 60°
 AGR KONISCH (BSPT)
 MACHO BSPT CONO 60°



Code	Tube		Thread			Dimensions		Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
KMGK1212	-12	3/4"	19	3/4"	14	27	34.7	420	6091
KMGK1616	-16	1"	25.4	1"	11	36	43.5	420	6091
KMGK2020	-20	1.1/4"	31.8	1.1/4"	11	46	42.0	414	6004
KMGK2424	-24	1.1/2"	38.1	1.1/2"	11	50	46	345	5004
KMGK3232	-32	2	50.8	2"	11	65	57	345	5004

INTERLOCK BSPP FEMALE (O-RING) - THURST-WIRE NUT

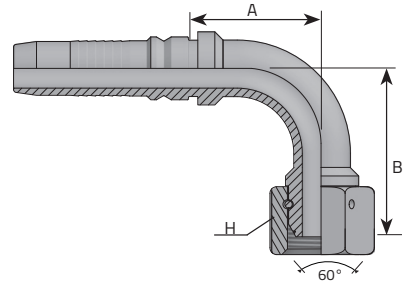
FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING
 FEMELLE DROIT AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKR MIT O-RING + GESTIFTETE ÜBERWURFMUTTER (BSPP-GEWINDE)
 HEMBRA RECTA BSPP CON O-RING CONO 60° (TUERCA CON SEGURO)



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi	
	Inch	mm	Inch		mm	mm				
KFDG1212	-12	3/4"	19	3/4"	14	32	22.7	420	6091	
KFDG1616	-16	1"	25.4	1"	11	38	24.7	420	6091	
KFDG1620	-16	1"	25.4	1.1/4"	11	50	27.5	414	6004	
KFDG2020	-20	1.1/4"	31.8	1.1/4"	11	50	28.2	345	5004	
KFDG2424	-24	1.1/2"	38.1	1.1/2"	11	55	30.5	345	5004	
KFDG3232	-32	2"	50.8	2"	11	70	34	345	5004	

INTERLOCK BSPP FEMALE 90° (O-RING) - THURST-WIRE NUT

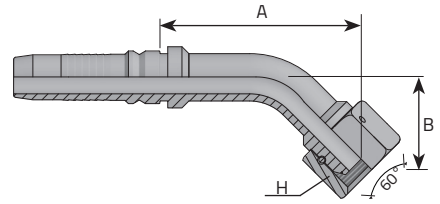
FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING
 FEMELLE 90° AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKR 90° BOGEN MIT O-RING + GESTIFTETE ÜBERWURFMUTTER (BSPP-GEWINDE)
 HEMBRA BSPP A 90° CON O-RING CONO 60° (TUERCA CON SEGURO)



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF90G1212	-12	3/4"	19	3/4"	14	32	59	54	420	6091
KF90G1616	-16	1"	25.4	1"	11	38	72	70.5	420	6091
KF90G1620	-16	1"	25.4	1.1/4"	11	50	80	70.5	420	6091
KF90G2020	-20	1.1/4"	31.8	1.1/4"	11	50	93	87.7	420	6091
KF90G2424	-24	1.1/2"	38.1	1.1/2"	11	55	114	99.5	345	5004
KF90G3232	-32	2"	50.8	2"	11	70	136	135	345	5004

INTERLOCK BSPP FEMALE 45° (O-RING) - THURST-WIRE NUT

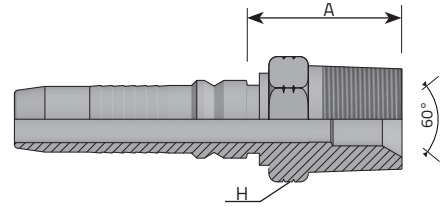
FEMMINA 45° BSPP SV60° DADO SPINATO CON O-RING
 FEMELLE 45° AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKR 45° BOGEN MIT O-RING + GESTIFTETE ÜBERWURFMUTTER (BSPP-GEWINDE)
 HEMBRA BSPP A 45° CON O-RING CONO 60° (TUERCA CON SEGURO)



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF45G1212	-12	3/4"	19	3/4"	14	32	29	60.7	420	6091
KF45G1616	-16	1"	25.4	1"	11	38	41	87.5	420	6091
KF45G1620	-16	1"	25.4	1.1/4"	11	50	44	90.5	420	6091
KF45G2020	-20	1.1/4"	31.8	1.1/4"	11	50	44	100.5	420	6091
KF45G2424	-24	1.1/2"	38.1	1.1/2"	11	55	45	116.5	345	5004
KF45G3232	-32	2"	50.8	2"	11	70	68	156	345	5004

INTERLOCK NPTF MALE

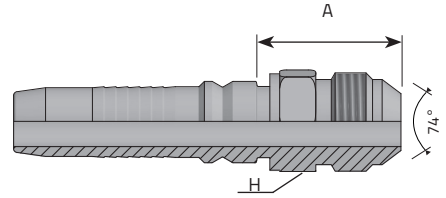
MASCHIO NPTF
 MÂLE NPTF CÔNE 60°
 AGN 60° INNENKONUS (NPTF)
 MACHO NPTF CONO 60°



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KMNPTF1212	-12	3/4"	19	3/4"	14	27	34.5	96.5	420	6091
KMNPTF1216	-12	3/4"	19	1"	11.5	36	42.5	104.5	420	6091
KMNPTF1616	-16	1"	25.4	1"	11.5	36	43	115	420	6091
KMNPTF1620	-16	1"	25.4	1.1/4"	11.5	46	43	115	420	6091
KMNPTF2020	-20	1.1/4"	31.8	1.1/4"	11.5	46	44	137.5	420	6091
KMNPTF2024	-20	1.1/4"	31.8	1.1/2"	11.5	50	44	137.5	420	6091
KMNPTF2424	-24	1.1/2"	38.1	1.1/2"	11.5	50	45.5	139	345	5004
KMNPTF3232	-32	2"	50.8	2"	11.5	65	57	155	345	5004

INTERLOCK JIC 37° MALE

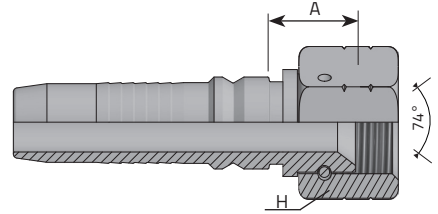
MASCHIO JIC SV 37°
 MÂLE JIC CÔNE 37°
 AGJ 37° JIC AUSSENKONUS (UNF- GEWINDE)
 MACHO JIC CONO 37°



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A		Bar	Psi
		Inch	mm	Inch		mm	mm			
KMJ1212	-12	3/4"	19	1.1/16"	12	27	38		420	6091
KMJ1214	-12	3/4"	19	1.3/16"	12	32	39		420	6091
KMJ1216	-12	3/4"	19	1.5/16"	12	34	39		420	6091
KMJ1616	-16	1"	25.4	1.5/16"	12	34	40		414	6004
KMJ1620	-16	1"	25.4	1.5/8"	12	42	42.5		414	6004
KMJ2020	-20	1.1/4"	31.8	1.5/8"	12	42	44		414	6004
KMJ2024	-20	1.1/4"	31.8	1.7/8"	12	50	51		414	6004
KMJ2424	-24	1.1/2"	38.1	1.7/8"	12	50	51		345	5004
KMJ3232	-32	2"	50.8	2.1/2"	12	65	61.5		345	5004

INTERLOCK JIC 37° FEMALE

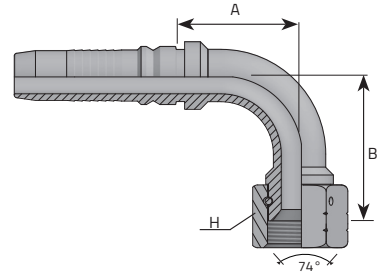
FEMMINA DIRITTA JIC SV 37° DADO SPINATO
 FEMELLE DROIT JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 37° (UNF) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA RECTA JIC ASIENTO 37° (TUERCA CON SEGURO)



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
KFDJ1212	-12	3/4"	19	1.1/16"	12	32	20.5	420	6091
KFDJ1214	-12	3/4"	19	1.3/16"	12	36	20.5	420	6091
KFDJ1216	-12	3/4"	19	1.5/16"	12	41	20.5	420	6091
KFDJ1616	-16	1"	25.4	1.5/16"	12	41	22	414	6004
KFDJ1620	-16	1"	25.4	1.5/8"	12	50	26	414	6004
KFDJ2020	-20	1.1/4"	31.8	1.5/8"	12	50	27.5	414	6004
KFDJ2024	-20	1.1/4"	31.8	1.7/8"	12	55	29.5	414	6004
KFDJ2424	-24	1.1/2"	38.1	1.7/8"	12	55	29.5	345	5004
KFDJ3232	-32	2"	50.8	2.1/2"	12	70	33	345	5004

INTERLOCK JIC 37° FEMALE 90°

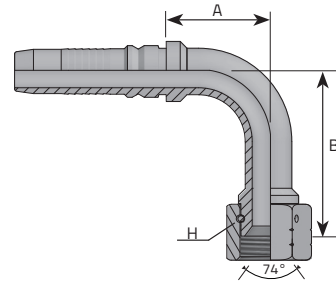
FEMMINA 90° JIC SV 37° DADO SPINATO
 FEMELLE 90° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 90° BOGEN 37° DICHTKOPF (UNF) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA JIC A 90° CONO 37° (TUERCA CON SEGURO)



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF90J1212	-12	3/4"	19	1.1/16"	12	32	58	51	420	6091
KF90J1214	-12	3/4"	19	1.3/16"	12	36	61	51	420	6091
KF90J1216	-12	3/4"	19	1.5/16"	12	41	62.5	51	420	6091
KF90J1616	-16	1"	25.4	1.5/16"	12	41	69.5	70.5	414	6004
KF90J1620	-16	1"	25.4	1.5/8"	12	50	78.5	70.5	414	6004
KF90J2020	-20	1.1/4"	31.8	1.5/8"	12	50	91.5	87.5	414	6004
KF90J2024	-20	1.1/4"	31.8	1.7/8"	12	55	99	87.5	414	6004
KF90J2424	-24	1.1/2"	38.1	1.7/8"	12	55	112.5	99.5	345	5004
KF90J3232	-32	2"	50.8	2.1/2"	12	70	101	110	345	5004

INTERLOCK JIC 37° FEMALE 90° ELBOW (LONG DROP)

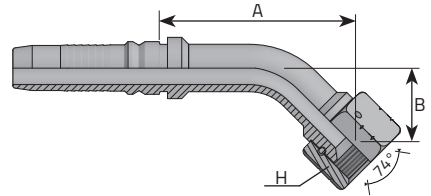
FEMMINA 90° JIC SV 37° DADO SPINATO LONG DROP
 FEMELLE 90° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 90° BOGEN 37° DICHTKOPF (UNF) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA JIC A 90° CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread			Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	B	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF90J1212LD	-12	3/4"	19	1.1/16"	12	32	62	94.5	420	6091
KF90J1616LD	-16	1"	25.4	1.5/16"	12	41	77	110	380	5511
KF90J1620LD	-16	1"	25.4	1.5/8"	12	50	77	116	325	4713
KF90J2020LD	-20	1.1/4"	31.8	1.5/8"	12	50	89	136	325	4713
KF90J2424LD	-24	1.1/2"	38.1	1.7/8"	12	55	101	162	290	4206
KF90J3232LD	-32	2"	50.8	2.1/2"	12	70	135	220	250	3626

INTERLOCK JIC 37° FEMALE 45° ELBOW

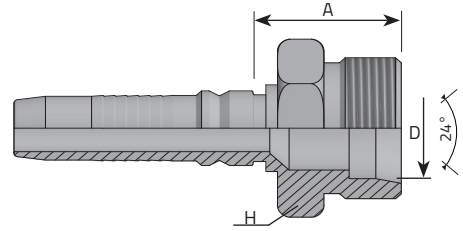
FEMMINA 45° JIC SV 37° DADO SPINATO
 FEMELLE 45° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 45° BOGEN 37° DICHTKOPF (UNF) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA JIC A 45° CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch	mm	Inch		mm	mm	mm			
KF45J1212	-12	3/4"	19	1.1/16"	12	32	29	59.5	420	6091
KF45J1214	-12	3/4"	19	1.3/16"	12	36	29	60.5	420	6091
KF45J1216	-12	3/4"	19	1.5/16"	12	41	29	60.5	420	6091
KF45J1616	-16	1"	25.4	1.5/16"	12	41	39.5	86	414	6004
KF45J1620	-16	1"	25.4	1.5/8"	12	50	38.5	87	414	6004
KF45J2020	-20	1.1/4"	31.8	1.5/8"	12	50	44	99.5	414	6004
KF45J2024	-20	1.1/4"	31.8	1.7/8"	12	55	45	101.5	414	6004
KF45J2424	-24	1.1/2"	38.1	1.7/8"	12	55	45	116.5	345	5004
KF45J3232	-32	2"	50.8	2.1/2"	12	70	65.8	156	345	5004

INTERLOCK METRIC MALE 24° CONE - S TYPE

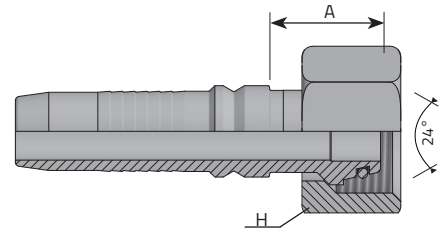
MASCHIO METRICO 24° DKOS
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE S
 CES METRISCH 24° KONUS
 MACHO MÉTRICO CONO 24° - SERIE S



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		T	D	H	A	Bar
	Inch		mm	mm	mm	mm	mm		
KME1230S20	-12	3/4"	19	M30 x 2	20	32	31.5	420	6091
KME1236S25	-12	3/4"	19	M36 x 2	25	38	33.5	420	6091
KME1636S25	-16	1"	25.4	M36 x 2	25	38	36	414	6004
KME1642S30	-16	1"	25.4	M42 x 2	30	46	39.5	280	4061
KME2042S30	-20	1.1/4"	31.8	M42 x 2	30	46	40.5	250	3626
KME2052S38	-20	1.1/4"	31.8	M52 x 2	38	55	44.5	250	3626
KME2452S38	-24	1.1/2"	38.1	M52 x 2	38	55	44.5	250	3626

INTERLOCK METRIC FEMALE 24° CONE - S TYPE

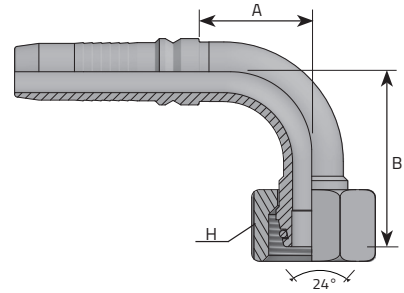
FEMMINA DIRITTA METRICA 24° DKOS CON O-RING
 FEMELLE DROIT MÉTRIQUE AVEC O-RING CÔNE 24° - SÉRIE S
 DKO-S INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA RECTA MÉTRICA CON O-RING CONO 24° - SERIE S



Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		T	D	H	A	Bar
		Inch	mm	mm	mm	mm	mm		
KFE1030S20	-10	5/8"	16	M30 x 2	20			420	6091
KFE1230S20	-12	3/4"	19	M30 x 2	20	36	35	420	6091
KFE1236S25	-12	3/4"	19	M36 x 2	25	46	36	420	6091
KFE1636S25	-16	1"	25.4	M36 x 2	25	46	37	414	6004
KFE1642S30	-16	1"	25.4	M42 x 2	30	50	38	280	4061
KFE2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	40	250	3626
KFE2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	45.5	250	3626
KFE2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	45.5	250	3626

INTERLOCK METRIC FEMALE 24° CONE 90° - S TYPE

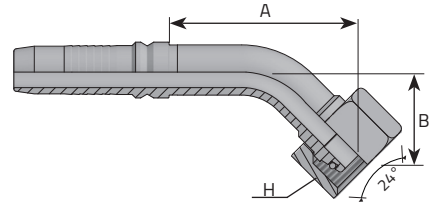
FEMMINA 90° METRICA O-RING 24° DKOS
 FEMELLE 90° MÉTRIQUE AVEC O-RING CÔNE 24° - SÉRIE S
 DKO-S 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 90° CON O-RING CONO 24° - SERIE S



Code	Tube		Thread	Dimensions				Pressure			
	D.N.	Hose		Diam	T	t/1"	D	H	B	A	Bar
	Inch		mm	mm		mm	mm	mm	mm		
KF90E1030S20	-10	5/8"	16	M30 x 2		20	-	-	-	420	6091
KF90E1230S20	-12	3/4"	19	M30 x 2		20	36	59	54	420	6091
KF90E1236S25	-12	3/4"	19	M36 x 2		25	46	59	54	420	6091
KF90E1636S25	-16	1"	25.4	M36 x 2		25	46	75	70.5	414	6004
KF90E1642S30	-16	1"	25.4	M42 x 2		30	50	75	70.5	280	4061
KF90E2042S30	-20	1.1/4"	31.8	M42 x 2		30	50	86	90.5	250	3626
KF90E2052S38	-20	1.1/4"	31.8	M52 x 2		38	60	86	90.5	250	3626
KF90E2452S38	-24	1.1/2"	38.1	M52 x 2		38	60	94	97.5	250	3626

INTERLOCK METRIC FEMALE 24° CONE 45° ELBOW - S TYPE

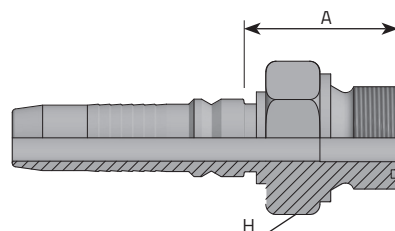
FEMMINA 90° METRICA O-RING 24° DKOS
 FEMELLE 90° MÉTRIQUE AVEC O-RING CÔNE 24° - SÉRIE S
 DKO-S 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 90° CON O-RING CONO 24° - SERIE S



Code	Tube		Thread		Dimensions				Pressure		
	D.N.	Hose	Diam	T	t/1"	D	H	B	A	Bar	Psi
	Inch		mm	mm		mm	mm	mm	mm		
KF45E1030S20	-10	5/8"	16	M30 x 2	20	-	-	-		420	6091
KF45E1230S20	-12	3/4"	19	M30 x 2	20	36	27	61.5		420	6091
KF45E1236S25	-12	3/4"	19	M36 x 2	25	46	28	67.5		420	6091
KF45E1636S25	-16	1"	25.4	M36 x 2	25	46	38	86		414	6004
KF45E1642S30	-16	1"	25.4	M42 x 2	30	50	38	86.5		280	4061
KF45E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	35	103		250	3626
KF45E2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	35	103		250	3626
KF45E2452S38	-24	1.1/2"	38.1	M52 x 2	38	60	45	117.5		250	3626

INTERLOCK ORFS MALE

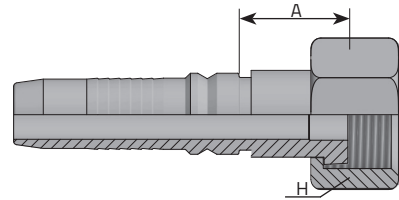
MASCHIO ORFS
 MÂLE ORFS
 AGF ORFS STIRNDICHTEND
 MACHO ORFS



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
KMORFS1215	-12	3/4"	19	1.7/16"	12	41	35.7	420	6091
KMORFS1615	-16	1"	25.4	1.7/16"	12	41	36.6	414	6004
KMORFS1621	-16	1"	25.4	1.11/16"	12	46	36.6	414	6004
KMORFS2021	-20	1.1/4"	31.8	1.11/16"	12	46	37.7	414	6004

INTERLOCK ORFS FEMALE

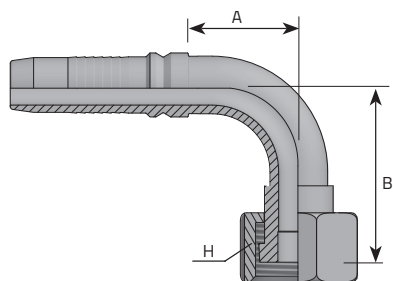
FEMMINA DIRITTA ORFS
 FEMELLE DROIT ORFS
 DK-ORFS (UNF GEWINDE)
 HEMBRA RECTA ORFS



Code	Tube		Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	Bar	Psi
	Inch		mm	Inch		mm	mm		
KFORFS1014	-10	5/8"	16	1.3/16"	12	-	-	420	6091
KFORFS1214	-12	3/4"	19	1.3/16"	12	36	30.5	420	6091
KFORFS1215	-12	3/4"	19	1.7/16"	12	41	31.5	414	6004
KFORFS1615	-16	1"	25.4	1.7/16"	12	41	32.5	414	6004
KFORFS1621	-16	1"	25.4	1.11/16"	12	-	-	-	-
KFORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	34	250	3626

INTERLOCK ORFS FEMALE - 90° ELBOW

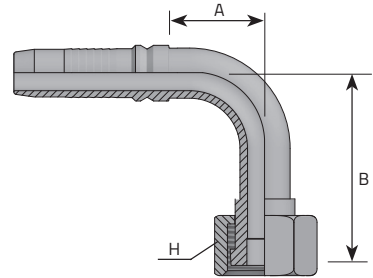
FEMMINA 90° ORFS
 FEMELLE 90° ORFS
 DK 90° BOGEN ORFS - UNF STIRNDICHTEND
 HEMBRA ORFS CODO 90°



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF90ORFS1014	-10	5/8"	16	1.3/16"	12	-	-	-	-	
KF90ORFS1214	-12	3/4"	19	1.3/16"	12	36	49	53.5	420	6091
KF90ORFS1215	-12	3/4"	19	1.7/16"	12	41	54	54	410	5946
KF90ORFS1615	-16	1"	25.4	1.7/16"	12	41	59.5	71.5	410	5946
KF90ORFS1621	-16	1"	25.4	1.11/16"	12	-	-	-	-	-
KF90ORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	75.5	88.5	250	3626

INTERLOCK ORFS FEMALE 90° ELBOW (LONG DROP)

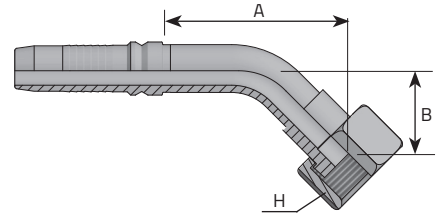
FEMMINA 90° ORFS LONG DROP
 FEMELLE 90° ORFS
 DK 90° BOGEN ORFS - UNF STIRNDICHTEND
 HEMBRA ORFS A 90°



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF90ORFS1214LD	-12	3/4"	19	1.3/16"	12	36	96	50	420	6091
KF90ORFS1615LD	-16	1"	25.4	1.7/16"	12	41	113	62	414	6004
KF90ORFS2021LD	-20	1.1/4"	31.8	1.11/16"	12	50	130	87	250	3626

INTERLOCK ORFS FEMALE 45° ELBOW

FEMMINA 45° ORFS
 FEMELLE 45° ORFS
 DK 45° BOGEN ORFS - UNF STIRNDICHTEND
 HEMBRA ORFS A 45°

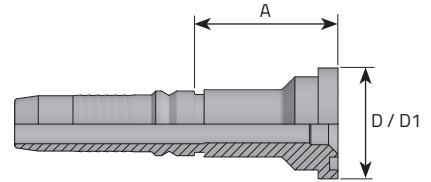


Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	B	A	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KF45ORFS1014	-10	5/8"	16	1.3/16"	12	-	-	-	-	-
KF45ORFS1214	-12	3/4"	19	1.3/16"	12	36	23	55.5	420	6091
KF45ORFS1215	-12	3/4"	19	1.7/16"	12	41	27	60	410	5946
KF45ORFS1615	-16	1"	25.4	1.7/16"	12	41	26	78.5	410	5946
KF45ORFS1621	-16	1"	25.4	1.11/16"	12	-	-	-	-	-
KF45ORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	34	91.5	250	3626

INTERLOCK FLANGE CODE 61 - 3000 PSI

FLANGIA DIRITTA SAE J518 3000 PSI INTERA
BRIDE DROIT 3000 PSI (PIÈCE ENTIER)
 FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
BRIDA RECTA 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

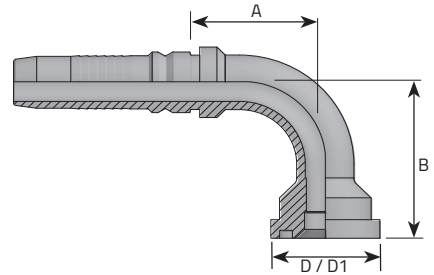


Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	D1	A	Bar	Psi
	Inch	mm	Inch		mm	mm			
KFDL1212I	-12	3/4"	19	3/4"	38.1	56.7	420	6091	
KFDL1216I	-12	3/4"	19	1"	44.5	48.7	420	6091	
KFDL1612I	-16	1"	25.4	3/4"	38.1	47.6	415	6019	
KFDL1616I	-16	1"	25.4	1"	44.5	47.6	415	6019	
KFDL1620I	-16	1"	25.4	1.1/4"	50.8	64.6	415	6019	
KFDL2020I	-20	1.1/4"	31.8	1.1/4"	50.8	68.7	250	3626	
KFDL2024I	-20	1.1/4"	31.8	1.1/2"	60.3	78.7	250	3626	
KFDL2424I	-24	1.1/2"	38.1	1.1/2"	60.3	68.5	200	2901	
KFDL2432I	-24	1.1/2"	38.1	2"	71.4	70.5	200	2901	
KFDL3232I	-32	2"	50.8	2"	71.4	70.5	200	2901	

INTERLOCK FLANGE CODE 61 - 3000 PSI - 90° ELBOW

FLANGIA 90° SAE J518 3000 PSI INTERA
 BRIDE 90° 3000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 90° 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

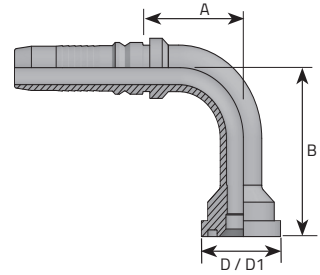


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF90L1212I	-12	3/4"	19	3/4"	38.1	58	54.7	420	6091	
KF90L1216I	-12	3/4"	19	1"	44.5	62	54.7	420	6091	
KF90L1612I	-16	1"	25.4	3/4"	38.1	60	74.6	415	6019	
KF90L1616I	-16	1"	25.4	1"	44.5	68	70.6	415	6019	
KF90L1620I	-16	1"	25.4	1.1/4"	50.8	70	74.6	415	6019	
KF90L2020I	-20	1.1/4"	31.8	1.1/4"	50.8	87	87.7	250	3626	
KF90L2024I	-20	1.1/4"	31.8	1.1/2"	60.3	88	87.7	250	3626	
KF90L2424I	-24	1.1/2"	38.1	1.1/2"	60.3	102	99.5	200	2901	
KF90L2432I	-24	1.1/2"	38.1	2"	71.4	118	99.5	200	2901	
KF90L3232I	-32	2"	50.8	2"	71.4	12	144	200	2901	

INTERLOCK FLANGE CODE 61 -3000 PSI -90° ELBOW (LONG DROP)

FLANGIA 90° SAE J518 3000 PSI INTERA
 BRIDE 90° 3000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 90° 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

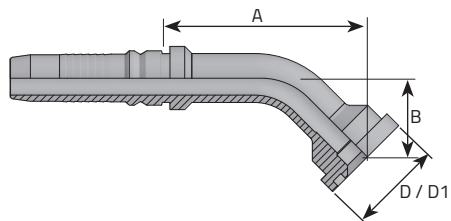


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF90L1212ILD	-12	3/4"	19		3/4"	38.1	96.8	54.7	420	6091
KF90L1216ILD	-12	3/4"	19		1"	44.5	135.5	54.7	420	6091
KF90L1616ILD	-16	1"	25.4		1"	44.5	115.5	70.6	415	6019
KF90L2020ILD	-20	1.1/4"	31.8		1.1/4"	50.8	115.2	87.7	250	3626
KF90L2424ILD	-24	1.1/2"	38.1		1.1/2"	60.3	131.4	99.5	200	2901

INTERLOCK FLANGE CODE 61 - 3000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 3000 PSI INTERA
 BRIDE 45° 3000 PSI (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 45° 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

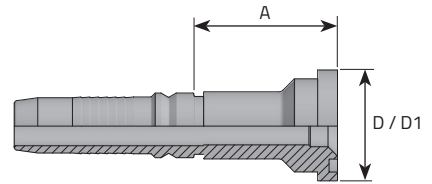


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF45L1212I	-12	3/4"	19	3/4"	38.1	32	64.7	420	6091	
KF45L1216I	-12	3/4"	19	1"	44.5	35	67.7	420	6091	
KF45L1612I	-16	1"	25.4	3/4"	38.1	35	80.6	415	6019	
KF45L1616I	-16	1"	25.4	1"	44.5	32	83.6	415	6019	
KF45L1620I	-16	1"	25.4	1.1/4"	50.8	36	87.6	415	6019	
KF45L2020I	-20	1.1/4"	31.8	1.1/4"	50.8	43	98.7	250	3626	
KF45L2024I	-20	1.1/4"	31.8	1.1/2"	60.3	44	99.7	250	3626	
KF45L2424I	-24	1.1/2"	38.1	1.1/2"	60.3	41	110.5	200	2901	
KF45L2432I	-24	1.1/2"	38.1	2"	71.4	52	121.5	200	2901	
KF45L3232I	-32	2"	50.8	2"	71.4	59	148	200	2901	

INTERLOCK FLANGE CODE 62 - 6000 PSI

FLANGIA DIRITTA SAE J518 6000 PSI INTERA
 BRIDE DROIT 6000 PSI (PIÈCE ENTIER)
 FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA RECTA 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

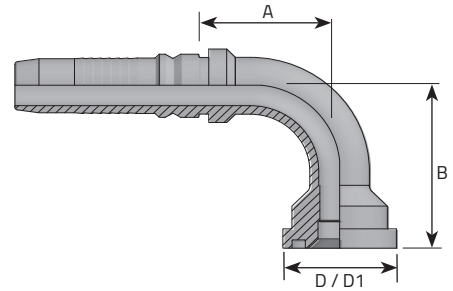


Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	D1	A	Bar	Psi
	Inch	mm	mm		Inch	mm	mm		
KFDP1212I	-12	3/4"	19		3/4"	41.3	50	420	6091
KFDP1216I	-12	3/4"	19		1"	47.6	61.7	420	6091
KFDP1612I	-16	1"	25.4		3/4"	41.3	61.6	420	6091
KFDP1616I	-16	1"	25.4		1"	47.6	63.6	420	6091
KFDP1620I	-16	1"	25.4		1.1/4"	54	68.6	420	6091
KFDP2020I	-20	1.1/4"	31.8		1.1/4"	54	68.7	420	6091
KFDP2024I	-20	1.1/4"	31.8		1.1/2"	63.5	76.7	420	6091
KFDP2424I	-24	1.1/2"	38.1		1.1/2"	63.5	76.5	420	6091
KFDP2432I	-24	1.1/2"	38.1		2"	79.4	70.5	420	6091
KFDP3232I	-32	2"	50.8		2"	79.4	73	420	6091

INTERLOCK FLANGE CODE 62 - 6000 PSI - 90° ELBOW

FLANGIA DIRITTA SAE J518 6000 PSI INTERA
BRIDE 90° 6000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
BRIDA A 90° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

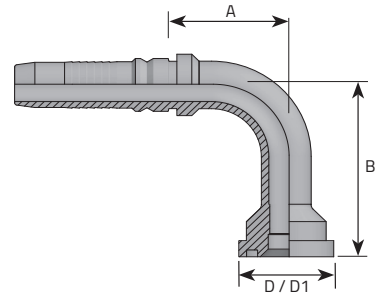


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF90P1212I	-12	3/4"	19	3/4"	41.3	62	54.7	420	6091	
KF90P1216I	-12	3/4"	19	1"	47.6	67	54.7	420	6091	
KF90P1612I	-16	1"	25.4	3/4"	41.3	64	74.6	415	6019	
KF90P1616I	-16	1"	25.4	1"	47.6	69	70.6	415	6019	
KF90P1620I	-16	1"	25.4	1.1/4"	54	76	74.6	415	6019	
KF90P2020I	-20	1.1/4"	31.8	1.1/4"	54	93	87.7	415	6019	
KF90P2024I	-20	1.1/4"	31.8	1.1/2"	63.5	97	87.7	415	6019	
KF90P2424I	-24	1.1/2"	38.1	1.1/2"	63.5	111	99.5	345	5004	
KF90P2432I	-24	1.1/2"	38.1	2"	79.4	128	110	345	5004	
KF90P3232I	-32	2"	50.8	2"	79.4	128	144	345	5004	

INTERLOCK FLANGE CODE 62 6000 PSI 90° ELBOW (LONG DROP)

FLANGIA DIRITTA SAE J518 6000 PSI INTERA
 BRIDE 90° 6000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A 90° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

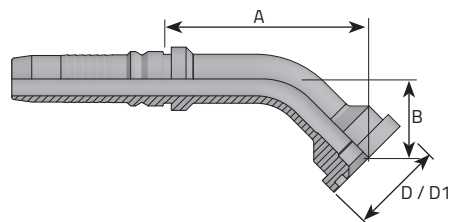


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF90P1212ILD	-12	3/4"	19	3/4"	41.3	100	54.7	420	6091	
KF90P1216ILD	-12	3/4"	19	1"	47.6	137	54.7	420	6091	
KF90P1616ILD	-16	1"	25.4	1"	47.6	120	70.6	415	6019	
KF90P2020ILD	-20	1.1/4"	31.8	1.1/4"	54	115	87.7	415	6019	
KF90P2424ILD	-24	1.1/2"	38.1	1.1/2"	63.5	135	95	415	6019	

INTERLOCK FLANGE CODE 62-6000 PSI- 45° ELBOW

FLANGIA 45° SAE J5186000 PSI INTERA
 BRIDE 45° 6000 PSI (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA A 45° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

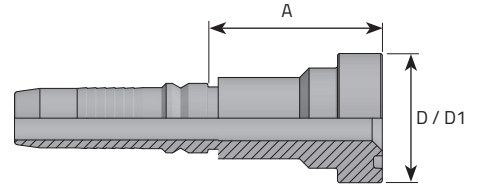


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF45P1212I	-12	3/4"	19		3/4"	41.3	35	67.7	420	6091
KF45P1216I	-12	3/4"	19		1"	47.6	39	71.7	420	6091
KF45P1612I	-16	1"	25.4		3/4"	41.3	32	83.6	415	6019
KF45P1616I	-16	1"	25.4		1"	47.6	35	86.6	415	6019
KF45P1620I	-16	1"	25.4		1.1/4"	54	40	91.6	415	6019
KF45P2020I	-20	1.1/4"	31.8		1.1/4"	54	47	102.7	415	6019
KF45P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	50	105.7	415	6019
KF45P2424I	-24	1.1/2"	38.1		1.1/2"	63.5	47	116.5	345	5004
KF45P2432I	-24	1.1/2"	38.1		2"	79.4	64	145	345	5004
KF45P3232I	-32	2"	50.8		2"	79.4	64	153	345	5004

INTERLOCK SUPERCAT FLANGE

FLANGIA DIRITTA SUPERCAT
 BRIDE DROIT SUPERCAT (PIÈCE ENTIER)
 FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA RECTA SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

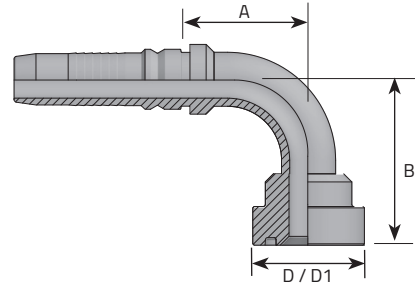


Code	Tube			Thread	Dimensions			Pressure	
	D.N.	Hose	Diam		D	D1	A	Bar	Psi
	Inch		mm		Inch	mm	mm		
KFDS1212I	-12	3/4"	19		3/4"	41.3	55.7	420	6091
KFDS1216I	-12	3/4"	19		1"	47.6	67.7	420	6091
KFDS1616I	-16	1"	25.4		1"	47.6	69.6	420	6091
KFDS1620I	-16	1"	25.4		1.1/4"	54	72.6	420	6091
KFDS2020I	-20	1.1/4"	31.8		1.1/4"	54	69.7	420	6091
KFDS2024I	-20	1.1/4"	31.8		1.1/2"	63.5	78.7	420	6091
KFDS2424I	-24	1.1/2"	38.1		1.1/2"	63.5	78.5	420	6091

INTERLOCK SUPERCAT FLANGE 90°

FLANGIA 90° SUPERCAT
 BRIDE 90° SUPERCAT (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA A 90° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

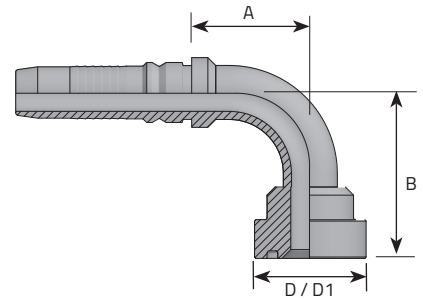


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF90S1212I	-12	3/4"	19	3/4"	41.3	67	54.7	420	6091	
KF90S1216I	-12	3/4"	19	1"	47.6	73	54.7	420	6091	
KF90S1616I	-16	1"	25.4	1"	47.6	75	70.6	415	6019	
KF90S1620I	-16	1"	25.4	1.1/4"	54	80	74.6	415	6019	
KF90S2020I	-20	1.1/4"	31.8	1.1/4"	54	97	87.7	415	6019	
KF90S2024I	-20	1.1/4"	31.8	1.1/2"	63.5	99	87.7	415	6019	
KF90S2424I	-24	1.1/2"	38.1	1.1/2"	63.5	113	99.5	345	5004	

INTERLOCK SUPERCAT FLANGE - 90° ELBOW (LONG DROP)

FLANGIA 90° SUPERCAT
 BRIDE 90° SUPERCAT (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA A 90° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

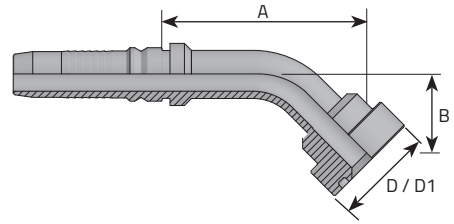


Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm		Inch	mm	mm	mm		
KF90S1212ILD	-12	3/4"	19		3/4"	41.3	105.4	54.7	420	6091
KF90S1216ILD	-12	3/4"	19		1"	47.6	144.8	54.7	420	6091
KF90S1616ILD	-16	1"	25.4		1"	47.6	124.8	70.6	415	6019
KF90S2020ILD	-20	1.1/4"	31.8		1.1/4"	54	124	87.7	415	6019
KF90S2424ILD	-24	1.1/2"	38.1		1.1/2"	63.5	141.7	99.5	345	5004

INTERLOCK SUPERCAT FLANGE 45° ELBOW

FLANGIA 45° SUPERCAT
 BRIDE 45° SUPERCAT (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA A 45° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring



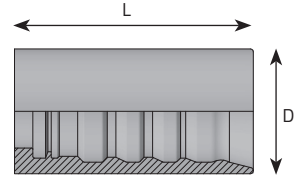
Code	Tube			Thread	Dimensions				Pressure	
	D.N.	Hose	Diam		D	D1	B	A	Bar	Psi
	Inch		mm	Inch	mm	mm	mm			
KF45S1212I	-12	3/4"	19	3/4"	41.3	39	71.7	420	6091	
KF45S1216I	-12	3/4"	19	1"	47.6	43	75.7	420	6091	
KF45S1616I	-16	1"	25.4	1"	47.6	40	91.6	415	6019	
KF45S1620I	-16	1"	25.4	1.1/4"	54	43	94.6	415	6019	
KF45S2020I	-20	1.1/4"	31.8	1.1/4"	54	50	105.7	415	6019	
KF45S2024I	-20	1.1/4"	31.8	1.1/2"	63.5	51	106.7	415	6019	
KF45S2424I	-24	1.1/2"	38.1	1.1/2"	63.5	49	118.5	345	5004	

Waterblast

FERRULE FOR WATERBLAST 4 SPIRAL HOSE

BOCCOLA PER TUBO WATERBLAST A 4 SPIRALI
 JUPE POUR WATERBLAST
 PRESSHÜLSE WATERBLAST
 CASQUILLO PARA WATERBLAST (4 ESPIRALES)

Double skive - Doppia pelatura - Double dénudable -
 Schaelfassung - Doble peladura

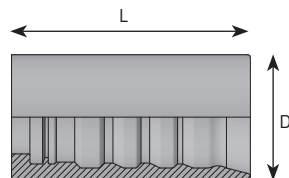


Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
WB4-06	-6	3/8"	9.5		30	57.5	
WB4-08	-8	1/2"	12.8		34	65	
WB4-12	-12	3/4"	19		45	69	
WB4-16	-16	1"	25.4		48	66.5	

FERRULE FOR WATERBLAST 6 SPIRAL HOSE

BOCCOLA PER TUBO WATERBLAST A 6 SPIRALI
 JUPE POUR WATERBLAST
 PRESSHÜLSE WATERBLAST
 CASQUILLO PARA WATERBLAST (6 ESPIRALES)

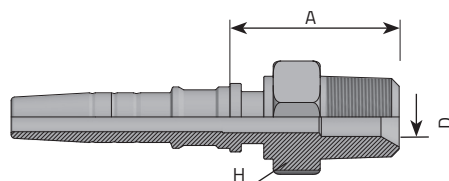
Double skive - Doppia pelatura - Double dénudable -
 Schaelfassung - Doble peladura



Code	Tube			Thread	Dimensions		Pressure
	D.N.	Hose	Diam		D	L	
		Inch	mm		mm	mm	
WB6-08	-8	1/2"	12.8		38	64.5	
WB6-12	-12	3/4"	19		48	69	

INTERLOCK NPTF MALE FOR WATERBLAST HOSE

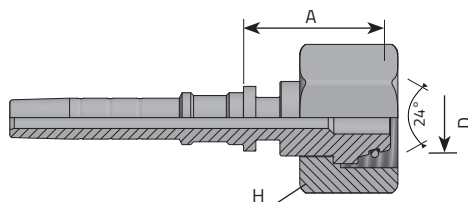
MASCHIO NPTF SV 60° SAE J516 PER TUBO WATERBLAST
 MÂLE NPTF CÔNE 60° POUR WATERBLAST
 AGN 60° INNENKONUS (NPTF) FÜR WATERBLAST
 MACHO NPTF CONO 60° PARA WATERBLAST



Code	Tube			Thread		Dimensions			Pressure	
	D.N.	Hose	Diam	T	t/1"	H	A	D	Bar	Psi
	Inch		mm	Inch		mm	mm	mm		
KMNPTF0606WB	-6	3/8"	9.5	3/8"	18	22	38	8.5		
KMNPTF0808WB	-8	1/2"	12.8	1/2"	14	27	44.6	10		
KMNPTF1212WB	-12	3/4"	19	3/4"	14	32	49.4	15		
KMNPTF1616WB	-16	1"	25.4	1"	11.5	36	44.4	20.5		

INTERLOCK METRIC FEMALE FOR WATERBLAST HOSE

FEMMINA DIRITTA METRICA SERIE PESANTE DIN 3865 PER TUBO WATERBLAST
 FEMELLE DROIT MÉTRIQUE SÉRIE S POUR WATERBLAST
 DKM 24° KONUS – SERIE S FÜR WATERBLAST
 HEMBRA MÉTRICA CONO 24° SERIE S PARA WATERBLAST



Code	Tube		Thread		Dimensions			Pressure		
	D.N.	Hose	Diam	T	t/1"	H	A	D	Bar	Psi
	Inch		mm	mm		mm	mm	mm		
KFE0622S14WB	-6	3/8"	9.5	M22 x 1.5	14	27	32	4.8		
KFE0624S16WB	-6	3/8"	9.5	M24 x 1.5	16	32	34.2	6.3		
KFE0824S16WB	-8	1/2"	12.8	M24 x 1.5	16	32	35.4	6.3		
KFE1236S25WB	-12	3/4"	19	M36 x 2	25	46	44.7	12		
KFE1642S30WB	-16	1"	25.4	M42 x 2	30	50	40	20.5		

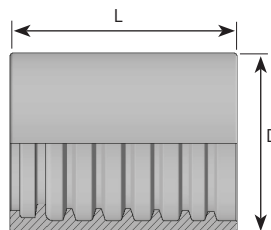
HyperSpiral

FERRULE FOR SPIRAL HOSE



BOCCOLA PER TUBO SPIRALATO
 JUPE POUR
 PRESSHÜLSE
 CASQUILLO PARA

No skive - Senza pelatura - Non-dénudable -
 Nichtschaelfassung - Sin pelar

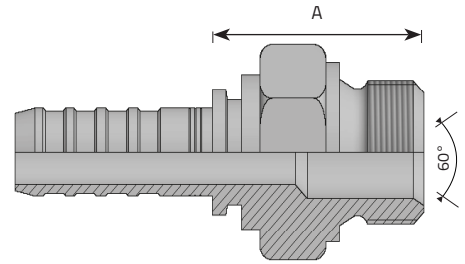


Code	Tube		Thread	Dimensions		Pressure
	D.N.	Hose		Diam	D	
		Inch	mm	mm	mm	
HB4NS06	-6	3/8"	9.5	33	43.9	
HB4NS08	-8	1/2"	12.8	36	45.5	
HB4NS10	-10	5/8"	16	42	50.3	
HB4NS12	-12	3/4"	19	45	55.2	
HB4NS16	-16	1"	25.4	54	68.3	
HB4NS20	-20	1.1/4"	31.8	64	75.2	
* HB6NS20	-20	1.1/4"	31.8	68	75.2	

* **FOR HOSE 4SP - R13 - R15**
PER TUBO 4SP - R13 - R15

BSPP MALE - 60° CONE

MASCHIO BSPP SV 60°
 MÂLE BSPP CÔNE 60°
 AGR 60° INNENKONUS (BSPP GEWINDE)
 MACHO FIJO BSPP CONO 60°

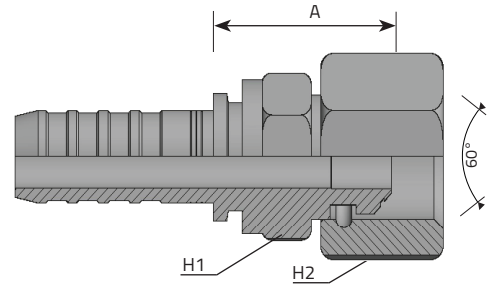


Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	t/1"	H1	A	
	Inch		mm	Inch		mm	mm	
HMG0606	-6	3/8"	9.5	3/8"	19	22	33.5	
HMG0608	-6	3/8"	9.5	1/2"	14	27	36	
HMG0806	-8	1/2"	12.8	3/8"	19	27	33.5	
HMG0808	-8	1/2"	12.8	1/2"	14	27	36	
HMG0810	-8	1/2"	12.8	5/8"	14	30	38	
HMG0812	-8	1/2"	12.8	3/4"	14	32	33.5	
HMG1010	-10	5/8"	16	5/8"	14	32	39	
HMG1012	-10	5/8"	16	3/4"	14	32	39	
HMG1016	-10	5/8"	16	1"	11	38	42.5	
HMG1208	-12	3/4"	19	1/2"	14	34	37	
HMG1210	-12	3/4"	19	5/8"	14	34	39Z	
HMG1212	-12	3/4"	19	3/4"	14	34	39	
HMG1216	-12	3/4"	19	1"	11	38	42.5	
HMG1612	-16	1"	25.4	1"	11	42	41	
HMG1616	-16	1"	25.4	1"	11	42	42.5	
HMG1620	-16	1"	25.4	1.1/4"	11	50	44	
HMG2020	-20	1.1/4"	31.8	1.1/4"	11	50	50.2	
HMG2024	-20	1.1/4"	31.8	1.1/2"	11	55	51.2	

BSPP FEMALE - 60° CONE THRUST-WIRE NUT

FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING
 FEMELLE DROITE BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 60° KONUS MIT O-RING (BSPP- GEWINDE) + GESTIFTETE
 ÜBERWURFMUTTER
 HEMBRA GIRATORIA RECTA BSPP CON O-RING CONO 60°
 (TUERCA CON SEGURO)

* : without o-ring / senza o-ring

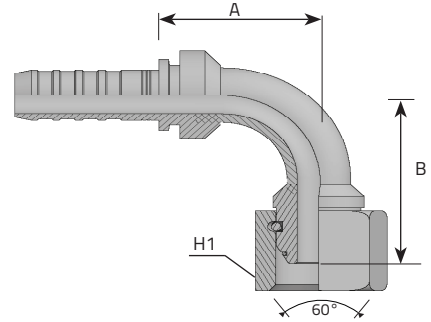


Code	Tube	Thread		Dimensions				Pressure
		D.N.	Hose	Diam	T	t/1"	H1	
		Inch	mm	Inch		mm	mm	
* HFDG0606SP	-6	3/8"	9.5	3/8"	19	22	22	32
* HFDG0608SP	-6	3/8"	9.5	1/2"	14	22	27	33
* HFDG0806SP	-8	1/2"	12.8	3/8"	19	27	22	32
* HFDG0808SP	-8	1/2"	12.8	1/2"	14	27	27	33
* HFDG0810SP	-8	1/2"	12.8	5/8"	14	-	-	-
HFDG0812SP	-8	1/2"	12.8	3/4"	14	27	32	37
* HFDG1008SP	-10	5/8"	16	1/2"	14	32	27	34
HFDG1010SP	-10	5/8"	16	5/8"	14	-	-	-
HFDG1012SP	-10	5/8"	16	3/4"	14	32	32	38
* HFDG1208SP	-12	3/4"	19	1/2"	14	34	27	34
HFDG1212SP	-12	3/4"	19	3/4"	14	34	32	38
HFDG1216SP	-12	3/4"	19	1"	11	34	41	38
HFDG1612SP	-16	1"	25.4	3/4"	14	42	32	40
HFDG1616SP	-16	1"	25.4	1"	11	42	41	40
HFDG1620SP	-16	1"	25.4	1.1/4"	11	42	50	41.5
HFDG2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	50	47.7
HFDG2024SP	-20	1.1/4"	31.8	1.1/2"	11	50	55	49.7

BSPP FEMALE 90° ELBOW THRUST-WIRE NUT

FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING
 FEMELLE 90° BSPP AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 90° BOGEN 60° KONUS MIT O-RING (BSPP-GEWINDE) +
 GESTIFTETE
 HEMBRA GIRATORIA A 90° BSPP CON O-RING (TUERCA CON SEGURO)

* : without o-ring / senza o-ring

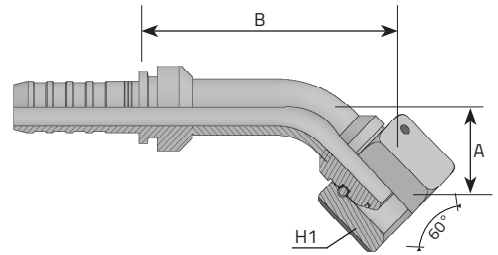


Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	t/1"	H1	B	
	Inch		mm	Inch		mm	mm	mm
* HF90G0606SP	-6	3/8"	9.5	3/8"	19	22	41,0	39,0
* HF90G0608SP	-6	3/8"	9.5	1/2"	14	27	42,5	39,0
* HF90G0806SP	-8	1/2"	12.8	3/8"	19	22	43,0	43,5
* HF90G0808SP	-8	1/2"	12.8	1/2"	14	27	46,0	43,5
HF90G0812SP	-8	1/2"	12.8	3/4"	14	27	51,5	43,5
* HF90G1008SP	-10	5/8"	16	1/2"	14	32	57,0	55,5
HF90G1012SP	-10	5/8"	16	3/4"	14	32	56,5	55,5
* HF90G1208SP	-12	3/4"	19	1/2"	14	27	57,0	59,0
HF90G1212SP	-12	3/4"	19	3/4"	14	32	61,0	59,0
HF90G1216SP	-12	3/4"	19	1"	11	34	66,5	59,0
HF90G1612SP	-16	1"	25.4	3/4"	14	42	71,5	74,0
HF90G1616SP	-16	1"	25.4	1"	11	42	75,0	78,5
HF90G1620SP	-16	1"	25.4	1.1/4"	11	42	79,5	78,5
HF90G2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	92,5	96,7
HF90G2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	97,5	96,7

BSPF FEMALE 45° ELBOW THRUST-WIRE NUT

FEMMINA 45° BSPF SV60° DADO SPINATO CON O-RING
 FEMELLE 45° BSPF AVEC O-RING CÔNE 60° (ÉCROU À JONC)
 DKOR 45° BOGEN 60° KONUS MIT O-RING (BSPF-GEWINDE) +
 GESTIFTETE
 HEMBRA GIRATORIA A 45° BSPF CON O-RING (TUERCA CON SEGURO)

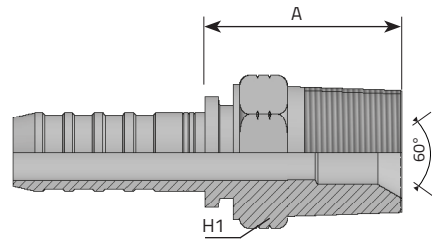
* : without o-ring / senza o-ring



Code	Tube		Thread		Dimensions				Pressure
	D.N.	Hose	Diam	T	t/1"	H1	A	B	
	Inch		mm	Inch		mm	mm	mm	
* HF45G0606SP	-6	3/8"	9.5	3/8"	19	22	22,1	63,1	
* HF45G0608SP	-6	3/8"	9.5	1/2"	14	27	24,4	65,4	
* HF45G0806SP	-8	1/2"	12.8	3/4"	14	22	20,0	67,5	
* HF45G0808SP	-8	1/2"	12.8	1/2"	14	27	23,7	70,2	
HF45G0812SP	-8	1/2"	12.8	3/4"	14	27	21,4	70,9	
* HF45G1008SP	-10	5/8"	16	1/2"	14	32	26,1	70,6	
HF45G1012SP	-10	5/8"	16	3/4"	14	32	26,4	70,9	
* HF45G1208SP	-12	3/4"	19	1/2"	14	27	28,7	68,2	
HF45G1212SP	-12	3/4"	19	3/4"	14	32	30,4	69,9	
HF45G1216SP	-12	3/4"	19	1"	11	-	32,1	71,6	
HF45G1612SP	-16	1"	25.4	3/4"	14	42	38,6	93,1	
HF45G1616SP	-16	1"	25.4	1"	11	42	43,1	97,6	
HF45G1620SP	-16	1"	25.4	1.1/4"	11	42	43,6	98,1	
HF45G2020SP	-20	1.1/4"	31.8	1.1/4"	11	50	43,6	117,3	
HF45G2024SP	-20	1.1/4"	31.8	1.1/2"	11	55	44,3	117,0	

NPTF MALE

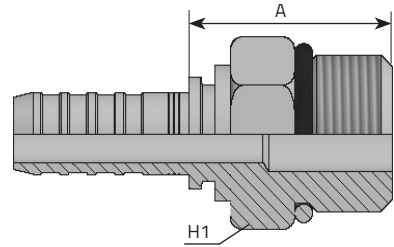
MASCHIO NPTF SV 60°
 MÂLE NPTF CÔNE 60°
 AGN 60° INNENKONUS (NPTF)
 MACHO NPTF CONO 60°



Code	Tube		Thread			Dimensions		Pressure
	D.N.	Hose	Diam	T	t/1"	H1	A	
	Inch		mm	Inch		mm	mm	
HMNPTF0606	-6	3/8"	9.5	3/8"	18	22	33.2	
HMNPTF0608	-6	3/8"	9.5	1/2"	14	22	39	
HMNPTF0808	-8	1/2"	12.8	1/2"	14	27	38	
HMNPTF0812	-8	1/2"	12.8	3/4"	14	30	38	
HMNPTF1008	-10	5/8"	16	1/2"	14	32	39	
HMNPTF1012	-10	5/8"	16	3/4"	14	32	39	
HMNPTF1212	-12	3/4"	19	3/4"	14	34	39	
HMNPTF1216	-12	3/4"	19	1"	11.5	36	45.9	
HMNPTF1612	-16	1"	25.4	3/4"	14	42	41	
HMNPTF1616	-16	1"	25.4	1"	11.5	42	49.5	
HMNPTF1620	-16	1"	25.4	1.1/4"	11.5	46	49.6	
HMNPTF2020	-20	1.1/4"	31.8	1.1/4"	11.5	50	52.8	

O-RING BOSS MALE

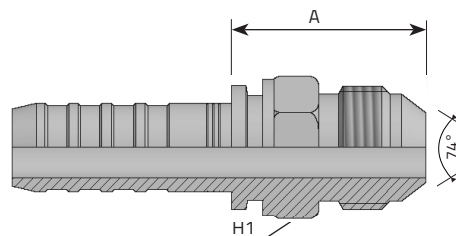
MASCHIO O-RING BOSS
 MÂLE O-RING BOSS
 SAE AUSSENGEWINDE O-RING BOSS
 MACHO FIJO O-RING BOSS (E)



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	t/1"	H1	A	
	Inch		mm	Inch		mm	mm	
HMOB0606	-6	3/8"	9.5	9/16"	18	22	31	
HMOB0608	-6	3/8"	9.5	3/4"	16	22	33	
HMOB0610	-6	3/8"	9.5	7/8"	14	21	36	
HMOB0808	-8	1/2"	12.8	3/4"	16	27	33	
HMOB0810	-8	1/2"	12.8	7/8"	14	27	35	
HMOB0812	-8	1/2"	12.8	1.1/16"	12	32	37.5	
HMOB1008	-10	5/8"	16	3/4"	16	32	34.0	
HMOB1010	-10	5/8"	16	7/8"	14	32	36.0	
HMOB1012	-10	5/8"	16	1.1/16"	12	32	38.5	
HMOB1212	-12	3/4"	19	1.1/16"	12	34	38.5	
HMOB1216	-12	3/4"	19	1.5/16"	12	38	42.5	
HMOB1616	-16	1"	25.4	1.5/16"	12	42	40.5	
HMOB1620	-16	1"	25.4	1.5/8"	12	46	43.5	
HMOB2020	-20	1.1/4"	31.8	1.5/8"	12	50	46.7	

JIC 37° MALE

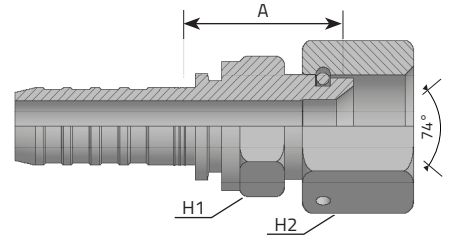
MASCHIO JIC SV 37°
 MÂLE JIC CÔNE 37°
 AGJ 37° JIC AUSSENKONUS (UNF – GEWINDE)
 MACHO JIC CONO 37°(E)



Code	Tube			Thread		Dimensions		Pressure
	D.N.	Hose	Diam	T	t/1"	H1	A	
	Inch		mm	Inch		mm	mm	
HMJ0606	-6	3/8"	9.5	9/16"	18	22	33	
HMJ0608	-6	3/8"	9.5	3/4"	16	22	35.5	
HMJ0610	-6	3/8"	9.5	7/8"	14	24	38.5	
HMJ0808	-8	1/2"	12.8	3/4"	16	27	35.5	
HMJ0810	-8	1/2"	12.8	7/8"	14	27	38.5	
HMJ1010	-10	5/8"	16	7/8"	14	32	39.5	
HMJ1012	16	5/8"	10	1.1/16"	12	32	42	
HMJ1210	20	3/4"	12	7/8"	14	34	39.5	
HMJ1212	20	3/4"	12	1.1/16"	12	34	42	
HMJ1214	20	3/4"	12	1.3/16"	12	34	43	
HMJ1216	20	3/4"	12	1.5/16"	12	34	43	
HMJ1612	25	1"	16	1.1/16"	12	42	44	
HMJ1616	25	1"	16	1.5/16"	12	42	45	
HMJ1620	25	1"	16	1.5/8"	12	42	46.5	
HMJ2020	32	1.1/4"	20	1.5/8"	12	50	52.7	
HMJ2024	40	1.1/4"	20	1.7/8"	12	50	57.2	

JIC 37° FEMALE THRUST WIRE NUT

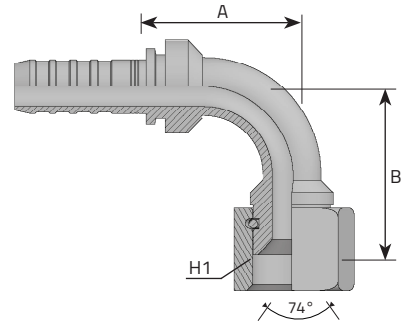
FEMMINA DIRITTA JIC SV 37° DADO SPINATO
 FEMELLE DROIT JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 37° JIC DICHTKOPF (UNF-GEWINDE) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA JIC CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	t/1"	H1	H2	
	Inch	mm	Inch			mm	mm	mm
HFDJ0606SP	-6	3/8"	9.5	9/16"	18	22	19	29
HFDJ0608SP	-6	3/8"	9.5	3/4"	16	22	24	30
HFDJ0610SP	-6	3/8"	9.5	7/8"	14	22	27	33.4
HFDJ0808SP	-8	1/2"	12.8	3/4"	16	27	24	30
HFDJ0810SP	-8	1/2"	12.8	7/8"	14	27	27	30.4
HFDJ0812SP	-8	1/2"	12.8	1.1/16"	12	27	32	33
HFDJ1010SP	-10	5/8"	16	7/8"	14	32	27	31.4
HFDJ1012SP	-10	5/8"	16	1.1/16"	12	32	32	34
HFDJ1210SP	-12	3/4"	19	7/8"	14	34	27	31.4
HFDJ1212SP	-12	3/4"	19	1.1/16"	12	34	32	34
HFDJ1214SP	-12	3/4"	19	1.3/16"	12	-	-	-
HFDJ1216SP	-12	3/4"	19	1.5/16"	12	34	41	34
HFDJ1612SP	-16	1"	25.4	1.1/16"	12	42	32	36
HFDJ1614SP	-16	1"	25.4	1.3/16"	12	-	-	-
HFDJ1616SP	-16	1"	25.4	1.5/16"	12	42	41	36
HFDJ1620SP	-16	1"	25.4	1.5/8"	12	42	50	40
HFDJ2016SP	-20	1.1/4"	31.8	1.5/16"	12	50	41	41.2
HFDJ2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	50	46.2
HFDJ2024SP	-20	1.1/4"	31.8	1.7/8"	12	50	55	48.2

JIC 37° FEMALE - 90° ELBOW THRUST WIRE NUT

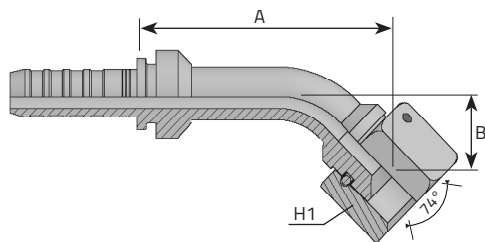
FEMMINA 90° JIC SV 37° CON DADO SPINATO
 FEMELLE 90° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 90° BOGEN 37° JIC DICHTKOPF (UNF) + GESTIFTETE ÜBERWURFMUTTER
 HEMBRA GIRATORIA JIC CODO 90° CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	t/1"	H1	B	
	Inch		mm	Inch		mm	mm	mm
HF90J0606SP	-6	3/8"	9.5	9/16"	18	19	37,0	39,0
HF90J0608SP	-6	3/8"	9.5	3/4"	16	24	37,5	39,0
HF90J0610SP	-6	3/8"	9.5	7/8"	14	27	47,0	39,0
HF90J0808SP	-8	1/2"	12.8	3/4"	16	24	41,5	43,5
HF90J0810SP	-8	1/2"	12.8	7/8"	14	27	43,0	43,5
HF90J0812SP	-8	1/2"	12.8	1.1/16"	12	32	50,0	43,5
HF90J1010SP	-10	5/8"	16	7/8"	14	27	50,5	55,5
HF90J1012SP	-10	5/8"	16	1.1/16"	12	32	56,0	55,5
HF90J1210SP	-12	3/4"	19	7/8"	14	27	63,6	59,0
HF90J1212SP	-12	3/4"	19	1.1/16"	12	32	60,5	59,0
HF90J1216SP	-12	3/4"	19	1.5/16"	12	41	65,0	59,0
HF90J1612SP	-16	1"	25.4	1.1/16"	12	32	79,5	74,5
HF90J1616SP	-16	1"	25.4	1.5/16"	12	41	69,0	78,5
HF90J1620SP	-20	1"	31.8	1.5/8"	12	50	77,5	78,5
HF90J2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	90,5	96,7
HF90J2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	98,0	96,7

JIC 37° FEMALE - 45° ELBOW THRUST WIRE NUT

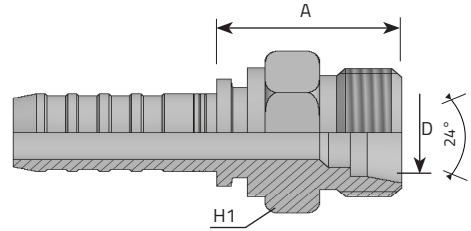
FEMMINA 45° JIC SV 37° CON DADO SPINATO
 FEMELLE 45° JIC CÔNE 37° (ÉCROU À JONC)
 DKJ 45° BOGEN 37° JIC DICHTKOPF (UNF) + GESTIFTETE
 ÜBERWURFMUTTER
 HEMBRA GIRATORIA JIC CODO 45° CONO 37° (TUERCA CON SEGURO)



Code	Tube		Thread		Dimensions				Pressure
	D.N.	Hose	Diam	T	t/1"	H1	B	A	
	Inch		mm	Inch	mm	mm	mm		
HF45J0606SP	-6	3/8"	9.5	9/16"	18	19	19,4	60,4	
HF34J0608SP	-6	3/8"	9.5	3/4"	16	24	19,7	60,7	
HF45J0610SP	-6	3/8"	9.5	7/8"	14	27	26,3	67,3	
HF45J0808SP	-8	1/2"	12.8	3/4"	16	24	20,4	66,9	
HF45J0810SP	-8	1/2"	12.8	7/8"	14	27	21,4	67,9	
HF45J0812SP	-8	1/2"	12.8	1.1/16"	12	32	22,0	68,5	
HF45J1010SP	-10	5/8"	16	7/8"	14	27	22,4	66,9	
HF45J1012SP	-10	5/8"	16	1.1/16"	12	32	25,7	70,2	
HF45J1210SP	-12	3/4"	19	7/8"	14	27	33,0	71,5	
HF45J1212SP	-12	3/4"	19	1.1/16"	12	32	30,8	69,3	
HF45J1216SP	-12	3/4"	19	1.5/16"	12	41	30,8	70,3	
HF45J1612SP	-16	1"	25.4	1.1/16"	12	32	39,1	105,1	
HF45J1616SP	-16	1"	25.4	1.5/16"	12	41	39,1	93,6	
HF45J1620SP	-20	1"	31.8	1.5/8"	12	50	37,8	94,3	
HF45J2020SP	-20	1.1/4"	31.8	1.5/8"	12	50	43,3	108,0	
HF45J2024SP	-20	1.1/4"	31.8	1.7/8"	12	55	44,3	110,0	

METRIC MALE 24° CONE - L TYPE

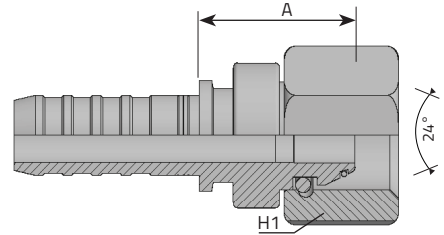
MASCHIO METRICO 24° DKOL
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE L
 CEL 24° KONUS METRISCH
 MACHO MÉTRICO CONO 24° - SERIE L



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	D	H1	A	
	Inch		mm	mm	mm	mm	mm	
HME0616L10	-6	3/8"	9.5	M16 x 1.5	10	22	30.2	
HME0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	30.2	
HME0622L15	-6	3/8"	9.5	M22 x 1.5	15	24	32	
HME0818L12	-8	1/2"	12.8	M18 x 1.5	12	27	30	
HME0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	31	
HME0826L18	-8	1/2"	12.8	M26 x 1.5	18	27	31	
HME1026L18	-10	5/8"	16	M26 x 1.5	18	32	32	
HME1030L22	-10	5/8"	16	M30 x 2	22	32	33.5	
HME1226L18	-12	3/4"	19	M26 x 1.5	18	34	32.0	
HME1230L22	-12	3/4"	19	M30 x 2	22	34	33.5	
HME1636L28	-16	1"	25.4	M36 x 2	28	42	36.0	
HME2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	44.2	

METRIC FEMALE 24° CONE - L TYPE

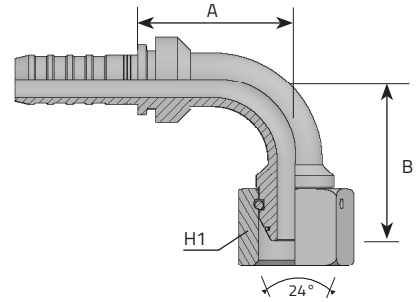
FEMMINA 90° METRICA DKOL CON O-RING 24°
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA GIRATORIA MÉTRICA CON O-RING CONO 24° - SERIE L



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	D	H1	A	
	Inch		mm	mm	mm	mm	mm	
HFE0616L10	-6	3/8"	9.5	M16 x 1.5	10	22	36.2	
HFE0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	36.5	
HFE0622L15	-6	3/8"	9.5	M18 x 1.5	15	27	39.9	
HFE0818L12	-8	1/2"	12.8	M18 x 1.5	12	27	36.5	
HFE0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	39.9	
HFE0826L18	-8	1/2"	12.8	M26 x 1.5	18	27	38.7	
HFE1026L18	-10	5/8"	16	M26 x 1.5	18	32	39.7	
HFE1030L22	-10	5/8"	16	M30 x 2	22	32	42.6	
HFE1226L18	-12	3/4"	19	M26 x 1.5	18	34	39.7	
HFE1230L22	-12	3/4"	19	M30 x 2	22	34	42.6	
HFE1236L28	-12	3/4"	19	M36 x 2	28	34	46	
HFE1636L28	-16	1"	25.4	M36 x 2	28	42	46	
HFE2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	54.3	

METRIC FEMALE 24° CONE - 90° ELBOW L TYPE

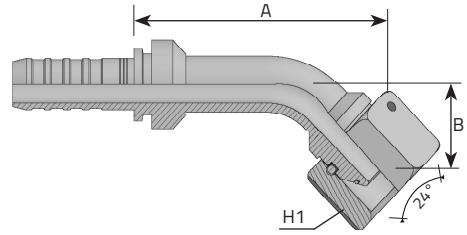
FEMMINA 90° METRICA DKOL CON O-RING 24°
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
 DKO-L 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA GIRATORIA A 90° MÉTRICA CON O-RING CONO 24° - SERIE L



Code	Tube			Thread	Dimensions				Pressure
	D.N.	Hose	Diam		T	D	H1	B	
	Inch		mm	mm	mm	mm	mm	mm	
HF90E0616L10	-6	3/8"	9.5	M16x 1.5	10	22	39,2	39,0	
HF90E0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	44,3	41,8	
HF90E0622L15	-6	3/8"	9.5	M22 x 1.5	15	22	49,5	40,3	
HF90E0818L12	-8	1/2"	12.8	M18 x 1.5	12	27	50,0	43,5	
HF90E0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	52,0	45,1	
HF90E0826L18	-8	1/2"	12.8	M26 x 1.5	18	27	52,8	44,7	
HF90E1026L18	-10	5/8"	16	M26 x 1.5	18	32	56,8	56,1	
HF90E1030L22	-10	5/8"	16	M30 x 2	22	32	61,7	55,4	
HF90E1226L18	-12	3/4"	19	M26 x 1.5	18	34	63,4	59,0	
HF90E1230L22	-12	3/4"	19	M30 x 2	22	34	65,2	62,1	
HF90E1236L28	-12	3/4"	19	M36 x 2	28	34	66,6	62,1	
HF90E1636L28	-16	1"	25.4	M36 x 2	28	42	84,1	76,6	
HF90E2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	97,7	100,3	

METRIC FEMALE 24° CONE -45° ELBOW L TYPE

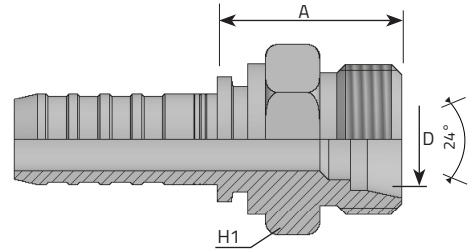
FEMMINA 45° METRICA O-RING 24° DKOL CON O-RING
FEMELLE 45° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE L
DKO-L 45° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
HEMBRA MÉTRICA A 45° CON O-RING CONO 24° - SERIE L



Code	Tube		Thread		Dimensions				Pressure
	D.N.	Hose	Diam	T	D	H1	B	A	
	Inch		mm	mm	mm	mm	mm	mm	
HF45E0616L10	-6	3/8"	9.5	M16x 1.5	10	22	20,8	61,8	
HF45E0618L12	-6	3/8"	9.5	M18 x 1.5	12	22	21,8	68,1	
HF45E0622L15	-6	3/8"	9.5	M22 x 1.5	15	22	24,3	70,6	
HF45E0818L12	-8	1/2"	12.8	M18 x 1.5	12	27	27,7	70,2	
HF45E0822L15	-8	1/2"	12.8	M22 x 1.5	15	27	27,6	75,2	
HF45E0826L18	-8	1/2"	12.8	M26 x 1.5	18	27	30,4	74,6	
HF45E1026L18	-10	5/8"	16	M26 x 1.5	18	32	32,4	73,5	
HF45E1030L22	-10	5/8"	16	M30 x 2	22	32	36,2	76,5	
HF45E1226L18	-12	3/4"	19	M26 x 1.5	18	34	33,4	68,4	
HF45E1230L22	-12	3/4"	19	M30 x 2	22	34	33,9	75,5	
HF45E1236L28	-12	3/4"	19	M36 x 2	28	34	34,8	97,9	
HF45E1636L28	-16	1"	25.4	M36 x 2	28	42	46,7	97,3	
HF45E2045L35	-20	1.1/4"	31.8	M45 x 2	35	50	42,9	120,7	

METRIC MALE 24° CONE S TYPE

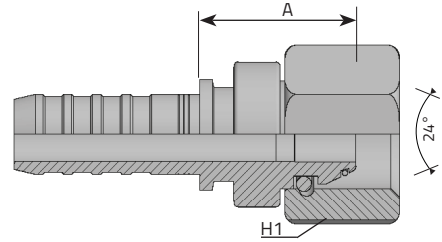
MASCHIO METRICO 24° DKOS
 MÂLE MÉTRIQUE CÔNE 24° - SÉRIE S
 CES METRISCH 24° KONUS
 MACHO MÉTRICO CONO 24° - SERIE S



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	D	H1	A	
	Inch		mm	mm	mm	mm	mm	
HME0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	30.2	
HME0620S12	-6	3/8"	9.5	M20 x 1.5	12	22	31	
HME0622S14	-6	3/8"	9.5	M22 x 1.5	14	24	34.5	
HME0822S16	-8	1/2"	12.8	M22 x 1.5	16	27	33.5	
HME0824S16	-8	1/2"	12.8	M24 x 1.5	16	27	33.5	
HME1030S20	-10	5/8"	16	M30 x 2	20	32	35.5	
HME1230S20	-12	3/4"	19	M30 x 2	20	34	36	
HME1236S25	-12	3/4"	19	M36 x 2	25	38	40	
HME1242S30	-12	3/4"	19	M42 x 2	30	46	45.0	
HME1636S25	-16	1"	25.4	M36 x 2	25	42	40	
HME1642S30	-16	1"	25.4	M42 x 2	30	46	45	
HME2052S38	-20	1.1/4"	31.8	M52 x 2	38	55	49.2	

METRIC FEMALE 24° CONE S TYPE

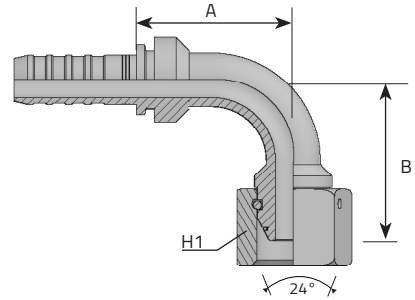
FEMMINA DIRITTA METRICA O-RING 24° DKOS
FEMELLE DROIT MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
DKO-S INNENGEWINDE MIT O-RING 24° KONUS
HEMBRA MÉTRICA CONO 24° CON O-RING - SERIE S



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	D	H1	A	
	Inch		mm	mm	mm	mm	mm	
HFE0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	36.5	
HFE0620S12	-6	3/8"	9.5	M20 x 1.5	12	22	38.5	
HFE0622S14	-6	3/8"	9.5	M22 x 1.5	14	22	39.2	
HFE0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	39.2	
HFE0824S16	-8	1/2"	12.8	M24 x 1.5	16	27	39.7	
HFE0830S20	-8	1/2"	12.8	M30 x 2	20	27	41.5	
HFE1030S20	-10	5/8"	16	M30 x 2	20	32	42.5	
HFE1036S25	-10	5/8"	16	M36 x 2	25	32	44.7	
HFE1230S20	-12	3/4"	9.5	M30 x 2	20	34	42.5	
HFE1236S25	-12	3/4"	19	M36 x 2	25	34	44.7	
HFE1242S30	-12	3/4"	19	M42 x 2	30	42	49	
HFE1636S25	-16	1"	25.4	M36 x 2	25	42	46.7	
HFE1642S30	-16	1"	25.4	M42 x 2	30	42	49	
HFE2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	55.2	
HFE2052S38	-20	1.1/4"	31.8	M52 x 2	38	60	59.2	

METRIC FEMALE 24° CONE - 90° ELBOW - S TYPE

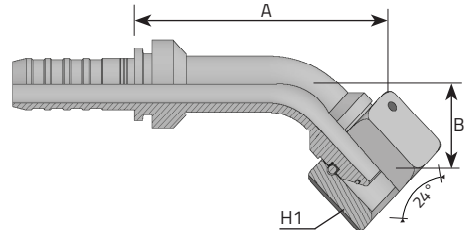
FEMMINA 90° METRICA O-RING 24° DKOS
 FEMELLE 90° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S 90° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 90° CON O-RING CONO 24° - SERIE S



Code	Tube			Thread	Dimensions				Pressure
	D.N.	Hose	Diam		T	D	H1	B	
	Inch		mm	mm	mm	mm	mm	mm	
HF90E0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	39,2	40,3	
HF90E0620S12	-6	3/8"	9.5	M20 x 1.5	12	22	46,3	41,8	
HF90E0622S14	-6	3/8"	9.5	M22 x 1.5	14	22	49,0	40,3	
HF90E0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	49,8	44,6	
HF90E0824S16	-8	1/2"	12.8	M24 x 1.5	16	27	52,9	44,2	
HF90E0830S20	-8	1/2"	12.8	M30 x 2	20	27	57,0	44,2	
HF90E1030S20	-10	5/8"	16	M30 x 2	20	32	63,6	55,4	
HF90E1036S25	-10	5/8"	16	M36 x 2	25	32	68,8	55,4	
HF90E1230S20	-12	3/4"	19	M30 x 2	20	34	67,6	62,1	
HF90E1236S25	-12	3/4"	19	M36 x 2	25	34	69,3	62,1	
HF90E1636S25	-16	1"	25.4	M36 x 2	25	42	81,2	78,6	
HF90E1642S30	-16	1"	25.4	M42 x 2	30	42	89,6	78,6	
HF90E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	96,1	100,3	
HF90E2052S38	-20	1.1/4"	31.8	M52 x 2	38	50	98,9	100,2	

METRIC FEMALE 24° CONE - 45° ELBOW - S TYPE

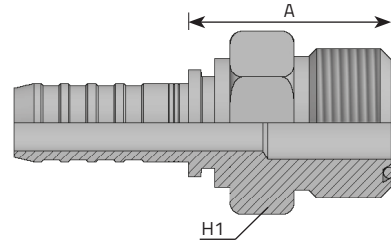
FEMMINA 45° METRICA O-RING 24° DKOS
 FEMELLE 45° MÉTRIQUE CÔNE 24° AVEC O-RING - SÉRIE S
 DKO-S 45° BOGEN INNENGEWINDE MIT O-RING 24° KONUS
 HEMBRA MÉTRICA A 45° CON O-RING CONO 24° - SERIE S



Code	Tube		Thread		Dimensions				Pressure
	D.N.	Hose	Diam	T	D	H1	B	A	
	Inch		mm	mm	mm	mm	mm	mm	
HF45E0618S10	-6	3/8"	9.5	M18 x 1.5	10	22	20,8	63,1	
HF45E0620S12	-6	3/8"	9.5	M20 x 1.5	12	22	23,2	69,5	
HF45E0622S14	-6	3/8"	9.5	M22 x 1.5	14	22	23,9	70,2	
HF45E0822S14	-8	1/2"	12.8	M22 x 1.5	14	27	26,1	74,1	
HF45E0824S16	-8	1/2"	12.8	M24 x 1.5	16	27	27,5	76,7	
HF45E0830S20	-8	1/2"	12.8	M30 x 2	20	27	27,4	75,1	
HF45E1030S20	-10	5/8"	16	M30 x 2	20	32	31,4	76,7	
HF45E1036S25	-10	5/8"	16	M36 x 2	25	32	32,9	79,7	
HF45E1230S20	-12	3/4"	19	M30 x 2	20	34	33,1	75,7	
HF45E1236S25	-12	3/4"	19	M36 x 2	25	34	35,2	82,8	
HF45E1636S25	-16	1"	25.4	M36 x 2	25	42	42,4	98,5	
HF45E1642S30	-16	1"	25.4	M42 x 2	30	42	48,3	104,9	
HF45E2042S30	-20	1.1/4"	31.8	M42 x 2	30	50	42,1	119,9	
HF45E2052S38	-20	1.1/4"	31.8	M52 x 2	38	50	44,1	121,8	

ORFS MALE

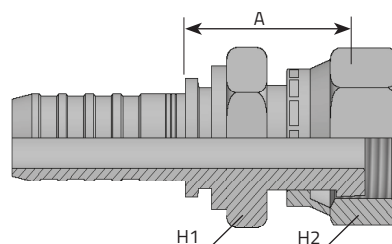
MASCHIO ORFS
 MÂLE ORFS
 AGF ORFS STIRNDICHTEND
 MACHO ORFS



Code	Tube		Thread			Dimensions		Pressure
	D.N.	Hose	Diam	T	t/1"	H1	A	
	Inch		mm	Inch		mm	mm	
HMORFS0609	-6	3/8"	9.5	11/16"	16	22	31.5	
HMORFS0611	-6	3/8"	9.5	13/16"	16	22	32.5	
HMORFS0613	-6	3/8"	9.5	1"	14	27	36.5	
HMORFS0811	-8	1/2"	12.8	13/16"	16	27	32.5	
HMORFS0813	-8	1/2"	12.8	1"	16	27	35.5	
HMORFS0814	-8	1/2"	12.8	1.3/16"	16	32	37.0	
HMORFS1013	-10	5/8"	16	1"	14	32	36.5	
HMORFS1014	-10	5/8"	16	1.3/16"	16	32	38.0	
HMORFS1214	-12	3/4"	19	1.3/16"	16	34	38.0	
HMORFS1215	-12	3/4"	19	1.7/16"	12	41	41.5	
HMORFS1615	-16	1"	25.4	1.7/16"	12	42	41.5	
HMORFS2021	-20	1.1/4"	31.8	1.11/16"	12	50	45.7	

ORFS FEMALE (DOUBLE HEXAGON)

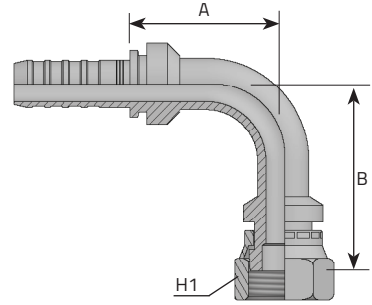
FEMMINA DIRITTA ORFS DOPPIO ESAGONO
 FEMELLE DROIT ORFS
 ORFS – UNF GEWINDE
 HEMBRA GIRATORIA RECTA ORFS - DOBLE HEXAGONO



Code	Tube		Thread		Dimensions				Pressure
	D.N.	Hose	Diam	T	t/1"	H1	H2	A	
	Inch		mm	Inch		mm	mm	mm	
HFORFS0606GIR	-6	3/8"	9.5	9/16"	18	22	17	36.5	
HFORFS0609GIR	-6	3/8"	9.5	11/16"	16	22	22	39	
HFORFS0611GIR	-6	3/8"	9.5	13/16"	16	22	24	44.5	
HFORFS0809GIR	-8	1/2"	12.8	11/16"	16	27	22	39	
HFORFS0811GIR	-8	1/2"	12.8	13/16"	16	27	24	44	
HFORFS0813GIR	-8	1/2"	12.8	1"	14	27	30	44	
HFORFS0814GIR	-8	1/2"	12.8	1.3/16"	16	30	36	45.5	
HFORFS1013GIR	-10	5/8"	16	1"	14	32	30	45	
HFORFS1014GIR	-10	5/8"	16	1.3/16"	16	32	36	46.5	
HFORFS1213GIR	-12	3/4"	19	1"	14	34	30	45	
HFORFS1214GIR	-12	3/4"	19	1.3/16"	16	34	36	46.5	
HFORFS1215GIR	-12	3/4"	19	1.7/16"	12	36	41	47	
HFORFS1221GIR	-12	3/4"	19	1.11/16"	12	41	50	51	
HFORFS1614GIR	-16	1"	25.4	1.3/16"	16	42	36	48.5	
HFORFS1615GIR	-16	1"	25.4	1.7/16"	12	42	41	49	
HFORFS1621GIR	-16	1"	25.4	1.11/16"	12	42	50	51	
HFORFS2021GIR	-20	1.1/4"	31.8	1.11/16"	12	50	50	57.2	
HFORFS2032GIR	-20	1.1/4"	31.8	2"	12	50	60	57.2	

ORFS FEMALE SWIVEL 90° ELBOW

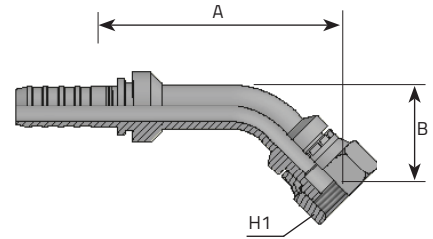
FEMMINA 90° ORFS
 FEMELLE 90° ORFS
 DK 90° BOGEN ORFS UNF STIRNDICHTEND
 HEMBRA GIRATORIA A 90° ORFS



Code	Tube		Thread		Dimensions			Pressure
	D.N.	Hose	Diam	T	t/1"	H1	B	
	Inch		mm	Inch		mm	mm	mm
HF900RFS0606	-6	3/8"	9.5	9/16"	18	22	46,5	38,5
HF900RFS0609	-6	3/8"	9.5	11/16"	16	22	47,8	42,3
HF900RFS0611	-6	3/8"	9.5	13/16"	16	27	52,6	40,3
HF900RFS0809	-8	1/2"	12.8	11/16"	16	27	50,0	45,0
HF900RFS0811	-8	1/2"	12.8	13/16"	16	27	58,1	42,6
HF900RFS0813	-8	1/2"	12.8	1"	14	27	54,7	44,1
HF900RFS0814	-8	1/2"	12.8	1.3/16"	16	30	58,1	43,1
HF900RFS1013	-10	5/8"	16	1"	14	32	65,2	59,1
HF900RFS1014	-10	5/8"	16	1.3/16"	16	32	64,6	54,1
HF900RFS1213	-12	3/4"	19	1"	14	34	72,2	60,6
HF900RFS1214	-12	3/4"	19	1.3/16"	16	34	73,6	61,6
HF900RFS1215	-12	3/4"	19	1.7/16"	12	36	77,5	62,1
HF900RFS1221	-12	3/4"	19	1.11/16"	12	41	83,9	97,6
HF900RFS1614	-16	1"	25.4	1.3/16"	16	42	86,5	75,5
HF900RFS1615	-16	1"	25.4	1.7/16"	12	42	85,6	79,6
HF900RFS1621	-16	1"	25.4	1.11/16"	12	42	99,4	97,5
HF900RFS2021	-20	1.1/4"	31.8	1.11/16"	12	41	99,9	98,1
HF900RFS2032	-20	1.1/4"	31.8	2"	12	50	90,6	103,1

ORFS FEMALE SWIVEL 45° ELBOW

FEMMINA 45° ORFS
 FEMELLE 45° ORFS
 DK 45° BOGEN ORFS UNF STIRNDICHTEND
 HEMBRA GIRATORIA A 45° ORFS

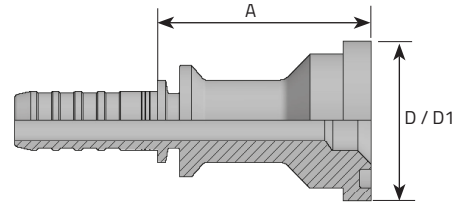


Code	Tube		Thread		Dimensions				Pressure
	D.N.	Hose	Diam	T	t/1"	H1	B	A	
	Inch		mm	Inch		mm	mm	mm	
HF45ORFS0606	-6	3/8"	9.5	9/16"	18	22	25,8	62,8	
HF45ORFS0609	-6	3/8"	9.5	11/16"	16	22	26,3	70,6	
HF45ORFS0611	-6	3/8"	9.5	13/16"	16	27	31,5	72,8	
HF45ORFS0809	-8	1/2"	12.8	11/16"	16	27	25,3	75,8	
HF45ORFS0811	-8	1/2"	12.8	13/16"	16	27	33,6	78,6	
HF45ORFS0813	-8	1/2"	12.8	1"	14	27	31,1	77,1	
HF45ORFS0814	-8	1/2"	12.8	1.3/16"	16	30	36,1	79,1	
HF45ORFS1013	-10	5/8"	16	1"	14	32	35,3	77,9	
HF45ORFS1014	-10	5/8"	16	1.3/16"	16	32	32,7	76,3	
HF45ORFS1213	-12	3/4"	19	1"	14	34	39,4	79,5	
HF45ORFS1214	-12	3/4"	19	1.3/16"	16	34	40,4	81,0	
HF45ORFS1215	-12	3/4"	19	1.7/16"	12	36	43,6	84,7	
HF45ORFS1221	-12	3/4"	19	1.11/16"	12	41	46,9	112,5	
HF45ORFS1614	-16	1"	25.4	1.3/16"	16	42	44,1	103,1	
HF45ORFS1615	-16	1"	25.4	1.7/16"	12	42	44,4	105,0	
HF45ORFS1621	-16	1"	25.4	1.11/16"	12	42	43,3	112,8	
HF45ORFS2021	-20	1.1/4"	31.8	1.11/16"	12	41	51,3	118,4	
HF45ORFS2032	-20	1.1/4"	31.8	2"	12	50	45,3	116,4	

FLANGE CODE 61 - 3000 PSI

FLANGIA 3000 PSI
 BRIDE DROIT 3000 PSI (PIÈCE ENTIER)
 FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA RECTA 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

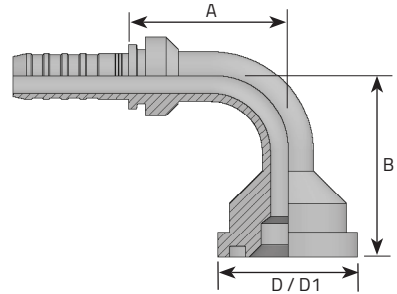


Code	Tube			Thread	Dimensions			Pressure
	D.N.	Hose	Diam		D	D1	A	
		Inch	mm		Inch	mm	mm	
HF DL0808I	-8	1/2"	12.8		1/2"	30.2	56.2	
HF DL0810I	-8	1/2"	12.8		5/8"	34	58.05	
HF DL0812I	-8	1/2"	12.8		3/4"	38.1	62.3	
HF DL1010I	-10	5/8"	16		5/8"	34	58.8	
HF DL1012I	-10	5/8"	16		3/4"	38.1	60.3	
HF DL1208I	-12	3/4"	19		1/2"	30.2	63.2	
HF DL1212I	-12	3/4"	19		3/4"	38.1	61.3	
HF DL1216I	-12	3/4"	19		1"	44.5	65	
HF DL1612I	-16	1"	25.4		3/4"	38.1	59	
HF DL1616I	-16	1"	25.4		1"	44.5	68	
HF DL1620I	-16	1"	25.4		1.1/4"	50.8	74	
HF DL2016I	-20	1.1/4"	31.8		1"	44.5	67.7	
HF DL2020I	-20	1.1/4"	31.8		1.1/4"	50.8	85.2	
HF DL2024I	-20	1.1/4"	31.8		1.1/2"	60.3	90.2	

FLANGE CODE 61 - 3000 PSI - 90° ELBOW

FLANGIA 90° SAE J518 3000 PSI INTERA
 BRIDE 90° 3000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 90° 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

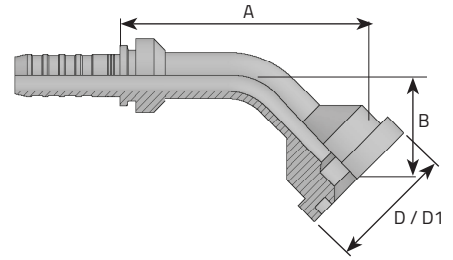


Code	Tube		Thread	Dimensions				Pressure
	D.N.	Hose		Diam	D	D1	B	
	Inch		mm	Inch	mm	mm	mm	
HF90L0808I	-8	1/2"	12.8	1/2"	30.2	43,0	43,5	
HF90L0810I	-8	1/2"	12.8	5/8"	34	47,0	43,5	
HF90L0812I	-8	1/2"	12.8	3/4"	38.1	50,0	43,5	
HF90L1010I	-10	5/8"	16	5/8"	34	52,0	55,5	
HF90L1012I	-10	5/8"	16	3/4"	38.1	55,0	55,5	
HF90L1208I	-12	3/4"	19	1/2"	30.2	52,0	62,5	
HF90L1212I	-12	3/4"	19	3/4"	38.1	58,0	62,5	
HF90L1216I	-12	3/4"	19	1"	44.5	62,0	62,5	
HF90L1612I	-16	1"	25.4	3/4"	38.1	59,5	82,5	
HF90L1616I	-16	1"	25.4	1"	44.5	63,5	82,5	
HF90L1620I	-16	1"	25.4	1.1/4"	50.8	69,5	82,5	
HF90L2020I	-20	1.1/4"	31.8	1.1/4"	50.8	86,0	96,7	
HF90L2024I	-20	1.1/4"	31.8	1.1/2"	60.3	87,0	96,7	

FLANGE CODE 61 - 3000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 3000 PSI INTERA
 BRIDE 45° 3000 PSI (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS 3000 PSI – EINTEILIG
 BRIDA A 45° 3000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

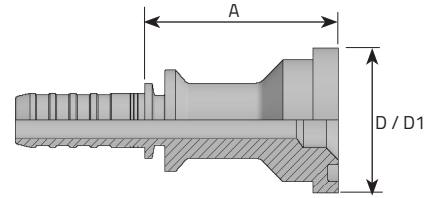


Code	Tube			Thread	Dimensions				Pressure
	D.N.	Hose	Diam		D	D1	B	A	
		Inch	mm		Inch	mm	mm	mm	
HF45L0808I	-8	1/2"	12.8		1/2"	30.2	23,0	67,5	
HF45L0810I	-8	1/2"	12.8		5/8"	34	25,0	72,5	
HF45L0812I	-8	1/2"	12.8		3/4"	38.1	28,0	72,5	
HF45L1010I	-10	5/8"	16		5/8"	34	30,0	69,5	
HF45L1012I	-10	5/8"	16		3/4"	38.1	30,0	69,5	
HF45L1208I	-12	3/4"	19		1/2"	30.2	28,0	68,5	
HF45L1212I	-12	3/4"	19		3/4"	38.1	32,0	72,5	
HF45L1216I	-12	3/4"	19		1"	44.5	35,0	75,5	
HF45L1612I	-16	1"	25.4		3/4"	38.1	34,6	88,1	
HF45L1616I	-16	1"	25.4		1"	44.5	31,6	91,1	
HF45L1620I	-16	1"	25.4		1.1/4"	50.8	35,6	95,1	
HF45L2020I	-20	1.1/4"	31.8		1.1/4"	50.8	42,3	107,0	
HF45L2024I	-20	1.1/4"	31.8		1.1/2"	60.3	43,3	108,0	

FLANGE CODE 62 - 6000 PSI

FLANGIA DIRITTA SAE J518 6000 PSI INTERA
 BRIDE DROIT 6000 PSI (PIÈCE ENTIER)
 FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
 BRIDA RECTA 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

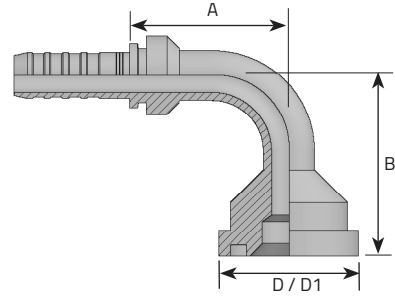


Code	Tube			Thread	Dimensions			Pressure
	D.N.	Hose	Diam		D	D1	A	
		Inch	mm		Inch	mm	mm	
HFDP0808I	-8	1/2"	12.8		1/2"	31.7	61.2	
HFDP0812I	-8	1/2"	12.8		3/4"	41.3	64.5	
HFDP1008I	-10	5/8"	16		1/2"	31.7	65.2	
HFDP1012I	-10	5/8"	16		3/4"	41.3	63.5	
HFDP1212I	-12	3/4"	19		3/4"	41.3	66.5	
HFDP1216I	-12	3/4"	19		1"	47.6	75.03	
HFDP1612I	-16	1"	25.4		3/4"	41.3	78.5	
HFDP1616I	-16	1"	25.4		1"	47.6	82.03	
HFDP1620I	-16	1"	25.4		1.1/4"	54	87.3	
HFDP2020I	-20	1.1/4"	31.8		1.1/4"	54	87	
HFDP2024I	-20	1.1/4"	31.8		1.1/2"	63.5	98.8	

**FLANGE CODE 62 - 6000 PSI -
90° ELBOW**

FLANGIA A 90° SAE J518 6000 PSI INTERA
BRIDE 90° 6000 PSI (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
BRIDA A 90° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

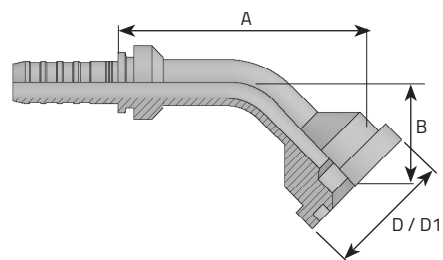


Code	Tube			Thread	Dimensions				Pressure
	D.N.	Hose	Diam		D	D1	B	A	
		Inch	mm		Inch	mm	mm	mm	
HF90P0808I	-8	1/2"	12.8		1/2"	31.7	44,0	43,5	
HF90P0812I	-8	1/2"	12.8		3/4"	41.3	51,0	43,5	
HF90P1008I	-10	5/8"	16		1/2"	31.7	50,0	55,5	
HF90P1012I	-10	5/8"	16		3/4"	41.3	59,0	56,5	
HF90P1212I	-12	3/4"	19		3/4"	41.3	62,0	62,5	
HF90P1216I	-12	3/4"	19		1"	47.6	67,0	62,5	
HF90P1612I	-16	1"	25.4		3/4"	41.3	63,5	82,5	
HF90P1616I	-16	1"	25.4		1"	47.6	68,5	82,5	
HF90P1620I	-16	1"	25.4		1.1/4"	54	72,5	82,5	
HF90P2020I	-20	1.1/4"	31.8		1.1/4"	54	92,0	96,7	
HF90P2024I	-20	1.1/4"	31.8		1.1/2"	63.5	96,0	96,7	

FLANGE CODE 62 - 6000 PSI - 45° ELBOW

FLANGIA A 45° SAE J518 6000 PSI INTERA
BRIDE 45° 6000 PSI (PIÈCE ENTIER)
45° FLANSCHANSCHLUSS 6000 PSI – EINTEILIG
BRIDA A 45° 6000 PSI (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
Sans O-Ring / Ohne O-Ring/ Sin O-Ring

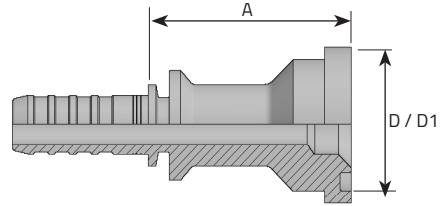


Code	Tube		Thread	Dimensions				Pressure
	D.N.	Hose		Diam	D	D1	B	
	Inch		mm	Inch	mm	mm	mm	
HF45P0808I	-8	1/2"	12.8	1/2"	31.7	23,0	68,5	
HF45P0812I	-8	1/2"	12.8	3/4"	41.3	28,0	73,5	
HF45P1008I	-10	5/8"	16	1/2"	31.7	26,0	66,5	
HF45P1012I	-10	5/8"	16	3/4"	41.3	30,0	73,5	
HF45P1212I	-12	3/4"	19	3/4"	41.3	32,0	75,5	
HF45P1216I	-12	3/4"	19	1"	47.6	35,0	79,5	
HF45P1612I	-16	1"	25.4	3/4"	41.3	34,6	91,1	
HF45P1616I	-16	1"	25.4	1"	47.6	31,6	94,1	
HF45P1620I	-16	1"	25.4	1.1/4"	54	35,6	99,1	
HF45P2020I	-20	1.1/4"	31.8	1.1/4"	54	42,3	111,0	
HF45P2024I	-20	1.1/4"	31.8	1.1/2"	63.5	43,3	114,0	

SUPERCAT FLANGE

FLANGIA DIRITTA SUPERCAT INTERA
 EMBOUT À BRIDE SUPERCAT DROITE (PIÈCE ENTIER)
 FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA RECTA SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compreso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

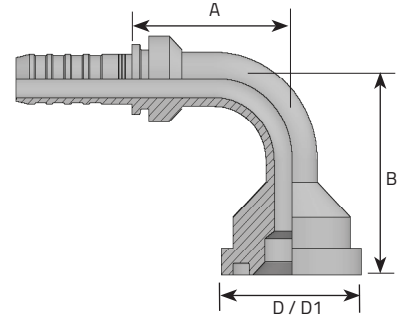


Code	Tube			Thread	Dimensions			Pressure
	D.N.	Hose	Diam		D	D1	A	
	Inch		mm		Inch	mm	mm	
HFDS1212I	-12	3/4"	19		3/4"	41.3	71.9	
HFDS1216I	-12	3/4"	19		1"	47.6	79.8	
HFDS1616I	-16	1"	25.4		1"	47.6	86.8	
HFDS1620I	-16	1"	25.4		1.1/4"	54	91.3	
HFDS2020I	-20	1.1/4"	31.8		1.1/4"	54	91.7	
HFDS2024I	-20	1.1/4"	31.8		1.1/2"	63.5	100.5	

SUPERCAT FLANGE - 90° ELBOW

FLANGIA 90° SUPERCAT INTERA
 BRIDE 90° SUPERCAT (PIÈCE ENTIER)
 90° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA 90° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

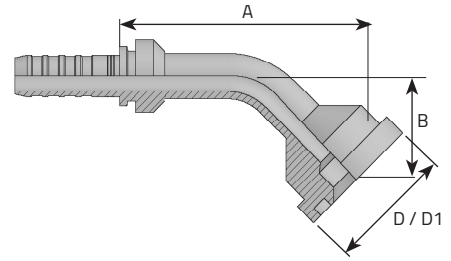


Code	Tube		Thread	Dimensions				Pressure
	D.N.	Hose		Diam	D	D1	B	
		Inch	mm	Inch	mm	mm	mm	
HF90S1212I	-12	3/4"	19	3/4"	41.3	67,0	62,5	
HF90S1216I	-12	3/4"	19	1"	47.6	73,0	62,5	
HF90S1616I	-16	1"	25.4	1"	47.6	74,5	82,5	
HF90S1620I	-16	1"	25.4	1.1/4"	54	80,0	82,5	
HF90S2020I	-20	1.1/4"	31.8	1.1/4"	54	96,0	96,7	
HF90S2024I	-20	1.1/4"	31.8	1.1/2"	63.5	98,0	96,7	

SUPERCAT FLANGE - 45° ELBOW

FLANGIA 45° SUPERCAT INTERA
 BRIDE 45° SUPERCAT (PIÈCE ENTIER)
 45° FLANSCHANSCHLUSS SUPERCAT EINTEILIG
 BRIDA 45° SUPERCAT (PIEZA UNICA)

Do Not Include O-Ring / O-Ring Non Compresso /
 Sans O-Ring / Ohne O-Ring/ Sin O-Ring

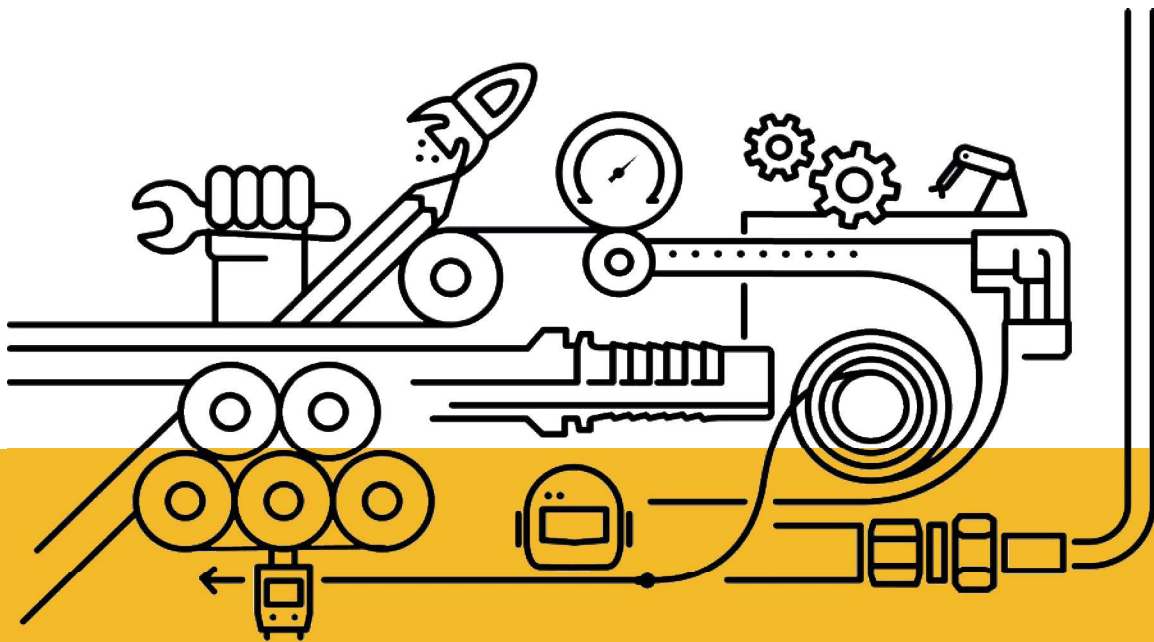


Code	Tube			Thread	Dimensions				Pressure
	D.N.	Hose	Diam		D	D1	B	A	
	Inch		mm		Inch	mm	mm	mm	
HF45S1212I	-12	3/4"	19		3/4"	41.3	39,0	79,5	
HF45S1216I	-12	3/4"	19		1"	47.6	43,0	83,5	
HF45S1616I	-16	1"	25.4		1"	47.6	39,6	99,1	
HF45S1620I	-16	1"	25.4		1.1/4"	54	42,6	102,1	
HF45S2020I	-20	1.1/4"	31.8		1.1/4"	54	49,3	114,0	
HF45S2024I	-20	1.1/4"	31.8		1.1/2"	63.5	50,3	115,0	



Vitillo

Hydraulic Components



Symbols



LOW TEMPERATURES



HIGH TEMPERATURES



REDUCED BENDING RADIUS



OZONE RESISTANCE

S.F. 4:1 SAFETY FACTOR



EVERGREEN VERSION

MSHA approved



FOREVER VERSION



HIGH PRESSURE



ABRASION RESISTANCE



INNER DIAMETER



OUTER DIAMETER



WORKING PRESSURE



BURST PRESSURE



BENDING RADIUS



WEIGHT



VACUUM




		Key performance and applications	Features	Alternative versions	
ISOBARIC	Pg 22	Alpi 3300	universal high pressure solution (braided)		
	Pg 23	Alpi 4000 <small>MSHA</small>			
	Pg 24	Everest 3000	universal high pressure solution (spiral)		
	Pg 25	Everest 4000			
	Pg 26	Everest 5000			
Pg 27	Everest 6000 <small>MSHA</small>				
STANDARD BRAIDED	Pg 30	Agri 1SN	standard hydraulic application agricultural sector		
	Pg 31	Agri 2SN			
	Pg 32	Agri 1SC			
	Pg 33	Agri 2SC			
	Pg 34	Tekno 1SN	general hydraulic application		
	Pg 35	Tekno 2SN <small>MSHA</small>			
	Pg 36	Tekno 1ST	standard purpose hose		
	Pg 37	Tekno 2ST <small>MSHA</small>			
	Pg 38	Tekno 1SC	light and compact structure		
	Pg 39	Tekno 2SC <small>MSHA</small>			
Pg 40	Tekno R5	low-medium pressure hydraulic lines, general purpose applications			

		Key performance and applications	Features	Alternative versions
Pg 42	Premier	lifting and material handing machines such as fork lift trucks, aerial lifts, cranes MSHA		
Pg 43	Magnum	mining equipment, underground and open pit mines, high pressure and heavy duty hydraulic line MSHA		
Pg 44	Tekno 1SC PLUS	medium-high pressure hydraulic lines with instal- lation constraints, return lines and suction lines MSHA		 MSHA
Pg 45	Tekno 2SC PLUS			
Pg 46	Forthree	very high pressure hydraulic lines with reduced bend radius		
Pg 47	Teknomaster	very high pressure hydraulic lines with reduced bend radius hydraulic platforms, hydraulic jack		
Pg 48	Stronger 1	very high pressure hose with extreme flexibility		
Pg 49	Slim	superior lightness and flexibility for pilot lines		
Pg 50	Teknojack	extreme static pressure lines, jacking system	S.F. 2:1	
Pg 51	Lift-Plus	elevator-lifts	S.F. 9:1	
Pg 52	Servocomando	medium-high pressure for pilot lines		

SPECIAL BRAIDED

		Key performance and applications	Features
Pg 53	Iceberg 1	extremely low temperature refrigerator cells, cold climate forestry, construction equipment	
Pg 54	Iceberg 2		
Pg 55	Iceberg 3 *		
		MSHA	
Pg 56	Dolomiti 1SN	medium pressure hydraulic lines and return lines Engine compartments Fuel / oil cooler lines Thermal fluid heat transfer systems	
Pg 57	Dolomiti 2SN		
Pg 58	Dolomiti 1SC *		
Pg 59	Dolomiti 2SC *		
Pg 60	Vulcan 1	air compressed systems up to 135°C	
Pg 61	Vulcan 2		
Pg 62	VulcanOil 1	compressors, oil line, high temperatures	
Pg 63	VulcanOil 2		
Pg 64	VulcanAir	air compressed system up to 175°C, high compatibility with many oils for compressors	

		Key performance and applications	Features	Alternative versions	
STANDARD SPIRAL	Pg 68	Teknospir 4SP			
	Pg 69	Teknospir 4SH	universal high pressure solution	 	
	Pg 70	Teknospir R12			
	Pg 61	Teknospir R13			
	Pg 72	Teknospir R15			
	MSHA				
SPECIAL SPIRAL	Pg 76	Iceberg 4SP	extremely low temperature refrigerator cells, forestry, construction equipment		
	Pg 77	Iceberg 4SH			
	Pg 78	Iceberg 12			
	Pg 79	Iceberg 13			
	Pg 80	Iceberg 15			
	MSHA				
CLEANER HOSES	Pg 84	Teknojet 1SN 250	professional water jet cleaners		
	Pg 85	Teknojet 2SN 400			
	Pg 86	Teknojet 1SN Plus-315 *			S.F. 3:1*
	Pg 87	Teknojet 2SN Plus-600 *			
	Pg 88	Teknojet 1SC 250			
	Pg 89	Teknojet 2SC 400			
	Pg 90	Teknojet 1ST 250			
Pg 91	Teknojet 2ST 400				
CLEANER HOSES	Pg 92	TeknoBlast	scale removing application with very high pressure water		
	Pg 93	TeknoBlast PLUS			S.F. 2.5:1
	Pg 94	TeknoBlast SUPERB			
	MSHA				
CLEANER HOSES	Pg 95	Sewer Cleaning	Sewer jetting water cleaning, Flushing drains		
			S.F. 2.5:1		

		Key performance and applications	Features	Alternative versions
TEXTILE HOSE	Pg 98	Tekno 1TE/R6		
	Pg 99	Tekno 2TE	low and medium pressure solutions, return lines	
	Pg 100	Tekno 3TE		
	Pg 101	Tekno R3		
	Pg 102	Tekno R4	finds various uses, in particular for suction and delivery of hydraulic fluids, mineral oils and fuels.	
	Pg 103	Saugflex x Plus G		
	Pg 104	Saugflex		
	Pg 105	Clean Farm	washing and cleaning with hot water of floors plants for food production, canneries, dairies, etc.	
THERMOPLASTIC HOSE	Pg 108	Tekno R7	Designed for medium pressure hydraulic use	S.F. 4:1
	Pg 109	Tekno R7 n.c.		non conductive
	Pg 110	Tekno R8		
	Pg 111	Tekno R8 n.c.		non conductive
	Pg 112	Tekno MTH1	hydraulic use at high pressure	S.F. 4:1
	Pg 113	Tekno MTH2		
	Pg 114	Tekno MTKH		
PTFE HOSE	Pg 118	Tekno FHL	Steam, gas, fluid and aggressive chemicals for high temperatures and pressure	
	Pg 119	Tekno FHM		
	Pg 120	Tekno FHM DC		

Optional coverage



A full line of hoses which increases resistance to extreme environmental conditions and to severe abrasion exposure for high demanding hydraulic applications

EVERGREEN



MSHA

FOREVER



Features

	EVERGREEN	FOREVER
Very high abrasion resistance	●	●
Very high ozone resistance	●	●
Very high weather resistance	●	●
UV rays resistance	●	●
Higher temperature resistance	●	

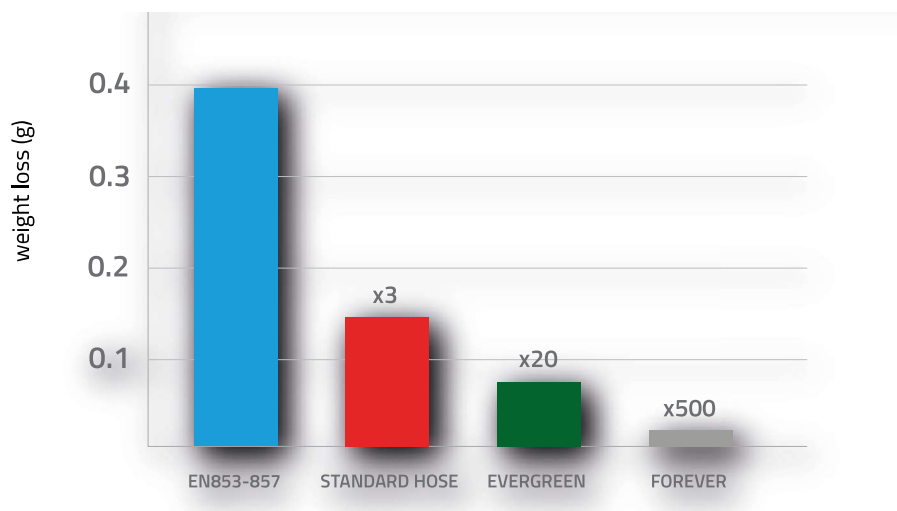
Type approvals

MSHA	●
RINA (MED)	●
TEST	●

Main application

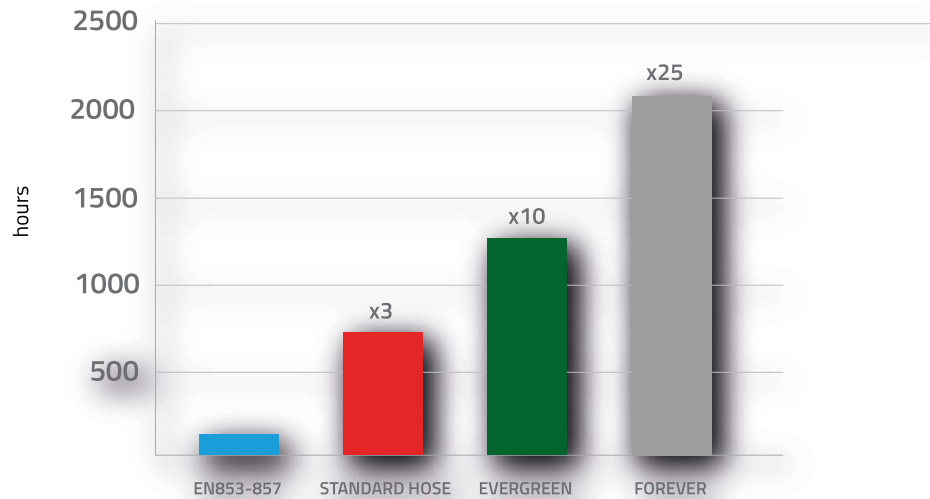
- Specific installation with severe abrasion conditions
- Heavy duty environmental conditions
- Underground and open pit mining
- Earth-moving machine

Abrasion Resistance Test



When tested in accordance with EN853-857, the EVERGREEN rubber cover shows abrasion resistance up to 20 times better results, while FOREVER coverage reaches up to 500 times.

Ozone Resistance Test



When tested in accordance with ISO 7326, the EVERGREEN rubber cover shows OZONE resistance up to 10 times better results, while FOREVER coverage reaches up to 25 times.





Isobaric Hoses



ALPI 3300

EXC. SAE 100 R17 - EXC. ISO 11237 R17

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES WITH INSTALLATION CONSTRAINTS

RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI CON DIFFICOLTA' DI INSTALLAZIONE

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THAP303	5	3/16"	4,8	0,43	10,8	3260	225	13000	900	1,378	35	0,09	0,14
THAP304	6	1/4"	6,4	0,47	12,0	3260	225	13000	900	1,575	40	0,11	0,17
THAP305	8	5/16"	7,9	0,54	13,6	3260	225	13000	900	1,772	45	0,14	0,21
THAP306	10	3/8"	9,5	0,61	15,6	3260	225	13000	900	2,165	55	0,19	0,29
THAP308	12	1/2"	12,8	0,76	19,4	3260	225	13000	900	2,756	70	0,28	0,41
THAP310	16	5/8"	16,0	0,94	24,0	3260	225	13000	900	3,149	80	0,42	0,63
THAP312	19	3/4"	19,0	1,08	27,5	3260	225	13000	900	3,937	100	0,54	0,80
THAP316	25	1"	25,4	1,38	35,2	3260	225	13000	900	4,527	115	0,84	1,25

	Alpi 3300 3/8"	(9,5mm)	Flame Resistant MSHA IC-247	EXC. SAE 100 R17 EXC. ISO 11237 R17	225 Bar 22,5 MPa	3260 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid (DN5-12)
2 high tensile steel braids (DN16-25)

COVER:
special synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico (DN5-12)
2 trecce di acciaio ad lato carico (DN16-25)

COPERTURA:
gomma sintetica speciale

TYPE APPROVAL:

MSHA

ALPI 4000

EXC. SAE 100 R19 - EXC. ISO 11237 R19

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES WITH INSTALLATION CONSTRAINTS

RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI CON DIFFICOLTA' DI INSTALLAZIONE

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THAP404	6	1/4"	6,4	0,48	12,2	4061	280	16240	1120	1,574	40	0,13	0,19
THAP405	8	5/16"	7,9	0,59	15,0	4061	280	16240	1120	1,968	50	0,17	0,26
THAP406	10	3/8"	9,5	0,67	17,0	4061	280	16240	1120	2,165	55	0,22	0,33
THAP408	12	1/2"	12,8	0,80	20,4	4061	280	16240	1120	2,952	75	0,34	0,50
THAP410	16	5/8"	16,0	0,93	23,7	4061	280	16240	1120	3,149	80	0,43	0,64
THAP412	19	3/4"	19,0	1,08	27,5	4061	280	16240	1120	3,937	100	0,54	0,81
THAP416	25	1"	25,4	1,40	35,6	4061	280	16240	1120	4,527	115	0,90	1,34

Alpi 4000 3/4" (19 mm) Flame Resistant MSHA IC-247 EXC. SAE 100 R19 280 Bar EXC. ISO 11237 R19 28,0 MPa **4000 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid (DN6)
2 high tensile steel braids (DN8-25)

COVER:
special synthetic cover

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico (DN6)
2 trecce di acciaio ad lato carico (DN 8-25)

COPERTURA:
gomma sintetica speciale

TYPE APPROVAL:

MSHA

a-2020 Eu

EVEREST 3000

ISO 18752

RECOMMENDED FOR:
DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS, VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING



RACCOMANDATO PER:
SVILUPPATO PER RESISTERE A CONDIZIONI MOLTO IMPEGNATIVE, PRESTAZIONI MOLTO ELEVATE IN PRESSIONE, IMPULSI E FLESSIONE

Features



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSER320	31	1" 1/4	31,8	1,83	46,50	3000	210	12000	840	9,06	230	1,95	2,90
TSER324	38	1" 1/2	38	2,05	52,00	3000	210	12000	840	16,55	420	2,28	3,40
TSER332	51	2"	50,8	2,60	66,00	3000	210	12000	840	22,06	560	2,69	4,00

	Everest 3000 1"1/4"	(31,8mm)	ISO 18752 Flame Resistant MSHA IC-247	210 Bar 21,0 MPa	3000 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+121°C
(-40°F / +250°F) with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
special synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+121°C
(-40°F / +250°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
gomma sintetica speciale

TYPE APPROVAL:

MSHA

EVEREST 4000

ISO 18752

RECOMMENDED FOR:
DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS, VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING



RACCOMANDATO PER:
SVILUPPATO PER RESISTERE A CONDIZIONI MOLTO IMPEGNATIVE, PRESTAZIONI MOLTO ELEVATE IN PRESSIONE, IMPULSI E FLESSIONE

Features



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSER408	12	1/2"	12,8	0,90	23,00	4000	280	16000	1120	2,56	65	0,46	0,68
TSER410	16	5/8"	16,0	1,06	27,00	4000	280	16000	1120	3,94	100	0,61	0,91
TSER412	19	3/4"	19,0	1,18	30,10	4000	280	16000	1120	4,73	120	0,87	1,30
TSER416	25	1"	25,4	1,49	37,80	4000	280	16000	1120	5,91	150	1,34	2,00
TSER420	31	1 1/4"	31,8	1,81	46,00	4000	280	16000	1120	10,24	260	1,75	2,60
TSER424	38	1 1/2"	38,1	2,09	53,20	4000	280	16000	1120	16,55	420	2,22	3,30
TSER432	51	2"	50,8	2,66	67,50	4000	280	16000	1120	20,88	530	3,02	4,50

Everest 4000 3/4" (19 mm) ISO 18752 Flame Resistant MSHA IC-247 280 Bar 28,0 MPa **4000 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+121°C
(-40°F / +250°F) with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
special synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+121°C
(-40°F / +250°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
gomma sintetica speciale

TYPE APPROVAL:

MSHA

EVEREST 5000

ISO 18752

RECOMMENDED FOR:
DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS, VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING

RACCOMANDATO PER:
SVILUPPATO PER RESISTERE A CONDIZIONI MOLTO IMPEGNATIVE, PRESTAZIONI MOLTO ELEVATE IN PRESSIONE, IMPULSI E FLESSIONE



Features



Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSER508	12	1/2"	12,8	0,89	27,70	5000	350	20000	1400	4.73	120	0,54	0,80
TSER510	16	5/8"	16,0	1,03	26,20	5000	350	20000	1400	5.52	140	0,67	1,00
TSER512	19	3/4"	19,0	1,23	31,20	5000	350	20000	1400	5.91	150	1,01	1,50
TSER516	25	1"	25,4	1,50	38,10	5000	350	20000	1400	7.90	180	1,34	2,00
TSER520	31	1" 1/4	31,8	1,79	45,50	5000	350	20000	1400	11.03	280	1,81	2,70
TSER524	38	1" 1/2	38,1	2,17	55,00	5000	350	20000	1400	19.07	500	2,96	4,40
TSER532	51	2"	50,8	2,66	67,50	5000	350	20000	1400	21.67	550	4,37	6,50

Everest 5000
3/4" (19 mm)
 ISO 18752
 Flame Resistant MSHA IC-247
 350 Bar
 35,0 MPa
 5000 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+121°C
(-40°F / +250°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals or (DN12-31)
6 high tensile steel spirals (DN38 -51)

COVER:
special synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+121°C
(-40°F / +250°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico (DN12-31)
6 spirali di acciaio ad lato carico (DN38 - 51)

COPERTURA:
gomma sintetica speciale

TYPE APPROVAL:

MSHA

EVEREST 6000

ISO 18752

RECOMMENDED FOR:
DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS, VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING

RACCOMANDATO PER:
SVILUPPATO PER RESISTERE A CONDIZIONI MOLTO IMPEGNATIVE, PRESTAZIONI MOLTO ELEVATE IN PRESSIONE, IMPULSI E FLESSIONE



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSER604	6	1/4"	6,4	0,69	17,50	6000	420	24360	1680	2,36	60	0,38	0,56
TSER606	10	3/8"	9,5	0,79	20,00	6000	420	24360	1680	3,55	90	0,50	0,74
TSER608	12	1/2"	12,8	0,89	22,70	6000	420	24360	1680	4,73	120	0,58	0,87
TSER610	16	5/8"	16,0	1,05	26,60	6000	420	24360	1680	7,09	180	0,81	1,20
TSER612	19	3/4"	19,0	1,23	31,20	6000	420	24360	1680	8,27	210	1,01	1,50
TSER616	25	1"	25,4	1,52	38,60	6000	420	24360	1680	9,85	250	1,48	2,20
TSER620	31	1" 1/4	31,8	1,92	48,80	6000	420	24360	1680	17,53	445	2,55	3,80
TSER624	38	1" 1/2	38,1	2,24	57,00	6000	420	24360	1680	20,88	530	3,23	4,80
TSER632	51	2"	50,8	2,66	67,50	6000	420	24360	1680	25,61	650	4,37	6,50

Everest 6000 **3/4"** (19 mm) **ISO 18752** Flame Resistant MSHA IC-247 **420 Bar** 42,0 MPa **6000 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+120°C
(-40°F / +250°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals (DN12 -31)
6 high tensile steel spirals (DN 31 - 51)

COVER:
special synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+120°C
(-40°F / +248°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico (DN12 -31)
6 spirali di acciaio ad lato carico (DN 31 - 51)

COPERTURA:
gomma sintetica speciale

TYPE APPROVAL:

MSHA



Standard Braided Hoses



TEKNO AGR1 1SN

EN 853 1SN - SAE 100 R1AT - ISO 1436 1SN

RECOMMENDED FOR:
MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES - AGRICULTURAL SECTOR

RACCOMANDATO PER:
LINEE DI MEDIE PRESSIONI E LINEE DI RITORNO - SETTORE AGRICOLO



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03AGRI	5	3/16"	4,8	0,45	11,5	3620	250	14480	1000	3,54	90	0,12	0,18
TH1SN04AGRI	6	1/4"	6,4	0,52	13,1	3260	225	13040	900	3,94	100	0,14	0,21
TH1SN05AGRI	8	5/16"	7,9	0,58	14,7	3110	215	12440	860	4,53	115	0,17	0,26
TH1SN06AGRI	10	3/8"	9,5	0,67	17,1	2610	180	10440	720	5,12	130	0,21	0,31
TH1SN08AGRI	12	1/2"	12,8	0,80	20,2	2320	160	9280	640	7,09	180	0,28	0,41
TH1SN10AGRI	16	5/8"	16,0	0,92	23,4	1880	130	7520	520	7,87	200	0,32	0,47
TH1SN12AGRI	19	3/4"	19,0	1,08	27,4	1520	105	6080	420	9,45	240	0,40	0,60
TH1SN16AGRI	25	1"	25,4	1,39	35,3	1270	88	5080	352	11,81	300	0,59	0,88

	Tekno AGR1 1SN 3/8"	(9,5mm)	EN 853 SAE 100 R1AT	180 Bar 18 MPa	2610 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica

TEKNO AGRI 2SN

EN 853 2SN - SAE 100 R2AT - ISO 1436 2SN

RECOMMENDED FOR:
MEDIUM HIGH PRESSURE HYDRAULIC SYSTEM - AGRICULTURE
SECTOR

RACCOMANDATO PER:
LINEE DI MEDIO ALTE PRESSIONI NEL SETTORE AGRICOLO



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SN03AGRI	5	3/16"	4,8	0,52	13,1	6010	415	24040	1660	3,54	90	0,19	0,28
TH2SN04AGRI	6	1/4"	6,4	0,57	14,6	5800	400	23200	1600	3,94	100	0,22	0,33
TH2SN05AGRI	8	5/16"	7,9	0,64	16,3	5070	350	20280	1400	4,53	115	0,28	0,42
TH2SN06AGRI	10	3/8"	9,5	0,74	18,7	4780	330	19120	1320	5,12	130	0,34	0,50
TH2SN08AGRI	12	1/2"	12,8	0,86	21,8	3980	275	15920	1100	7,09	180	0,40	0,60
TH2SN10AGRI	16	5/8"	16,0	0,98	25,0	3620	250	14480	1000	7,87	200	0,48	0,71
TH2SN12AGRI	19	3/4"	19,0	1,14	29,0	3110	215	12440	860	9,45	240	0,60	0,90
TH2SN16AGRI	25	1"	25,4	1,45	36,9	2390	165	9560	660	11,81	300	0,90	1,34

	Tekno AGRI 2SN 3/8"	(9,5mm)	EN 853 SAE 100 R2AT	330 Bar 33 MPa	4780 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica

TEKNO AGR1 1SC

EN 857 1SC - ISO 11237

RECOMMENDED FOR:
MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES - AGRICULTURAL SECTOR



RACCOMANDATO PER:
LINEE DI MEDIE PRESSIONI E LINEE DI RITORNO - SETTORE AGRICOLO

Features:

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC03AGRI	5	3/16"	4,8										
TH1SC04AGRI	6	1/4"	6,4	0,48	12,2	3260	225	13040	900	2,950	75	0,11	0,17
TH1SC05AGRI	8	5/16"	7,9	0,53	13,5	3110	215	12440	860	3,344	85	0,15	0,22
TH1SC06AGRI	10	3/8"	9,5	0,61	15,6	2610	180	10440	720	3,541	90	0,17	0,26
TH1SC08AGRI	12	1/2"	12,8	0,75	19,1	2320	160	9280	640	5,114	130	0,24	0,36
TH1SC10AGRI	16	5/8"	16,0	0,88	22,4	1880	130	7520	520	5,901	150	0,30	0,45
TH1SC12AGRI	19	3/4"	19,0	1,02	26,0	1520	105	6080	420	7,081	180	0,36	0,53
TH1SC16AGRI	25	1"	25,4	1,31	33,4	1270	88	5080	352	9,048	230	0,52	0,77

	Tekno AGR1 1SC 3/8"	(9,5mm)	EN 857 ISO 11237	180 Bar 18 MPa	2610 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica

TEKNO AGRI 2SC

EN 857 2SC - SAE 100 R16 S - ISO 11237

RECOMMENDED FOR:
MEDIUM HIGH PRESSURE HYDRAULIC SYSTEM - AGRICULTURE
SECTOR



RACCOMANDATO PER:
LINEE DI MEDIO ALTE PRESSIONI NEL SETTORE AGRICOLO

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SC03AGRI	5	3/16"	4,8										
TH2SC04AGRI	6	1/4"	6,4	0,52	13,3	5800	400	23200	1600	2,950	75	0,18	0,27
TH2SC05AGRI	8	5/16"	7,9	0,59	14,9	5070	350	20280	1400	3,344	85	0,22	0,33
TH2SC06AGRI	10	3/8"	9,5	0,67	17,0	4780	330	19120	1320	3,541	90	0,27	0,40
TH2SC08AGRI	12	1/2"	12,8	0,80	20,4	4000	275	16000	1100	5,114	130	0,34	0,51
TH2SC10AGRI	16	5/8"	16,0	0,94	23,8	3620	250	14480	1000	6,693	170	0,44	0,66
TH2SC12AGRI	19	3/4"	19,0	1,08	27,5	3120	215	12480	860	7,874	200	0,54	0,81
TH2SC16AGRI	25	1"	25,4	1,39	35,3	2400	165	9600	660	9,842	250	0,81	1,20

	Tekno AGRI 2SC 3/8"	(9,5mm)	EN 857 SAE 100 R16	330 Bar 33 MPa	4780 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica

TEKNO 1SN

EN 853 1SN - SAE 100 R1AT - ISO 1436 1SN

RECOMMENDED FOR:
MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES

RACCOMANDATO PER:
LINEE DI MEDIE PRESSIONI E LINEE DI RITORNO



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03	5	3/16"	4,8	0,45	11,5	3620	250	14480	1000	3,54	90	0,11	0,17
TH1SN04	6	1/4"	6,4	0,52	13,1	3260	225	13040	900	3,94	100	0,14	0,21
TH1SN05	8	5/16"	7,9	0,58	14,7	3110	215	12440	860	4,53	115	0,17	0,26
TH1SN06	10	3/8"	9,5	0,67	17,1	2610	180	10440	720	5,12	130	0,22	0,32
TH1SN08	12	1/2"	12,8	0,80	20,2	2320	160	9280	640	7,09	180	0,27	0,40
TH1SN10	16	5/8"	16,0	0,92	23,4	1880	130	7520	520	7,87	200	0,32	0,48
TH1SN12	19	3/4"	19,0	1,08	27,4	1520	105	6080	420	9,45	240	0,40	0,60
TH1SN16	25	1"	25,4	1,39	35,3	1270	88	5080	352	11,81	300	0,62	0,92
TH1SN20	31	1" 1/4	31,8	1,69	42,9	910	63	3620	252	16,54	420	0,81	1,20
TH1SN24	38	1" 1/2	38,1	1,97	50,1	720	50	2880	200	19,69	500	0,98	1,46
TH1SN32	51	2"	50,8	2,50	63,4	580	40	2320	160	24,80	630	1,37	2,04

Tekno 1SN 3/8" (9,5mm) EN 853 SAE 100 R1AT 180 Bar 18 MPa **2610 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

TUBE:
oil resistant synthetic rubber

SOTTOSTRATO:
gomma sintetica resistente agli oli

REINFORCEMENT:
1 high tensile steel braid

RINFORZO:
1 treccia di acciaio ad alto carico

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant (MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:

MSHA

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNO 2SN

EN 853 2SN - SAE 100 R2AT - ISO 1436 2SN

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SN03	5	3/16"	4,8	0,52	13,1	6010	415	24040	1660	3,54	90	0,18	0,27
TH2SN04	6	1/4"	6,4	0,57	14,6	5800	400	23200	1600	3,94	100	0,23	0,34
TH2SN05	8	5/16"	7,9	0,64	16,3	5070	350	20280	1400	4,53	115	0,28	0,41
TH2SN06	10	3/8"	9,5	0,74	18,7	4780	330	19120	1320	5,12	130	0,35	0,52
TH2SN08	12	1/2"	12,8	0,86	21,9	3980	275	15920	1100	7,09	180	0,40	0,60
TH2SN10	16	5/8"	16,0	0,98	25,0	3620	250	14480	1000	7,87	200	0,50	0,74
TH2SN12	19	3/4"	19,0	1,15	29,2	3110	215	12440	860	9,45	240	0,62	0,93
TH2SN16	25	1"	25,4	1,46	37,1	2390	165	9560	660	11,81	300	0,87	1,30
TH2SN20	31	1" 1/4	31,8	1,84	46,7	1810	125	7240	500	16,54	420	1,28	1,90
TH2SN24	38	1" 1/2	38,1	2,12	53,8	1450	100	5800	400	19,69	500	1,51	2,25
TH2SN32	51	2"	50,8	2,62	66,5	1300	90	5220	360	24,80	630	1,90	2,82

Tekno 2SN 3/8" (9,5mm) **EN 853 SAE 100 R2AT** **330 Bar 33 MPa** **4780 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant (MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:



Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNO 1ST

EN 853 1ST - ISO 1436 1ST

RECOMMENDED FOR:
MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES

RACCOMANDATO PER:
LINEE DI MEDIE PRESSIONI E LINEE DI RITORNO



Alternative versions: Evergreen^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1ST03	5	3/16"	4,8	0,50	12,7	3620	250	14480	1000	3,54	90	0,17	0,25
TH1ST04	6	1/4"	6,4	0,63	15,9	3260	225	13040	900	3,94	100	0,20	0,30
TH1ST05	8	5/16"	7,9	0,69	17,5	3110	215	12440	860	4,53	115	0,26	0,38
TH1ST06	10	3/8"	9,5	0,78	19,8	2610	180	10440	720	5,12	130	0,29	0,43
TH1ST08	12	1/2"	12,8	0,91	23,0	2320	160	9280	640	7,09	180	0,37	0,55
TH1ST10	16	5/8"	16,0	1,03	26,2	1880	130	7520	520	7,87	200	0,43	0,64
TH1ST12	19	3/4"	19,0	1,19	30,2	1520	105	6080	420	9,45	240	0,52	0,77
TH1ST16	25	1"	25,4	1,50	38,1	1270	88	5080	352	11,81	300	0,79	1,18
TH1ST20	31	1" 1/4	31,8	1,81	46,0	910	63	3640	252	16,54	420	1,03	1,53
TH1ST24	38	1" 1/2	38,1	2,06	52,4	720	50	2880	200	19,69	500	1,14	1,69
TH1ST32	51	2"	50,8	2,63	66,7	580	40	2320	160	24,80	630	1,68	2,50

Tekno 1ST 3/8" (9,5mm) **EN 853 ISO 1436** **180 Bar 18 MPa** **2610 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant (MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:

MSHA

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNO 2ST

EN 853 2ST - ISO 1436 2ST

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2ST03	5	3/16"	4,8	0,63	15,9	6010	415	24040	1660	3,54	90	0,25	0,37
TH2ST04	6	1/4"	6,4	0,69	17,5	5800	400	23200	1600	3,94	100	0,29	0,43
TH2ST05	8	5/16"	7,9	0,75	19,1	5070	350	20280	1400	4,53	115	0,36	0,53
TH2ST06	10	3/8"	9,5	0,84	21,4	4780	330	19120	1320	5,12	130	0,42	0,62
TH2ST08	12	1/2"	12,8	0,97	24,6	3980	275	15920	1100	7,09	180	0,49	0,73
TH2ST10	16	5/8"	16,0	1,09	27,8	3620	250	14480	1000	7,87	200	0,60	0,90
TH2ST12	19	3/4"	19,0	1,25	31,8	3110	215	12440	860	9,45	240	0,77	1,15
TH2ST16	25	1"	25,4	1,56	39,7	2390	165	9560	660	11,81	300	1,04	1,55
TH2ST20	31	1" 1/4	31,8	2,00	50,8	1810	125	7240	500	16,54	420	1,51	2,25
TH2ST24	38	1" 1/2	38,1	2,25	57,2	1450	100	5800	400	19,69	500	1,88	2,80
TH2ST32	51	2"	50,8	2,75	69,8	1300	90	5220	360	24,80	630	2,36	3,51

Tekno 2ST 3/8" (9,5mm) **EN 853 ISO 1436** **330 Bar 33 MPa** **4780 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant (MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:

MSHA

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNO 1SC

EN 857 1SC - ISO 11237

RECOMMENDED FOR:
LOW - MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES WITH
INSTALLATION CONSTRAINTS PILOT LINES AND RETURN LINES

RACCOMANDATO PER:
LINEE A MEDIO - BASSA PRESSIONE CON DIFFICOLTA'
DI INSTALLAZIONE, LINEE PILOTAGGIO E LINEE DI RITORNO



Features:

Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC04	6	1/4"	6,4	0,48	12,2	3260	225	13040	900	2,950	75	0,11	0,17
TH1SC05	8	5/16"	7,9	0,53	13,5	3110	215	12440	860	3,344	85	0,15	0,22
TH1SC06	10	3/8"	9,5	0,61	15,6	2610	180	10440	720	3,541	90	0,17	0,26
TH1SC08	12	1/2"	12,8	0,75	19,1	2320	160	9280	640	5,114	130	0,24	0,36
TH1SC10	16	5/8"	16,0	0,88	22,4	1880	130	7520	520	5,901	150	0,30	0,45
TH1SC12	19	3/4"	19,0	1,02	26,0	1520	105	6080	420	7,081	180	0,36	0,53
TH1SC16	25	1"	25,4	1,31	33,4	1270	88	5080	352	9,048	230	0,52	0,77
TH1SC20	31	1" 1/4	31,8	1,61	40,9	910	63	3640	252	9,830	250	0,67	0,99
TH1SC24	38	1" 1/2	38,1	1,87	47,5	720	50	2880	200	11,81	300	0,84	1,25
TH1SC32	51	2"	50,8	2,38	60,5	580	40	2320	160	15,74	400	1,08	1,60

Tekno 1SC 3/8" (9,5mm) **EN 857 ISO 11237** **180 Bar 18 MPa** **2610 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant (MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:

MSHA

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNO 2SC

EN 857 2SC - SAE100 R16 S - ISO11237

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES WITH INSTALLATION CONSTRAINTS RETURN LINES AND SUCTION LINES



RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI CON DIFFICOLTA' DI
INSTALLAZIONE LINEE DI ASPIRAZIONE E RITORNO

Features:



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SC04	6	1/4"	6,4	0,52	13,3	5800	400	23200	1600	2,950	75	0,18	0,27
TH2SC05	8	5/16"	7,9	0,59	14,9	5070	350	20280	1400	3,344	85	0,22	0,33
TH2SC06	10	3/8"	9,5	0,67	17,0	4780	330	19120	1320	3,541	90	0,27	0,40
TH2SC08	12	1/2"	12,8	0,80	20,4	4000	275	16000	1100	5,114	130	0,34	0,51
TH2SC10	16	5/8"	16,0	0,94	23,8	3620	250	14480	1000	6,693	170	0,44	0,66
TH2SC12	19	3/4"	19,0	1,08	27,5	3120	215	12480	860	7,874	200	0,54	0,81
TH2SC16	25	1"	25,4	1,39	35,3	2400	165	9600	660	9,842	250	0,81	1,20
TH2SC20	31	1" 1/4	31,8	1,70	43,1	1820	125	7280	500	11,02	280	1,04	1,55
TH2SC24	38	1" 1/2	38,1	1,96	49,8	1450	100	5800	400	12,99	330	1,16	1,72
TH2SC32	51	2"	50,8	2,50	63,4	1300	90	5220	360	17,72	450	1,62	2,41

Tekno 2SC 3/8" (9,5mm) **EN 857 SAE 100 R16** **330 Bar 33 MPa** **4780 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant (MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:

MSHA

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNO R5


SAE 100 R5

RECOMMENDED FOR:
LOW-MEDIUM PRESSURE HYDRAULIC SYSTEM IN INDUSTRY AND AGRICULTURE

RACCOMANDATO PER:
LINEE DI PRESSIONI MEDIO-BASSE IN INDUSTRIA E AGRICOLTURA



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THR503	5	3/16"	4,8	0,51	12,9	3000	207	12000	830	2,95	75	0,17	0,25
THR504	6	1/4"	6,4	0,57	14,5	3000	207	12000	830	3,34	85	0,19	0,29
THR505	8	5/16"	7,9	0,66	16,8	2250	155	9000	620	3,93	100	0,25	0,37
THR508	12	1/2"	12,8	0,90	22,9	1750	121	7000	484	5,51	140	0,40	0,59
THR510	16	5/8"	16	1,07	27,1	1500	103	6000	412	6,49	165	0,49	0,73

	Tekno R5	5/16"	(7,9mm)	SAE 100 R5	155 Bar 15,5MPa	2250 Psi
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MARKING/MARCATURA: TI INK JET

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel wire braid

COVER:
1 fiber braided cover

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia metallica ad alto carico

COPERTURA:
1 treccia tessile



Special Braided Hoses



PREMIER

EXC. EN 857 2SC - EXC. ISO 11237

RECOMMENDED FOR:
HIGH PRESSURE SYSTEMS AND REDUCED BENDING RADIUS

RACCOMANDATO PER:
SISTEMI AD ALTA PRESSIONE E RAGGI DI CURVATURA RIDOTTI



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SC04PRE	6	1/4"	6,4	0,52	13,3	6500	450	26100	1800	1,77	45	0,19	0,29
TH2SC05PRE	8	5/16"	7,9	0,58	14,7	6100	425	24650	1700	2,17	55	0,22	0,32
TH2SC06PRE	10	3/8"	9,5	0,67	17	5600	390	22600	1560	2,56	65	0,28	0,42
TH2SC08PRE	12	1/2"	12,8	0,80	20,4	5100	350	20300	1400	3,15	80	0,38	0,56
TH2SC10PRE	16	5/8"	16	0,96	24,5	5100	350	20300	1400	3,54	90	0,50	0,74
TH2SC12PRE	19	3/4"	19	1,08	27,5	4300	300	17400	1200	4,72	120	0,56	0,84
TH2SC16PRE	25	1"	25,4	1,39	35,3	3335	230	13300	920	6,30	160	0,85	1,27

	PREMIER	3/8"	(9,5mm)	EXC EN 857 2SC - EXC. ISO 11237 Flame Resistant MSHA IC-247	390 Bar 39 MPa	5600 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+120°C
(-40°F to +248°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 40°C/+120°C
(-40°F / +248°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

TYPE APPROVAL:

MSHA

MAGNUM

RECOMMENDED FOR:
MINING EQUIPMENT, UNDERGROUND AND OPEN PIT MINES, HIGH PRESSURE
AND HEAVY DUTY HYDRAULIC LINES



RACCOMANDATO PER:
ATTREZZATURE PER MINIERA, MINIERE SOTTERANEE E APERTE,
LINEE IDRAULICHE AD ALTA PRESSIONE

Features:



Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2ST04M	6	1/4"	6,4	0,69	17,5	5800	400	23200	1600	3,934	100	0,28	0,42
TH2ST06M	10	3/8"	9,5	0,84	21,4	5000	345	20010	1380	5,114	130	0,41	0,61
TH2ST08M	12	1/2"	12,8	0,97	24,6	4280	295	17110	1180	5,901	150	0,50	0,74
TH2ST12M	19	3/4"	19	1,25	31,8	4060	280	16240	1120	9,048	230	0,79	1,18
TH2ST16M	25	1"	25,4	1,51	38,3	4060	280	16240	1120	11,802	300	1,03	1,54

MAGNUM 3/8" (9,5mm) Flame Resistant MSHA IC-247 345 Bar 34,5 MPa **5000 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE: - 40°C/+120°C (-40°F to +248°F)	TUBE: oil resistant synthetic rubber	REINFORCEMENT: 2 high tensile steel braids	COVER: synthetic rubber with extremely abrasion resistance
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TEMPERATURA DI ESERCIZIO: - 40°C/+120°C (-40°F / +248°F)	SOTTOSTRATO: gomma sintetica resistente agli oli	RINFORZO: 2 trecce di acciaio ad alto carico	COPERTURA: gomma sintetica con estrema resistenza all'abrasione
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TYPE APPROVAL:
MSHA

TEKNO 1SC PLUS

EXCEED EN 857 1SC - EXCEED ISO 11237

RECOMMENDED FOR:
LOW - MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES WITH
INSTALLATION CONSTRAINTS PILOT LINES AND RETURN LINES

RACCOMANDATO PER:
LINEE A MEDIO - BASSA PRESSIONE CON DIFFICOLTA' DI
INSTALLAZIONE, LINEE PILOTAGGIO E LINEE DI RITORNO



Features:



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC04P	6	1/4"	6,4	0,48	12,2	4200	290	16800	1160	1,770	45	0,13	0,19
TH1SC05P	8	5/16"	7,9	0,53	13,5	3700	255	14800	1020	2,170	55	0,15	0,22
TH1SC06P	10	3/8"	9,5	0,61	15,6	3335	230	13400	920	2,360	60	0,19	0,28
TH1SC08P	12	1/2"	12,8	0,75	19,1	2900	200	11600	800	2,760	70	0,25	0,37
TH1SC10P	16	5/8"	16,0	0,88	22,4	2320	160	9300	640	3,540	90	0,30	0,44
TH1SC12P	19	3/4"	19,0	1,02	26,0	2175	150	8700	600	3,940	100	0,37	0,55
TH1SC16P	25	1"	25,4	1,31	33,4	1595	110	6400	440	6,300	160	0,52	0,77
TH1SC20P	31	1" 1/4	31,8	1,61	40,9	1450	100	5800	400	8,270	210	0,73	1,09

Tekno 1SC PLUS 3/8" (9,5mm) **EXC EN 857** **EXC ISO 11237** **230 Bar** **23 MPa** **3330 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE: - 40°C/+100°C (-40°F to +212°F) with peak of +125°C (257°F)	TUBE: oil resistant synthetic rubber	REINFORCEMENT: 1 high tensile steel braid	COVER: Standard: synthetic rubber Evergreen EV: High abrasion resistant (MSHA approved flame resistance) Forever FV: Very High abrasion resistant
TEMPERATURA DI ESERCIZIO: - 40°C/+100°C (-40°F / +212°F) con punte di +125°C (257°F)	SOTTOSTRATO: gomma sintetica resistente agli oli	RINFORZO: 1 treccia di acciaio ad alto carico	COPERTURA: Standard: gomma sintetica Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma) Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:



Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNO 2SC PLUS

EXCEED EN 857 2SC - EXCEED SAE100 R16 S - EXCEED ISO 11237

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES WITH INSTALLATION CONSTRAINTS RETURN LINES AND SUCTION LINES



RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI CON DIFFICOLTA' DI
INSTALLAZIONE LINEE DI ASPIRAZIONE E RITORNO

Features:



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SC04P	6	1/4"	6,4	0,52	13,3	6100	420	24400	1680	1,770	45	0,20	0,30
TH2SC05P	8	5/16"	7,9	0,59	14,9	5800	400	23200	1600	2,170	55	0,23	0,34
TH2SC06P	10	3/8"	9,5	0,67	17,0	5100	350	20400	1400	2,560	65	0,28	0,41
TH2SC08P	12	1/2"	12,8	0,80	20,4	4500	310	18000	1240	3,150	80	0,35	0,52
TH2SC10P	16	5/8"	16,0	0,94	23,8	4100	280	16400	1120	3,540	90	0,46	0,68
TH2SC12P	19	3/4"	19,0	1,08	27,5	3910	270	15660	1080	4,720	120	0,57	0,85
TH2SC16P	25	1"	25,4	1,39	35,3	3045	210	12180	840	6,300	160	0,79	1,18
TH2SC20P	31	1" 1/4	31,8	1,70	43,1	2465	170	9860	680	9,840	250	1,05	1,56

Tekno 2SC PLUS **3/8"** (9,5mm) **EXC EN 857** **EXC SAE 100 R16** **350 Bar** **35 MPa** **5100 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant (MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione (omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:



Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

FORTHREE

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES WITH REDUCED BEND RADIUS

RACCOMANDATO PER:
LINEE AD ALTISSIMA PRESSIONE CON RAGGI DI CURVATURA RIDOTTI



Features:  

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH3SN04	6	1/4"	6,4	0,64	16,2	7650	525	30600	2100	3,94	100	0,31	0,46
TH3SN06	10	3/8"	9,5	0,82	20,8	7250	500	29000	2000	4,72	120	0,50	0,75
TH3SN08	12	1/2"	12,8	0,94	23,9	6850	470	27400	1880	6,30	160	0,60	0,90
TH3SN10	16	5/8"	16	1,06	26,8	6000	410	24000	1640	8,66	220	0,71	1,06
TH3SN12	19	3/4"	19	1,24	31,3	5500	380	22000	1520	10,24	260	0,91	1,36
TH3SN16	25	1"	25,4	1,53	38,8	4800	330	19200	1320	12,20	310	1,28	1,90


FORTHREE 3/8" (9,5mm) **500 Bar 50 MPa 7250 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
3 high tensile steel braids

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
3 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica

TEKNOMASTER

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES WITH REDUCED BEND RADIUS

RACCOMANDATO PER:
LINEE AD ALTISSIMA PRESSIONE CON RAGGI DI CURVATURA RIDOTTI



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TM2SN04	6	1/4"	6,4	0,57	13,8	7100	490	28400	1960	2,95	75	0,23	0,34
TM2SN05	8	5/16"	7,9	0,63	16	6960	480	27840	1920	4,53	115	0,30	0,44
TM2SN06	10	3/8"	9,5	0,73	18,8	5800	400	23200	1600	4,92	125	0,34	0,51
TM2SN08	12	1/2"	12,8	0,87	22,6	5240	360	20960	1440	7,09	180	0,44	0,65
TM2SN10	16	5/8"	16	0,99	25,8	5150	350	20600	1400	7,87	200	0,53	0,79
TM2SN12	19	3/4"	19	1,15	29,7	4650	320	18600	1280	9,45	240	0,69	1,03
TM2SN16	25	1"	25,4	1,48	37,7	3650	250	14600	1000	11,81	300	0,97	1,45

	TEKNOMASTER 3/8"	(9,5mm)	400 Bar 40 MPa	5800 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica

STRONGER 1

EXCEED EN 857 1SC - EXCEED ISO 11237

RECOMMENDED FOR:
VERY HIGH PRESSURE HOSE WITH EXTREME FLEXIBILITY

RACCOMANDATO PER:
LINEE AD ALTISSIMA PRESSIONE CON ESTREMA FLESSIBILITA'



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03S1	5	3/16"	4,8	0,46	11,7	5070	350	20280	1400	1,73	44	0,13	0,20
TH1SN04S1	6	1/4"	6,4	0,52	13,2	5000	345	20000	1380	1,97	50	0,16	0,24
TH1SN05S1	8	5/16"	7,9	0,57	14,5	4350	295	17400	1180	2,24	57	0,18	0,27
TH1SN06S1	10	3/8"	9,5	0,65	16,6	4050	275	16200	1100	2,48	63	0,22	0,33
TH1SN08S1	12	1/2"	12,8	0,79	20,0	3500	240	14000	960	3,46	88	0,30	0,44
TH1SN10S1	16	5/8"	16	0,89	22,6	2750	190	11000	760	3,98	101	0,36	0,53
TH1SN12S1	19	3/4"	19	1,03	26,2	2250	155	9000	620	4,72	120	0,38	0,57
TH1SN16S1	25	1"	25,4	1,36	34,5	2030	140	8120	560	5,98	152	0,60	0,90
TH1SN20S1	31	1" 1/4	31,8	1,65	42,0	1670	115	6680	460	8,23	209	0,76	1,13

	STRONGER 1	3/8"	(9,5mm)	EXC. EN 857 1SC EXC. ISO 11237	275 Bar 27,5 MPa	4050 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica

SLIM

RECOMMENDED FOR:
PILOT LINES AND HYDRAULIC SYSTEM

RACCOMANDATO PER:
LINEE SERVOCOMANDO E SISTEMI IDRAULICI



Features



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03SL	5	3/16"	4,8	0,39	9,9	1810	125	7250	500	0,79	20	0,07	0,10
TH1SN04SL	6	1/4"	6,4	0,45	11,5	1810	125	7250	500	0,98	25	0,08	0,12
TH1SN05SL	8	5/16"	7,9	0,52	13,1	1810	125	7250	500	1,18	30	0,11	0,16
TH1SN06SL	10	3/8"	9,5	0,58	14,8	1810	125	7250	500	1,57	40	0,13	0,20
TH1SN08SL	12	1/2"	12,8	0,73	18,5	1810	125	7250	500	1,97	50	0,18	0,27
TH1SN10SL	16	5/8"	16	0,99	21,4	1810	125	7250	500	1,97	65	0,22	0,33
TH1SN12SL	19	3/4"	19	0,98	25,0	1810	125	7250	500	3,15	80	0,31	0,46
TH1SN16SL	25	1"	25,4	1,24	31,4	1810	125	7250	500	4,72	120	0,40	0,59

SLIM 3/8" (9,5mm) 125 Bar 12,5 MPa **1810 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica

TEKNOJACK

IJ100 HYDRAULIC JACK SPECIFIC

RECOMMENDED FOR:
EXTREME STATIC PRESSURE LINES / JACKING SYSTEMS

RACCOMANDATO PER:
LINEE DI PRESSIONE STATICA ESTREMA -SISTEMI DI SOLLEVAMENTO CON
MARTINETTO IDRAULICO



Features: R S.F. 2:1

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJK2SN04	6	1/4"	6,4	0,59	15,0	10500	725	21025	1450	3,94	100	0,22	0,32
TJK2SN06	10	3/8"	9,5	0,67	17,0	10500	725	21025	1450	4,92	125	0,26	0,39

	Tekno JACK	3/8"	(9,5mm)	S.F.: 2:1 IJ100	725 Bar 72,5 MPa	10500 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica

LIFT-PLUS

EN 81-20

RECOMMENDED FOR:
ELEVATORS-LIFTS AND HYDRAULIC SYSTEMS

RACCOMANDATO PER:
SISTEMI IDRAULICI ED ASCENSORI



Features

R S.F. 9:1

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC12LP	19	3/4"	19,0	1,02	26,0	725	50	6520	450	3,94	100	0,36	0,54
TH1SC16LP	25	1"	25,4	1,31	33,4	725	50	6520	450	6,30	160	0,55	0,82
TH1SC20LP	31	1" 1/4	31,8	1,61	40,9	725	50	6520	450	8,27	210	0,73	1,08
TH2SC24LP	38	1" 1/2	38,1	1,96	49,8	725	50	6520	450	11,81	300	1,18	1,75
TH2SC32LP	51	2"	50,8	2,50	63,4	650	45	5800	400	15,75	400	1,65	2,45

	LIFT-PLUS	3/4"	(19,0 mm)	S.F. 9:1 EN 81-20	50 Bar 5,0 MPa	725 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braids (DN19-31)
2 high tensile steel braids (DN38-51)

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico (DN19-31)
2 trecce di acciaio ad alto carico (DN38-51)

COPERTURA:
gomma sintetica

SERVOCOMANDO

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE FOR PILOT LINES

RACCOMANDATO PER:
PER LINEE PILOTA DI MEDIA-ALTA PRESSIONE



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC04SC	6	1/4"	6,4	0,49	12,4	3620	250	14480	1000	2,950	75	0,13	0,19
TH1SC05SC	8	5/16"	7,9	0,53	13,5	3620	250	14480	1000	3,350	87	0,15	0,22
TH1SC06SC	10	3/8"	9,5	0,61	15,6	3620	250	14480	1000	3,540	90	0,19	0,29
TH1SC08SC	12	1/2"	12,8	0,75	19,1	3620	250	14480	1000	5,120	130	0,25	0,37

SERVOCOMANDO 3/8" (9,5mm) 250 Bar 25 MPa **3620 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica

ICEBERG 1

EXCEED EN 853 1SN - EXCEED SAE 100 R1AT

RECOMMENDED FOR:
MEDIUM PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES

RACCOMANDATO PER:
LINEE DI MEDIA PRESSIONE A BASSISSIMA TEMPERATURA



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03ICE	5	3/16"	4,8	0,47	11,9	3620	250	14480	1000	3,54	90	0,12	0,18
TH1SN04ICE	6	1/4"	6,4	0,53	13,5	3260	225	13040	900	3,94	100	0,15	0,23
TH1SN05ICE	8	5/16"	7,9	0,59	15,1	3110	215	12440	860	4,53	115	0,18	0,27
TH1SN06ICE	10	3/8"	9,5	0,69	17,5	2610	180	10440	720	5,12	130	0,24	0,36
TH1SN08ICE	12	1/2"	12,8	0,81	20,6	2320	160	9280	640	7,09	180	0,29	0,43
TH1SN10ICE	16	5/8"	16	0,94	23,8	1880	130	7520	520	7,87	200	0,34	0,51
TH1SN12ICE	19	3/4"	19	1,10	27,9	1520	105	6080	420	9,45	240	0,42	0,62
TH1SN16ICE	25	1"	25,4	1,42	36,0	1270	88	5080	352	11,81	300	0,62	0,93
TH1SN20ICE	31	1" 1/4	31,8	1,71	43,4	910	63	3620	252	16,54	420	0,87	1,30
TH1SN24ICE	38	1" 1/2	38,1	1,97	50,1	720	50	2880	200	19,69	500	1,04	1,55
TH1SN32ICE	51	2"	50,8	2,50	63,5	580	40	2320	160	24,8	630	1,55	2,30

	ICEBERG 1	3/8"	(9,5mm)	EXC. EN 853 EXC. SAE 100 R1AT	- 55° C - 67° F	180 Bar 18,0 MPa	2610 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
-55°C/+100°C
(-67°F / +212°F)
with peaks of 125°C (257°F)

TEMPERATURA DI ESERCIZIO:
-55°C/+100°C
(-67°F / +212°F)
con punte di 125°C (257°F)

TYPE APPROVAL:

MSHA

a-2020 Eu

TUBE:
oil resistant synthetic rubber

SOTTOSTRATO:
gomma sintetica resistente agli oli

REINFORCEMENT:
1 high tensile steel braid

RINFORZO:
1 treccia di acciaio ad alto carico

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono e agli agenti atmosferici

ICEBERG 2

EXCEED EN 853 2SN - EXCEED SAE 100 R2AT

RECOMMENDED FOR:
MEDIUM- HIGH PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES

RACCOMANDATO PER:
LINEE DI PRESSIONE MEDIO ALTE A BASSISSIMA TEMPERATURA



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SN03ICE	5	3/16"	4,8	0,52	13,3	6010	415	24040	1660	3,54	90	0,19	0,28
TH2SN04ICE	6	1/4"	6,4	0,58	14,8	5800	400	23200	1600	3,94	100	0,23	0,34
TH2SN05ICE	8	5/16"	7,9	0,65	16,5	5070	350	20280	1400	4,53	115	0,30	0,44
TH2SN06ICE	10	3/8"	9,5	0,74	18,9	4780	330	19120	1320	5,12	130	0,35	0,52
TH2SN08ICE	12	1/2"	12,8	0,87	22,0	3980	275	15920	1100	7,09	180	0,41	0,61
TH2SN10ICE	16	5/8"	16	0,99	25,2	3620	250	14480	1000	7,87	200	0,50	0,75
TH2SN12ICE	19	3/4"	19	1,15	29,2	3110	215	12440	860	9,45	240	0,64	0,95
TH2SN16ICE	25	1"	25,4	1,46	37,1	2390	165	9560	660	11,81	300	0,90	1,34
TH2SN20ICE	31	1" 1/4	31,8	1,85	47,0	1810	125	7240	500	16,54	420	1,24	1,85
TH2SN24ICE	38	1" 1/2	38,1	2,11	53,5	1450	100	5800	400	19,69	500	1,51	2,25
TH2SN32ICE	51	2"	50,8	2,61	66,2	1305	90	5220	360	24,8	630	2,15	3,2

	ICEBERG 2	3/8"	(9,5mm)	EXC. EN 853 EXC. SAE 100 R2AT	- 55° C - 67° F	330 Bar 33,0 MPa	4780 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 55°C/+100°C
(-67°F / +212°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

TEMPERATURA DI ESERCIZIO:
- 55°C/+100°C
(-67°F / +212°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono e agli agenti atmosferici

TYPE APPROVAL:

MSHA

ICEBERG 3

RECOMMENDED FOR:
HIGH PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES

RACCOMANDATO PER:
LINEE DI ALTA PRESSIONE A BASSISSIMA TEMPERATURA



Features:

Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH3SN04ICE	6	1/4"	6,4	0,64	16,2	7650	525	30600	2100	3,94	100	0,32	0,48
TH3SN06ICE	10	3/8"	9,5	0,84	21,3	7250	500	29000	2000	4,72	120	0,54	0,80
TH3SN08ICE	12	1/2"	12,8	0,94	23,9	6850	470	27400	1880	6,30	160	0,61	0,91
TH3SN10ICE	16	5/8"	16	1,06	26,8	6000	410	24000	1640	8,66	220	0,70	1,04
TH3SN12ICE	19	3/4"	19	1,24	31,5	5500	380	22000	1520	10,24	260	0,94	1,40
TH3SN16ICE	25	1"	25,4	1,53	38,8	4800	330	19200	1320	12,20	310	1,28	1,90

ICEBERG 3 3/8" (9,5mm)
 - 55 °C
- 67 ° F
500 Bar
50,0 MPa
7250 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 55°C/+100°C
(-67°F / +212°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
3 high tensile steel braids

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

TEMPERATURA DI ESERCIZIO:
- 55°C/+100°C
(-67°F / +212°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
3 trecce di acciaio ad alto carico

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono e agli agenti atmosferici

TYPE APPROVAL:

MSHA

DOLOMITI 1SN

EN 853 1SN - SAE 100 R1AT - ISO 1436 1SN

RECOMMENDED FOR:
MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES

RACCOMANDATO PER:
LINEE DI MEDIE PRESSIONI E LINEE DI RITORNO



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03DOL	5	3/16"	4,8	0,45	11,5	3620	250	14480	1000	3,54	90	0,11	0,17
TH1SN04DOL	6	1/4"	6,4	0,52	13,1	3260	225	13040	900	3,94	100	0,14	0,21
TH1SN05DOL	8	5/16"	7,9	0,58	14,7	3110	215	12440	860	4,53	115	0,17	0,26
TH1SN06DOL	10	3/8"	9,5	0,67	17,1	2610	180	10440	720	5,12	130	0,22	0,32
TH1SN08DOL	12	1/2"	12,8	0,80	20,2	2320	160	9280	640	7,09	180	0,27	0,40
TH1SN10DOL	16	5/8"	16,0	0,92	23,4	1880	130	7520	520	7,87	200	0,32	0,48
TH1SN12DOL	19	3/4"	19,0	1,08	27,4	1520	105	6080	420	9,45	240	0,40	0,6
TH1SN16DOL	25	1"	25,4	1,39	35,3	1270	88	5080	352	11,81	300	0,62	0,92
TH1SN20DOL	31	1" 1/4	31,8	1,69	42,9	910	63	3620	252	16,54	420	0,81	1,20
TH1SN24DOL	38	1" 1/2	38,1	1,97	50,1	720	50	2880	200	19,69	500	0,98	1,46
TH1SN32DOL	51	2"	50,8	2,50	63,4	580	40	2320	160	24,80	630	1,37	2,04

	Dolomiti 1SN 3/8"	(9,5mm)	EN 853 SAE 100 R1AT	180 Bar 18 MPa	2610 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

TUBE:
oil resistant synthetic rubber

SOTTOSTRATO:
gomma sintetica resistente agli oli

REINFORCEMENT:
1 high tensile steel braid

RINFORZO:
1 treccia di acciaio ad alto carico

COVER:
synthetic rubber with high ozone resistance, weather and at high temperatures

COPERTURA:
gomma sintetica con elevata resistenza all'ozono, agli agenti atmosferici e alle alte temperature

DOLOMITI 2SN

EN 853 2SN - SAE 100 R2AT - ISO 1436 2SN

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SN03DOL	5	3/16"	4,8	0,52	13,1	6010	415	24040	1660	3,54	90	0,18	0,27
TH2SN04DOL	6	1/4"	6,4	0,57	14,6	5800	400	23200	1600	3,94	100	0,23	0,34
TH2SN05DOL	8	5/16"	7,9	0,64	16,3	5070	350	20280	1400	4,53	115	0,28	0,41
TH2SN06DOL	10	3/8"	9,5	0,74	18,7	4780	330	19120	1320	5,12	130	0,35	0,52
TH2SN08DOL	12	1/2"	12,8	0,86	21,8	3980	275	15920	1100	7,09	180	0,40	0,60
TH2SN10DOL	16	5/8"	16,0	0,98	25,0	3620	250	14480	1000	7,87	200	0,50	0,74
TH2SN12DOL	19	3/4"	19,0	1,14	29,0	3110	215	12440	860	9,45	240	0,62	0,93
TH2SN16DOL	25	1"	25,4	1,46	37,1	2390	165	9560	660	11,81	300	0,87	1,30
TH2SN20DOL	31	1" 1/4	31,8	1,84	46,7	1810	125	7240	500	16,54	420	1,28	1,90
TH2SN24DOL	38	1" 1/2	38,1	2,12	53,8	1450	100	5800	400	19,69	500	1,51	2,25
TH2SN32DOL	51	2"	50,8	2,62	66,5	1300	90	5220	360	24,80	630	1,90	2,82

	Dolomiti 2SN 3/8"	(9,5mm)	EN 853 SAE 100 R2AT	330 Bar 33 MPa	4780 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber with high ozone resistance, weather and at high temperatures

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica con elevata resistenza all'ozono, agli agenti atmosferici e alle alte temperature

DOLOMITI 1SC

EN 857 1SC - ISO 11237

RECOMMENDED FOR:
LOW - MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES WITH
INSTALLATION CONSTRAINTS PILOT LINES AND RETURN LINES

RACCOMANDATO PER:
LINEE A MEDIO - BASSA PRESSIONE CON DIFFICOLTA' DI INSTALLAZIONE, LINEE
PILOTAGGIO E LINEE DI RITORNO



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC04DOL	6	1/4"	6,4	0,48	12,0	3260	225	13040	900	2,950	75	0,12	0,18
TH1SC05DOL	8	5/16"	7,9	0,53	13,5	3110	215	12440	860	3,344	85	0,15	0,22
TH1SC06DOL	10	3/8"	9,5	0,61	15,6	2610	180	10440	720	3,541	90	0,17	0,26
TH1SC08DOL	12	1/2"	12,8	0,75	19,1	2320	160	9280	640	5,114	130	0,24	0,36
TH1SC10DOL	16	5/8"	16,0	0,88	22,4	1880	130	7520	520	5,901	150	0,30	0,45
TH1SC12DOL	19	3/4"	19,0	1,02	26,0	1520	105	6080	420	7,081	180	0,36	0,53
TH1SC16DOL	25	1"	25,4	1,31	33,4	1270	88	5080	352	9,048	230	0,52	0,77
TH1SC20DOL	31	1" 1/4	31,8	1,61	40,9	910	63	3640	252	13,179	335	0,67	0,99
TH1SC24DOL	38	1" 1/2	38,1	1,87	47,5	720	50	2880	200	15,73	400	0,84	1,25
TH1SC32DOL	51	2"	50,8	2,38	60,5	580	40	2320	160	19,670	500	1,08	1,60

	Dolomiti 1SC 3/8"	(9,5mm)	EN 857 ISO 11237	180 Bar 18 MPa	2610 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber with high ozone resistance,
weather and at high temperatures

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica con elevata resistenza
all'ozono, agli agenti atmosferici e alle alte
temperature

DOLOMITI 2SC

EN 857 2SC - SAE100 R16 S - ISO 11237

RECOMMENDED FOR:
MEDIUM-HIGH PRESSURE HYDRAULIC LINES WITH INSTALLATION
CONSTRAINTS RETURN LINES AND SUCTION LINES

RACCOMANDATO PER:
LINEE DI MEDIO-ALTE PRESSIONI CON DIFFICOLTA' DI INSTALLAZIONE LINEE DI
ASPIRAZIONE E RITORNO



Features:



Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SC04DOL	6	1/4"	6,4	0,52	13,3	5800	400	23200	1600	2,950	75	0,18	0,27
TH2SC05DOL	8	5/16"	7,9	0,59	14,9	5070	350	20280	1400	3,344	85	0,22	0,33
TH2SC06DOL	10	3/8"	9,5	0,67	17,0	4780	330	19120	1320	3,541	90	0,27	0,40
TH2SC08DOL	12	1/2"	12,8	0,80	20,4	4000	275	16000	1100	5,114	130	0,34	0,51
TH2SC10DOL	16	5/8"	16,0	0,94	23,8	3620	250	14480	1000	5,901	150	0,44	0,66
TH2SC12DOL	19	3/4"	19,0	1,08	27,5	3120	215	12480	860	7,081	180	0,54	0,81
TH2SC16DOL	25	1"	25,4	1,39	35,3	2400	165	9600	660	9,048	230	0,81	1,20
TH2SC20DOL	31	1" 1/4	31,8	1,70	43,1	1820	125	7280	500	13,17	335	1,04	1,55
TH2SC24DOL	38	1" 1/2	38,1	1,96	49,8	1450	100	5800	400	15,73	400	1,16	1,72
TH2SC32DOL	51	2"	50,8	2,50	63,4	1300	90	5200	360	19,67	500	1,62	2,41



Dolomiti 2SC 3/8"

(9,5mm)

EN 857
SAE 100 R16

330 Bar
33 MPa

4780 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING

TEMPERATURE RANGE:

- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TEMPERATURA

DI ESERCIZIO:

- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

TUBE:

oil resistant synthetic rubber

SOTTOSTRATO:

gomma sintetica resistente agli oli

REINFORCEMENT:

2 high tensile steel braids

RINFORZO:

2 trecce di acciaio ad alto carico

COVER:

synthetic rubber with high ozone resistance,
weather and at high temperatures

COPERTURA:

gomma sintetica con elevata resistenza
all'ozono, agli agenti atmosferici e alle alte
temperature

VULCAN 1

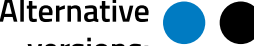
EXCEED EN 853 1SN - SAE 100 R1AT

RECOMMENDED FOR:
AIR COMPRESSED SYSTEMS UP TO 135°C

RACCOMANDATO PER:
COMPRESSORI - LINEE PER IL PASSAGGIO ARIA AD ELEVATE TEMPERATURE



Alternative versions:



other colors available: BLUE, BLACK
altri colori disponibili: BLU, NERO

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03V1	5	3/16"	4,8	0,47	11,9	3620	250	14480	1000	3,54	90	0,12	0,18
TH1SN04V1	6	1/4"	6,4	0,53	13,5	3260	225	13040	900	3,94	100	0,16	0,24
TH1SN05V1	8	5/16"	7,9	0,59	15,1	3110	215	12440	860	4,53	115	0,19	0,29
TH1SN06V1	10	3/8"	9,5	0,69	17,5	2610	180	10440	720	5,12	130	0,24	0,36
TH1SN08V1	12	1/2"	12,8	0,81	20,6	2320	160	9280	640	7,09	180	0,29	0,43
TH1SN10V1	16	5/8"	16	0,94	23,8	1880	130	7520	520	7,87	200	0,35	0,52
TH1SN12V1	19	3/4"	19	1,1	27,9	1520	105	6080	420	9,45	240	0,44	0,66
TH1SN16V1	25	1"	25,4	1,42	36	1270	88	5080	352	11,81	300	0,66	0,98
TH1SN20V1	31	1" 1/4	31,8	1,71	43,4	910	63	3620	252	16,54	420	0,87	1,30
TH1SN24V1	38	1" 1/2	38,1	1,97	50,1	720	50	2880	200	19,69	500	1,02	1,52
TH1SN32V1	51	2"	50,8	2,5	63,5	580	40	2320	160	24,8	630	1,48	2,2

	VULCAN 1	3/8"	(9,5mm)	EXC. EN 853 EXC. SAE 100 R1AT	+ 135° C + 275° F	180 Bar 18,0 MPa	2610 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 20°C/+135°C
(-4°F / +275°F)
with peaks of 150°C (302°F)

TUBE:
air resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber with high ozone, weather and heat resistance

TEMPERATURA DI ESERCIZIO:
- 20°C/+135°C
(-4°F / +275°F)
con punte di 150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente all'aria

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica ad alta resistenza all'ozono, agli agenti atmosferici e al calore

Note: COMPRESSED AIR APPLICATIONS REQUIRE A PIN PRICK COVER
LE APPLICAZIONI PER ARIA COMPRESSA RICHIEDONO COPERTURA FORATA

VULCAN 2

EXCEED EN 853 2SN - SAE 100 R2AT

RECOMMENDED FOR:
AIR COMPRESSED SYSTEMS UP TO 135°C

RACCOMANDATO PER:
COMPRESSORI - LINEE PER IL PASSAGGIO ARIA AD ELEVATE TEMPERATURE



Alternative versions:

other colors available: BLUE, BLACK
altri colori disponibili: BLU, NERO

Features:



Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SN03V2	5	3/16"	4,8	0,52	13,3	6010	415	24040	1660	3,54	90	0,19	0,28
TH2SN04V2	6	1/4"	6,4	0,59	15,1	5800	400	23200	1600	3,94	100	0,24	0,35
TH2SN05V2	8	5/16"	7,9	0,66	16,8	5070	350	20280	1400	4,53	115	0,31	0,46
TH2SN06V2	10	3/8"	9,5	0,75	19,1	4780	330	19120	1320	5,12	130	0,38	0,56
TH2SN08V2	12	1/2"	12,8	0,88	22,3	3980	275	15920	1100	7,09	180	0,44	0,65
TH2SN10V2	16	5/8"	16	1,00	25,5	3620	250	14480	1000	7,87	200	0,54	0,80
TH2SN12V2	19	3/4"	19	1,16	29,5	3110	215	12440	860	9,45	240	0,67	1,00
TH2SN16V2	25	1"	25,4	1,48	37,6	2390	165	9560	660	11,81	300	0,93	1,38
TH2SN20V2	31	1" 1/4	31,8	1,86	47,3	1810	125	7240	500	16,54	420	1,34	2,00
TH2SN24V2	38	1" 1/2	38,1	2,12	53,8	1450	100	5800	400	19,69	500	1,55	2,30
TH2SN32V2	51	2"	50,8	2,62	66,5	1305	90	5220	360	24,8	630	2,02	3,00

VULCAN 2 3/8" (9,5mm) EXC. EN 853 EXC. SAE 100 R1AT + 135°C + 275°F 330 Bar 33,0 MPa **4780 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 20°C/+135°C
(-4°F / +275°F)
with peaks of 150°C (302°F)

TUBE:
air resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber with high ozone, weather and heat resistance

TEMPERATURA DI ESERCIZIO:
- 20°C/+135°C
(-4°F / +275°F)
con punte di 150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente all'aria

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica ad alta resistenza all'ozono, agli agenti atmosferici e al calore

Note: COMPRESSED AIR APPLICATIONS REQUIRE A PIN PRICK COVER
LE APPLICAZIONI PER ARIA COMPRESSA RICHIEDONO COPERTURA FORATA

VULCANOIL 1

EXCEED EN 853 1SN - SAE 100 R1

RECOMMENDED FOR:
OIL CIRCUITS FOR AIR COMPRESSORS
HIGH COMPATIBILITY WITH MANY OILS FOR COMPRESSORS

RACCOMANDATO PER:
CIRCUITI DELL'OLIO PER COMPRESSORI AD ARIA
ELEVATA COMPATIBILITA' CON NUMEROSI OLI PER COMPRESSORI



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SN03VOIL	5	3/16"	4,8	0,47	11,9	3620	250	14480	1000	3,54	90	0,12	0,18
TH1SN04VOIL	6	1/4"	6,4	0,53	13,5	3260	225	13040	900	3,94	100	0,16	0,24
TH1SN05VOIL	8	5/16"	7,9	0,59	15,1	3110	215	12440	860	4,53	115	0,19	0,29
TH1SN06VOIL	10	3/8"	9,5	0,69	17,5	2610	180	10440	720	5,12	130	0,24	0,36
TH1SN08VOIL	12	1/2"	12,8	0,81	20,6	2320	160	9280	640	7,09	180	0,29	0,43
TH1SN10VOIL	16	5/8"	16	0,94	23,8	1880	130	7520	520	7,87	200	0,35	0,52
TH1SN12VOIL	19	3/4"	19	1,1	27,9	1520	105	6080	420	9,45	240	0,44	0,66
TH1SN16VOIL	25	1"	25,4	1,42	36	1270	88	5080	352	11,81	300	0,66	0,98
TH1SN20VOIL	31	1" 1/4	31,8	1,71	43,4	910	63	3620	252	16,54	420	0,87	1,30
TH1SN24VOIL	38	1" 1/2	38,1	1,97	50,1	720	50	2880	200	19,69	500	1,02	1,52
TH1SN32VOIL	51	2"	50,8	2,5	63,5	580	40	2320	160	24,8	630	1,48	2,20

	VulcanOIL 1 3/8"	(9,5mm)	EXC. EN 853 EXC. SAE 100 R1AT	180 Bar 18,0 MPa	2610 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+120°C
(-40°F / +248°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber with high ozone, weather and heat resistance

TEMPERATURA DI ESERCIZIO:
- 40°C/+120°C
(-40°F / +248°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica ad alta resistenza all'ozono, agli agenti atmosferici e al calore

VULCANOIL 2

EXCEED EN 853 2SN - SAE 100 R2

RECOMMENDED FOR:
OIL CIRCUITS FOR AIR COMPRESSORS
HIGH COMPATIBILITY WITH MANY OILS FOR COMPRESSORS



RACCOMANDATO PER:
CIRCUITI DELL'OLIO PER COMPRESSORI AD ARIA
ELEVATA COMPATIBILITA' CON NUMEROSI OLI PER COMPRESSORI

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2SN03VOIL	5	3/16"	4,8	0,52	13,3	6010	415	24040	1660	3,54	90	0,19	0,28
TH2SN04VOIL	6	1/4"	6,4	0,59	15,1	5800	400	23200	1600	3,94	100	0,24	0,35
TH2SN05VOIL	8	5/16"	7,9	0,66	16,8	5070	350	20280	1400	4,53	115	0,31	0,46
TH2SN06VOIL	10	3/8"	9,5	0,75	19,1	4780	330	19120	1320	5,12	130	0,38	0,56
TH2SN08VOIL	12	1/2"	12,8	0,88	22,3	3980	275	15920	1100	7,09	180	0,44	0,65
TH2SN10VOIL	16	5/8"	16	1,00	25,5	3620	250	14480	1000	7,87	200	0,54	0,80
TH2SN12VOIL	19	3/4"	19	1,16	29,5	3110	215	12440	860	9,45	240	0,67	1,00
TH2SN16VOIL	25	1"	25,4	1,48	37,6	2390	165	9560	660	11,81	300	0,93	1,38
TH2SN20VOIL	31	1" 1/4	31,8	1,86	47,3	1810	125	7240	500	16,54	420	1,34	2,00
TH2SN24VOIL	38	1" 1/2	38,1	2,12	53,8	1450	100	5800	400	19,69	500	1,55	2,30
TH2SN32VOIL	51	2"	50,8	2,62	66,5	1305	90	5200	360	24,8	630	2,02	3,00

	VulcanOIL 2	3/8"	(9,5mm)	EXC. EN 853 EXC. SAE 100 R1AT	330 Bar 33,0 MPa	4780 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+120°C
(-40°F / +248°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber with high ozone, weather and heat resistance

TEMPERATURA DI ESERCIZIO:
- 40°C/+120°C
(-40°F / +248°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica ad alta resistenza all'ozono, agli agenti atmosferici e al calore

VULCANAIR

RECOMMENDED FOR:
AIR COMPRESSOR SYSTEMS

RACCOMANDATO PER:
COMPRESSORI ARIA



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC04VA	6	1/4"	6,4	0.48	12.3	232	16	928	64	1.77	45	0,22	0,15
TH1SC06VA	10	3/8"	9,5	0.61	15.5	232	16	928	64	2.95	75	0,31	0,21
TH1SC08VA	12	1/2"	12,8	0.75	19.0	232	16	928	64	3.54	90	0,42	0,28
TH1SC10VA	16	5/8"	16	0.89	22.6	232	16	928	64	4.53	115	0,23	0,35
TH1SC12VA	19	3/4"	19	1.01	25.8	232	16	928	64	5.51	140	0,66	0,44
TH1SC16VA	25	1"	25,4	1.32	33.4	232	16	928	64	7.87	200	0,95	0,64
TH1SC20VA	31	1" 1/4	31,8	1.61	40.9	232	16	928	64	10.2	260	1,36	0,91
TH1SC24VA	38	1" 1/2	38,1	1.85	47.5	232	16	928	64	13.3	340	1,59	1,07
TH1SC32VA	51	2"	50,8	2.38	60.5	232	16	928	64	15.7	400	2,01	1,35

VulcanAIR 3/8" (9,5mm) **175° C / 347° F** AIR COMPRESSOR **16 Bar** 1,6 MPa **232 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
-20°C/ +150°C (OIL)
-20°C/ +175°C (AIR)

TUBE:
Black, smooth rubber lining

REINFORCEMENT:
1 high tensile wire braid

COVER:
Black syntetic rubber

TEMPERATURA DI ESERCIZIO:
-20°C/ +150°C (OLIO)
-20°C/ +175°C (ARIA)

SOTTOSTRATO:
gomma nera liscia

RINFORZO:
1 treccia ad alto carico

COPERTURA:
Gomma nera sintetica



Standard Spiral Hoses



TEKNOSPIR /4SP

EN 856 4SP - ISO 3862 4SP

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI ALTISSIMA PRESSIONE



Features:



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TS4SP04	6	1/4"	6,4	0,70	17,7	7250	500	29000	2000	5,91	150	0,38	0,56
TS4SP06	10	3/8"	9,5	0,83	21,1	6650	460	26600	1840	7,09	180	0,48	0,72
TS4SP08	12	1/2"	12,8	0,94	23,8	6150	425	24600	1700	9,06	230	0,56	0,84
TS4SP10	16	5/8"	16	1,09	27,6	5800	400	23200	1600	9,84	250	0,75	1,12
TS4SP12	19	3/4"	19	1,23	31,2	5500	380	22000	1520	11,81	300	0,95	1,41
TS4SP16	25	1"	25,4	1,51	38,3	4600	320	18400	1280	13,39	340	1,29	1,92
TS4SP20	31	1" 1/4	31,8	1,94	49,2	3000	210	12000	840	18,11	460	1,95	2,90
TS4SP24	38	1" 1/2	38,1	2,16	55	2650	185	10600	740	22,05	560	2,26	3,36
TS4SP32	51	2"	50,8	2,72	69,2	2550	175	10200	700	25,98	660	3,10	4,62

TeknoSpir 4SP 3/4" (19 mm)
 EN 856 - ISO 3862
Flame Resistant MSHA IC-365/04
380 Bar
38 MPa
5500 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING

TEMPERATURE RANGE:

- 40°C/+100°C
(-40°F / +212°F)
with peaks of 125°C (257°F)

TEMPERATURA
DI ESERCIZIO:

- 40°C/+100°C
(-40°F / +212°F)
con punte di 125°C (257°F)

TYPE APPROVAL:



TUBE:

oil resistant synthetic rubber

SOTTOSTRATO:

gomma sintetica resistente agli oli

REINFORCEMENT:

4 high tensile steel spirals

RINFORZO:

4 spirali di acciaio ad alto carico

COVER:

Standard: synthetic rubber
Evergreen: synthetic rubber with high resistance to abrasion and to flame
Forever: synthetic rubber covered by a polyethylene film with high abrasion resistance

COPERTURA:

Standard: gomma sintetica
Evergreen: gomma sintetica con elevata resistenza all'abrasione e alla propagazione della fiamma
Forever: gomma sintetica ricoperta da una pellicola di polietilene con notevole resistenza all'abrasione

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNOSPIR /4SH

EN 856 4SH - ISO 3862 4SH

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI ALTISSIMA PRESSIONE



Features:



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TS4SH10	16	5/8"	16	1,12	28,5	6525	450	26100	1800	9,44	240	0,93	1,39
TS4SH12	19	3/4"	19	1,21	30,8	6090	420	24360	1680	11,02	280	2,26	1,47
TS4SH16	25	1"	25,4	1,51	38,3	5580	385	22320	1540	13,39	340	1,46	2,17
TS4SH20	31	1" 1/4	31,8	1,81	46	5070	350	20280	1400	18,11	460	1,82	2,71
TS4SH24	38	1" 1/2	38,1	2,08	53	4350	300	17400	1200	22,05	560	2,19	3,26
TS4SH32	51	2"	50,8	2,66	67,6	3620	250	14480	1000	27,56	700	2,90	4,31

TeknoSpir 4SH 3/4" (19 mm)
 EN 856 - ISO 3862
420 Bar
6090 Psi
Flame Resistant MSHA IC-365/04
42 MPa

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F / +212°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
Standard: synthetic rubber
Evergreen: synthetic rubber with high resistance to abrasion and to flame
Forever: synthetic rubber covered by a polyethylene film with high abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen: gomma sintetica con elevata resistenza all'abrasione e alla propagazione della fiamma
Forever: gomma sintetica ricoperta da una pellicola di polietilene con notevole resistenza all'abrasione



Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNOSPIR /12

EN 856 R12 - ISO 3862 R12 - SAE100 R12

RECOMMENDED FOR:
HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI ALTA PRESSIONE



Features:

Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSR1206	10	3/8"	9,5	0,79	20	4060	280	16240	1120	5,12	130	0,39	0,58
TSR1208	12	1/2"	12,8	0,93	23,5	4060	280	16240	1120	7,09	180	0,52	0,77
TSR1210	16	5/8"	16	1,07	27,2	4060	280	16240	1120	7,87	200	0,65	0,97
TSR1212	19	3/4"	19	1,21	30,7	4060	280	16240	1120	9,45	240	0,88	1,31
TSR1216	25	1"	25,4	1,51	38,3	4060	280	16240	1120	11,81	300	1,19	1,77
TSR1220	31	1" 1/4	31,8	1,94	49,2	3050	210	12200	840	16,54	420	1,95	2,90
TSR1224	38	1" 1/2	38,1	2,16	55	2550	175	10200	700	19,69	500	2,26	3,36
TSR1232	51	2"	50,8	2,63	66,7	2550	175	10200	700	24,8	630	2,99	4,45

TeknoSpir R12 3/8" (9,5mm) **EN 856 ISO 3862** Flame Resistant MSHA IC-247 **280 Bar** **28,0 MPa** **4060 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+120°C
(-40°F / +248°F)
with peaks of 125°C (257°F)

TEMPERATURA DI ESERCIZIO:
- 40°C/+120°C
(-40°F / +248°F)
con punte di 125°C (257°F)

TYPE APPROVAL:

MSHA

TUBE:
oil resistant synthetic rubber

SOTTOSTRATO:
gomma sintetica resistente agli oli

REINFORCEMENT:
4 high tensile steel spirals

RINFORZO:
4 spirali di acciaio ad alto carico

COVER:
Standard: synthetic rubber
Evergreen: synthetic rubber with high resistance to abrasion and to flame
Forever: synthetic rubber covered by a polyethylene film with high abrasion resistance

COPERTURA:
Standard: gomma sintetica
Evergreen: gomma sintetica con elevata resistenza all'abrasione e alla propagazione della fiamma
Forever: gomma sintetica ricoperta da una pellicola di polietilene con notevole resistenza all'abrasione

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNOSPIR /13

EN 856 R13 SAE 100 R13 - ISO 3862 R13

RECOMMENDED FOR:
HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI ALTA PRESSIONE



Features:



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSR1312	19	3/4"	19	1,23	31,2	5070	350	20300	1400	9,45	240	0,95	1,41
TSR1316	25	1"	25,4	1,51	38,3	5070	350	20300	1400	11,81	300	1,29	1,92
TSR1320	31	1" 1/4	31,8	1,81	46	5070	350	20300	1400	16,54	420	1,82	2,71
TSR1324	38	1" 1/2	38,1	2,24	57	5070	350	20300	1400	19,69	500	2,96	4,41
TSR1332	51	2"	50,8	2,82	71,6	5070	350	20300	1400	24,80	630	4,25	6,32

TeknoSpir R13 3/4" (19mm) **EN 856 ISO 3862** Flame Resistant MSHA IC-247 **350 Bar** 35,0 MPa **5070 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+120°C
(-40°F / +248°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals (DN19-31)
6 high tensile steel spirals (DN 38-51)

COVER:
Standard: synthetic rubber
Evergreen: synthetic rubber with high resistance to abrasion and to flame
Forever: synthetic rubber covered by a polyethylene film with high abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 40°C/+120°C
(-40°F / +248°F) con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico (DN19-25)
6 spirali di acciaio ad alto carico (DN31-51)

COPERTURA:
Standard: gomma sintetica
Evergreen: gomma sintetica con elevata resistenza all'abrasione e alla propagazione della fiamma
Forever: gomma sintetica ricoperta da una pellicola di polietilene con notevole resistenza all'abrasione

TYPE APPROVAL:

MSHA

Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNOSPIR /15

SAE 100 R15 - ISO 3862 R15

RECOMMENDED FOR:
HIGH PRESSURE HYDRAULIC LINES

RACCOMANDATO PER:
LINEE DI ALTA PRESSIONE

Features:



Alternative versions: Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSR1510	16	5/8"	16	1,12	28,5	6090	420	24360	1680	9,44	240	0,93	1,39
TSR1512	19	3/4"	19		30,8	6090	420	24360	1680	10,42	265	0,99	1,47
TSR1516	25	1"	25,4		38,4	6090	420	24360	1680	12,98	330	1,46	2,17
TSR1520	31	1" 1/4	31,8	1,95	49,5	6090	420	24360	1680	17,51	445	2,55	3,80
TSR1524	38	1" 1/2	38,1		57	6090	420	24360	1680	20,85	530	3,20	4,76
TSR1532	51	2"	50,8	2,83	72	6090	420	24360	1680	23,60	600	4,37	6,50

TeknoSpir R15 3/4" (19mm)

 SAE 100 R15 - ISO 3862
 Flame Resistant MSHA IC-247

 420 Bar
 42,0 MPa

6090 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+120°C
(-40°F / +248°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals (DN16-25)
6 high tensile steel spirals (DN 31-51)

COVER:
Standard: synthetic rubber
Evergreen: synthetic rubber with high resistance to abrasion and to flame
Forever: synthetic rubber covered by a polyethylene film with high abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 40°C/+120°C
(-40°F / +248°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico (DN16-25)
6 spirali di acciaio ad lato carico (DN31-51)

COPERTURA:
Standard: gomma sintetica
Evergreen: gomma sintetica con elevata resistenza all'abrasione e alla propagazione della fiamma
Forever: gomma sintetica ricoperta da una pellicola di polietilene con notevole resistenza all'abrasione

TYPE APPROVAL:



Note: TO ORDER EVERGREEN VERSION PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE



Special Spiral Hoses



ICEBERG /4SP

EN 856 4SP - ISO 3862 4SP

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES



RACCOMANDATO PER:
LINEE DI ALTISSIMA PRESSIONE A BASSISSIMA TEMPERATURA

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TS4SP04ICE	6	1/4"	6,4	0,70	17,7	7250	500	29000	2000	5,91	150	0,38	0,56
TS4SP06ICE	10	3/8"	9,5	0,83	21,1	6650	460	26600	1840	7,09	180	0,48	0,72
TS4SP08ICE	12	1/2"	12,8	0,94	23,8	6150	425	24600	1700	9,06	230	0,56	0,84
TS4SP10ICE	16	5/8"	16	1,09	27,6	5800	400	23200	1600	9,84	250	0,75	1,12
TS4SP12ICE	19	3/4"	19	1,23	31,2	5500	380	22000	1520	11,81	300	0,95	1,41
TS4SP16ICE	25	1"	25,4	1,51	38,3	4600	320	18400	1280	13,39	340	1,29	1,92
TS4SP20ICE	31	1" 1/4	31,8	1,94	49,2	3000	210	12000	840	18,11	460	1,95	2,90
TS4SP24ICE	38	1" 1/2	38,1	2,16	55	2650	185	10600	740	22,05	560	2,26	3,36
TS4SP32ICE	51	2"	50,8	2,72	69,2	2550	175	10200	700	25,98	660	3,10	4,62

	ICEBERG 4SP 3/4" (19mm)	EN 856 ISO 3862 Flame Resistant MSHA IC-247	-55°C -67°F	380 Bar 38 MPa	5500 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 55°C/+100°C
(-67°F / +212°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

TEMPERATURA DI ESERCIZIO:
- 55°C/+100°C
(-67°F / +212°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono ed agli agenti atmosferici.

TYPE APPROVAL:



ICEBERG /4SH

EN 856 4SH - ISO 3862 4SH

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES



RACCOMANDATO PER:
LINEE DI ALTISSIMA PRESSIONE A BASSISSIMA TEMPERATURA

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TS4SH10ICE	16	5/8"	16	1,12	28,5	6525	450	26100	1800	9,44	240	0,93	1,39
TS4SH12ICE	19	3/4"	19	1,21	30,8	6090	420	24360	1680	11,02	280	2,26	1,47
TS4SH16ICE	25	1"	25,4	1,51	38,3	5580	385	22320	1540	13,39	340	1,46	2,17
TS4SH20ICE	31	1" 1/4	31,8	1,81	46	5070	350	20280	1400	18,11	460	1,82	2,71
TS4SH24ICE	38	1" 1/2	38,1	2,08	53	4350	300	17400	1200	22,05	560	2,19	3,26
TS4SH32ICE	51	2"	50,8	2,66	67,6	3620	250	14480	1000	27,56	700	2,90	4,31

ICEBERG 4SH 3/4" (19mm)
 EN 856 ISO 3862 Flame Resistant MSHA IC-247
 -55°C / -67°F
 420 Bar / 42 MPa
 6090 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 55°C/+100°C
(-67°F / +212°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

TEMPERATURA DI ESERCIZIO:
- 55°C/+100°C
(-67°F / +212°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono ed agli agenti atmosferici.

TYPE APPROVAL:

MSHA

ICEBERG /12

EN 856 R12 - ISO 3862 R12 - SAE100 R12

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES

RACCOMANDATO PER:
LINEE DI ALTISSIMA PRESSIONE A BASSISSIMA TEMPERATURA



Features:



Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch mm	Inch mm	mm	PSI Bar	PSI Bar	Inch mm	Lb/ft kg/mt				
TSR1206ICE	10	3/8" 9,5	0,79	20	4060 280	16240 1120	5,12 130	0,39 0,58				
TSR1208ICE	12	1/2" 12,8	0,93	23,5	4060 280	16240 1120	7,09 180	0,52 0,77				
TSR1210ICE	16	5/8" 16	1,07	27,2	4060 280	16240 1120	7,87 200	0,65 0,97				
TSR1212ICE	19	3/4" 19	1,21	30,7	4060 280	16240 1120	9,45 240	0,88 1,31				
TSR1216ICE	25	1" 25,4	1,51	38,3	4060 280	16240 1120	11,81 300	1,19 1,77				
TSR1220ICE	31	1" 1/4 31,8	1,94	49,2	3050 210	12200 840	16,54 420	1,95 2,90				
TSR1224ICE	38	1" 1/2 38,1	2,16	55	2550 175	10200 700	19,69 500	2,26 3,36				

	ICEBERG R12 3/4"	(19mm)	EN 856 ISO 3862 Flame Resistant MSHA IC-247	-55°C -67°F	280 Bar 28 MPa	4060 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 55°C/+120°C
(-67°F / +248°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

TEMPERATURA DI ESERCIZIO:
- 55°C/+120°C
(-67°F / +248°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono ed agli agenti atmosferici.

TYPE APPROVAL:

MSHA

ICEBERG /13

EN 856 R13 SAE 100 R13 - ISO 3862 R13

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES

RACCOMANDATO PER:
LINEE DI ALTISSIMA PRESSIONE A BASSISSIMA TEMPERATURA



Features:



Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSR1312ICE	19	3/4"	19	1,23	31,2	5070	350	20300	1400	9,45	240	0,95	1,41
TSR1316ICE	25	1"	25,4	1,51	38,3	5070	350	20300	1400	11,81	300	1,29	1,92
TSR1320ICE	31	1" 1/4	31,8	1,81	46	5070	350	20300	1400	16,54	420	1,82	2,71
TSR1324ICE	38	1" 1/2	38,1	2,24	57	5070	350	20300	1400	19,69	500	2,96	4,41
TSR1332ICE	51	2"	50,8	2,82	71,6	5070	350	20300	1400	24,80	630	4,25	6,32

ICEBERG R13 3/4" (19mm)
 EN 856 ISO 3862 Flame Resistant MSHA IC-247
 -55°C / -67°F
 350Bar / 35 MPa
 5070 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 55°C/+120°C
(-67°F / +248°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals (DN19-31)
6 high tensile steel spirals (DN 38-51)

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

TEMPERATURA DI ESERCIZIO:
- 55°C/+120°C
(-40°F / +248°F) con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico (DN19-25)
6 spirali di acciaio ad lato carico (DN31-51)

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono ed agli agenti atmosferici.

TYPE APPROVAL:

MSHA

ICEBERG /15

SAE 100 R15 - ISO 3862 R15

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC LINES IN EXTREMELY LOW TEMPERATURES

RACCOMANDATO PER:
LINEE DI ALTISSIMA PRESSIONE A BASSISSIMA TEMPERATURA

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TSR1510ICE	16	5/8"	16	1,12	28,5	6090	420	24360	1680	9,44	240	0,93	1,39
TSR1512ICE	19	3/4"	19	1,21	30,8	6090	420	24360	1680	10,42	265	0,99	1,47
TSR1516ICE	25	1"	25,4	1,51	38,4	6090	420	24360	1680	12,98	330	1,46	2,17
TSR1520ICE	31	1" 1/4	31,8	1,95	49,5	6090	420	24360	1680	17,51	445	2,55	3,60
TSR1524ICE	38	1" 1/2	38,1	2,24	57	6090	420	24360	1680	20,85	530	3,20	4,76
TSR1532ICE	51	2"	50,8	2,83	72	6090	420	24360	1680	23,60	600	4,37	6,50

	ICEBERG R15 3/4"	(19mm)	SAE 100 R15 - ISO 3862 Flame Resistant MSHA IC-247	-55°C -67°F	420 Bar 42 MPa	6090 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 55°C/+120°C
(-67°F / +248°F)
with peaks of 125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals (DN16-25)
6 high tensile steel spirals (DN 31-51)

COVER:
special synthetic rubber with low temperature, ozone and weather resistance

TEMPERATURA DI ESERCIZIO:
- 55°C/+120°C
(-67°F / +248°F)
con punte di 125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico (DN16-25)
6 spirali di acciaio ad lato carico (DN31-51)

COPERTURA:
gomma speciale sintetica resistente alle basse temperature, all'ozono ed agli agenti atmosferici.

TYPE APPROVAL:

MSHA



Cleaner Hoses



TEKNOJET 1SN 250

EN 1829-2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULTRICI PROFESSIONALI

Features:



Alternative
versions:



other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ1SN04	6	1/4"	6,4	0,52	13,1	3625	250	14500	1000	3,94	100	0,15	0,22
TJ1SN05	8	5/16"	7,9	0,58	14,7	3625	250	14500	1000	4,53	115	0,18	0,27
TJ1SN06	10	3/8"	9,5	0,67	17,0	3625	250	14500	1000	5,12	130	0,22	0,32
TJ1SN08	12	1/2"	12,8	0,79	20,1	3625	250	14500	1000	7,09	180	0,28	0,41


TeknoJET 1SN 3/8"

(9,5mm)

EN 1829-2

-10°C / +150°C
14°F / +302°F250 Bar
25 MPa
3625 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING**TEMPERATURE RANGE:**

- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TEMPERATURA**DI ESERCIZIO:**

- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

TUBE:

hot water, detergent and oil synthetic rubber

SOTTOSTRATO:

gomma sintetica resistente a acqua calda, detersivi e oli

REINFORCEMENT:

1 high tensile steel braid

RINFORZO:

1 treccia di acciaio ad alto carico

COVER:

synthetic rubber with extreme abrasion resistance

COPERTURA:

gomma sintetica con estrema resistenza all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION  PLEASE ADD "FV" TO THE CODE

TEKNOJET 2SN 400

EN 1829-2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULITRICI PROFESSIONALI



Alternative versions:

other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ2SN04	6	1/4"	6,4	0,57	14,6	5800	400	23200	1600	3,94	100	0,22	0,33
TJ2SN05	8	5/16"	7,9	0,64	16,3	5800	400	23200	1600	4,53	115	0,28	0,41
TJ2SN06	10	3/8"	9,5	0,74	18,7	5800	400	23200	1600	5,12	130	0,34	0,51
TJ2SN08	12	1/2"	12,8	0,86	21,9	5800	400	23200	1600	7,09	180	0,40	0,60

TeknoJET 2SN 3/8" (9,5mm) EN 1829-2 -10°C / +150°C 14°F / +302°F 400 Bar 40 MPa **5800 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TUBE:
hot water, detergent and oil synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente a acqua calda, detersivi e oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNOJET 1SN PLUS 315

EN 1829 -2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULTRICI PROFESSIONALI

Features



S.F. 3:1



Alternative versions:



other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ1SN04P	6	1/4"	6,4	0,52	13,3	4570	315	14500	1000	3,94	100	0,17	0,25
TJ1SN05P	8	5/16"	7,9	0,58	14,7	4570	315	14500	1000	4,53	115	0,19	0,28
TJ1SN06P	10	3/8"	9,5	0,67	17,1	4570	315	14500	1000	5,12	130	0,23	0,34
TJ1SN08P	12	1/2"	12,8	0,80	20,3	4570	315	14500	1000	6,29	160	0,28	0,41

TeknoJET 1SN PLUS 3/8" (9,5mm) EN 1829-2 -10°C / +150°C
14°F / +302°F 315 Bar
31,5 MPa **4570 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TUBE:
hot water, detergent and oil synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente a acqua calda, detersivi e oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNOJET 2SN PLUS 600

EN 1829 - 2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULTRICI PROFESSIONALI



Alternative
versions:



other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Features



S.F. 3:1

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ2SN04P	6	1/4"	6,4	0,57	14,6	8700	600	26100	1800	3,93	100	0,24	0,36
TJ2SN05P	8	5/16"	7,9	0,64	16,3	8700	600	26100	1800	4,53	115	0,29	0,43
TJ2SN06P	10	3/8"	9,5	0,74	18,7	8700	600	26100	1800	5,12	130	0,38	0,56
TJ2SN08P	12	1/2"	12,8	0,87	22,2	8700	600	26100	1800	6,29	160	0,42	0,63


TeknoJET 2SN PLUS 3/8"

(9,5mm)

EN 1829-2

 -10°C / +150°C
 14°F / +302°F

 600 Bar
 60 MPa

8700 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING**TEMPERATURE RANGE:**

- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TUBE:

hot water, detergent and oil syn-
thetic rubber

REINFORCEMENT:

2 high tensile steel braids

COVER:

synthetic rubber with extreme abrasion
resistance

TEMPERATURA**DI ESERCIZIO:**

- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

SOTTOSTRATO:

gomma sintetica resistente a acqua
calda, detersivi e oli

RINFORZO:

2 trecce di acciaio ad alto carico

COPERTURA:

gomma sintetica con estrema resistenza
all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION  PLEASE ADD "FV" TO THE CODE

TEKNOJET 1SC 250

EN 1829 - 2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULTRICI PROFESSIONALI



Alternative versions:    

other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Features



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ1SC04	6	1/4"	6,4	0,48	12,2	3625	250	14500	1000	2,97	75	0,13	0,20
TJ1SC05	8	5/16"	7,9	0,53	13,5	3625	250	14500	1000	3,34	85	0,15	0,22
TJ1SC06	10	3/8"	9,5	0,61	15,6	3625	250	14500	1000	3,54	90	0,18	0,27
TJ1SC08	12	1/2"	12,8	0,75	19,1	3625	250	14500	1000	5,11	130	0,24	0,35


TeknoJET 1SC 3/8" (9,5mm) EN 1829-2 -10°C / +150°C
14°F / +302°F 250 Bar
25 MPa **3625 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TUBE:
hot water, detergent and oil synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente a acqua calda, detersivi e oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION  PLEASE ADD "FV" TO THE CODE

TEKNOJET 2SC 400

EN 1829 - 2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULTRICI PROFESSIONALI



Alternative versions:



other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ2SC04	6	1/4"	6,4	0,53	13,4	5800	400	23200	1600	2,95	75	0,18	0,27
TJ2SC05	8	5/16"	7,9	0,59	15,0	5800	400	23200	1600	3,34	85	0,22	0,32
TJ2SC06	10	3/8"	9,5	0,67	17,0	5800	400	23200	1600	3,54	90	0,27	0,40
TJ2SC08	12	1/2"	12,8	0,8	20,4	5800	400	23200	1600	5,11	130	0,36	0,54

TeknoJET 2SC 3/8" (9,5mm) EN 1829-2 **5800 Psi** -10°C / +150°C
14°F / +302°F 400 Bar
40 MPa

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TUBE:
hot water, detergent and oil synthetic rubber

REINFORCEMENT:
2 high tensile steel braids

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente a acqua calda, detersivi e oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION PLEASE ADD "FV" TO THE CODE

TEKNOJET 1ST 250

EN 1829-2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULTRICI PROFESSIONALI


Features:



Alternative versions:    

other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ1ST04	6	1/4"	6,4	0,62	15,9	3625	250	14500	1000	3,54	90	0,15	0,22
TJ1ST05	8	5/16"	7,9	0,69	17,5	3625	250	14500	1000	3,95	100	0,18	0,27
TJ1ST06	10	3/8"	9,5	0,78	19,8	3625	250	12200	1000	4,53	115	0,23	0,34
TJ1ST08	12	1/2"	12,8	0,9	23,0	3625	250	10400	1000	5,12	130	0,28	0,41


TeknoJET 1ST 3/8" (9,5mm) EN 1829-2 -10°C / +150°C 14°F / +302°F 250 Bar 25 MPa **3625 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TUBE:
hot water, detergent and oil synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente a acqua calda, detersivi e oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION  PLEASE ADD "FV" TO THE CODE

TEKNOJET 2ST 400

EN 1829 - 2

RECOMMENDED FOR:
PROFESSIONAL WATER JET CLEANERS

RACCOMANDATO PER:
MACCHINE IDROPULITRICI PROFESSIONALI



Alternative versions:    

other colors available: BLUE, RED, GREY
altri colori disponibili: BLU, ROSSO, GRIGIO

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TJ2ST04	6	1/4"	6,4	0,69	17,5	5800	400	23200	1600	3,94	100	0,24	0,35
TJ2ST05	8	5/16"	7,9	0,75	19,1	5800	400	23200	1600	4,53	115	0,28	0,42
TJ2ST06	10	3/8"	9,5	0,84	21,4	5800	400	23200	1600	5,12	130	0,35	0,52
TJ2ST08	12	1/2"	12,8	0,97	24,6	5800	400	23200	1600	7,09	180	0,41	0,61

 **TeknoJET 2ST 3/8"** (9,5mm) EN 1829-2 -10°C / +150°C
14°F / +302°F 400 Bar
40 MPa **5800 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+135°C
(14°F to +275°F)
with peak of +150°C (302°F)

TUBE:
hot water, detergent and oil synthetic rubber

REINFORCEMENT:
2 high tensile steel braids


COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
- 10°C/+135°C
(14°F / +275°F)
con punte di +150°C (302°F)

SOTTOSTRATO:
gomma sintetica resistente a acqua calda, detersivi e oli

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

Note: TO ORDER BLU VERSION PLEASE ADD "B" TO THE CODE
TO ORDER RED VERSION PLEASE ADD "R" TO THE CODE
TO ORDER GREY VERSION PLEASE ADD "G" TO THE CODE
TO ORDER FOREVER VERSION  PLEASE ADD "FV" TO THE CODE

TEKNOBLAST

EN 1829-2

RECOMMENDED FOR:
EXTREME STATIC PRESSURE FOR WATER SCALING AND JETTING SYSTEMS

RACCOMANDATO PER:
PRESSIONI STATICHE ESTREME PER SISTEMI DI DISINCROSTAZIONE CON ACQUA



Features:   S.F. 2.5:1

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TB4SP06	10	3/8"	9,5	0,83	21,1	10870	750	27190	1875	7,09	180	0,46	0,68
TB4SP08	12	1/2"	12,8	0,94	23,9	10870	750	27190	1875	8,66	220	0,62	0,92
TB4SP12	19	3/4"	19	1,21	30,8	10870	750	27190	1875	11,02	280	0,99	1,47


Teknoblast
3/8" (9.5mm)
EN 1829-2
Flame Resistant MSHA IC-247
750 Bar
75,0 MPa
10870 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+70°C
(-14°F / +158°F)
with peaks of 90°C (194°F)

TUBE:
hot water, detergent and oil synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
-10°C/+70°C
(-14°F / +158°F)
con punte di 90°C (194°F)

SOTTOSTRATO:
gomma sintetica resistente a acqua calda, detersivi e oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

TYPE APPROVAL:

MSHA

TEKNOBLAST PLUS

EN 1829-2

RECOMMENDED FOR:
EXTREME STATIC PRESSURE FOR WATER SCALING AND JETTING SYSTEMS

RACCOMANDATO PER:
PRESSIONI STATICHE ESTREME PER SISTEMI DI DISINCROSTAZIONE CON ACQUA



Features:   S.F. 2.5:1

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TB4SP06P	10	3/8"	9,5	0,85	21,6	18120	1250	45310	3125	9,06	230	0,58	0,87
TB4SP08P	12	1/2"	12,8	0,96	24,5	15950	1100	39870	2750	9,06	230	0,76	1,13
TB4SP12P	19	3/4"	19	1,26	32	14500	1000	36250	2500	9,84	250	1,14	1,69
TB4SP16P	25	1"	24,4	1,51	38,3	10150	700	25370	1750	10,23	260	1,45	2,17


Teknoblast Plus 3/8"

(9,5 mm)

EN 1829-2
Flame Resistant MSHA IC-2471250 Bar
125,0 MPa
18120 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+70°C
(-14°F / +158°F)
with peaks of 90°C (194°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
4 high tensile steel spirals

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
-10°C/+70°C
(-14°F / +158°F)
con punte di 90°C (194°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
4 spirali di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

TYPE APPROVAL:

MSHA

a-2020 Eu

93

TEKNOBLAST SUPERB

EN 1829-2

RECOMMENDED FOR:
EXTREME STATIC PRESSURE FOR WATER SCALING AND JETTING SYSTEMS

RACCOMANDATO PER:
PRESSIONI STATICHE ESTREME PER SISTEMI DI DISINCROSTAZIONE CON ACQUA



Features:   S.F. 2.5:1

Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TB4SP08S	12	1/2"	12,8	1,14	28,9	21000	1450	52490	3625	9,84	250	0,85	1,26
TB4SP12S	19	3/4"	19	1,39	35,4	19580	1350	48870	3375	11,02	280	1,19	1,77


Teknoblast Superb 1/2" (9,5 mm)
 EN 1829-2
Flame Resistant MSHA IC-247
1450 Bar
145 MPa
21000 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 10°C/+70°C
(-14°F / +158°F)
with peaks of 90°C (194°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
6 high tensile steel spirals

COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
-10°C/+70°C
(-14°F / +158°F)
con punte di 90°C (194°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
6 spirali di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione

TYPE APPROVAL:

MSHA

SEWER-CLEANING

EN 1829 -2

RECOMMENDED FOR:
SEWER CLEANING APPLICATIONS AND HIGH PRESSURE WASHING

RACCOMANDATO PER:
PULIZIA DEGLI IMPIANTI FOGNARI E LINEE DI LAVAGGIO CON ACQUA AD ALTA
PRESSIONE



Features



S.F. 2.5:1

Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1SC08SW	12	1/2"	12,8	0,75	19,1	4060	280	10150	700	3,54	90	0,26	0,38
TH1SC10SW	16	5/8"	16	0,95	24,1	4060	280	10150	700	3,93	100	0,55	0,82
TH1SC12SW	19	3/4"	19	1,02	25,9	3045	210	7613	525	4,72	120	0,37	0,55
TH1SC16SW	25	1"	25,4	1,33	33,7	3045	210	7613	525	5,90	150	0,62	0,93


SEWER-CLEANING **1/2"** (12,8mm) S.F. 2.5:1 EN 1829 - 2 280 Bar 28,0 MPa **4060 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
-10°C/+80°C
(14°F / +176°F)

TUBE:
hotwater, detergent and oil synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

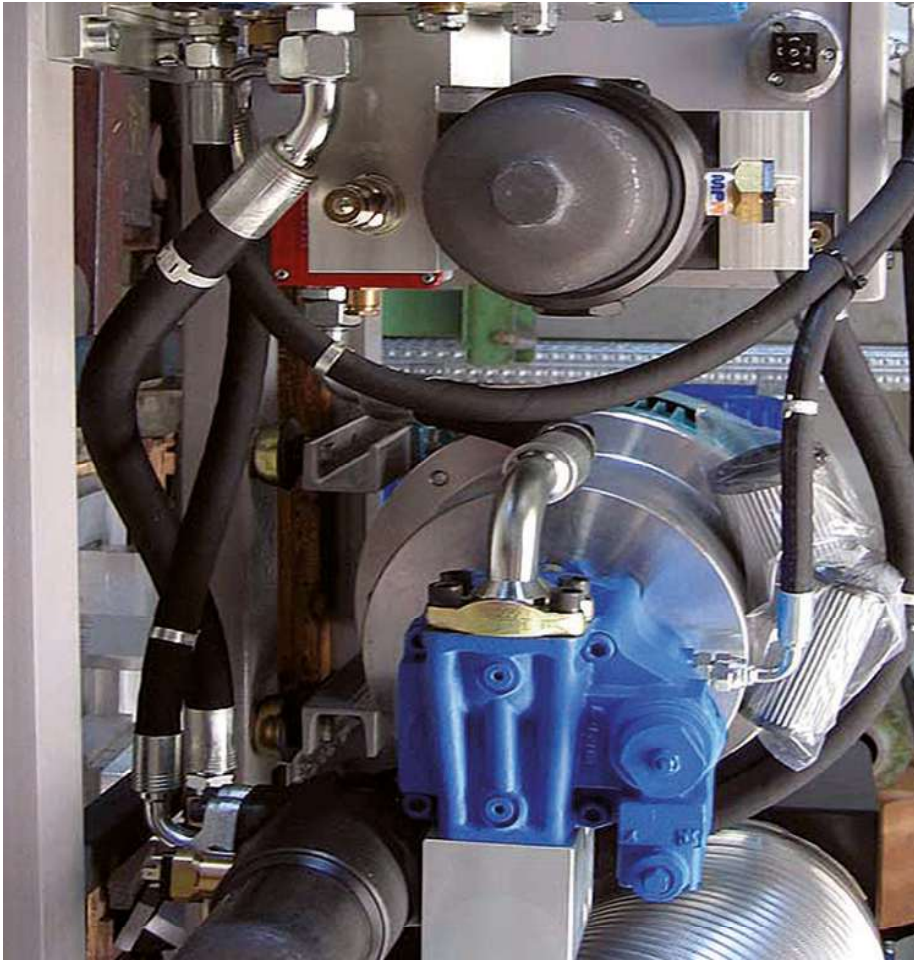
COVER:
synthetic rubber with extreme abrasion resistance

TEMPERATURA DI ESERCIZIO:
-10°C/+80°C
(14°F / +176°F)

SOTTOSTRATO:
gomma sintetica resistente ad acqua calda detersivi e oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
gomma sintetica con estrema resistenza all'abrasione



Textile Braided Hoses



TEKNO 1TE/R6

EN 854 1TE - SAE100 R6

RECOMMENDED FOR:
LOW PRESSURE LINES, RETURN LINES

RACCOMANDATO PER:
LINEE DI BASSA PRESSIONE, LINEE DI RITORNO



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH1TER603	5	3/16"	4,8	0,413	10,50	507	35	2030	140	1,377	35	0,06	0,10
TH1TER604	6	1/4"	6,4	0,496	12,60	406	28	1624	112	1,770	45	0,08	0,12
TH1TER605	8	5/16"	7,9	0,551	14,00	406	28	1624	112	2,557	65	0,09	0,13
TH1TER606	10	3/8"	9,5	0,622	15,80	406	28	1624	112	2,950	75	0,10	0,16
TH1TER608	12	1/2"	12,8	0,764	19,40	406	28	1624	112	3,541	90	0,14	0,21
TH1TER610	16	5/8"	16,0	0,905	23,00	348	24	1392	96	4,524	115	0,18	0,27
TH1TER612	19	3/4"	19,0	1,023	26,00	305	21	1218	84	5,905	150	0,21	0,32
TH1TER616	25	1"	25,4	1,299	33,00	290	20	1160	80	8,070	205	0,29	0,44


TEKNO 1TE/R6 3/8"

(9,5mm)

 EN 854 1TE
SAE 100 R6

 28 Bar
2,8 MPa

406 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile textile braid

COVER:
weather resistant synthetic rubber.

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia tessile ad alto carico

COPERTURA:
gomma sintetica resistente agli agenti atmosferici.

TEKNO 2TE

EN 854 2TE - ISO 4079 -2TE

RECOMMENDED FOR:
LOW PRESSURE LINES, RETURN LINES

RACCOMANDATO PER:
LINEE DI BASSA PRESSIONE, LINEE DI RITORNO



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2TE03	5	3/16"	4,8	0,465	11,80	1160	80	4640	320	0,983	25	0,08	0,12
TH2TE04	6	1/4"	6,4	0,520	13,20	1088	75	4350	300	1,574	40	0,09	0,13
TH2TE05	8	5/16"	7,9	0,583	14,80	986	68	3944	272	1,967	50	0,11	0,17
TH2TE06	10	3/8"	9,5	0,646	16,40	914	63	3654	252	2,360	60	0,12	0,18
TH2TE08	12	1/2"	12,8	0,776	19,70	841	58	3364	232	2,754	70	0,17	0,26
TH2TE10	16	5/8"	16,0	0,929	23,60	725	50	2900	200	3,541	90	0,23	0,36
TH2TE12	19	3/4"	19,0	1,063	27,00	653	45	2610	180	4,327	110	0,26	0,40
TH2TE16	25	1"	25,4	1,339	34,00	580	40	2320	160	5,901	150	0,38	0,58
TH2TE20	31	1" 1/4	31,8	1,614	41,00	508	35	2030	140	6,688	170	0,47	0,72



TEKNO 2TE

3/8"

(9,5mm)

EN 854 2TE
ISO 4079-2TE63 Bar
6,3 MPa

914 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile textile braid

COVER:
weather resistant synthetic rubber.

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia tessile ad alto carico

COPERTURA:
gomma sintetica resistente agli agenti atmosferici.

TEKNO 3TE

EN 854 3TE ISO 4079 3TE

RECOMMENDED FOR:
LOW AND MEDIUM PRESSURE, RETURN LINES

RACCOMANDATO PER:
LINEE DI BASSA E MEDIA PRESSIONE, LINEE DI RITORNO



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH3TE03	5	3/16"	4,8	0,488	12,40	2320	160	9280	640	1,574	40	0,08	0,12
TH3TE04	6	1/4"	6,4	0,583	14,80	2103	145	8410	580	1,770	45	0,11	0,17
TH3TE05	8	5/16"	7,9	0,689	17,50	1885	130	7540	520	2,164	55	0,16	0,24
TH3TE06	10	3/8"	9,5	0,752	19,10	1595	110	6380	440	2,754	70	0,16	0,25
TH3TE08	12	1/2"	12,8	0,878	22,30	1349	93	5394	372	3,344	85	0,20	0,31
TH3TE10	16	5/8"	16,0	1,043	26,50	1160	80	4640	320	4,131	105	0,29	0,44
TH3TE12	19	3/4"	19,0	1,165	29,60	1015	70	4060	280	5,114	130	0,33	0,51
TH3TE16	25	1"	25,4	1,437	36,50	798	55	3190	220	5,901	150	0,44	0,67
TH3TE20	31	1" 1/4	31,8	1,665	42,30	653	45	2610	180	7,474	190	0,51	0,79
TH3TE24	36	1" 1/2	38,1	1,953	49,60	798	40	3190	160	5,901	240	0,68	1,05

	TEKNO 3TE	3/8"	(9,5mm)	EN 854 3TE ISO 4079 3TE	110 Bar 11 MPa	1595 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile textile braids

COVER:
weather resistant synthetic rubber

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce tessili ad alto carico

COPERTURA:
gomma sintetica resistente agli agenti atmosferici.

TEKNO R3


EN 854 R3 - SAE 100 R3 - ISO 4079 R3

RECOMMENDED FOR:
LOW AND MEDIUM PRESSURE, RETURN LINES

RACCOMANDATO PER:
LINEE DI BASSA E MEDIA PRESSIONE E LINEE DI RITORNO



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THR303	5	3/16"	4,8	0,496	12,60	1522	105	6091	420	2,953	75	0,10	0,16
THR304	6	1/4"	6,4	0,563	14,30	1261	87	5047	348	2,953	75	0,12	0,19
THR305	8	5/16"	7,9	0,688	17,50	1218	84	4873	336	3,934	100	0,18	0,27
THR306	10	3/8"	9,5	0,751	19,10	1131	78	4525	312	3,934	100	0,20	0,30
THR308	12	1/2"	12,8	0,936	23,80	1015	70	4061	280	4,917	125	0,29	0,44
THR310	16	5/8"	16,0	1,062	27,00	884	61	3538	244	5,507	140	0,34	0,50
THR312	19	3/4"	19,0	1,251	31,80	754	52	3016	208	5,901	150	0,47	0,70
THR316	25	1"	25,4	1,499	38,10	566	39	2262	156	8,065	205	0,58	0,87
THR320	31	1" 1/4	31,8	1,751	44,50	377	26	1508	104	9,843	250	0,67	1,00

	TEKNO R3	3/8"	(9,5mm)	EN 854 3TE SAE 100 R3	78 Bar 7,8 MPa	1131 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
2 high tensile textile braids

COVER:
weather resistant synthetic rubber.

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
2 trecce tessili ad alto carico

COPERTURA:
gomma sintetica resistente agli agenti atmosferici.

TEKNO R4

SAE J517 tipe SAE 100 R4

RECOMMENDED FOR:
SUCTION AND DELIVERY OF OIL IN HYDRAULIC SYSTEMS

RACCOMANDATO PER:
ASPIRAZIONE E MANDATA DI OLIO NEI SISTEMI IDRAULICI



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		Vacuum	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt	PSI	Bar
THR412	19	3/4"	19	1,259	32,00	315	21	1218	84	4,99	127	0,49	0,725	0,062	0,9
THR416	25	1"	25	1,456	37,00	255	17	986	68	5,98	152	0,57	0,847	0,062	0,9
THR420	31	1" 1/4	32	1,770	45,00	210	14	812	56	7,98	203	0,77	1,148	0,062	0,9
THR424	38	1" 1/2	38	2,046	52,00	150	10	580	40	9,99	254	0,98	1,454	0,062	0,9
THR432	51	2"	51	2,518	64,00	105	7	406	28	11,99	305	1,23	1,837	0,062	0,9
THR440	63	2. 1/2"	63,5	3,029	77,00	60	4	232	16	14,00	356	1,55	2,31	0,062	0,9
THR448	76	3"	76	3,560	90,50	60	4	232	16	17,70	450	1,92	2,852	0,062	0,9
THR464	102	4"	102	4,583	116,5	30	2	116	8	23,99	610	2,57	3,82	0,062	0,9

	TEKNO R4	3/4"	(19mm)	SAE100R4	21 Bar 2,1 MPa	315 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)

TUBE:
oil resistant synthetic rubber
(except ester base)

REINFORCEMENT:
2 high tensile textile braids
and 1 high tensile steel spiral

COVER:
Standard: black smooth weather resistant special synthetic rubber.

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli
(eccetto oli a base di esteri)

RINFORZO:
2 trecce tessili ad alto carico
e 1 spirale in acciaio

COPERTURA:
Standard: nera liscia in gomma sintetica resistente agli agenti atmosferici.

SAUGFLEX X PLUS G

SAE J517 tipe SAE 100 R4

RECOMMENDED FOR:
SUCTION AND DELIVERY OF OIL IN HYDRAULIC SYSTEMS
(VERY HIGH FLEXIBILITY)

RACCOMANDATO PER:
ASPIRAZIONE E MANDATA DI OLIO NEI SISTEMI IDRAULICI
(ELEVATA FLESSIBILITA')



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		Vacuum	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt	PSI	Bar
THR412SX	19	3/4"	19	1,141	29,00	315	21	914	63	1,574	40	0,37	0,55	0,062	0,9
THR416SX	25	1"	25	1,377	35,00	255	17	740	51	1,770	45	0,48	0,72	0,062	0,9
THR420SX	31	1" 1/4	32	1,652	42,00	210	15	653	45	2,360	60	0,59	0,88	0,062	0,9
THR424SX	38	1" 1/2	38	1,908	48,50	150	10	435	30	2,557	65	0,73	1,08	0,062	0,9
THR432SX	51	2"	51	2,478	63,00	105	10	435	30	3,541	90	1,18	1,76	0,062	0,9
THR440SX	63	2. 1/2"	63,5	2,990	76,00	60	10	435	30	4,327	110	1,51	2,25	0,062	0,9
THR448SX	76	3"	76	3,501	89,00	60	10	435	30	5,311	135	1,94	2,88	0,062	0,9
THR464SX	102	4"	102	4,563	116,00	30	10	435	30	8,261	210	2,76	4,11	0,062	0,9



SAUGFLEX X PLUS G 3/4" (19mm) SAE100R4 ^{21 Bar} ^{2,1 MPa} **315 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)

TUBE:
oil resistant synthetic rubber
(except ester base)

REINFORCEMENT:
2 high tensile textile braids
and 1 high tensile steel spiral

COVER:
Standard: black smooth, CR rubber, weathering and oil resistant

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli
(eccetto oli a base di esteri)

RINFORZO:
2 trecce tessili ad alto carico e
1 spirale in acciaio

COPERTURA:
Standard: CR, nera, liscia resistente agli agenti atmosferici e agli oli.

SAUGFLEX

SAE J517 tipe SAE 100 R4

RECOMMENDED FOR:
SUCTION AND DELIVERY OF OIL IN HYDRAULIC SYSTEMS

RACCOMANDATO PER:
ASPIRAZIONE E MANDATA DI OLIO NEI SISTEMI IDRAULICI



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		Vacuum	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt	PSI	Bar
THR412S	19	3/4"	19	1,101	28,00	150	10	435	30	2,75	70	0,38	0,56	0,062	0,9
THR416S	25	1"	25	1,338	34,00	150	10	435	30	3,34	85	0,47	0,70	0,062	0,9
THR418S	28	1" 3/32	28	1,495	38,00	150	10	435	30	3,74	95	0,52	0,77	0,062	0,9
THR420S	31	1" 1/4	32	1,652	42,00	150	10	435	30	4,13	105	0,57	0,85	0,062	0,9
THR424S	38	1" 1/2	38	1,888	48,00	150	10	435	30	5,11	130	0,77	1,15	0,062	0,9
THR425S	40	1" 9/16	40	1,967	50,00	150	10	435	30	5,31	135	0,81	1,20	0,062	0,9
THR432S	51	2"	51	2,439	62,00	150	10	435	30	6,49	165	1,00	1,49	0,062	0,9
THR438S	60	2. 3/8"	60	2,754	70,00	150	10	435	30	7,87	200	1,19	1,77	0,062	0,9
THR440S	63	2. 1/2"	63,5	2,970	75,50	150	10	435	30	8,65	220	1,26	1,87	0,062	0,9
THR448S	76	3"	76	3,541	90,00	150	10	435	30	10,62	270	1,57	2,34	0,062	0,9
THR456S	90	3. 1/2"	90	4,091	104,00	150	10	435	30	13,38	340	1,83	2,73	0,062	0,9
THR464S	102	4"	102	4,563	116,00	150	10	435	30	15,34	390	2,39	3,56	0,062	0,9
THR480S	125	5"	125	5,468	139,00	90	6	261	18	20,46	520	2,89	4,30	0,062	0,9
M THR496S	152	6"	152	6,648	169,00	75	5	218	15	33,04	840	4,11	6,12	0,062	0,9
THR4128S	203	8"	203	8,773	223,00	75	5	218	15	47,99	1220	6,65	9,89	0,062	0,9

		SAUGFLEX	3/4"	(19mm)	SAE100R4	10 Bar 1,0 MPa	150 Psi
OPERATING TEMPERATURE RANGE: - 40°C/+100°C (-40°F to +212°F)	TUBE: oil resistant synthetic rubber (except ester base)	REINFORCEMENT: 2 high tensile textile braids and 1 high tensile steel spiral	COVER: Standard: square corrugated, weather resistant special synthetic rubber and oil.	TEMPERATURA DI ESERCIZIO: - 40°C/+100°C (-40°F to +212°F)	SOTTOSTRATO: gomma sintetica resistente agli oli (eccetto oli a base di esteri)	RINFORZO: 2 trecce tessili ad alto carico e 1 spirale in acciaio	COPERTURA: Standard: corrugato, gomma sintetica resistente agli agenti atmosferici e agli oli.

CLEANFARM

EN 854 2TE

RECOMMENDED FOR:
HYDRAULIC LINES, LOW PRESSURE DISCHARGE OF HYDRAULIC FLUIDS.
NOT USED FOR FOOD PASSAGE, ONLY USED FOR FOOD EQUIPMENTS CLEANING.



RACCOMANDATO PER:
LINEE IDRAULICHE, SCARICO A BASSA PRESSIONE DI FLUIDI IDRAULICI.
NON UTILIZZATO PER IL PASSAGGIO DI CIBO, UTILIZZATO SOLO PER LA PULIZIA DI
ATTREZZATURE ALIMENTARI.

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
TH2TE08CF	12	1/2"	12,8	0,80	20,5	1160	80	3480	240	3,54	90	0,13	0,19

	CleanFarm	1/2"	(12,8 mm)	intermittent +150°C / +302°F	80 Bar	8,0 MPa	1160 Psi	B.P. 240 Bar
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
-40°C/+100°C
(-40°F to +212°F)
with peak of +150°C (302°F)

TUBE:
synthetic rubber

REINFORCEMENT:
1 high tensile textile braid

COVER: BLUE
oil, and food resistant synthetic rubber

TEMPERATURA DI ESERCIZIO:
-40°C/+100°C
(-40°F to +212°F)
con punte di +150°C (302°F)

SOTTOSTRATO:
gomma sintetica

RINFORZO:
1 treccia tessile ad alto carico

COPERTURA: BLU
gomma sintetica resistente agli alimeti e agli olli



Thermoplastic Hoses



TEKNO R7

SAE 100R7 - ISO 3949

RECOMMENDED FOR:
HYDRAULIC USE AT MEDIUM PRESSURE

RACCOMANDATO PER:
USO OLEODINAMICO A MEDIA PRESSIONE



Features: **S.F. 4 : 1** VACUUM RATING :
13.5 psi - 0.93 bar

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THR703	5	3/16"	4,8	0,393	10,00	3040	210	12180	840	1,180	30	0,05	0,07
THR704	6	1/4"	6,4	0,464	11,80	2900	200	11600	800	1,377	35	0,06	0,09
THR705	8	5/16"	8	0,563	14,30	2750	190	11020	760	1,770	45	0,09	0,13
THR706	10	3/8"	9,7	0,629	16,00	2540	175	10150	700	2,164	55	0,10	0,16
THR708	12	1/2"	13	0,799	20,30	2030	140	8120	560	2,950	75	0,15	0,22
THR710	16	5/8"	16,0	0,924	23,50	1520	105	6090	420	4,721	120	0,19	0,28
THR712	19	3/4"	19,2	1,042	26,50	1300	90	5220	360	5,704	145	0,22	0,33
THR716	25	1"	25,6	1,322	33,60	1020	70	4060	280	7,868	200	0,27	0,40

	TEKNO R7	3/8"	(9,5mm)	ISO 3949 SAE 100R7	175Bar 17,5 MPa	2540Psi
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MARKING/MARCATURA: TRANSFER TAPE

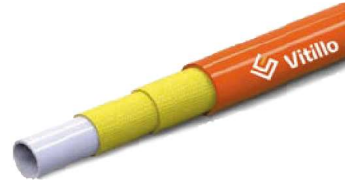
<p>OPERATING TEMPERATURE RANGE: - 40°C/+100°C (-40°F to +212°F) Air and water: max + 70°C (+158°F)</p>	<p>TUBE: Thermoplastic polyester</p>	<p>REINFORCEMENT: 2 polyester fiber</p>	<p>COVER: Standard: antiabrasion polyurethane stabilized to UV RAYS</p>
<p>TEMPERATURA DI ESERCIZIO: - 40°C/+100°C (-40°F to +212°F) Aria and acqua: max + 70°C (+158°F)</p>	<p>SOTTOSTRATO: Poliestere termoplastico</p>	<p>RINFORZO: 2 fibre in poliestere</p>	<p>COPERTURA: Standard: Poliuretano antiabrasione stabilizzato ai raggi UV</p>
<p>TYPE APPROVAL: Lloyd's Register</p>			

TEKNO R7 NON CONDUCTIVE

SAE 100R7 - ISO 3949 - ANSI A92.2

RECOMMENDED FOR:
ELECTRICAL ISOLATION REQUIRED FOR HIGH PRESSURE HYDRAULIC APPLICATIONS

RACCOMANDATO PER:
USO OLEODINAMICO A MEDIA PRESSIONE PER APPLICAZIONI CHE RICHIEDONO UN
ELEVATO ISOLAMENTO ELETTRICO



Features: **S.F. 4 : 1** VACUUM RATING:
13.5 psi - 0.93 bar

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THR703NC	5	3/16"	4,8	0,393	10,00	3040	210	12180	840	1,180	30	0,05	0,07
THR704NC	6	1/4"	6,4	0,464	11,80	2900	200	11600	800	1,377	35	0,06	0,09
THR705NC	8	5/16"	8	0,563	14,30	2750	190	11020	760	1,770	45	0,09	0,13
THR706NC	10	3/8"	9,7	0,629	16,00	2540	175	10150	700	2,164	55	0,10	0,16
THR708NC	12	1/2"	13	0,799	20,30	2030	140	8120	560	2,950	75	0,15	0,22
THR710NC	16	5/8"	16,0	0,924	23,50	1520	105	6090	420	4,721	120	0,19	0,28
THR712NC	19	3/4"	19,2	1,042	26,50	1300	90	5220	360	5,704	145	0,22	0,33
THR716NC	25	1"	25,6	1,322	33,60	1020	70	4060	280	7,868	200	0,27	0,40

	TEKNO R7 NON CONDUCTIVE	3/8"	(9,5mm)	ISO 3949 SAE 100R7	175Bar 17,5 MPa	2540Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
Water: max+ 70°C (+158°F)

TUBE:
Thermoplastic polyester

REINFORCEMENT:
2 polyester fiber

COVER:
Standard: orange antiabrasion not microperforate polyurethane stabilized to UV rays

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)
Acqua: max + 70°C (+158°F)

SOTTOSTRATO:
Poliestere termoplastico

RINFORZO:
2 fibre in poliesteri

COPERTURA:
Standard: Poliuretano antiabrasione arancio non microforato stabilizzato ai raggi UV

For applications requiring a high electrical insulation; leakage currents <50 µ A with voltages of 250.000 µ V / m
Per applicazioni che richiedono un elevato isolamento elettrico; correnti di perdita < 50 µ A con tensioni di 250.000V/m

TEKNO R8

SAE 100 R8 - ISO 3949

RECOMMENDED FOR:
HYDRAULIC USE AT HIGH PRESSURE

RACCOMANDATO PER:
USO OLEODINAMICO AD ALTA PRESSIONE



Features: S.F. 4 : 1

VACUUM RATING:
13.5 psi - 0.93 bar

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THR802	3	1/8"	3,5	0,279	7,10	6090	420	24360	1680	1,180	30	0,02	0,04
THR803	5	3/16"	4,8	0,393	10,00	5080	350	20300	1400	1,377	35	0,05	0,07
THR804	6	1/4"	6,4	0,464	11,80	5080	350	20300	1400	1,967	50	0,06	0,09
THR805	8	5/16"	8	0,563	14,30	4710	325	18850	1300	2,360	60	0,08	0,13
THR806	10	3/8"	9,7	0,629	16,00	4060	280	16240	1120	2,754	70	0,10	0,15
THR808	12	1/2"	13	0,799	20,30	3550	245	14210	980	3,737	95	0,15	0,23
THR810	16	5/8"	16,0	0,924	23,50	2830	195	11310	780	4,917	125	0,18	0,27
THR812	19	3/4"	19,2	1,042	26,50	2390	165	9570	660	5,901	150	0,24	0,35
THR816	25	1"	25,6	1,365	34,70	2100	145	8410	580	7,868	200	0,34	0,51

* NOT COVERED BY THE SAE 100 R8 STANDARD

* NON PREVISTO DALLA NORMA SAE 100 R8

TEKNO R8
3/8"
 (9,5mm)
 iso SAE 100R8
 280 Bar 28 MPa
 4060Psi

MARKING/MARCATURA: TRANSFER TAPE

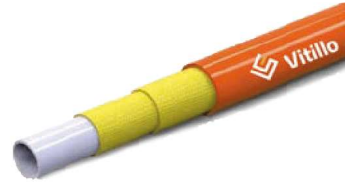
OPERATING TEMPERATURE RANGE: - 40°C/+100°C (-40°F to +212°F) Air and water: max+ 70°C (+158°F)	TUBE: Thermoplastic polyester	REINFORCEMENT: 2 textile fiber in high tenacity	COVER: Standard: antiabrasion polyurethane stabilized to UV rays
TEMPERATURA DI ESERCIZIO: - 40°C/+100°C (-40°F to +212°F) Aria e acqua: max + 70°C (+158°F)	SOTTOSTRATO: Poliestere termoplastico	RINFORZO: 2 fibre tessili ad alta tenacità	COPERTURA: Standard: Poliuretano antiabrasione stabilizzato ai raggi UV

TEKNO R8 NON CONDUCTIVE

SAE 100 R8 - ISO 3949

RECOMMENDED FOR:
ELECTRICAL ISOLATION REQUIRED FOR HIGH PRESSURE HYDRAULIC APPLICATIONS

RACCOMANDATO PER:
USO OLEODINAMICO AD ALTA PRESSIONE PER APPLICAZIONI CHE RICHIEDONO UN
ELEVATO ISOLAMENTO ELETTRICO



Features: **S.F. 4 : 1** VACUUM RATING :
13.5 psi - 0.93 bar

Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THR802NC	3	1/8" 3,5	0,279	7,10	6090	420	24360	1680	1,180	30	0,02	0,04
THR803NC	5	3/16" 4,8	0,393	10,00	5080	350	20300	1400	1,377	35	0,05	0,07
THR804NC	6	1/4" 6,4	0,464	11,80	5080	350	20300	1400	1,967	50	0,06	0,09
THR805NC	8	5/16" 8	0,563	14,30	4710	325	18850	1300	2,360	60	0,08	0,13
THR806NC	10	3/8" 9,7	0,629	16,00	4060	280	16240	1120	2,754	70	0,10	0,15
THR808NC	12	1/2" 13	0,799	20,30	3550	245	14210	980	3,737	95	0,15	0,23
THR810NC	16	5/8" 16,0	0,924	23,50	2830	195	11310	780	4,917	125	0,18	0,27
THR812NC	19	3/4" 19,2	1,042	26,50	2390	165	9570	660	5,901	150	0,24	0,35
THR816NC	25	1" 25,6	1,365	34,70	2100	145	8410	580	7,868	200	0,34	0,51

* NOT COVERED BY THE SAE 100 R8 STANDARD

* NON PREVISTO DALLA NORMA SAE 100 R8

	TEKNO R8 NON CONDUCTIVE	3/8"	(9,7mm)	ISO 3949 SAE 100R8	280 Bar 28 MPa	4060Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
Air and water: max+ 70°C (+158°F)

TUBE:
Thermoplastic polyester

REINFORCEMENT:
2 textile fiber in high tenacity

COVER:
Standard: orange antiabrasion not microperforate polyurethane stabilized to UV rays

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)
Aria e acqua: max + 70°C (+158°F)

SOTTOSTRATO:
Poliestere termoplastico

RINFORZO:
2 fibre tessili ad alta tenacità

COPERTURA:
Standard: Poliuretano antiabrasione arancio non microforato stabilizzato ai raggi UV

For applications requiring a high electrical insulation; leakage currents <50µA with voltages of 250.000 µ V / m
Per applicazioni che richiedono un elevato isolamento elettrico; correnti di perdita < 50 µ A con tensioni di 250.000V/m

TEKNO MTH1

SAE 100R1 - EN853 1ST, 1SN - EN 857 1SC

RECOMMENDED FOR:
HYDRAULIC USE AT HIGH PRESSURE

RACCOMANDATO PER:
USO OLEODINAMICO AD ALTA PRESSIONE

Features: **S.F. 4 : 1** VACUUM RATING:
13.5 psi - 0.93 bar



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THMTH103	5	3/16"	4,8	0,393	10,00	4710	325	18850	1300	1,180	30	0,09	0,13
THMTH104	6	1/4"	6,4	0,468	11,90	4350	300	17400	1200	1,574	40	0,11	0,17
THMTH105	8	5/16"	8	0,551	14,00	3480	240	13920	960	1,967	50	0,15	0,22
THMTH106	10	3/8"	9,7	0,629	16,00	3260	225	13050	900	2,360	60	0,17	0,26
THMTH108	12	1/2"	13	0,755	19,20	2755	190	11020	760	2,950	75	0,22	0,33
THMTH110	16	5/8"	16,0	0,917	23,30	2175	150	8700	600	4,327	110	0,28	0,41
THMTH112	19	3/4"	19,2	1,003	25,50	1885	130	7540	520	5,901	150	0,31	0,45
THMTH116	25	1"	25,6	1,279	32,50	1520	105	6090	420	7,278	185	0,40	0,59
THMTH120	31	1" 1/4	31,8	1,574	40,00	1015	70	4060	280	11,40	290	0,60	0,89

	TEKNO MTH1 3/8"	(9,5mm)	EN 853 SAE 100R1	225 Bar 22,5 MPa	3260 Psi
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MARKING/MARCATURA: TRANSFER TAPE

OPERATING

TEMPERATURE RANGE:

-40°C/+100°C
(-40°F to +212°F)

Air and water: max+ 70°C (+158°F)

TEMPERATURA

DI ESERCIZIO:

-40°C/+100°C
(-40°F to +212°F)

Aria e acqua: max+ 70°C (+158°F)

TUBE:

Thermoplastic polyester

SOTTOSTRATO:

Poliestere temoplastico

REINFORCEMENT:

one high tensile steel braid

RINFORZO:

una treccia di acciaio ad alto carico

COVER:

Standard: antiabrasion polyurethane stabilized to UV rays

COPERTURA:

Standard: Poliuretano antiabrasione stabilizzato ai raggi UV

TEKNO MTH2

SAE 100R2

RECOMMENDED FOR:
HYDRAULIC USE AT HIGH PRESSURE

RACCOMANDATO PER:
USO OLEODINAMICO AD ALTA PRESSIONE



Features: **S.F. 4 : 1** VACUUM RATING:
13.5 psi - 0.93 bar

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt
THMTH204	6	1/4"	6,4	0,531	13,50	5800	400	23200	1600	1,574	40	0,20	0,29
THMTH205	8	5/16"	8	0,594	15,10	5075	350	20300	1400	1,967	50	0,23	0,35
THMTH206	10	3/8"	9,7	0,669	17,00	4785	330	19140	1320	2,360	60	0,28	0,42
THMTH208	12	1/2"	13	0,846	21,50	3990	275	15950	1100	2,950	75	0,40	0,60
THMTH210	16	5/8"	16,3	0,964	24,50	3625	250	14500	1000	4,327	110	0,44	0,66
THMTH212	19	3/4"	19,2	1,082	27,50	3120	215	12470	860	5,901	150	0,53	0,79
THMTH216	25	1"	25,6	1,377	35,00	2390	165	9570	660	7,278	185	0,71	1,05

TEKNO MTH2 3/8" (9,5mm) SAE 100R2 **330 Bar** 33 MPa **4785 Psi**

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
Air and water: max +70°C (+158°F)

TUBE:
Thermoplastic polyester

REINFORCEMENT:
2 high tensile steel braids

COVER:
Standard: antiabrasion polyurethane stabilized to UV rays

TEMPERATURA DI ESERCIZIO:
- 40°C/+100°C
(-40°F to +212°F)
Aria e acqua: max+ 70°C (+158°F)

SOTTOSTRATO:
Poliestere termoplastico

RINFORZO:
2 trecce di acciaio ad alto carico

COPERTURA:
Standard: Poliuretano antiabrasione stabilizzato ai raggi UV

TEKNO MTKH

NFPA 1936

RECOMMENDED FOR:
VERY HIGH PRESSURE HYDRAULIC AND PNEUMATIC USE
(PIN-PRICKED VERSION)

RACCOMANDATO PER:
USO OLEODINAMICO E PNEUMATICO (VERSIONE MICROFORATA) AD ALTISSIMA
PRESSIONE



Features: **S.F. 4 : 1** VACUUM RATING:
13.5 psi - 0.93 bar

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt	
THMTKH04	6	1/4"	6,4	0,570	14,50	10150	700	40600	2800	1,574	40	0,17	0,26	*
THMTKH06	10	3/8"	9,5	0,708	18,00	6160	425	24650	1700	2,360	60	0,23	0,34	
THMTKH08	12	1/2"	13	0,865	22,00	5440	375	21750	1500	2,950	75	0,31	0,46	
THMTKH12	19	3/4"	19,2	1,109	28,20	3260	225	13050	900	5,901	150	0,44	0,66	
THMTKH16	25	1"	25,8	1,393	35,40	2900	200	11600	800	9,842	250	0,58	0,86	

TEKNO MTKH 3/8" (9,5mm) NFPA 1936 **6160 Psi** (425 Bar / 42.5 MPa)

MARKING/MARCATURA: TRANSFER TAPE

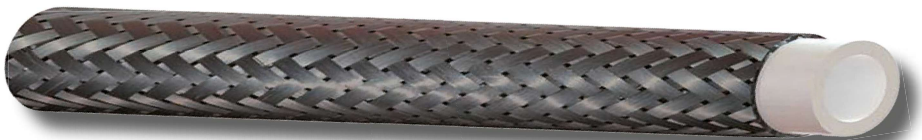
OPERATING TEMPERATURE RANGE: - 40°C/+100°C (-40°F to +212°F) Air and water: max + 70°C (+158°F)	TUBE: Thermoplastic polyester	REINFORCEMENT: 1 high tensile steel braids + 1 aramidic fiber	COVER: Standard: antiabrasion polyurethane stabilized to UV rays
TEMPERATURA DI ESERCIZIO: - 40°C/+100°C (-40°F to +212°F) Aria e acqua: max + 70°C (+158°F)	SOTTOSTRATO: Poliestere temoplastico	RINFORZO: 1 treccia di acciaio ad alto carico + 1 treccia in fibra aramidica	COPERTURA: Standard: Poliuretano antiabrasione stabilizzato ai raggi UV

The hose diam. 1/4" is not suitable for high impulse dynamic pressure applications.
 Il tubo diam 1/4" non è idoneo per applicazioni con elevati impulsi di pressione dinamici.





PTFE Hoses



TEKNO FHL

SAE 100 R14

RECOMMENDED FOR:
TRANSPORT OF STEAM, GAS FLUIDS AND CHEMICAL AGENT FOR HIGH TEMPERATURE AND PRESSIONS

RACCOMANDATO PER:
TRASPORTO DI VAPORE, GAS ED AGGRESSIVI CHIMICI PER ALTE TEMPERATURE E PRESSIONI

Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		Wall THK	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt	Inch	mm
THFHL02	3	1/8"	3,3	0,232	5,90	3988	275	15950	1100	0,983	25	0,04	0,06	0,028	0,7
THFHL03	5	3/16"	4,8	0,291	7,40	2900	200	11600	800	1,377	35	0,05	0,07	0,028	0,7
THFHL04	6	1/4"	6,35	0,354	9,00	2538	175	10150	700	1,770	45	0,06	0,09	0,028	0,7
THFHL05	8	5/16"	7,9	0,425	10,80	2175	150	8700	600	1,967	50	0,09	0,13	0,028	0,7
THFHL06	10	3/8"	9,5	0,488	12,40	1958	135	7830	540	2,164	55	0,10	0,15	0,028	0,7
THFHL08	12	1/2"	12,7	0,618	15,70	1740	120	6960	480	2,754	70	0,14	0,21	0,028	0,7
THFHL10	16	5/8"	15,9	0,751	19,10	1450	100	5800	400	5,114	130	0,17	0,26	0,028	0,7
THFHL12	19	3/4"	19,0	0,873	22,20	1305	90	5220	360	7,474	190	0,22	0,32	0,031	0,8
THFHL16	25	1"	25,4	1,153	29,30	943	65	3770	260	10,622	270	0,30	0,45	0,031	0,8

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OPERATING TEMPERATURE RANGE:
- 70°C/+260°C
(-94°F to +500°F)

TUBE:
PTFE

REINFORCEMENT:
1 stainless steel braid AISI 304

COVER:

TEMPERATURA DI ESERCIZIO:
- 70°C/+260°C
(-94°F to +500°F)

SOTTOSTRATO:
PTFE

RINFORZO:
1 treccia di acciaio inox AISI 304

COPERTURA:

TEKNO FHM

SAE 100 R14

RECOMMENDED FOR:
TRANSPORT OF STEAM, GAS FLUIDS AND CHEMICAL AGENT FOR HIGH TEMPERATURE AND PRESSIONS

RACCOMANDATO PER:
TRASPORTO DI VAPORE, GAS ED AGGRESSIVI CHIMICI PER ALTE TEMPERATURE E PRESSIONI



Features:



Code	Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		Wall THK	
	D.N.	Inch mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt	Inch	mm
THFHM02	3	1/8" 3,2	0,256	6,50	3988	275	15950	1100	0,983	25	0,05	0,07	0,039	1
THFHM03	5	3/16" 4,8	0,307	7,80	2900	200	11600	800	1,377	35	0,06	0,09	0,035	0,9
THFHM04	6	1/4" 6,35	0,370	9,40	2538	175	10150	700	1,770	45	0,07	0,11	0,035	0,9
THFHM05	8	5/16" 7,9	0,441	11,20	2175	150	8700	600	1,967	50	0,10	0,15	0,035	0,9
THFHM06	10	3/8" 9,5	0,504	12,80	1958	135	7830	540	2,164	55	0,12	0,17	0,035	0,9
THFHM08	12	1/2" 12,7	0,629	16,00	1740	120	6960	480	2,754	70	0,16	0,24	0,035	0,9
THFHM10	16	5/8" 15,9	0,755	19,20	1450	100	5800	400	5,114	130	0,20	0,30	0,035	0,9
THFHM12	19	3/4" 19,0	0,885	22,50	1305	90	5220	360	7,474	190	0,25	0,37	0,039	1
THFHM16	25	1" 25,4	1,157	29,40	943	65	3770	260	10,622	270	0,34	0,50	0,043	1,1

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 70°C/+260°C
(-94°F to +500°F)

TUBE:
PTFE

REINFORCEMENT:
1 stainless steel braid AISI 304

COVER:

TEMPERATURA DI ESERCIZIO:
- 70°C/+260°C
(-94°F to +500°F)

SOTTOSTRATO:
PTFE

RINFORZO:
1 treccia di acciaio inox AISI 304

COPERTURA:

TEKNO FHM-DC

SAE 100 R14

RECOMMENDED FOR:
TRANSPORT OF STEAM, GAS FLUIDS AND CHMICAL AGENT FOR HIGH TEMPERA-
TURE AND PRESSIONS

RACCOMANDATO PER:
TRASPORTO DI VAPORE, GAS ED AGGRESSIVI CHIMICI PER ALTE TEMPERATURE E
PRESSIONI



Features:



Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		Wall THK	
	D.N.	Inch	mm	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Lb/ft	kg/mt	Inch	mm
THFHMDC03	5	3/16"	4,8	0,354	9,00	5293	365	18125	1250	1,180	30	0,09	0,14	0,035	0,9
THFHMDC04	6	1/4"	6,35	0,413	10,50	5293	365	15950	1100	1,377	35	0,12	0,17	0,035	0,9
THFHMDC05	8	5/16"	7,9	0,500	12,70	4350	300	13050	900	1,574	40	0,15	0,23	0,035	0,9
THFHMDC06	10	3/8"	9,5	0,563	14,30	4133	285	12325	850	1,967	50	0,18	0,27	0,035	0,9
THFHMDC08	12	1/2"	12,7	0,692	17,60	4060	280	10875	750	2,754	70	0,25	0,37	0,035	0,9
THFHMDC10	16	5/8"	15,9	0,826	21,00	3408	235	10150	700	4,327	110	0,34	0,51	0,035	0,9
THFHMDC12	19	3/4"	19,0	0,948	24,10	2900	200	8700	600	7,081	180	0,41	0,61	0,039	1
THFHMDC16	25	1"	25,4	1,239	31,50	2175	150	6525	450	9,441	240	0,55	0,81	0,043	1,1

MARKING/MARCATURA: TRANSFER TAPE

OPERATING TEMPERATURE RANGE:
- 70°C/+260°C
(-94°F to +500°F)

TUBE:
PTFE

REINFORCEMENT:
2 stainless steel braid AISI 304

COVER:

TEMPERATURA DI ESERCIZIO:
- 70°C/+260°C
(-94°F to +500°F)

SOTTOSTRATO:
PTFE

RINFORZO:
2 treccia di acciaio inox AISI 304

COPERTURA:



NOTA IMPORTANTE PER L'UTILIZZATORE

L'assemblaggio di tubazioni flessibili per bassa ed alta pressione richiede attenzione non solo per fornire una lunga durata alla raccordatura stessa, ma anche per prevenire guasti potenzialmente pericolosi. La rottura o sfilamento di una tubazione flessibile danneggiata, usurata o installata in modo errato, può provocare seri infortuni anche mortali oltre che danni alle cose. Gli utilizzatori devono rispettare un buon programma di manutenzione dell'impianto evitando così costosi fermi macchina, fissando programmi di ispezione, collaudo o sostituzione prima che si verifichino guasti; occorre tenere in considerazione fattori quali applicazioni pesanti, frequenza d'uso delle apparecchiature oltre che le prestazioni del circuito. E' buona pratica documentare in modo appropriato tutte le operazioni di manutenzione, ispezione e collaudo. L'ispezione, il collaudo e la manutenzione delle tubazioni flessibili raccordate devono essere riservate a personale adeguatamente addestrato e il cui addestramento venga aggiornato regolarmente. L'utilizzatore deve rispettare con cura le precauzioni elencate di seguito oltre a seguire strettamente le nostre raccomandazioni per la scelta di tubi e raccordi. Occorre inoltre fare attenzione a non scendere al di sotto del raggio di curvatura minimo indicato per ogni dimensione e tipo di tubo. La massima pressione e temperatura di servizio non deve superare quella indicata. Vanno seguite attentamente le istruzioni per il montaggio di raccordi sui vari tubi in modo da assicurare prestazioni sicure al circuito nel suo complesso. Seguendo le raccomandazioni sul montaggio e sull'installazione delle tubazioni raccordate si otterranno una maggior sicurezza ed una più lunga durata d'esercizio per qualsiasi tipo di tubo. Il fluido sotto pressione è potenzialmente pericoloso! Una perdita di fluido sotto pressione può causare danni alle apparecchiature e seri infortuni alle persone presenti.

INFORMAZIONE IMPORTANTE

Un fluido fortemente pressurizzato che fuoriesca da un piccolo foro può essere quasi invisibile ma esercitare ugualmente una forza estrema in grado di penetrare sotto la pelle o altri tessuti corporei provocando eventuali gravi infortuni. I fluidi o i prodotti chimici molto caldi possono provocare gravi ustioni. I fluidi pressurizzati, se rilasciati in modo incontrollato, possono avere una tremenda forza esplosiva. Alcuni fluidi idraulici sono altamente infiammabili.

PRECAUZIONI

Quando si lavora nei pressi di una qualsiasi tubazione flessibile in pressione, interporre sempre tra la persona e la tubazione una protezione o, in alternativa, togliere la pressione. Indossare occhiali di sicurezza. Non utilizzare le mani per controllare eventuali perdite. Non toccare un tubo flessibile in pressione con nessuna parte del corpo.

IMPORTANT NOTE FOR USERS

Hose assemblies require caution in use not only to provide long service life but also to guard against potentially dangerous failure. Serious injury, death and destruction of property can result from the rupture or blowing apart of a hose assembly that is damaged, worn out, badly assembled or installed incorrectly. Users should follow good maintenance practices. Avoid expensive downtime by establishing a program of inspection, testing and replacement of hose assemblies before failure occurs; taking into account factors including: severity of application, frequency of equipment use, past performance of hose assemblies. Document your maintenance, inspections and testing. Only properly trained persons should inspect, test or service hose assemblies and this training should be updated regularly. Users should carefully observe the precautions listed below as well as following closely our recommendations for the selection of hose and couplings. In addition, care should be taken not to go below the minimum bend radius listed for each hose size and type. Maximum operating pressure and temperature should not exceed the pressures listed. Instruction for assembling fittings to different hoses should be followed carefully to ensure the safe performance of the complete assembly. By following the recommendations on hose assembly routing and installation, improved safety and longer service life of any hose installation will result. Fluid under pressure can be potentially dangerous! A fluid leak can cause damage to equipment as well as serious injury to persons nearby.

SALIENT INFORMATION

Highly pressurized gas and/or oil escaping from a small pinhole can be almost invisible and, yet, exert extreme force capable of penetrating the skin and other body tissues, causing possible severe injury. Hot fluids or chemicals can cause severe burns. Pressurized fluids, if released uncontrolled, can exert a tremendous explosive force. Some fluids are highly flammable.

PRECAUTIONS

Always position a shield between you and any pressurized lines when working next to them or shut the pressure off. Wear safety glasses. Do not use your hands to check for leaks. Do not touch a pressurized hose assembly with any part of your body, if fluid punctures the skin, even if no pain is felt, a serious emergency exists. Obtain medical assistance immediately. Failure to do so can result in loss of the injured body part or death. Stay out of hazardous areas while testing hose assemblies under pressure. Use proper safety protection. If an injury or reaction occurs, get medical attention right away.

Eventuali infiltrazioni di un fluido sotto la pelle costituiscono una grave emergenza, anche se non si avverte alcun dolore. Rivolgersi immediatamente all'assistenza medica. Il mancato rispetto di tale precauzione potrebbe provocare la perdita della parte del corpo ferita o, addirittura, la morte. Restare al di fuori delle aree pericolose quando si eseguono collaudi di tubazioni flessibili sotto pressione. Utilizzare sistemi adeguati di protezione individuale. La tubazione flessibile (così come l'assieme raccordato), ha una durata limitata secondo le condizioni d'esercizio nelle quali è impiegata. Sottoporre una tubazione flessibile (o l'assieme raccordato) a condizioni più gravose dei limiti consigliati riduce in modo determinante la durata d'esercizio. Anche combinare diversi limiti raccomandati (e cioè un'utilizzo continuativo alla pressione massima nominale d'esercizio, alla temperatura massima consigliata e col minimo raggio di curvatura), riduce la durata.

PRESSIONE

Dopo aver determinato la pressione necessaria per un dato circuito, si deve eseguire la scelta del tubo in modo tale che la pressione massima d'esercizio raccomandata e specifica per un dato tubo, sia pari o superiore alla pressione massima del circuito. L'utilizzo continuativo alle massime temperature insieme alle massime pressioni va sempre evitato. L'utilizzo continuativo alla temperatura massima nominale o in prossimità della stessa provoca il deterioramento delle proprietà fisiche del sottostrato e della copertura nella maggior parte del tubo. Tale deterioramento ridurrà la durata del tubo. Picchi di pressione che superino la massima pressione d'esercizio (impostazione della valvola di sicurezza della pressione) influiscono sulla durata d'esercizio dei componenti di un sistema, ivi compreso il tubo raccordato e vanno quindi necessariamente tenuti in considerazione. I tubi utilizzati in circuiti d'aspirazione devono essere scelti accertandosi che la tubazione possa tollerare l'eventuale pressione negativa del circuito.

PRESSIONE DI SCOPPIO

Questi sono solo valori di collaudo ottenuti con tubazioni raccordate mai utilizzate e assemblate da meno di 30 giorni.

TEMPERATURA

Accertarsi che la temperatura di servizio del fluido da trasportare e la temperatura ambientale non superino i limiti del tubo. Particolare attenzione va prestata se il percorso della tubazione flessibile passa vicino a collettori caldi o metalli fusi.

COMPATIBILITÀ

La scelta del tubo deve rispettare la compatibilità del sottostrato, del rivestimento, del rinforzo e dei raccordi. Alcuni fluidi resistenti al fuoco necessitano dello stesso tubo impiegato per olio minerale. In alcuni casi può essere necessario impiegare una tubazione speciale.

Hose (and hose assemblies) has a limited life dependent on service conditions to which it is applied. Subjecting hose (and hose assemblies) to conditions more severe than the recommended limits significantly reduce service life. Exposure to combinations of recommended limits (i.e. continuous use at maximum rated working pressure, maximum recommended operating temperature and minimum bend radius) will also reduce service life.

PRESSURE

After determining the system pressure for a system, hose selection must be made so that the recommended maximum operating pressure specified by a given hose, is equal or greater than the maximum system pressure. Continuous use at maximum temperatures together with maximum pressures should always be avoided. Continuous use at or near the maximum temperature rating will cause a deterioration of physical properties of the tube and cover of most hose. This deterioration will reduce the service life of the hose. Pressure surges which exceed the maximum working pressure (pressure relief valve setting) affect the service life of system components, including a hose assembly and therefore need to be taken into consideration. Hoses used for suction lines must be selected to ensure the hose will withstand the potential negative pressure of the system.

BURST PRESSURE

These are test values only and applied to hose assemblies that have not been used and have been assembled for less than 30 days

TEMPERATURE

Care must be taken to ensure that the operating temperature of the fluid being conveyed and ambient temperatures do not exceed the limitations of the hose. Special care must be taken when routing near hot manifolds or molten metal.

COMPATIBILITY

Hose selection must assure compatibility of the hose tube, cover, reinforcement, and fittings. Some fire resistant fluids require the same hose as petroleum oil. In some case it could be necessary to use a special hose.

PERCORSO DEL CIRCUITO

Va curata in modo particolare la scelta del percorso in modo da minimizzare i problemi connessi. Fissare, proteggere o guidare il tubo utilizzando, se necessario, appositi morsetti in modo da minimizzare il rischio di danni dovuti a flessione eccessiva, colpi di frusta o semplice contatto con altre parti in movimento o comunque abrasive. Determinare lunghezze e configurazioni del tubo in modo da ottenere un percorso adeguato e protetto dal rischio di abrasione, intralcio o attorcigliamento ed eseguire raccordature idrauliche prive di perdite.

AMBIENTE

Assicurarsi che il tubo ed i raccordi siano compatibili con l'ambiente al quale sono esposti e al tempo stesso protetti dai suoi effetti. Le condizioni ambientali, ivi compresi, ma solo a titolo esemplificativo e non esaustivo, luce ultravioletta, calore, ozono, umidità, acqua, acqua salata, prodotti chimici e inquinanti dell'aria, possono provocare degrado e guasti precoci e vanno quindi tenute in considerazione.

RADIAZIONI ATOMICHE

Le radiazioni atomiche influenzano tutti i materiali utilizzati nei circuiti idraulici. Dato che gli effetti a lungo termine non sono noti evitare l'esposizione dei circuiti a radiazioni atomiche.

CARICHI MECCANICI

Forze esterne possono ridurre in modo significativo la durata del tubo. I carichi meccanici da tenere in considerazione comprendono eccessiva flessione, torsione, attorcigliamento, carichi longitudinali o trasversali raggi di curvatura e vibrazioni. L'uso di raccordi o adattatori girevoli può rendersi necessario per garantire che non venga esercitata sul tubo alcuna torsione. Per applicazioni insolite può essere necessario eseguire prove speciali prima di scegliere il tipo di tubo

ABRASIONE

Anche se un tubo è progettato con un'opportuna resistenza all'abrasione, occorre proteggere il tubo dall'eccessiva abrasione che può dar luogo ad erosione, strappi e tagli dello strato di copertura. L'esposizione del rinforzo accelerato in modo sensibile l'insorgere di guasti.

RACCORDERIA ADEGUATA

I tubi VITILLO, sono progettati per essere impiegati esclusivamente con i raccordi originali VITILLO.

L'impiego di raccordi, di terze parti può causare il malfunzionamento delle tubazioni con il conseguente rischio di perdite, oltre che danni alle apparecchiature e seri infortuni alle persone presenti.

ROUTING

Attention must be given to optimum routing to minimize inherent problems. Restrain, protect or guide hose with the use of clamps if necessary to minimize damages due to excessive flexing, whipping or contact with other moving parts or corrosives. Determine hose lengths and configurations that will result in proper routing and protection from abrasion, snagging or kinking and provide leak resistant connections.

ENVIRONMENT

Care must be taken to ensure that the hose and fittings are either compatible with or protected from the environment to which they are exposed. Environmental conditions including but not limited to ultraviolet light, heat, ozone, moisture, water, salt water, chemicals, and air pollutants can cause degradation and premature failure and, therefore, must be considered.

ATOMIC RADIATION

Atomic radiation affects all materials used in hose assemblies. Since the long-term effects may be unknown, do not expose hose assemblies to atomic radiation.

MECHANICAL LOADS

External forces can significantly reduce hose life. Mechanical loads which must be considered include excessive flexing, twist, kinking, tensile or side loads, bend radius, and vibration. Use of swivel type fittings or adaptors may be required to ensure no twist is put into the hose. Unusual applications may require special testing prior to hose selection

ABRASION

While a hose is designed with a reasonable level of abrasion resistance, care must be taken to protect the hose from excessive abrasion which can result in erosion, snagging, and cutting of the hose cover. Exposure of the reinforcement will significantly accelerate hose failure.

PROPER END FITTING

VITILLO hoses have been designed to be used exclusively with genuine VITILLO fittings.

Using third party fittings, may cause malfunctioning of hoses, with consequent risk of leakages of fluids, as well as damage to equipment and serious injury to persons nearby.

ISTRUZIONI PER LA MANUTENZIONE DI TUBO E RACCORDI

Anche con una giusta scelta ed una corretta installazione, la durata del tubo può essere seriamente ridotta in mancanza di un programma di manutenzione regolare. La frequenza degli interventi va determinata in base alla criticità dell'applicazione ed al potenziale di rischio. Va predisposto e rispettato un programma di manutenzione che comprenda almeno quanto segue:

ISPEZIONE VISIVA TUBO/RACCORDI

Ognuna delle seguenti condizioni richiede l'immediata messa fuori servizio e la sostituzione dei componenti del circuito: Copertura danneggiata, tagliata o abrasa (rinforzo esposto). Tubo duro, rigido, crepato o bruciacchiato. Raccordi crepati, danneggiati o corrosi. Perdite sui raccordi o sul tubo. Tubo attorcigliato, spaccato, schiacciato o in torsione. Rivestimento con bolle, sfibrato, degradato o allentato.

ISPEZIONE VISIVA SUL RESTO

Le seguenti parti devono essere serrate, riparate o sostituite secondo i casi: tenute con trafilamenti, fascette, protezioni, coperture, livello di fluido nell'impianto, tipo di fluido e bolle d'aria, eliminare qualsiasi accumulo di sporcizia in eccesso.

INTERVALLI DI SOSTITUZIONE

Vanno previsti specifici intervalli di sostituzione sulla base delle precedenti durate, delle raccomandazioni di legge e di settore industriale oppure quando eventuali guasti possono provocare fermi lavoro inaccettabili, danni od infortuni

HOSE AND FITTING MAINTENANCE INSTRUCTIONS

Even with proper selection and installation, hose life may be significantly reduced without a continuing maintenance program. Frequency should be determined by the severity of the application and risk potential. A maintenance program must be established and followed to include the following as a minimum:

VISUAL INSPECTION HOSE/FITTING

Any of the following conditions require immediate shut down and replacement of the hose assembly: Damaged, cut or abraded cover (any reinforcement exposed). Hard, stiff, heat cracked, or charred hose. Cracked, damaged, or badly corroded fittings. Leaks at the fitting or in the hose. Kinked, crushed, flattened or twisted hose. Blistered, soft, degraded, or loose cover.

VISUAL INSPECTION ALL OTHER

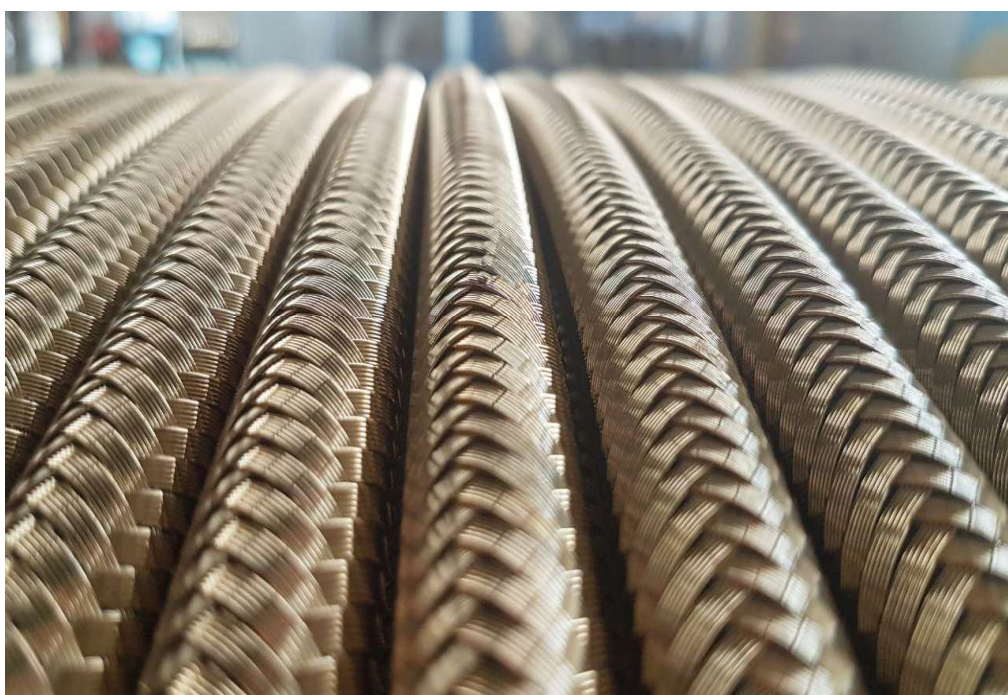
The following items must be tightened, repaired or replaced as required: Leaking port conditions, clamp, guards, shields, system fluid level, fluid type and any air entrapment. Remove excess dirt build - up.

REPLACEMENT INTERVALS

Specific replacement intervals must be considered based on previous service life, government or industry recommendations.

Le quote ed i dati tecnici riportati nelle tabelle di questo catalogo sono soltanto indicative.
La VITILLO si riserva il diritto di apportare variazioni tecniche, dimensionali ed estetiche ai propri prodotti senza darne preavviso.

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