

Hydraulic Fittings

C A T A L O G U E



Vitillo

Hydraulic Components

VISIONARY
PROFESSIONAL
CREATIVE
DYNAMIC
LEADER
RELIABLE
INNOVATIVE

HYDRAULIC FITTINGS



CATALOGUE



The Vitillo Group, founded in 1991 by the Vitillo family, is now a leading reality in the **hydraulic field**, able to provide customers a **complete service** for **engineering, design, production** and **distribution** of **fittings** and **adapters** (in stainless steel and carbon steel with CRIII or Zn-Ni treatment), **rigid pipes** and **flexible hoses** for high and medium pressure and integrated hydraulic systems (flexible, rigid assemblies, manifold blocks).

RANGE

One of the strong points of the Group is the **width** and **completeness** of the offered product range.

An highly qualified engineering staff is able to respond to specific requirements with **customized** and **optimized** products too.

+35.000 different products processed

MARKET

The products offered are used in **various industrial fields**: agriculture, earthmoving, nautical, construction, cargo handling, aerospace applications, energy industry and many others. The Group's products are distributed directly through logistics and distribution centers, but also through business partners. The presence in major and strategic importance areas ensures an **optimal market coverage**.

+50 Countries around the World supplied

PRODUCTION

Vitillo Group has always stood out for the high quality of its products. For this reason, **every phase of the production and distribution chain** is managed internally and strictly controlled. Total control of the hose-fitting system from the creation of the compound to the production of the hoses, from molding (hot and cold) to turning, up to the galvanic treatment of the fittings, is the **key to excellence**.

12 Production plants

5 Distribution Centers

3 Bending and Assembly Centers

1 R&D Innovation Center

1991

Vitillo S.p.A. was founded

2001

-

2005

The production of **adapters** for rigid pipes and of braided and spiral hoses complements the production of **fittings for flexible hoses**

2006

Centro Mescole Sud S.p.A. is acquired. Production of **rubber hose compounds** is internalized in order to improve quality and protect the know-how generated

2008

-

2015

The **internationalization of the Group** is started with the establishment of:

- **Vitek Doo**, a Macedonian company specializing in hose production, and distribution centers:
- **Vitillo U.S.A.**
- **Vitillo Germany**
- **Vitillo Poland**

2018

Vitillo R&D Innovation Center, an advanced laboratory for research, continuous improvement and product testing, is born

2019

Bijuk, a Croatian company specialized in the production of fittings and adapters in stainless steel is acquired

2021

Osca Sistemas, a Spanish company specialized in the production of shaped rigid pipes, assembled hydraulic hoses and manifold blocks is acquired

PRODUCT RANGE

*Available in:
Cr III
Zn-Ni
Stainless Steel

*HYDRAULIC FITTINGS
ISO 12151 - SAE J516

*DIN 24° ADAPTERS
DIN 2353

*JIC ADAPTERS
SAE J 514

*BSP ADAPTERS
BSP 5200

*ORFS ADAPTERS
ORFS J1453

HYDRAULIC HOSES
Braided - spiral - special hoses

SHAPED RIGID PIPES

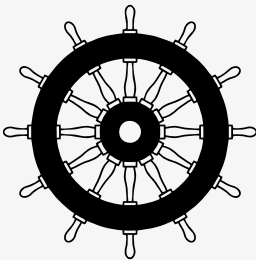
Vitillo is the ideal solution for any hydraulic application. Spiral and braided hoses with metal and textile reinforcement, rigid pipes, standard, interlock and hyperspiral press fittings, all types of adapters, and custom specialty fittings. All our fittings and adapters are available with Zinc Chromium III or Zinc-Nickel surface treatments or in stainless steel.

WHATEVER YOUR NEEDS, VITILLO HAS THE SOLUTION.

APPLICATIONS



CERTIFICATIONS



Marine Equipment Directive (MED)



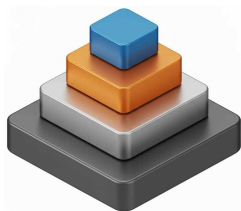
- 9001 : 2015
- 45001 : 2018
- 14001 : 2015
- 10012 : 2003



AC 149

ALTERNATIVE VERSIONS

Vitillo manufactures all its fittings and adapters in three different versions, offering increasing levels of corrosion resistance: **carbon steel with Cr(III) zinc treatment**, **carbon steel with zinc-nickel treatment**, and **stainless steel**.



Passivation Sealing layer
Carbon steel Zn-Cr(III)

Zn-Cr(III)

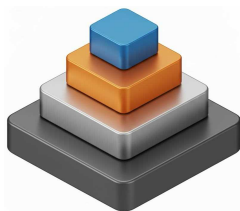
Specifications

The total layer thickness is 8-20µm.
Very bright metallic gray color.

Corrosion resistance

- Resistance to white rust: ≥ 200 hours*
- Resistance to red rust: ≥ 400 hours*

*Salt spray test according to DIN EN ISO 9227



Passivation Sealing layer
Carbon steel Zn-Ni

Zn-Ni

Specifications

The total layer thickness is 8-20µm at a nickel content in a basic layer of 12-16%.
Controlled coefficient of friction.
Very bright metallic gray color.

Corrosion resistance

- Resistance to red rust: > 2000 hours* in not crimping state
- Resistance to red rust: > 1000 hours* in crimping state



Stainless Steel

Stainless Steel

Specifications

AISI 316 offers excellent weldability, intergranular corrosion resistance (even when welded), ductility, and workability.

Corrosion resistance:

Maximum corrosion resistance even after welding at temperatures up to 800°C



FITTINGS RANGE

The Vitillo hydraulic fittings range is divided into three main families:



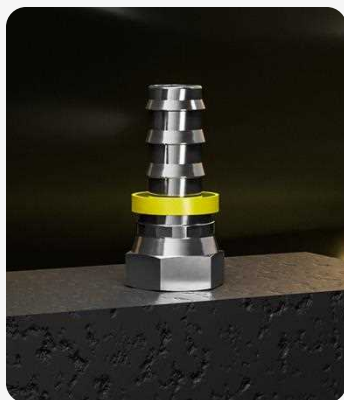
Two-pieces fittings

Two-pieces fittings are our core business and meet most international standards as well as specific customer requirements. This product family is further divided into: **Standard fittings** (no-skive and skive solutions for braided and spiral hoses), **Interlock fittings** (double-skive solutions for maximum safety with high-pressure hoses), **HyperSpiral fittings** (no-skive solutions for spiral hoses up to 420 bar).



One-piece fittings

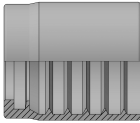
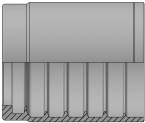
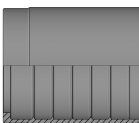
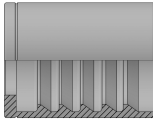
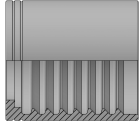
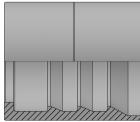
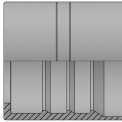
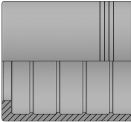
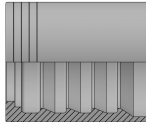
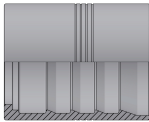
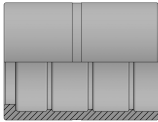
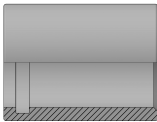
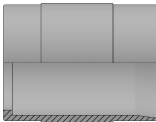
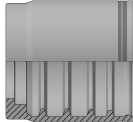
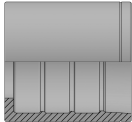
One-piece fittings are the best solution for those seeking simplicity of choice and ease of assembly. This type of fitting is suitable for basic applications and quick assembly.



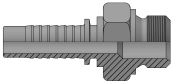
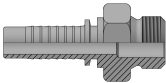
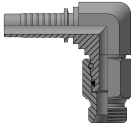
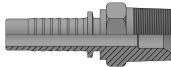
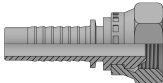
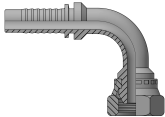
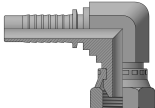
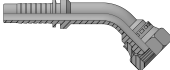
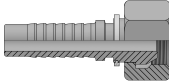
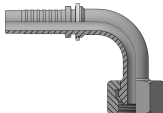
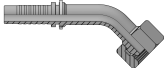
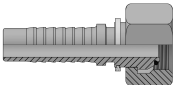
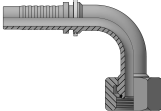
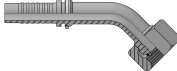
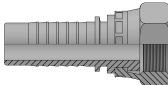
Push Lock fittings

Push Lock fittings offer a simple and efficient system for quick hose assembly, allowing direct insertion into the hose without special tools, clamps, or crimping. They are ideal for low-pressure hydraulic and pneumatic circuits and they significantly reduced assembly times. A key advantage is their ease of use and rapid configuration even on-site.

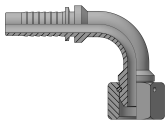
FERRULES (STANDARD)

FERRULE FOR 15N/25N/25C (no skive) PAG. 13	FERRULE FOR 15C/15N/25C (no skive) PAG. 14	FERRULE FOR 15C-SLIM-R17-R7-R6 1TE/2TE (no skive) PAG. 15	FERRULE FOR 15N/R1AT (no skive) PAG. 16	FERRULE FOR 25N/R2AT (no skive) PAG. 17
				
FERRULE FOR 15T/R1A (skive) PAG. 18	FERRULE FOR 25T/R2A (skive) PAG. 19	FERRULE FOR R3-R4 (no skive) PAG. 20	FERRULE FOR R9R-4SP (skive) PAG. 21	FERRULE FOR 4SH (skive) PAG. 22
				
FERRULE FOR R7/MTH 1/ R6 (no skive) PAG. 23	FERRULE FOR PTFE (no skive) PAG. 24	FERRULE FOR PTFE CORRUGATED PAG. 25	FERRULE FOR SPIRAL HOSES (no skive) PAG. 26	FERRULE FOR R6-1TE (no skive) PAG. 27
				

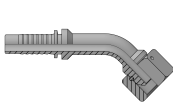
BSP - BSPT (STANDARD)

BSPP MALE 60° CONE PAG. 28	BSPP MALE (FLAT SEAT) PAG. 30	BSPP 90° SWIVEL COMPACT 60° CONE PAG. 31	BSPT TAPERED MALE PAG. 32	BSPP FEMALE 60° CONE PAG. 33
				
BSPP FEMALE 60° CONE - 90° ELBOW PAG. 35	BSPP FEMALE - 90° ELBOW (COMPACT FORGED) PAG. 37	BSPP FEMALE 60° CONE - 45° ELBOW PAG. 38	BSPP FEMALE (SLIP-ON NUT) PAG. 40	BSPP FEMALE - 90° ELBOW (SLIP-ON NUT) PAG. 41
				
BSPP FEMALE - 45° ELBOW (SLIP-ON NUT) PAG. 42	BSPP FEMALE (SLIP-ON NUT WITH ORING) PAG. 43	BSPP FEMALE - 90° ELBOW (SLIP-ON NUT) WITH ORING PAG. 44	BSPP FEMALE - 45° ELBOW (SLIP-ON NUT) WITH ORING PAG. 45	BSPP FEMALE (THRUST-WIRE NUT) PAG. 46
				

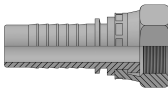
**BSPP FEMALE - 90°
ELBOW (THRUST-WIRE
NUT)**
PAG. 48



**BSPP FEMALE - 45°
ELBOW (THRUST-WIRE
NUT)**
PAG. 50

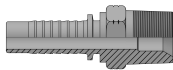


BSPP FEMALE (FLAT SEAT)
PAG. 52

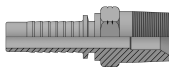


NPT (STANDARD)

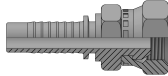
NPTF MALE
PAG. 53



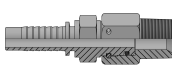
NPTF MALE - LONG NOSE
PAG. 54



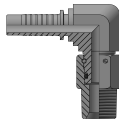
NPSM FEMALE
PAG. 55



NPTF SWIVEL MALE
PAG. 56

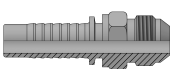


**NPTF SWIVEL MALE 90°
ELBOW (COMPACT
FORGED)**
PAG. 57

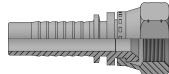


JIC (STANDARD)

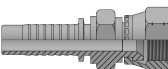
JIC 37° MALE
PAG. 58



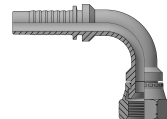
JIC 37° FEMALE
PAG. 60



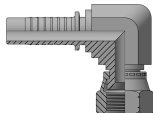
**JIC 37° FEMALE (DOUBLE
HEXAGON)**
PAG. 62



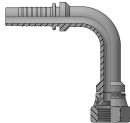
**JIC 37° FEMALE - 90°
ELBOW**
PAG. 64



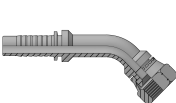
**JIC 37° FEMALE - 90°
ELBOW (COMPACT
FORGED)**
PAG. 66



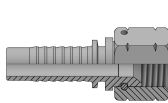
**JIC 37° FEMALE - 90°
ELBOW (LONG DROP)**
PAG. 67



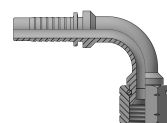
**JIC 37° FEMALE - 45°
ELBOW**
PAG. 68



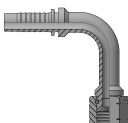
**JIC 37° FEMALE - THRUST
WIRE NUT**
PAG. 70



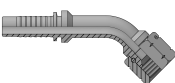
**JIC 37° FEMALE - 90°
ELBOW - THRUST WIRE
NUT**
PAG. 72



**JIC 37° FEMALE - 90°
ELBOW LONG DROP -
THRUST WIRE NUT**
PAG. 74

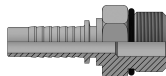


**JIC 37° FEMALE - 45°
ELBOW - THRUST WIRE
NUT**
PAG. 75

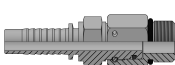


SAE (STANDARD)

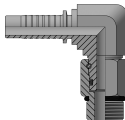
O-RING BOSS MALE
PAG. 77



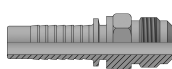
**O-RING BOSS SWIVEL
MALE**
PAG. 78



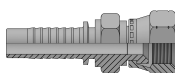
**SAE 90° SWIVEL MALE O-
RING BOSS (COMPACT
FORGED)**
PAG. 79



SAE 45° MALE
PAG. 80

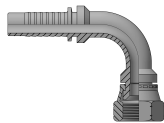


**SAE 45° FEMALE (DOUBLE
HEXAGON)**
PAG. 81



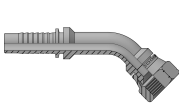
SAE 45° FEMALE - 90° ELBOW

PAG. 82



SAE 45° FEMALE - 45° ELBOW

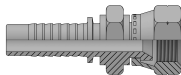
PAG. 83



JIS (STANDARD)

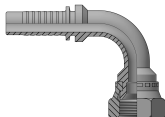
KOMATSU STYLE METRIC FEMALE

PAG. 84



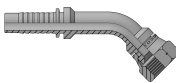
KOMATSU STYLE FEMALE - 90° ELBOW

PAG. 85



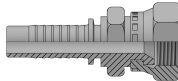
KOMATSU STYLE FEMALE - 45° ELBOW

PAG. 86



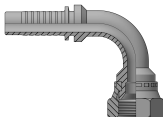
TOYOTA STYLE FEMALE

PAG. 87



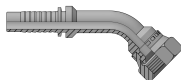
TOYOTA STYLE FEMALE - 90° ELBOW

PAG. 88



TOYOTA STYLE FEMALE - 45° ELBOW

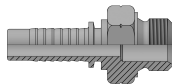
PAG. 89



METRIC (STANDARD)

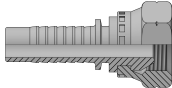
METRIC MALE 60° CONE

PAG. 90



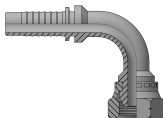
METRIC FEMALE - 60° CONE

PAG. 92



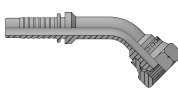
METRIC FEMALE - 90° ELBOW

PAG. 94



METRIC FEMALE - 45° ELBOW

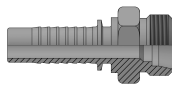
PAG. 96



METRIC DIN (STANDARD)

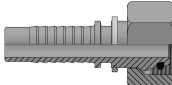
METRIC MALE 24° CONE - L TYPE

PAG. 98



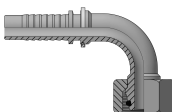
METRIC FEMALE 24° CONE - L TYPE

PAG. 99



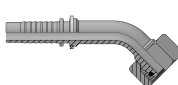
METRIC FEMALE 24° CONE - 90° ELBOW - L TYPE

PAG. 101



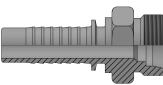
METRIC FEMALE 24° CONE - 45° ELBOW - L TYPE

PAG. 102



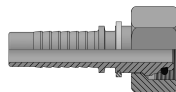
METRIC MALE 24° CONE - S TYPE

PAG. 103



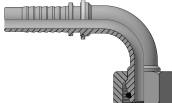
METRIC FEMALE 24° CONE - S TYPE

PAG. 105



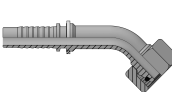
METRIC FEMALE 24° CONE - 90° ELBOW - S TYPE

PAG. 107



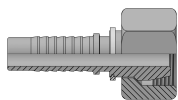
METRIC FEMALE 24° CONE - 45° ELBOW - S TYPE

PAG. 108



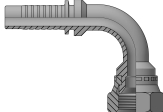
FEMALE METRIC LIGHT SERIES FOR 24° OR 60° CONE

PAG. 109

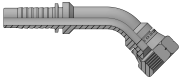


FEMALE METRIC - 45° ELBOW LIGHT SERIES FOR 24° OR 60° CONE

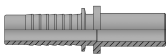
PAG. 110



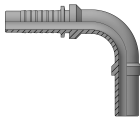
**FEMALE METRIC - 90°
ELBOW LIGHT SERIES FOR
24° OR 60° CONE**
PAG. 111



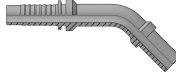
STANDPIPE
PAG. 112



STANDPIPE 90°
PAG. 114



STANDPIPE 45°
PAG. 115



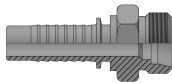
**METRIC MALE FOR
AGRICULTURE VALVES**
PAG. 116



KOBELCO (STANDARD)

KOBELCO MALE 24° CONE

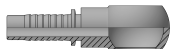
PAG. 117



BANJO (STANDARD)

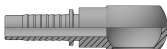
BSP BANJO

PAG. 118



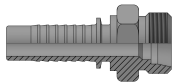
METRIC BANJO

PAG. 119

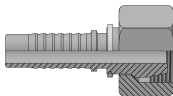


METRIC FRENCH (STANDARD)

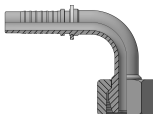
**METRIC MALE 24° CONE -
FRENCH TYPE**
PAG. 121



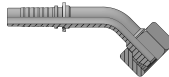
**METRIC FEMALE 24° CONE
- FRENCH TYPE**
PAG. 122



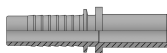
**METRIC FEMALE 24° CONE
- 90° ELBOW - FRENCH
TYPE**
PAG. 123



**METRIC FEMALE 24° CONE
- 45° ELBOW - FRENCH
TYPE**
PAG. 124

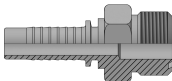


STANDPIPE FRENCH TYPE
PAG. 125

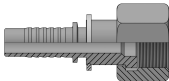


ORFS (STANDARD)

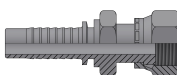
ORFS MALE
PAG. 126



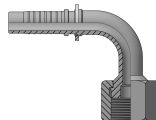
ORFS FEMALE
PAG. 127



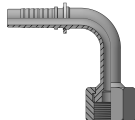
**ORFS FEMALE (DOUBLE
HEXAGON)**
PAG. 128



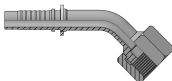
**ORFS FEMALE SWIVEL -
90° ELBOW**
PAG. 129



**ORFS FEMALE SWIVEL -
90° ELBOW - LONG DROP**
PAG. 130



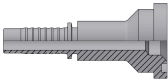
**ORFS FEMALE SWIVEL -
45° ELBOW**
PAG. 131



FLANGES (STANDARD)

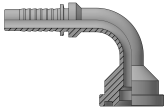
**FLANGE CODE 61 - 3000
PSI**

PAG. 132



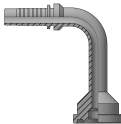
**FLANGE CODE 61 - 3000
PSI - 90° ELBOW**

PAG. 133



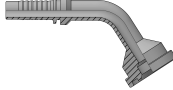
**FLANGE CODE 61 - 3000
PSI - 90° ELBOW (LONG
DROP)**

PAG. 134



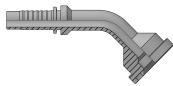
**FLANGE CODE 61 - 3000
PSI - 60° ELBOW**

PAG. 135



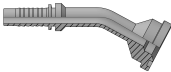
**FLANGE CODE 61 - 3000
PSI - 45° ELBOW**

PAG. 136



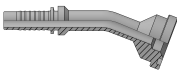
**FLANGE CODE 61 - 3000
PSI - 30° ELBOW**

PAG. 137



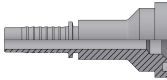
**FLANGE CODE 61 - 3000
PSI - 22.5° ELBOW**

PAG. 138



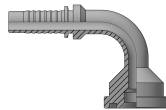
**FLANGE CODE 62 - 6000
PSI**

PAG. 139



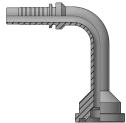
**FLANGE CODE 62 - 6000
PSI - 90° ELBOW**

PAG. 140



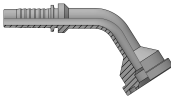
**FLANGE CODE 62 - 6000
PSI - 90° ELBOW (LONG
DROP)**

PAG. 141



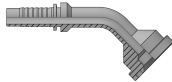
**FLANGE CODE 62 - 6000
PSI - 60° ELBOW**

PAG. 142



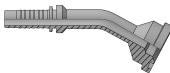
**FLANGE CODE 62 - 6000
PSI - 45° ELBOW**

PAG. 143



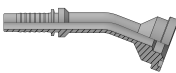
**FLANGE CODE 62 - 6000
PSI - 30° ELBOW**

PAG. 144



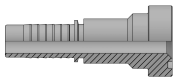
**FLANGE CODE 62 - 6000
PSI - 22.5° ELBOW**

PAG. 145



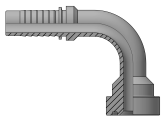
SUPERCAT FLANGE

PAG. 146



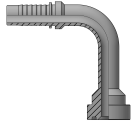
**SUPERCAT FLANGE - 90°
ELBOW**

PAG. 147



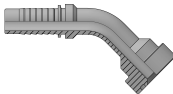
**SUPERCAT FLANGE - 90°
ELBOW (LONG DROP)**

PAG. 148



**SUPERCAT FLANGE - 45°
ELBOW**

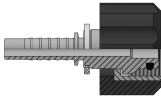
PAG. 149



HIGH PRESSURE CLEANING (STANDARD)

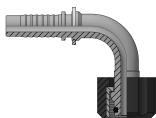
**WATERJET CLEANER
FEMALE - FK TYPE**

PAG. 150



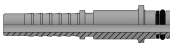
**WATERJET CLEANER
FEMALE - 90° elbow - FK
TYPE**

PAG. 151



**PISTOL WASH CLEANER
JUNCTION**

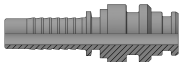
PAG. 152



STAPLE LOCK (STANDARD)

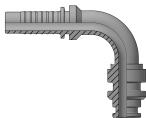
STAPLE-LOCK MALE

PAG. 153



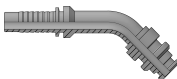
**STAPLE-LOCK MALE - 90°
ELBOW**

PAG. 154



**STAPLE-LOCK MALE - 45°
ELBOW**

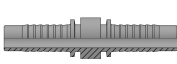
PAG. 155



OTHERS (STANDARD)

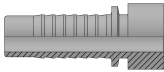
DOUBLE CONNECTOR

PAG. 156



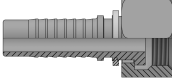
BRAZING TAIL

PAG. 157



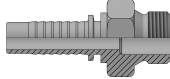
WHITWORTH CO2 FEMALE

PAG. 158



WHITWORTH CO2 MALE

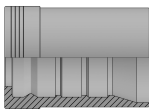
PAG. 159



FERRULES (INTERLOCK)

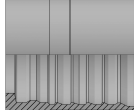
INTERLOCK FERRULE FOR 4SH

PAG. 160



INTERLOCK FERRULE FOR R13/R15

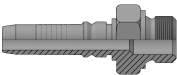
PAG. 161



BSP (INTERLOCK)

INTERLOCK BSPP MALE

PAG. 162



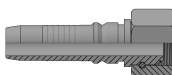
INTERLOCK BSPT MALE

PAG. 163



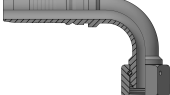
INTERLOCK BSPP FEMALE (O-RING) - THURST-WIRE NUT

PAG. 164



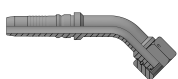
INTERLOCK BSPP FEMALE 90° (O-RING) - THURST-WIRE NUT

PAG. 165



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

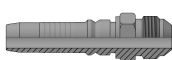
PAG. 166



JIC (INTERLOCK)

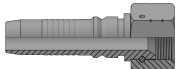
INTERLOCK JIC 37° MALE

PAG. 167



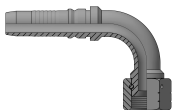
INTERLOCK JIC 37° FEMALE

PAG. 168



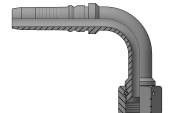
INTERLOCK JIC 37° FEMALE - 90°

PAG. 169



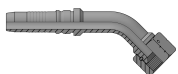
INTERLOCK JIC 37° FEMALE - 90° ELBOW (LONG DROP)

PAG. 170



INTERLOCK JIC 37° FEMALE - 45° ELBOW

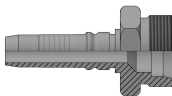
PAG. 171



METRIC DIN (INTERLOCK)

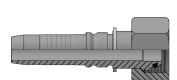
INTERLOCK METRIC MALE 24° CONE - S TYPE

PAG. 172



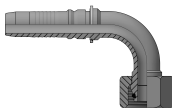
INTERLOCK METRIC FEMALE 24° CONE - S TYPE

PAG. 173



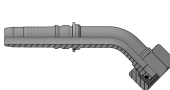
INTERLOCK METRIC FEMALE 24° CONE - 90° - S TYPE

PAG. 174



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

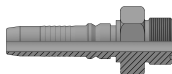
PAG. 175



ORFS (INTERLOCK)

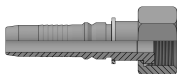
INTERLOCK ORFS MALE

PAG. 176



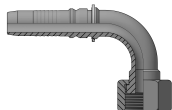
INTERLOCK ORFS FEMALE

PAG. 177



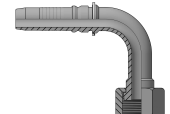
INTERLOCK ORFS FEMALE - 90° ELBOW

PAG. 178



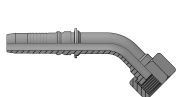
INTERLOCK ORFS FEMALE - 90° ELBOW (LONG DROP)

PAG. 179



INTERLOCK ORFS FEMALE - 45° ELBOW

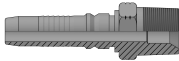
PAG. 180



NPT (INTERLOCK)

INTERLOCK NPTF MALE

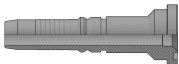
PAG. 181



FLANGES (INTERLOCK)

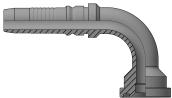
INTERLOCK FLANGE CODE
61 - 3000 PSI

PAG. 182



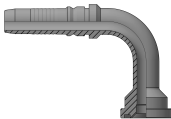
INTERLOCK FLANGE CODE
61 - 3000 PSI - 90° ELBOW

PAG. 183



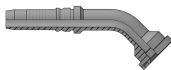
INTERLOCK FLANGE CODE
61 - 3000 PSI - 90° ELBOW
(LONG DROP)

PAG. 184



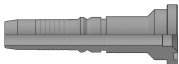
INTERLOCK FLANGE CODE
61 - 3000 PSI - 45° ELBOW

PAG. 185



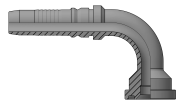
INTERLOCK FLANGE CODE
62 - 6000 PSI

PAG. 186



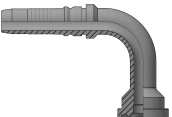
INTERLOCK FLANGE CODE
62 - 6000 PSI - 90° ELBOW

PAG. 187



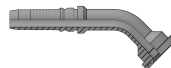
INTERLOCK FLANGE CODE
62 - 6000 PSI - 90° ELBOW
(LONG DROP)

PAG. 188



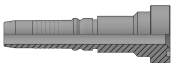
INTERLOCK FLANGE CODE
62 - 6000 PSI - 45° ELBOW

PAG. 189



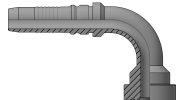
INTERLOCK SUPERCAT
FLANGE

PAG. 190



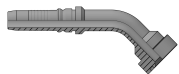
INTERLOCK SUPERCAT
FLANGE - 90° ELBOW

PAG. 191



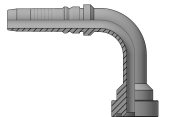
INTERLOCK SUPERCAT
FLANGE - 45° ELBOW

PAG. 192



INTERLOCK SUPERCAT
FLANGE - 90° ELBOW
(LONG DROP)

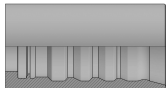
PAG. 193



WATERBLAST (INTERLOCK)

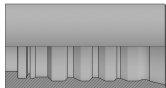
FERRULE FOR
WATERBLAST 4 SPIRAL
HOSE

PAG. 194



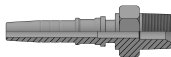
FERRULE FOR
WATERBLAST 6 SPIRAL
HOSE

PAG. 195



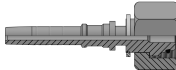
INTERLOCK NPTF MALE
FOR WATERBLAST HOSE

PAG. 196



INTERLOCK METRIC
FEMALE FOR WATERBLAST
HOSE

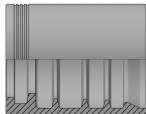
PAG. 197



FERRULES (HYPERSPIRAL)

HyperSpiral FERRULE FOR
SPIRAL HOSE

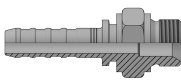
PAG. 198



BSP (HYPERSPIRAL)

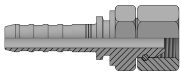
**HyperSpiral BSPP MALE
60° CONE**

PAG. 199



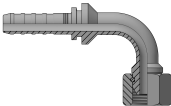
**HyperSpiral BSPP FEMALE
60° CONE THRUST-WIRE
NUT**

PAG. 200



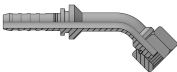
**HyperSpiral BSPP FEMALE
90° ELBOW THRUST-WIRE
NUT**

PAG. 201



**HyperSpiral BSPP FEMALE
45° ELBOW THRUST-WIRE
NUT**

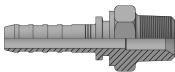
PAG. 202



NPTF (HYPERSPIRAL)

HyperSpiral NPTF MALE

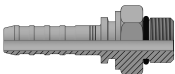
PAG. 203



SAE (HYPERSPIRAL)

**HyperSpiral O-RING BOSS
MALE**

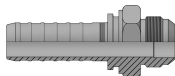
PAG. 204



JIC (HYPERSPIRAL)

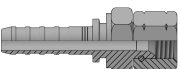
HyperSpiral JIC 37° MALE

PAG. 205



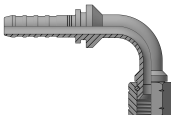
**HyperSpiral JIC 37°
FEMALE THRUST WIRE
NUT**

PAG. 206



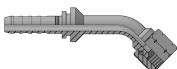
**HyperSpiral JIC 37°
FEMALE - 90° ELBOW
THRUST WIRE NUT**

PAG. 207



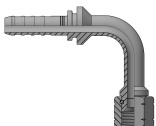
**HyperSpiral JIC 37°
FEMALE - 45° ELBOW
THRUST WIRE NUT**

PAG. 208



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

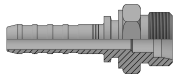
PAG. 209



METRIC DIN (HYPERSPIRAL)

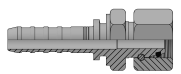
**HyperSpiral METRIC MALE
24° CONE - L TYPE**

PAG. 210



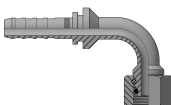
**HyperSpiral METRIC
FEMALE 24° CONE - L TYPE**

PAG. 211



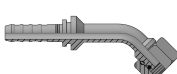
**HyperSpiral METRIC
FEMALE 24° CONE - 90°
ELBOW - L TYPE**

PAG. 212



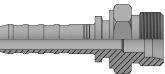
**HyperSpiral METRIC
FEMALE 24° CONE - 45°
ELBOW - L TYPE**

PAG. 213



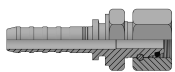
**HyperSpiral METRIC MALE
24° CONE - S TYPE**

PAG. 214



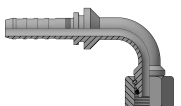
**HyperSpiral METRIC
FEMALE 24° CONE - S TYPE**

PAG. 215



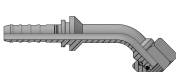
**HyperSpiral METRIC
FEMALE 24° CONE - 90°
ELBOW - S TYPE**

PAG. 216



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

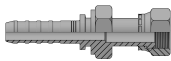
PAG. 217



ORFS (HYPERSPIRAL)

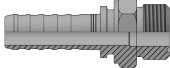
HyperSpiral ORFS FEMALE
(DOUBLE HEXAGON)

PAG. 218



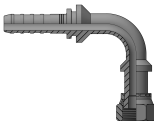
HyperSpiral ORFS MALE

PAG. 219



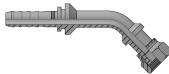
HyperSpiral ORFS FEMALE
SWIVEL 90° ELBOW

PAG. 220



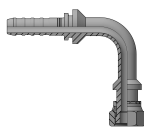
HyperSpiral ORFS FEMALE
SWIVEL 45° ELBOW

PAG. 221



HyperSpiral ORFS FEMALE
SWIVEL 90° ELBOW LONG
DROP

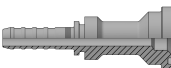
PAG. 222



FLANGES (HYPERSPIRAL)

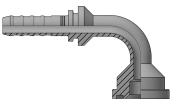
HyperSpiral FLANGE CODE
61 - 3000 PSI

PAG. 223



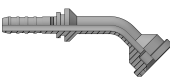
HyperSpiral FLANGE CODE
61 - 3000 PSI - 90° ELBOW

PAG. 224



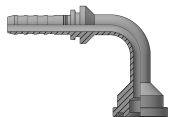
HyperSpiral FLANGE CODE
61 - 3000 PSI - 45° ELBOW

PAG. 225



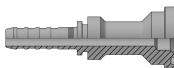
HyperSpiral FLANGE CODE
61 - 3000 PSI - 90° ELBOW
LONG DROP

PAG. 226



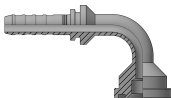
HyperSpiral FLANGE CODE
62 - 6000 PSI

PAG. 227



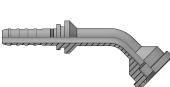
HyperSpiral FLANGE CODE
62 - 6000 PSI - 90° ELBOW

PAG. 228



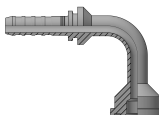
HyperSpiral FLANGE CODE
62 - 6000 PSI - 45° ELBOW

PAG. 229



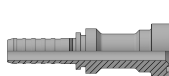
HyperSpiral FLANGE CODE
62 - 6000 PSI - 90° ELBOW
(LONG DROP)

PAG. 230



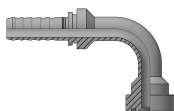
HyperSpiral SUPERCAT
FLANGE

PAG. 231



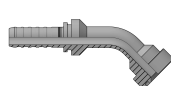
HyperSpiral SUPERCAT
FLANGE - 90° ELBOW

PAG. 232



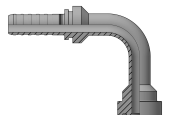
HyperSpiral SUPERCAT
FLANGE - 45° ELBOW

PAG. 233



HyperSpiral SUPERCAT
FLANGE - 90° ELBOW
LONG DROP

PAG. 234



BSP (PUSH-LOCK)

Pushlock BSPP MALE 60°
CONE

PAG. 235



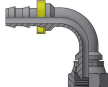
Pushlock BSPP FEMALE -
60° CONE

PAG. 236



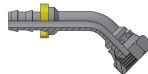
Pushlock BSPP FEMALE -
60° CONE - 90° ELBOW

PAG. 237



Pushlock BSPP FEMALE -
60° CONE - 45° ELBOW

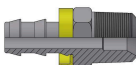
PAG. 238



BSPT (PUSH-LOCK)

Pushlock BSPT TAPERED
MALE

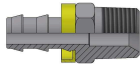
PAG. 239



NPTF (PUSH-LOCK)

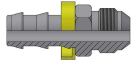
Pushlock NPTF MALE

PAG. 240



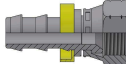
Pushlock JIC 37° MALE

PAG. 241



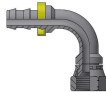
Pushlock JIC 37° FEMALE

PAG. 242



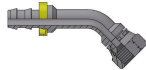
Pushlock JIC 37° FEMALE - 90° ELBOW

PAG. 243



Pushlock JIC 37° FEMALE - 45° ELBOW

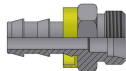
PAG. 244



DIN (PUSH-LOCK)

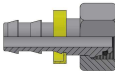
Pushlock METRIC MALE 24° CONE - L TYPE

PAG. 245



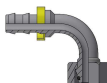
Pushlock METRIC FEMALE 24° CONE - L TYPE

PAG. 246



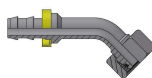
Pushlock METRIC FEMALE 24° CONE - 90° ELBOW - L TYPE

PAG. 247



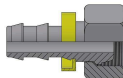
Pushlock METRIC FEMALE 24° CONE - 45° ELBOW - L TYPE

PAG. 248



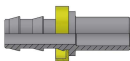
Pushlock METRIC FEMALE 24° / 60° CONE

PAG. 249



Pushlock STANDPIPE METRICO

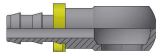
PAG. 250



BANJO (PUSH-LOCK)

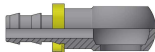
Pushlock BSP BANJO

PAG. 251



Pushlock METRIC BANJO

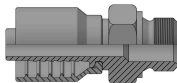
PAG. 252



BSP - BSPT (ONE-PIECE)

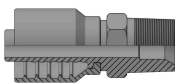
ONE-PIECE BSPP MALE 60° CONE

PAG. 253



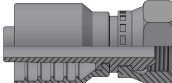
ONE-PIECE BSPT TAPERED MALE

PAG. 255



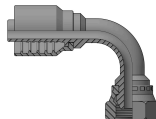
ONE-PIECE BSPP FEMALE 60° CONE

PAG. 256



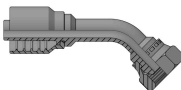
ONE-PIECE BSPP FEMALE 60° CONE - 90° ELBOW

PAG. 258



ONE-PIECE BSPP FEMALE 60° CONE - 45° ELBOW

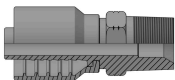
PAG. 260



NPT (ONE-PIECE)

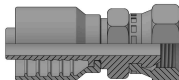
ONE-PIECE NPTF MALE

PAG. 262



ONE-PIECE NPSM FEMALE

PAG. 263



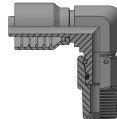
ONE-PIECE NPTF SWIVEL MALE

PAG. 264



ONE-PIECE NPTF SWIVEL MALE 90° ELBOW (COMPACT FORGED)

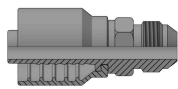
PAG. 265



JIC (ONE-PIECE)

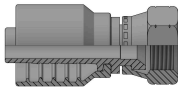
ONE-PIECE JIC 37° MALE

PAG. 266



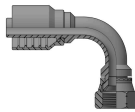
ONE-PIECE JIC 37° FEMALE

PAG. 268



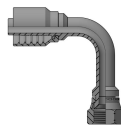
ONE-PIECE JIC 37° FEMALE
- 90° ELBOW

PAG. 270



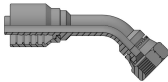
ONE-PIECE JIC 37° FEMALE
- 90° ELBOW (LONG DROP)

PAG. 272



ONE-PIECE JIC 37° FEMALE
- 45° ELBOW

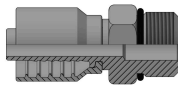
PAG. 273



SAE (ONE-PIECE)

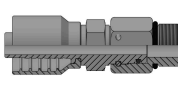
ONE-PIECE O-RING BOSS
MALE

PAG. 275



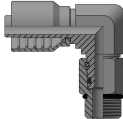
ONE-PIECE O-RING BOSS
FEMALE

PAG. 276



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

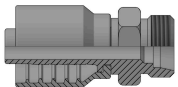
PAG. 277



METRIC DIN (ONE-PIECE)

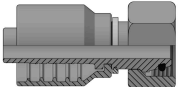
ONE-PIECE METRIC MALE
24° CONE - L TYPE

PAG. 278



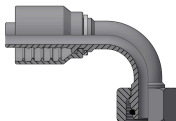
ONE-PIECE METRIC
FEMALE 24° CONE - L TYPE

PAG. 279



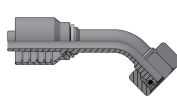
ONE-PIECE METRIC
FEMALE 24° CONE - 90°
ELBOW - L TYPE

PAG. 281



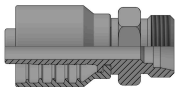
ONE-PIECE METRIC
FEMALE 24° CONE - 45°
ELBOW - L TYPE

PAG. 282



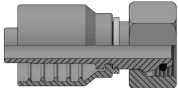
ONE-PIECE METRIC MALE
24° CONE - S TYPE

PAG. 283



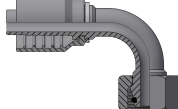
ONE-PIECE METRIC
FEMALE 24° CONE - S TYPE

PAG. 285



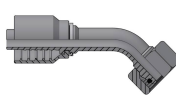
ONE-PIECE METRIC
FEMALE 24° CONE - 90°
ELBOW - S TYPE

PAG. 287



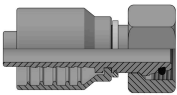
ONE-PIECE METRIC
FEMALE 24° CONE - 45°
ELBOW - S TYPE

PAG. 288



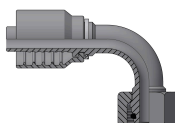
ONE-PIECE FEMALE
METRIC LIGHT SERIES FOR
24° OR 60° CONE

PAG. 289



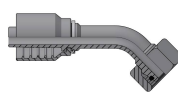
ONE-PIECE FEMALE
METRIC - 90° ELBOW
LIGHT SERIES FOR 24° OR
60° C...

PAG. 290



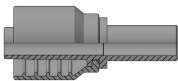
ONE-PIECE FEMALE
METRIC - 45° ELBOW
LIGHT SERIES FOR 24° OR
60° C...

PAG. 291



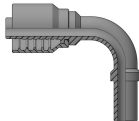
ONE-PIECE STANDPIPE

PAG. 292



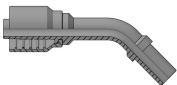
ONE-PIECE STANDPIPE 90°

PAG. 294



ONE-PIECE STANDPIPE 45°

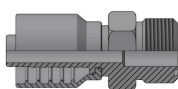
PAG. 295



ORFS (ONE-PIECE)

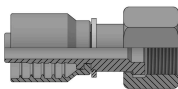
ONE-PIECE ORFS MALE

PAG. 296



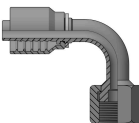
ONE-PIECE ORFS FEMALE

PAG. 297



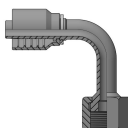
ONE-PIECE ORFS FEMALE
SWIVEL - 90° ELBOW

PAG. 298



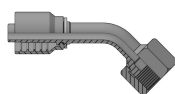
ONE-PIECE ORFS FEMALE
SWIVEL - 90° ELBOW -
LONG DROP

PAG. 299



ONE-PIECE ORFS FEMALE
SWIVEL - 45° ELBOW

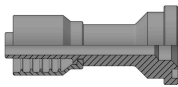
PAG. 300



FLANGES (ONE-PIECE)

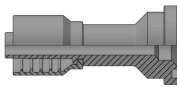
ONE-PIECE FLANGE CODE
61 - 3000 PSI

PAG. 301



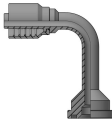
ONE-PIECE FLANGE CODE
61 - 3000 PSI - 90° ELBOW

PAG. 302



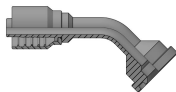
ONE-PIECE FLANGE CODE
61 - 3000 PSI - 90° ELBOW
(LONG DROP)

PAG. 303



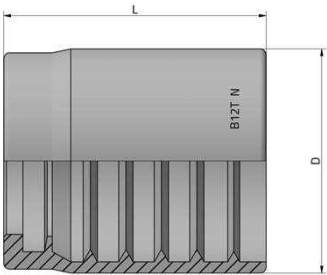
ONE-PIECE FLANGE CODE
61 - 3000 PSI - 45° ELBOW

PAG. 304



FERRULE FOR 1SN/2SN/2SC (no skive)

BOCCOLA PER TUBO 1SN/2SN/2SC



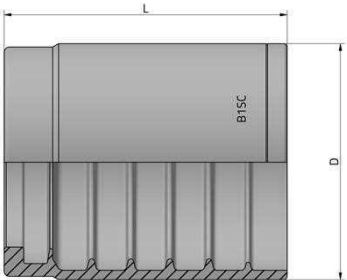
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B12T03N	3	4,8	3/16	21	23
B12T04N	4	6,4	1/4	23	30
B12T05N	5	7,9	5/16	24	30
B12T06N	6	9,5	3/8	26	32
B12T08N	8	12,5	1/2	29	34
B12T10N	10	16	5/8	33	37
B12T12N	12	19	3/4	37	42
B12T16N	16	25,4	1	46	51
B12T20N	20	31,8	1 1/4	59	59
B12T24N	24	38,1	1 1/2	67	67
B12T32N	32	50,8	2	80	72

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR 1SC/1SN/2SC (no skive)

BOCCOLA PER TUBO 1SC/1SN/2SC



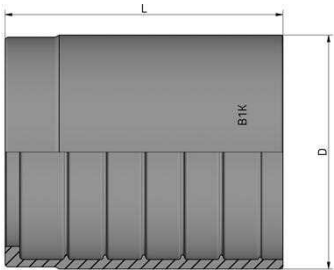
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B1SC04	4	6,4	1/4	20	30
B1SC05	5	7,9	5/16	22	30
B1SC06	6	9,5	3/8	24	32
B1SC08	8	12,5	1/2	28	34
B1SC10	10	16	5/8	32	37
B1SC12	12	19	3/4	35	42
B1SC16	16	25,4	1	43	51

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR 1SC-SLIM-R17-R7-R6 1TE/2TE (no skive)

BOCCOLA PER TUBO 1SC-SLIM-R17-R7-R6 1TE-R6 2TE



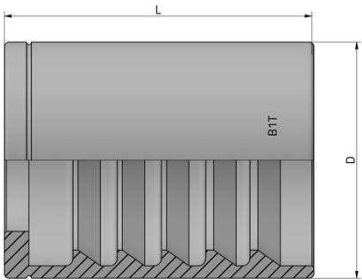
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B1K04	4	6,4	1/4	18	30
B1K05	5	7,9	5/16	20	30
B1K06	6	9,5	3/8	22	32
B1K08	8	12,5	1/2	26	34
B1K10	10	16	5/8	30	37
B1K12	12	19	3/4	33	42
B1K16	16	25,4	1	41	51
B1K20	20	31,8	1 1/4	48	57
B1K24	24	38,1	1 1/2	55,5	66
B1K32	32	50,8	2	68,5	70

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR 1SN/R1AT (no skive)

BOCCOLA PER TUBO 1SN/R1AT



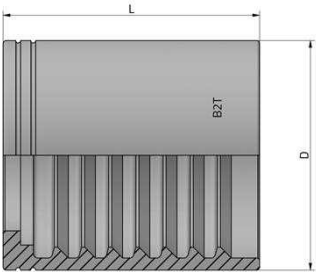
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B1T03	3	4,8	3/16	19	26
B1T04	4	6,4	1/4	20	30
B1T05	5	7,9	5/16	22	30
B1T06	6	9,5	3/8	24	31,5
B1T08	8	12,5	1/2	29	34
B1T10	10	16	5/8	32	37
B1T12	12	19	3/4	36	42,5
B1T16	16	25,4	1	43	50,5
B1T20	20	31,8	1 1/4	53	59
B1T24	24	38,1	1 1/2	60	63

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR 2SN/R2AT (no skive)

BOCCOLA PER TUBO 2SN/R2AT



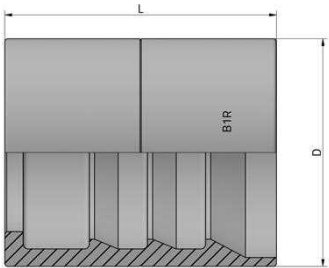
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B2T03	3	4,8	3/16	20	26
B2T04	4	6,4	1/4	22	30
B2T05	5	7,9	5/16	24	30,5
B2T06	6	9,5	3/8	25,5	32
B2T08	8	12,5	1/2	30	34
B2T10	10	16	5/8	34	37
B2T12	12	19	3/4	38	42,5
B2T16	16	25,4	1	46	50
B2T20	20	31,8	1 1/4	56	59
B2T24	24	38,1	1 1/2	64	63

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR 1ST/R1A (skive)

BOCCOLA PER TUBO 1ST/R1A



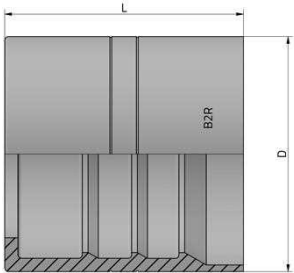
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B1R03	3	4,8	3/16	17	26,5
B1R04	4	6,4	1/4	20	29,5
B1R05	5	7,9	5/16	22	29,5
B1R06	6	9,5	3/8	24	32
B1R08	8	12,5	1/2	29	34
B1R10	10	16	5/8	32	37
B1R12	12	19	3/4	36	43
B1R16	16	25,4	1	43	50
B1R20	20	31,8	1 1/4	52	57
B1R24	24	38,1	1 1/2	57	63
B1R32	32	50,8	2	70	78

Skive - A pelare

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR 2ST/R2A (skive)

BOCCOLA PER TUBO 2ST/R2A



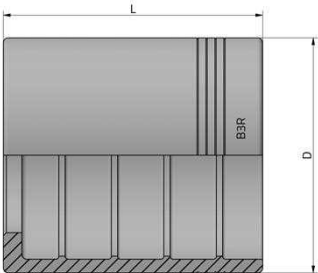
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B2R03	3	4,8	3/16	20	27
B2R04	4	6,4	1/4	22	30
B2R05	5	7,9	5/16	24	30
B2R06	6	9,5	3/8	26	32
B2R08	8	12,5	1/2	30	34
B2R10	10	16	5/8	34	38
B2R12	12	19	3/4	38	43
B2R16	16	25,4	1	46	50
B2R20	20	31,8	1 1/4	56	59
B2R24	24	38,1	1 1/2	62	63
B2R32	32	50,8	2	75	79

Skive - A pelare

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR R3-R4 (no skive)

BOCCOLA PER TUBO R3/R4



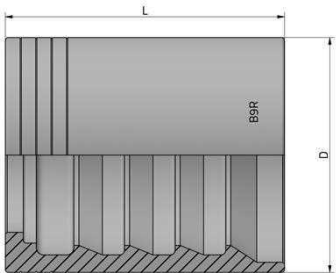
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B3R04	4	6,4	1/4	19	29
B3R05	5	7,9	5/16	22	30
B3R06	6	9,5	3/8	24	31
B3R08	8	12,5	1/2	28,5	34
B3R10	10	16	5/8	32	36
B3R12	12	19	3/4	38	42
B3R16	16	25,4	1	46	50
B3R20	20	31,8	1 1/4	52	57

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR R9R-4SP (skive)

BOCCOLA PER TUBO R9R-4SP



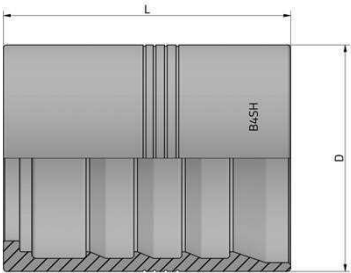
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B9R04	4	6,4	1/4	22	30
B9R06	6	9,5	3/8	26	32
B9R08	8	12,5	1/2	30	34
B9R10	10	16	5/8	34	40
B9R12	12	19	3/4	38	45,2
B9R16	16	25,4	1	46	56
B9R20	20	31,8	1 1/4	59	66
B9R24	24	38,1	1 1/2	65	76,5
B9R32	32	50,8	2	80	80

Skive - A pelare

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR 4SH (skive)

BOCCOLA PER TUBO 4SH



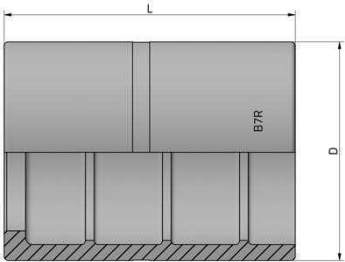
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B4SH20	20	31,8	1 1/4	52	66
B4SH24	24	38,1	1 1/2	62	76,5
B4SH32	32	50,8	2	75	80

Skive - A pelare

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR R7/MTH 1/ R6 (no skive)

BOCCOLA PER TUBO R7/MTH1/R6



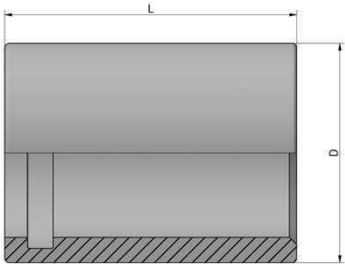
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B7R03	3	4,8	3/16	14	30
B7R04	4	6,4	1/4	17	30
B7R05	5	7,9	5/16	19	30
B7R06	6	9,5	3/8	21	30
B7R08	8	12,5	1/2	25,5	34
B7R10	10	16	5/8	28,5	36
B7R12	12	19	3/4	32	42
B7R16	16	25,4	1	40	50

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR PTFE

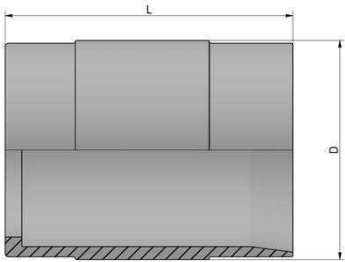
BOCCOLA PER TUBO PTFE



Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
BPTFE03	3	4,8	3/16	14	25
BPTFE04	4	6,4	1/4	16	26,5
BPTFE05	5	7,9	5/16	17	25
BPTFE06	6	9,5	3/8	19	30
BPTFE08	8	12,5	1/2	24	32
BPTFE10	10	16	5/8	25,5	34
BPTFE12	12	19	3/4	30,5	40
BPTFE16	16	25,4	1	37	47

FERRULE FOR PTFE CORRUGATED

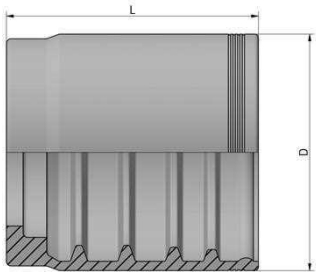
BOCCOLA PER TUBO PTFE CORRUGATA



Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
BPTFEC04	4	6,4	1/4	17,8	26,5
BPTFEC06	6	9,5	3/8	20	30,5
BPTFEC08	8	12,5	1/2	24	33
BPTFEC10	10	16	5/8	29	31
BPTFEC12	12	19	3/4	31,2	41
BPTFEC16	16	25,4	1	38	47
BPTFEC20	20	31,8	1 1/4	49,5	53
BPTFEC24	24	38,1	1 1/2	55,3	58,5
BPTFEC32	32	50,8	2	69	72

FERRULE FOR SPIRAL HOSES (no skive)

BOCCOLA NO SKIVE PER TUBI SPIRALATI



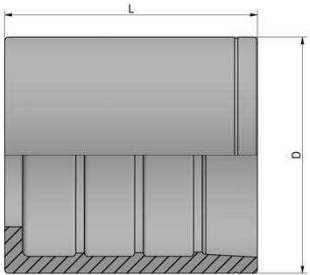
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B5K06	6	9,5	3/8	33	33
B5K08	8	12,5	1/2	35,5	34
B5K10	10	16	5/8	40,5	37,4
B5K12	12	19	3/4	43,5	44
B5K16	16	25,4	1	51	54,4
B5K204	20	31,8	1 1/4	62,5	63,5
B5K206	20	31,8	1 1/4	66,5	63,8

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

FERRULE FOR R6-1TE (no skive)

BOCCOLA PER TUBO R6/1TE



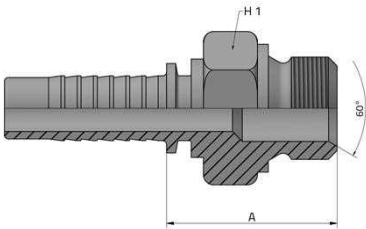
Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
B6R03	3	4,8	3/16	14	30

No skive - Senza pelatura

IDENTIFICATION: PRINTED CODE OR SCRATCHES

BSPP MALE 60° CONE (1)

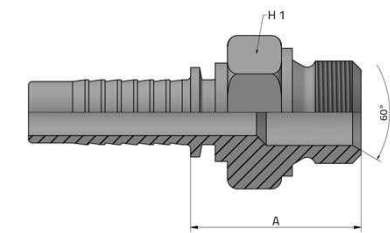
MASCHIO BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MG0302	3	4,8	3/16	1/8	28	20,5	14	350	5076
MG0304	3	4,8	3/16	1/4	19	26,5	19	415	6019
MG0402	4	6,4	1/4	1/8	28	21	14	350	5076
MG0404	4	6,4	1/4	1/4	19	27,5	19	450	6526
MG0406	4	6,4	1/4	3/8	19	29	22	450	6526
MG0408	4	6,4	1/4	1/2	14	32,5	27	450	6526
MG0504	5	7,9	5/16	1/4	19	27,5	19	350	5076
MG0506	5	7,9	5/16	3/8	19	29	22	350	5076
MG0508	5	7,9	5/16	1/2	14	32,5	27	350	5076
MG0604	6	9,5	3/8	1/4	19	27,5	19	450	6526
MG0606	6	9,5	3/8	3/8	19	29	22	450	6526
MG0608	6	9,5	3/8	1/2	14	32,5	27	450	6526
MG0806	8	12,5	1/2	3/8	19	29,5	22	415	6019
MG0808	8	12,5	1/2	1/2	14	33	27	415	6019
MG0810	8	12,5	1/2	5/8	14	35	30	415	6019
MG0812	8	12,5	1/2	3/4	14	36,5	32	415	6019
MG1008	10	16	5/8	1/2	14	33	27	350	5076
MG1010	10	16	5/8	5/8	14	35	30	350	5076
MG1012	10	16	5/8	3/4	14	36,5	32	350	5076
MG1016	10	16	5/8	1	11	38,5	38	350	5076
MG1208	12	19	3/4	1/2	14	33,2	27	350	5076
MG1210	12	19	3/4	5/8	14	35,7	30	350	5076
MG1212	12	19	3/4	3/4	14	37,2	32	350	5076
MG1216	12	19	3/4	1	11	39,2	38	350	5076
MG1608	16	25,4	1	1/2	14	36	32	415	6019
MG1612	16	25,4	1	3/4	14	38	32	280	4061

BSPP MALE 60° CONE (2)

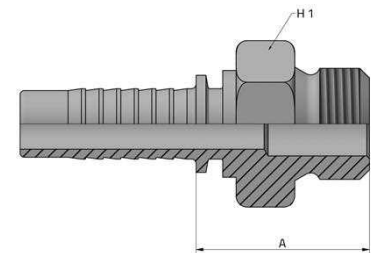
MASCHIO BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MG1616	16	25,4	1	1	11	39,5	38	280	4061
MG1620	16	25,4	1	1 1/4	11	44,5	50	280	4061
MG2016	20	31,8	1 1/4	1	11	41	41	280	4061
MG2020	20	31,8	1 1/4	1 1/4	11	45,5	50	210	3046
MG2024	20	31,8	1 1/4	1 1/2	11	46	55	210	3046
MG2424	24	38,1	1 1/2	1 1/2	11	46	55	185	2683
MG2432	24	38,1	1 1/2	2	11	53	70	185	2683
MG3232	32	50,8	2	2	11	54	70	165	2393

BSPP MALE (FLAT SEAT)

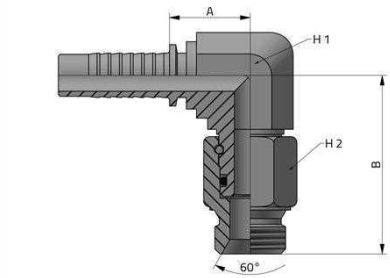
MASCHIO BSPP SEDE PIANA



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MGSP0404	4	6,4	1/4	1/4	19	27	19	450	6526
MGSP0406	4	6,4	1/4	3/8	19	29	22	450	6526
MGSP0506	5	7,9	5/16	3/8	19	29	22	350	5076
MGSP0606	6	9,5	3/8	3/8	19	28,5	22	450	6526
MGSP0608	6	9,5	3/8	1/2	14	32	27	450	6526
MGSP0808	8	12,5	1/2	1/2	14	32	27	415	6019
MGSP0810	8	12,5	1/2	5/8	14	35	30	415	6019
MGSP0812	8	12,5	1/2	3/4	14	36	32	415	6019
MGSP1010	10	16	5/8	5/8	14	35	30	350	5076
MGSP1012	10	16	5/8	3/4	14	36	32	350	5076
MGSP1212	12	19	3/4	3/4	14	37	32	350	5076
MGSP1216	12	19	3/4	1	11	40	38	350	5076
MGSP1616	16	25,4	1	1	11	39,5	38	280	4061
MGSP2020	20	31,8	1 1/4	1 1/4	11	46	50	210	3046
MGSP2424	24	38,1	1 1/2	1 1/2	11	43	55	184	2669

BSPP 90° SWIVEL COMPACT 60° CONE

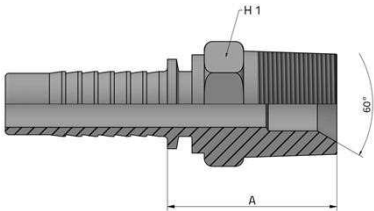
MASCHIO SWIVEL COMPATTO 90° SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	H2 mm	PN bar	PN psi
M90G0404SW	4	6,4	1/4	1/4	19	54	45,7	14	19	350	5076
M90G0606SW	6	9,5	3/8	3/8	19	62	57,2	19	22	350	5076
M90G0808SW	8	12,5	1/2	1/2	14	67	64,1	22	27	350	5076

BSPT TAPERED MALE

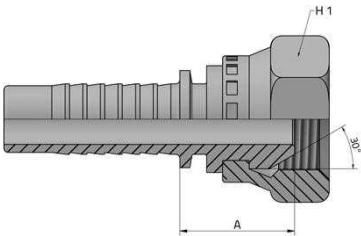
MASCHIO BSPT SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MGK0302	3	4,8	3/16	1/8	28	22	12	350	5076
MGK0304	3	4,8	3/16	1/4	19	26,5	15	415	6019
MGK0402	4	6,4	1/4	1/8	28	23	12	350	5076
MGK0404	4	6,4	1/4	1/4	19	27,5	15	450	6526
MGK0406	4	6,4	1/4	3/8	19	28,5	19	450	6526
MGK0408	4	6,4	1/4	1/2	19	34,5	22	450	6526
MGK0504	5	7,9	5/16	1/4	19	27,5	15	350	5076
MGK0506	5	7,9	5/16	3/8	19	28,5	19	350	5076
MGK0604	6	9,5	3/8	1/4	19	27,5	15	450	6526
MGK0606	6	9,5	3/8	3/8	19	28,5	19	450	6526
MGK0608	6	9,5	3/8	1/2	14	34,5	22	415	6019
MGK0806	8	12,5	1/2	3/8	19	29	19	415	6019
MGK0808	8	12,5	1/2	1/2	14	35	22	415	6019
MGK0812	8	12,5	1/2	3/4	14	37	27	350	5076
MGK1008	10	16	5/8	1/2	14	35	24	350	5076
MGK1012	10	16	5/8	3/4	14	37	27	350	5076
MGK1212	12	19	3/4	3/4	14	37,2	27	350	5076
MGK1216	12	19	3/4	1	11	45,7	36	280	4061
MGK1612	16	25,4	1	3/4	14	38	32	350	5076
MGK1616	16	25,4	1	1	11	46	36	280	4061
MGK1620	16	25,4	1	1 1/4	11	45	46	210	3046
MGK2016	20	31,8	1 1/4	1	11	47	42	280	4061
MGK2020	20	31,8	1 1/4	1 1/4	11	46	46	210	3046
MGK2024	20	31,8	1 1/4	1 1/2	11	47,5	50	185	2683
MGK2424	24	38,1	1 1/2	1 1/2	11	47	50	185	2683
MGK3232	32	50,8	2	2	11	57	65	165	2393

BSPP FEMALE 60° CONE (1)

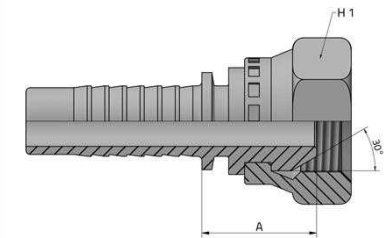
FEMMINA BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG0302	3	4,8	3/16	1/8	28	18,2	15	350	5076
FDG0304	3	4,8	3/16	1/4	19	18,2	19	415	6019
FDG0402	4	6,4	1/4	1/8	28	18,7	15	350	5076
FDG0404	4	6,4	1/4	1/4	19	18,7	19	450	6526
FDG0406	4	6,4	1/4	3/8	19	20	22	450	6526
FDG0408	4	6,4	1/4	1/2	14	21,5	27	450	6526
FDG0502	5	7,9	5/16	1/8	28	19,7	15	350	5076
FDG0504	5	7,9	5/16	1/4	19	19,2	19	350	5076
FDG0506	5	7,9	5/16	3/8	19	20,3	22	350	5076
FDG0508	5	7,9	5/16	1/2	14	21,5	27	350	5076
FDG0604	6	9,5	3/8	1/4	19	19,2	19	450	6526
FDG0606	6	9,5	3/8	3/8	19	20,3	22	450	6526
FDG0608	6	9,5	3/8	1/2	14	21,5	27	450	6526
FDG0612	6	9,5	3/8	3/4	14	26,8	32	450	6526
FDG0806	8	12,5	1/2	3/8	19	20,8	22	415	6019
FDG0808	8	12,5	1/2	1/2	14	22	27	415	6019
FDG0810	8	12,5	1/2	5/8	14	23	28	415	6019
FDG0812	8	12,5	1/2	3/4	14	24,3	32	415	6019
FDG1008	10	16	5/8	1/2	14	22,5	27	350	5076
FDG1010	10	16	5/8	5/8	14	23,5	28	350	5076
FDG1012	10	16	5/8	3/4	14	24,3	32	350	5076
FDG1208	12	19	3/4	1/2	14	22,7	27	350	5076
FDG1210	12	19	3/4	5/8	14	23,7	28	350	5076
FDG1212	12	19	3/4	3/4	14	24,5	32	350	5076
FDG1216	12	19	3/4	1	11	25,7	38	350	5076
FDG1612	16	25,4	1	3/4	14	25,8	32	280	4061

BSPP FEMALE 60° CONE (2)

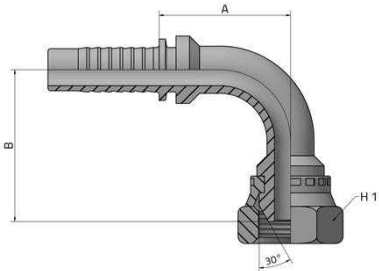
FEMMINA BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG1616	16	25,4	1	1	11	26,2	38	280	4061
FDG1620	16	25,4	1	1 1/4	11	30	50	280	4061
FDG2016	20	31,8	1 1/4	1	11	27,5	38	210	3046
FDG2020	20	31,8	1 1/4	1 1/4	11	27,5	50	210	3046
FDG2024	20	31,8	1 1/4	1 1/2	11	33	55	210	3046
FDG2424	24	38,1	1 1/2	1 1/2	11	33	55	185	2683

BSPP FEMALE 60° CONE - 90° ELBOW (1)

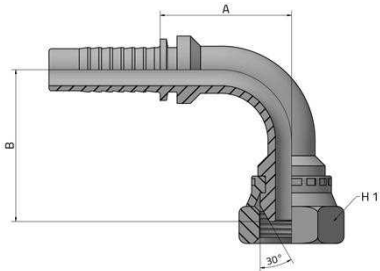
FEMMINA 90° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90G0302	3	4,8	3/16	1/8	28	23	29	15	350	5076
F90G0304	3	4,8	3/16	1/4	19	23	29	19	415	6019
F90G0402	4	6,4	1/4	1/8	28	23	29	15	350	5076
F90G0404	4	6,4	1/4	1/4	19	23	29	19	450	6526
F90G0406	4	6,4	1/4	3/8	19	23	32	22	450	6526
F90G0408	4	6,4	1/4	1/2	14	31,5	30	27	450	6526
F90G0502	5	7,9	5/16	1/8	28	31,5	35	15	350	5076
F90G0504	5	7,9	5/16	1/4	19	31,5	33,5	19	350	5076
F90G0506	5	7,9	5/16	3/8	19	31,5	35,5	22	350	5076
F90G0508	5	7,9	5/16	1/2	14	31,5	39	27	350	5076
F90G0604	6	9,5	3/8	1/4	19	33	37	19	450	6526
F90G0606	6	9,5	3/8	3/8	19	33	38	22	450	6526
F90G0608	6	9,5	3/8	1/2	14	33	42	27	450	6526
F90G0806	8	12,5	1/2	3/8	19	39	43	22	415	6019
F90G0808	8	12,5	1/2	1/2	14	39	45	27	415	6019
F90G0810	8	12,5	1/2	5/8	14	39	45	28	415	6019
F90G0812	8	12,5	1/2	3/4	14	39	51	32	415	6019
F90G1008	10	16	5/8	1/2	14	49	54	27	350	5076
F90G1010	10	16	5/8	5/8	14	49	54	28	350	5076
F90G1012	10	16	5/8	3/4	14	49	56	32	350	5076
F90G1208	12	19	3/4	1/2	14	53,5	56	27	350	5076
F90G1210	12	19	3/4	5/8	14	53,5	56	28	350	5076
F90G1212	12	19	3/4	3/4	14	53,5	59	32	350	5076
F90G1216	12	19	3/4	1	11	53,5	65	38	350	5076
F90G1612	16	25,4	1	3/4	14	68,5	72	32	280	4061
F90G1616	16	25,4	1	1	11	73	72	38	280	4061

BSPP FEMALE 60° CONE - 90° ELBOW (2)

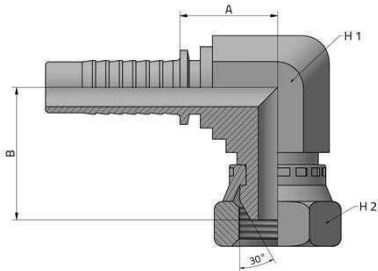
FEMMINA 90° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90G1620	16	25,4	1	1 1/4	11	73	80	50	280	4061
F90G2020	20	31,8	1 1/4	1 1/4	11	89	93	50	210	3046
F90G2024	20	31,8	1 1/4	1 1/2	11	89	98,5	55	210	3046
F90G2424	24	38,1	1 1/2	1 1/2	11	101	114	55	185	2683

BSPP FEMALE - 90° ELBOW (COMPACT FORGED)

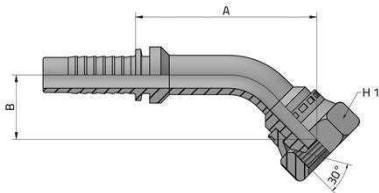
FEMMINA 90° BSPP SV 60° COMPATTA



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	H2 mm	PN bar	PN psi
F90G0404K	4	6,4	1/4	1/4	19	19,5	26,7	14	19	450	6526
F90G0406K	4	6,4	1/4	3/8	19	22	28,3	19	22	450	6526
F90G0506K	5	7,9	5/16	3/8	19	22	28,3	19	22	350	5076
F90G0606K	6	9,5	3/8	3/8	19	22,5	28,3	19	22	450	6526
F90G0608K	6	9,5	3/8	1/2	14	24	32,5	22	27	450	6526
F90G0806K	8	12,5	1/2	3/8	19	24,5	28,9	22	22	450	6526
F90G0808K	8	12,5	1/2	1/2	14	24,5	32,5	22	27	415	6019
F90G1212K	12	19	3/4	3/4	14	25,2	39,3	27	32	350	5076
F90G1616K	16	25,4	1	1	11	32,5	43,5	33	38	280	4061

BSPP FEMALE 60° CONE - 45° ELBOW (1)

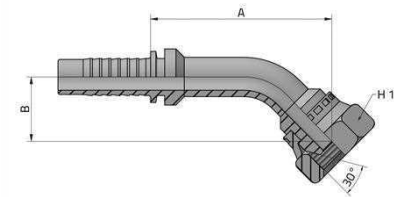
FEMMINA 45° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G0302	3	4,8	3/16	1/8	28	40	17	15	350	5076
F45G0304	3	4,8	3/16	1/4	19	40	17	19	415	6019
F45G0402	4	6,4	1/4	1/8	28	40	17	15	350	5076
F45G0404	4	6,4	1/4	1/4	19	40	17	19	450	6526
F45G0406	4	6,4	1/4	3/8	19	43	20	22	450	6526
F45G0408	4	6,4	1/4	1/2	14	55	24	27	450	6526
F45G0504	5	7,9	5/16	1/4	19	51	20	19	350	5076
F45G0506	5	7,9	5/16	3/8	19	52	21	22	350	5076
F45G0508	5	7,9	5/16	1/2	14	55	24	27	350	5076
F45G0604	6	9,5	3/8	1/4	19	54	19	19	450	6526
F45G0606	6	9,5	3/8	3/8	19	55	20	22	450	6526
F45G0608	6	9,5	3/8	1/2	14	58	23	27	450	6526
F45G0806	8	12,5	1/2	3/8	19	63	20	22	415	6019
F45G0808	8	12,5	1/2	1/2	14	65	23	27	415	6019
F45G0810	8	12,5	1/2	5/8	14	65	23	28	415	6019
F45G0812	8	12,5	1/2	3/4	14	66	21	32	415	6019
F45G1008	10	16	5/8	1/2	14	82	26	27	350	5076
F45G1010	10	16	5/8	5/8	14	64	25	28	350	5076
F45G1012	10	16	5/8	3/4	14	64	26	32	350	5076
F45G1208	12	19	3/4	1/2	14	62	28	27	350	5076
F45G1210	12	19	3/4	5/8	14	63	29	28	350	5076
F45G1212	12	19	3/4	3/4	14	63	29	32	350	5076
F45G1216	12	19	3/4	1	11	65	31	38	350	5076
F45G1612	16	25,4	1	3/4	14	88	39	32	280	4061
F45G1616	16	25,4	1	1	11	90	41	38	280	4061
F45G1620	16	25,4	1	1 1/4	11	93	44	50	280	4061

BSPP FEMALE 60° CONE - 45° ELBOW (2)

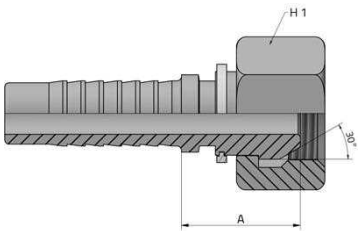
FEMMINA 45° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G2020	20	31,8	1 1/4	1 1/4	11	102	44	50	210	3046
F45G2024	20	31,8	1 1/4	1 1/2	11	103	45	55	210	3046
F45G2424	24	38,1	1 1/2	1 1/2	11	118	45	55	185	2683

BSPP FEMALE (SLIP-ON NUT)

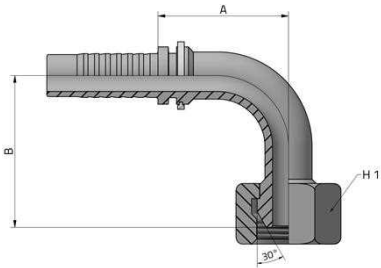
FEMMINA BSPP SV 60° DADO LIBERO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG0304SF	3	4,8	3/16	1/4	19	17	19	415	6019
FDG0404SF	4	6,4	1/4	1/4	19	17,5	19	450	6526
FDG0406SF	4	6,4	1/4	3/8	19	21	22	450	6526
FDG0506SF	5	7,9	5/16	3/8	19	21	22	350	5076
FDG0606SF	6	9,5	3/8	3/8	19	21	22	450	6526
FDG0608SF	6	9,5	3/8	1/2	14	22,3	27	450	6526
FDG0808SF	8	12,5	1/2	1/2	14	22,8	27	415	6019

BSPP FEMALE - 90° ELBOW (SLIP-ON NUT)

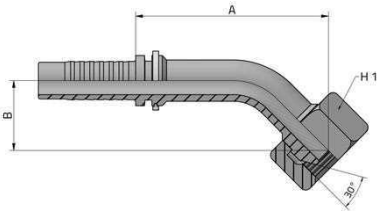
FEMMINA BSPP SV 60° DADO LIBERO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90G0304SF	3	4,8	3/16	1/4	19	23	29	19	415	6019
F90G0404SF	4	6,4	1/4	1/4	19	23	29	19	450	6526
F90G0406SF	4	6,4	1/4	3/8	19	23	32	22	450	6526
F90G0506SF	5	7,9	5/16	3/8	19	31,5	35,5	22	350	5076
F90G0606SF	6	9,5	3/8	3/8	19	33	38	22	450	6526
F90G0608SF	6	9,5	3/8	1/2	14	33	42	27	450	6526
F90G0808SF	8	12,5	1/2	1/2	14	39	45	27	415	6019

BSPP FEMALE - 45° ELBOW (SLIP-ON NUT)

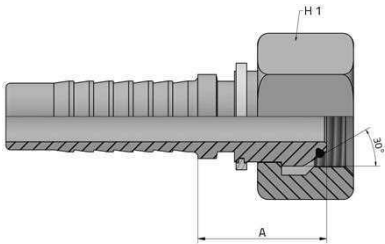
FEMMINA 45° BSPP SV 60° DADO LIBERO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G0304SF	3	4,8	3/16	1/4	19	40	17	19	415	6019
F45G0404SF	4	6,4	1/4	1/4	19	40	17	19	450	6526
F45G0406SF	4	6,4	1/4	3/8	19	43	20	22	450	6526
F45G0506SF	5	7,9	5/16	3/8	19	52	21	22	350	5076
F45G0606SF	6	9,5	3/8	3/8	19	55	20	22	450	6526
F45G0608SF	6	9,5	3/8	1/2	14	58	23	27	450	6526
F45G0808SF	8	12,5	1/2	1/2	14	65	23	27	415	6019

BSPP FEMALE (SLIP-ON NUT WITH ORING)

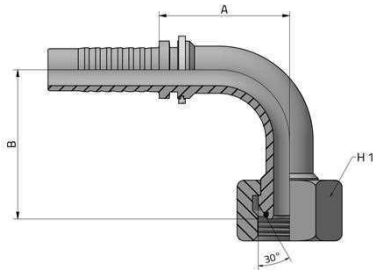
FEMMINA BSPP SV 60° DADO LIBERO CON ORING



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG0404SF-OR	4	6,4	1/4	1/4	19	16,6	19	450	6526
FDG0406SF-OR	4	6,4	1/4	3/8	19	20,6	22	450	6526
FDG0506SF-OR	5	7,9	5/16	3/8	19	20,6	22	350	5076
FDG0606SF-OR	6	9,5	3/8	3/8	19	20,6	22	450	6526
FDG0608SF-OR	6	9,5	3/8	1/2	14	22,3	27	450	6526
FDG0808SF-OR	8	12,5	1/2	1/2	14	22,8	27	415	6019

BSPP FEMALE - 90° ELBOW (SLIP-ON NUT) WITH ORING

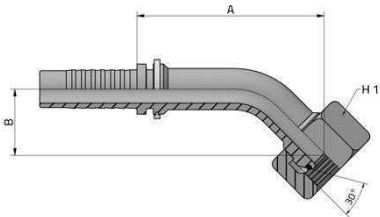
FEMMINA BSPP SV 60° DADO LIBERO CON ORING



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90G0404SF-OR	4	6,4	1/4	1/4	19	23	29	19	450	6526
F90G0406SF-OR	4	6,4	1/4	3/8	19	23	32	22	450	6526
F90G0506SF-OR	5	7,9	5/16	3/8	19	31,5	35,5	22	350	5076
F90G0606SF-OR	6	9,5	3/8	3/8	19	33	38	22	450	6526
F90G0608SF-OR	6	9,5	3/8	1/2	14	33	42	27	450	6526
F90G0808SF-OR	8	12,5	1/2	1/2	14	39	45	27	415	6019

BSPP FEMALE - 45° ELBOW (SLIP-ON NUT) WITH ORING

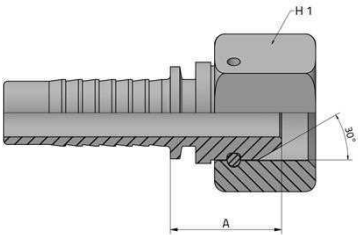
FEMMINA BSPP SV 60° DADO LIBERO CON ORING



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G0404SF-OR	4	6,4	1/4	1/4	19	40	17	19	450	6526
F45G0406SF-OR	4	6,4	1/4	3/8	19	43	20	22	450	6526
F45G0506SF-OR	5	7,9	5/16	3/8	19	52	21	22	350	5076
F45G0606SF-OR	6	9,5	3/8	3/8	19	55	20	22	450	6526
F45G0608SF-OR	6	9,5	3/8	1/2	14	58	23	27	450	6526
F45G0808SF-OR	8	12,5	1/2	1/2	14	65	23	27	415	6019

BSPP FEMALE (THRUST-WIRE NUT) (1)

FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING

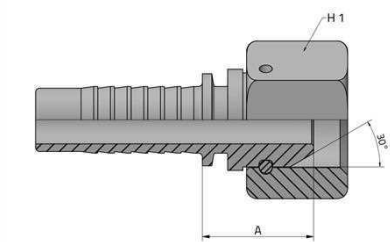


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
* FDG0302SP	3	4,8	3/16	1/8	28	19,2	14	350	5076
* FDG0304SP	3	4,8	3/16	1/4	19	19	19	415	6019
* FDG0402SP	4	6,4	1/4	1/8	28	19,7	14	350	5076
* FDG0404SP	4	6,4	1/4	1/4	19	19,5	19	450	6526
* FDG0406SP	4	6,4	1/4	3/8	19	20,5	22	450	6526
* FDG0408SP	4	6,4	1/4	1/2	14	22	27	450	6526
* FDG0504SP	5	7,9	5/16	1/4	19	19,5	19	350	5076
* FDG0506SP	5	7,9	5/16	3/8	19	19	22	350	5076
* FDG0508SP	5	7,9	5/16	1/2	14	22	27	350	5076
* FDG0604SP	6	9,5	3/8	1/4	19	20	19	450	6526
* FDG0606SP	6	9,5	3/8	3/8	19	21	22	450	6526
* FDG0608SP	6	9,5	3/8	1/2	14	22	27	450	6526
* FDG0806SP	8	12,5	1/2	3/8	19	21,5	22	415	6019
* FDG0808SP	8	12,5	1/2	1/2	14	22,5	27	415	6019
FDG0812SP	8	12,5	1/2	3/4	14	27	32	415	6019
* FDG1008SP	10	16	5/8	1/2	14	23	27	350	5076
FDG1012SP	10	16	5/8	3/4	14	27	32	350	5076
* FDG1208SP	12	19	3/4	1/2	14	23,2	27	350	5076
FDG1212SP	12	19	3/4	3/4	14	27,2	32	350	5076
FDG1216SP	12	19	3/4	1	11	27,7	38	280	4061
FDG1612SP	16	25,4	1	3/4	14	28,5	32	350	5076
FDG1616SP	16	25,4	1	1	11	28,5	38	280	4061
FDG1620SP	16	25,4	1	1 1/4	11	30	50	280	4061
FDG2020SP	20	31,8	1 1/4	1 1/4	11	30,5	50	210	3046
FDG2024SP	20	31,8	1 1/4	1 1/2	11	32,5	55	210	3046
FDG2424SP	24	38,1	1 1/2	1 1/2	11	32,5	55	185	2683

* Without o-ring / senza o-ring

BSPP FEMALE (THRUST-WIRE NUT) (2)

FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING

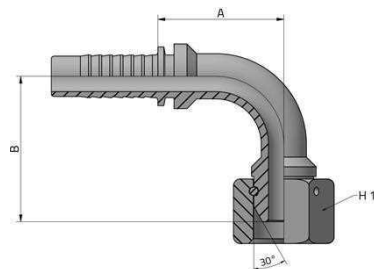


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG2432SP	24	38,1	1 1/2	2	11	32,2	70	185	2683
FDG3232SP	32	50,8	2	2	11	33,2	70	165	2393

* Without o-ring / senza o-ring

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

FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING

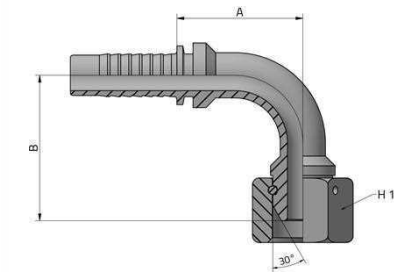


	Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
*	F90G0302SP	3	4,8	3/16	1/8	28	23	29	14	350	5076
*	F90G0304SP	3	4,8	3/16	1/4	19	23	29	19	415	6019
*	F90G0402SP	4	6,4	1/4	1/8	28	23	29	14	350	5076
*	F90G0404SP	4	6,4	1/4	1/4	19	23	29	19	450	6526
*	F90G0406SP	4	6,4	1/4	3/8	19	23	32	22	450	6526
*	F90G0408SP	4	6,4	1/4	1/2	14	31,5	39	27	450	6526
*	F90G0504SP	5	7,9	5/16	1/4	19	31,5	33,5	19	350	5076
*	F90G0506SP	5	7,9	5/16	3/8	19	31,5	35,5	22	350	5076
*	F90G0508SP	5	7,9	5/16	1/2	14	31,5	39	27	350	5076
*	F90G0604SP	6	9,5	3/8	1/4	19	33	37	19	450	6526
*	F90G0606SP	6	9,5	3/8	3/8	19	33	38	22	450	6526
*	F90G0608SP	6	9,5	3/8	1/2	14	33	42	27	450	6526
*	F90G0806SP	8	12,5	1/2	3/8	19	39	43	22	415	6019
*	F90G0808SP	8	12,5	1/2	1/2	14	39	45	27	415	6019
	F90G0812SP	8	12,5	1/2	3/4	14	39	51	32	415	6019
*	F90G1008SP	10	16	5/8	1/2	14	49	54	27	350	5076
	F90G1012SP	10	16	5/8	3/4	14	49	56	32	350	5076
*	F90G1208SP	12	19	3/4	1/2	14	53,5	56	27	350	5076
	F90G1212SP	12	19	3/4	3/4	14	53,5	59	32	350	5076
	F90G1216SP	12	19	3/4	1	11	53,5	65	38	350	5076
	F90G1612SP	16	25,4	1	3/4	14	68,5	72	32	350	5076
	F90G1616SP	16	25,4	1	1	11	73	72	38	280	4061
	F90G1620SP	16	25,4	1	1 1/4	11	73	80	50	280	4061
	F90G2020SP	20	31,8	1 1/4	1 1/4	11	89	93	50	210	3046
	F90G2024SP	20	31,8	1 1/4	1 1/2	11	89	98,5	55	210	3046
	F90G2424SP	24	38,1	1 1/2	1 1/2	11	101	114	55	185	2683

* Without o-ring / senza o-ring

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

FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING

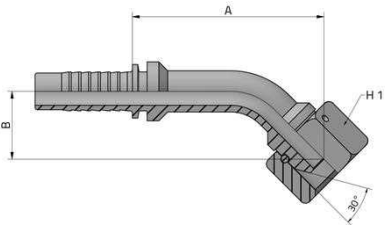


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90G2432SP	24	38,1	1 1/2	2	11	101	118	70	185	2683
F90G3232SP	32	50,8	2	2	11	135	136	70	165	2393

* Without o-ring / senza o-ring

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

FEMMINA 45° BSPP SV60° DADO SPINATO CON O-RING

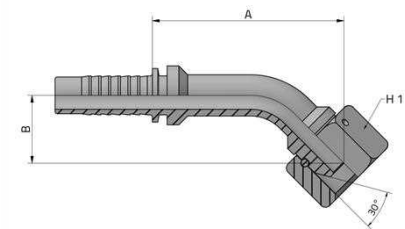


	Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
*	F45G0302SP	3	4,8	3/16	1/8	28	40	17	14	350	5076
*	F45G0304SP	3	4,8	3/16	1/4	19	40	17	19	415	6019
*	F45G0402SP	4	6,4	1/4	1/8	28	40	17	14	350	5076
*	F45G0404SP	4	6,4	1/4	1/4	19	40	17	19	450	6526
*	F45G0406SP	4	6,4	1/4	3/8	19	43	20	22	450	6526
*	F45G0408SP	4	6,4	1/4	1/2	14	55	24	27	450	6526
*	F45G0504SP	5	7,9	5/16	1/4	19	51	20	19	350	5076
*	F45G0506SP	5	7,9	5/16	3/8	19	52	21	22	350	5076
*	F45G0508SP	5	7,9	5/16	1/2	14	55	24	27	350	5076
*	F45G0604SP	6	9,5	3/8	1/4	19	54	19	19	450	6526
*	F45G0606SP	6	9,5	3/8	3/8	19	55	20	22	450	6526
*	F45G0608SP	6	9,5	3/8	1/2	14	58	23	27	450	6526
*	F45G0806SP	8	12,5	1/2	3/8	19	63	20	22	415	6019
*	F45G0808SP	8	12,5	1/2	1/2	14	65	23	27	415	6019
	F45G0812SP	8	12,5	1/2	3/4	14	66	21	32	415	6019
*	F45G1008SP	10	16	5/8	1/2	14	63	25	27	350	5076
	F45G1012SP	10	16	5/8	3/4	14	64	26	32	350	5076
*	F45G1208SP	12	19	3/4	1/2	14	62	28	27	350	5076
	F45G1212SP	12	19	3/4	3/4	14	63	29	32	350	5076
	F45G1216SP	12	19	3/4	1	11	65	31	38	350	5076
	F45G1612SP	16	25,4	1	3/4	14	88	39	32	350	5076
	F45G1616SP	16	25,4	1	1	11	90	41	38	280	4061
	F45G1620SP	16	25,4	1	1 1/4	11	93	44	50	280	4061
	F45G2020SP	20	31,8	1 1/4	1 1/4	11	102	44	50	210	3046
	F45G2024SP	20	31,8	1 1/4	1 1/2	11	103	45	55	210	3046
	F45G2424SP	24	38,1	1 1/2	1 1/2	11	118	45	55	185	2683

* Without o-ring / senza o-ring

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

FEMMINA 45° BSPP SV60° DADO SPINATO CON O-RING

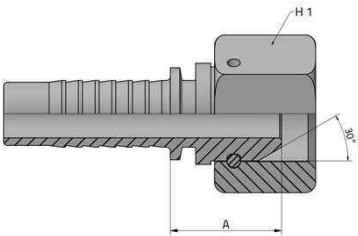


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G2432SP	24	38,1	1 1/2	2	11	101	118	70	185	2683
F45G3232SP	32	50,8	2	2	11	145	55	70	165	2393

* Without o-ring / senza o-ring

BSPP FEMALE (FLAT SEAT)

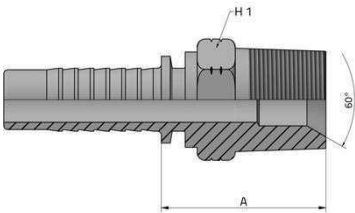
FEMMINA DIRITTA BSPP SEDE PIANA



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDGSP0404	4	6,4	1/4	1/4	19	14	19	450	6526
FDGSP0406	4	6,4	1/4	3/8	19	15	22	450	6526
FDGSP0506	5	7,9	5/16	3/8	19	15	22	350	5076
FDGSP0606	6	9,5	3/8	3/8	19	16	22	450	6526
FDGSP0608	6	9,5	3/8	1/2	14	17	27	450	6526
FDGSP0808	8	12,5	1/2	1/2	14	17	27	415	6019
FDGSP0810	8	12,5	1/2	5/8	14	17	28	415	6019
FDGSP0812	8	12,5	1/2	3/4	14	19	32	415	6019
FDGSP1010	10	16	5/8	5/8	14	17	28	350	5076
FDGSP1012	10	16	5/8	3/4	14	20	32	350	5076
FDGSP1212	12	19	3/4	3/4	14	21	32	350	5076
FDGSP1216	12	19	3/4	1	11	22	38	350	5076
FDGSP1616	16	25,4	1	1	11	23	38	280	4061
FDGSP2020	20	31,8	1 1/4	1 1/4	11	26	50	210	3046

NPTF MALE

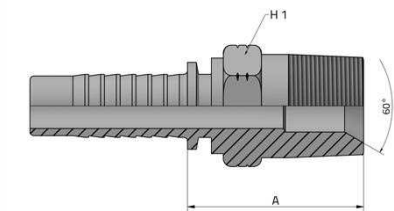
MASCHIO NPTF SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MNPT0302	3	4,8	3/16	1/8	27	22	12	350	5076
MNPT0304	3	4,8	3/16	1/4	18	26,5	15	415	6019
MNPT0402	4	6,4	1/4	1/8	27	23	12	350	5076
MNPT0404	4	6,4	1/4	1/4	18	27,5	15	450	6526
MNPT0406	4	6,4	1/4	3/8	18	28,5	19	450	6526
MNPT0408	4	6,4	1/4	1/2	14	34,5	22	350	5076
MNPT0504	5	7,9	5/16	1/4	18	27,5	15	350	5076
MNPT0506	5	7,9	5/16	3/8	18	28,5	19	350	5076
MNPT0508	5	7,9	5/16	1/2	14	28,5	22	415	6019
MNPT0604	6	9,5	3/8	1/4	18	28,5	15	350	5076
MNPT0606	6	9,5	3/8	3/8	18	28,5	19	450	6526
MNPT0608	6	9,5	3/8	1/2	14	34,5	22	415	6019
MNPT0806	8	12,5	1/2	3/8	18	29	19	415	6019
MNPT0808	8	12,5	1/2	1/2	14	35	22	415	6019
MNPT0812	8	12,5	1/2	3/4	14	37	27	415	6019
MNPT1008	10	16	5/8	1/2	14	35	24	350	5076
MNPT1012	10	16	5/8	3/4	14	37	27	350	5076
MNPT1212	12	19	3/4	3/4	14	37,2	27	350	5076
MNPT1216	12	19	3/4	1	11,5	46,7	36	280	4061
MNPT1612	16	25,4	1	3/4	14	38	32	280	4061
MNPT1616	16	25,4	1	1	11,5	47	36	280	4061
MNPT1620	16	25,4	1	1 1/4	11,5	45	46	210	3046
MNPT2020	20	31,8	1 1/4	1 1/4	11,5	46	46	210	3046
MNPT2024	20	31,8	1 1/4	1 1/2	11,5	47,5	50	185	2683
MNPT2424	24	38,1	1 1/2	1 1/2	11,5	47	50	185	2683
MNPT3232	32	50,8	2	2	11,5	57	65	165	2393

NPTF MALE - LONG NOSE

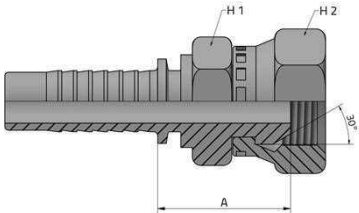
MASCHIO NPTF SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MNPT0404LN	4	6,4	1/4	1/4	18	37	15	450	6526
MNPT0406LN	4	6,4	1/4	3/8	18	38	19	450	6526
MNPT0604LN	6	9,5	3/8	1/4	18	38	15	450	6526
MNPT0606LN	6	9,5	3/8	3/8	18	38	19	450	6526

NPSM FEMALE

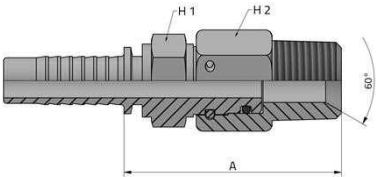
FEMMINA NPSM



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
FNPSM0404	4	6,4	1/4	1/4	18	24,3	19	19	345	5000
FNPSM0606	6	9,5	3/8	3/8	18	27,3	22	22	276	4000
FNPSM0808	8	12,5	1/2	1/2	14	29,2	22	27	241	3500
FNPSM1212	12	19	3/4	3/4	14	37,2	27	32	155	2250
FNPSM1616	16	25,4	1	1	11,5	40,7	32	38	138	2000
FNPSM2020	20	31,8	1 1/4	1 1/4	11,5	42,7	41	50	112	1625

NPTF SWIVEL MALE

MASCHIO NPTF GIREVOLE SV 60°



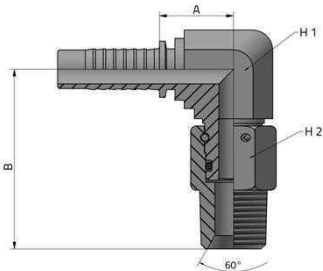
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
* MNPTF0404SW	4	6,4	1/4	1/4	18	53,7	14	17	350	5076
* MNPTF0406SW	4	6,4	1/4	3/8	18	58,9	17	22	350	5076
* MNPTF0604SW	6	9,5	3/8	1/4	18	56,5	17	17	350	5076
* MNPTF0606SW	6	9,5	3/8	3/8	18	58,9	17	22	350	5076
* MNPTF0608SW	6	9,5	3/8	1/2	14	63,5	22	27	350	5076
* MNPTF0806SW	8	12,5	1/2	3/8	18	59,9	22	22	350	5076
* MNPTF0808SW	8	12,5	1/2	1/2	14	64	22	27	350	5076
MNPTF0812SW	8	12,5	1/2	3/4	14	72	27	32	280	4061
* MNPTF1212SW	12	19	3/4	3/4	14	72	32	32	280	4061
* MNPTF1616SW	16	25,4	1	1	11,5	79,4	38	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

NPTF SWIVEL MALE 90° ELBOW (COMPACT FORGED)

MASCHIO 90° NPTF GIREVOLE SV60° COMPATTA



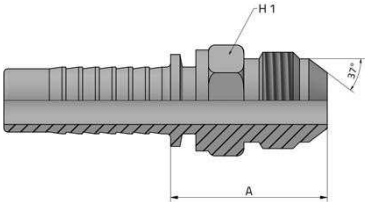
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	H2 mm	PN bar	PN psi
* M90NPTF0404SW	4	6,4	1/4	1/4	18	23,5	56	22	17	350	5076
M90NPTF0406SW	4	6,4	1/4	3/8	18	23,5	58,4	22	22	350	5076
M90NPTF0604SW	6	9,5	3/8	1/4	18	23,5	56	22	17	350	5076
M90NPTF0606SW	6	9,5	3/8	3/8	18	23,5	58,4	22	22	350	5076
M90NPTF0608SW	6	9,5	3/8	1/2	14	23,5	62,3	22	27	350	5076
M90NPTF0806SW	8	12,5	1/2	3/8	18	24	58,4	22	27	350	5076
* M90NPTF0808SW	8	12,5	1/2	1/2	14	24	62,3	22	27	350	5076
M90NPTF0812SW	8	12,5	1/2	3/4	14	26,9	72	27	32	280	4061
* M90NPTF1212SW	12	19	3/4	3/4	14	25,2	72	27	32	280	4061
* M90NPTF1616SW	16	25,4	1	1	11,5	32,5	77,9	33	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

JIC 37° MALE (1)

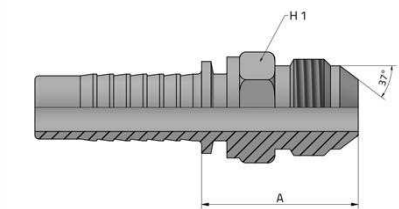
MASCHIO JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MJ0304	3	4,8	3/16	7/16	20	26,5	12	500	7252
MJ0305	3	4,8	3/16	1/2	20	26,5	14	420	6091
MJ0404	4	6,4	1/4	7/16	20	27,5	12	500	7252
MJ0405	4	6,4	1/4	1/2	20	27,5	14	420	6091
MJ0406	4	6,4	1/4	9/16	18	28,5	15	420	6091
MJ0505	5	7,9	5/16	1/2	20	27,5	14	420	6091
MJ0506	5	7,9	5/16	9/16	18	28,5	15	420	6091
MJ0507	5	7,9	5/16	5/8	18	30	17	420	6091
MJ0508	5	7,9	5/16	3/4	16	30	19	420	6091
MJ0606	6	9,5	3/8	9/16	18	28,5	15	420	6091
MJ0607	6	9,5	3/8	5/8	18	31	17	420	6091
MJ0608	6	9,5	3/8	3/4	16	31	19	420	6091
MJ0610	6	9,5	3/8	7/8	14	35	24	350	5076
MJ0806	8	12,5	1/2	9/16	18	29	19	420	6091
MJ0808	8	12,5	1/2	3/4	16	31,5	19	420	6091
MJ0810	8	12,5	1/2	7/8	14	35,5	24	350	5076
MJ0812	8	12,5	1/2	1 1/16	12	40	27	350	5076
MJ1010	10	16	5/8	7/8	14	35,5	24	350	5076
MJ1012	10	16	5/8	1 1/16	12	40	27	350	5076
MJ1210	12	19	3/4	7/8	14	37,2	27	350	5076
MJ1212	12	19	3/4	1 1/16	12	40,7	27	350	5076
MJ1214	12	19	3/4	1 3/16	12	41,7	32	280	4061
MJ1216	12	19	3/4	1 5/16	12	41,7	34	280	4061
MJ1612	16	25,4	1	1 1/16	12	41,5	32	350	5076
MJ1616	16	25,4	1	1 5/16	12	42,5	34	280	4061
MJ1620	16	25,4	1	1 5/8	12	45	42	280	4061

JIC 37° MALE (2)

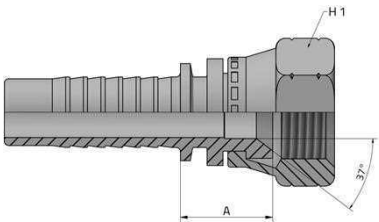
MASCHIO JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MJ2020	20	31,8	1 1/4	1 5/8	12	45,5	42	280	4061
MJ2024	20	31,8	1 1/4	1 7/8	12	53	50	210	3046
MJ2424	24	38,1	1 1/2	1 7/8	12	53	50	210	3046
MJ3232	32	50,8	2	2 1/2	12	62	65	140	2030

JIC 37° FEMALE (1)

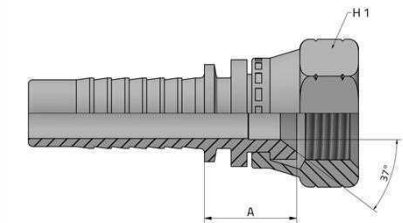
FEMMINA DIRITTA JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDJ0304	3	4,8	3/16	7/16	20	15	15	500	7252
FDJ0305	3	4,8	3/16	1/2	20	15	17	420	6091
FDJ0306	3	4,8	3/16	9/16	18	18,2	19	420	6091
FDJ0404	4	6,4	1/4	7/16	20	15,5	15	500	7252
FDJ0405	4	6,4	1/4	1/2	20	16	17	420	6091
FDJ0406	4	6,4	1/4	9/16	18	16,2	19	420	6091
FDJ0408	4	6,4	1/4	3/4	16	17,3	24	420	6091
FDJ0505	5	7,9	5/16	1/2	20	16	17	420	6091
FDJ0506	5	7,9	5/16	9/16	18	16,7	19	420	6091
FDJ0507	5	7,9	5/16	5/8	18	16,7	22	420	6091
FDJ0508	5	7,9	5/16	3/4	16	17,3	24	420	6091
FDJ0606	6	9,5	3/8	9/16	18	16,7	19	420	6091
FDJ0607	6	9,5	3/8	5,8	18	16,7	22	420	6091
FDJ0608	6	9,5	3/8	3/4	16	17,3	24	420	6091
FDJ0610	6	9,5	3/8	7/8	14	19	27	350	5076
FDJ0808	8	12,5	1/2	3/4	16	17,8	24	420	6091
FDJ0810	8	12,5	1/2	7/8	14	19,5	27	350	5076
FDJ0812	8	12,5	1/2	1 1/16	12	23	32	350	5076
FDJ1010	10	16	5/8	7/8	14	19,5	27	350	5076
FDJ1012	10	16	5/8	1 1/16	12	23	32	350	5076
FDJ1210	12	19	3/4	7/8	14	20,2	27	350	5076
FDJ1212	12	19	3/4	1 1/16	12	23,2	32	350	5076
FDJ1214	12	19	3/4	1 3/16	12	23,3	36	280	4061
FDJ1216	12	19	3/4	1 5/16	12	23,7	41	280	4061
FDJ1612	16	25,4	1	1 1/16	12	24,1	32	350	5076
FDJ1616	16	25,4	1	1 5/16	12	25,4	41	280	4061

JIC 37° FEMALE (2)

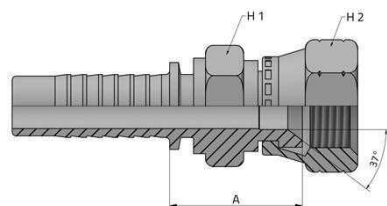
FEMMINA DIRITTA JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDJ1620	16	25,4	1	1 5/8	12	28,5	50	280	4061
FDJ2020	20	31,8	1 1/4	1 5/8	12	29	50	280	4061
FDJ2024	20	31,8	1 1/4	1 7/8	12	31	55	210	3046
FDJ2424	24	38,1	1 1/2	1 7/8	12	31	55	210	3046

JIC 37° FEMALE (DOUBLE HEXAGON) (1)

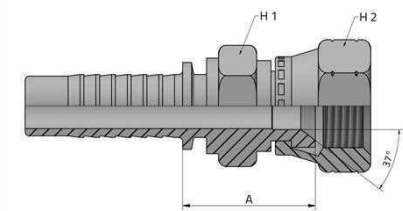
FEMMINA DIRITTA JIC SV 74° DOPPIO ESAGONO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
FDJ0304GIR	3	4,8	3/16	7/16	20	23,5	12	15	500	7252
FDJ0404GIR	4	6,4	1/4	7/16	20	24	14	15	500	7252
FDJ0405GIR	4	6,4	1/4	1/2	20	24,5	14	17	420	6091
FDJ0406GIR	4	6,4	1/4	9/16	18	25,7	17	19	420	6091
FDJ0505GIR	5	7,9	5/16	1/2	20	24,5	14	17	420	6091
FDJ0506GIR	5	7,9	5/16	9/16	18	25,7	17	19	420	6091
FDJ0605GIR	6	9,5	3/8	1/2	20	24,5	17	17	420	6091
FDJ0606GIR	6	9,5	3/8	9/16	18	25,7	17	19	420	6091
FDJ0608GIR	6	9,5	3/8	3/4	16	27,8	19	24	420	6091
FDJ0610GIR	6	9,5	3/8	7/8	14	29,5	22	27	350	5076
FDJ0612GIR	6	9,5	3/8	1 1/16	12	32,5	27	32	350	5076
FDJ0614GIR	6	9,5	3/8	1 3/16	12	34,6	30	36	280	4061
FDJ0806GIR	8	12,5	1/2	9/16	18	27,2	22	19	420	6091
FDJ0808GIR	8	12,5	1/2	3/4	16	28,3	22	24	420	6091
FDJ0810GIR	8	12,5	1/2	7/8	14	30	22	27	350	5076
FDJ0812GIR	8	12,5	1/2	1 1/16	12	33	27	32	350	5076
FDJ0816GIR	8	12,5	1/2	1 5/16	12	35,5	32	38	280	4061
FDJ1010GIR	10	16	5/8	7/8	14	30	24	27	350	5076
FDJ1012GIR	10	16	5/8	1 1/16	12	33	27	32	350	5076
FDJ1014GIR	10	16	5/8	1 3/16	12	35,1	27	32	280	4061
FDJ1210GIR	12	19	3/4	7/8	14	32,2	27	27	350	5076
FDJ1212GIR	12	19	3/4	1 1/16	12	35,2	27	32	350	5076
FDJ1214GIR	12	19	3/4	1 3/16	12	35,3	30	36	280	4061
FDJ1216GIR	12	19	3/4	1 5/16	12	35,2	32	41	280	4061
FDJ1612GIR	16	25,4	1	1 1/16	12	36	32	32	350	5076
FDJ1614GIR	16	25,4	1	1 3/16	12	36,1	32	36	280	4061

JIC 37° FEMALE (DOUBLE HEXAGON) (2)

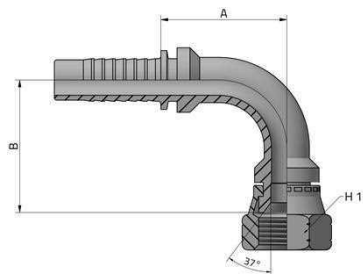
FEMMINA DIRITTA JIC SV 74° DOPPIO ESAGONO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
FDJ1616GIR	16	25,4	1	1 5/16	12	36	32	41	280	4061
FDJ1620GIR	16	25,4	1	1 5/8	12	41,5	41	50	280	4061
FDJ2020GIR	20	31,8	1 1/4	1 5/8	12	42,5	41	50	280	4061

JIC 37° FEMALE - 90° ELBOW (1)

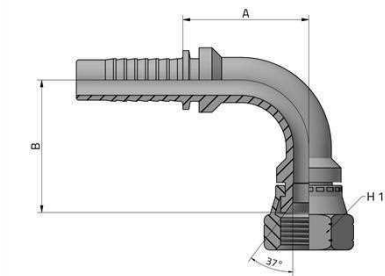
FEMMINA 90° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J0304	3	4,8	3/16	7/16	20	23	26	15	500	7252
F90J0305	3	4,8	3/16	1/2	20	23	27	17	420	6091
F90J0306	3	4,8	3/16	9/16	18	23	30	19	420	6091
F90J0404	4	6,4	1/4	7/16	20	23	26	15	500	7352
F90J0405	4	6,4	1/4	1/2	20	23	27	17	420	6091
F90J0406	4	6,4	1/4	9/16	18	23	27	19	420	6091
F90J0408	4	6,4	1/4	3/4	16	31,5	32,5	24	420	6091
F90J0505	5	7,9	5/16	1/2	20	31,5	32	17	420	6091
F90J0506	5	7,9	5/16	9/16	18	31,5	32	19	420	6091
F90J0507	5	7,9	5/16	5/8	18	31,5	32,5	22	420	6091
F90J0508	5	7,9	5/16	3/4	16	31,5	32,5	24	420	6091
F90J0605	6	9,5	3/8	1/2	20	33	35	17	420	6091
F90J0606	6	9,5	3/8	9/16	18	33	35	19	420	6091
F90J0607	6	9,5	3/8	5/8	18	33	35,5	22	420	6091
F90J0608	6	9,5	3/8	3/4	16	33	36,5	24	420	6091
F90J0610	6	9,5	3/8	7/8	14	33	39,5	27	350	5076
F90J0806	8	12,5	1/2	9/16	18	33	36	19	420	6091
F90J0808	8	12,5	1/2	3/4	16	39	41	24	420	6091
F90J0810	8	12,5	1/2	7/8	14	39	42,5	27	350	5076
F90J0812	8	12,5	1/2	1 1/16	12	39	50	32	350	5076
F90J1010	10	16	5/8	7/8	14	49	50	27	350	5076
F90J1012	10	16	5/8	1 1/16	12	49	55	32	350	5076
F90J1210	12	19	3/4	7/8	14	53,5	58	27	350	5076
F90J1212	12	19	3/4	1 1/16	12	53,5	58	32	350	5076
F90J1214	12	19	3/4	1 3/16	12	53,5	61	36	280	4061
F90J1216	12	19	3/4	1 5/16	12	53,5	62,5	41	280	4061

JIC 37° FEMALE - 90° ELBOW (2)

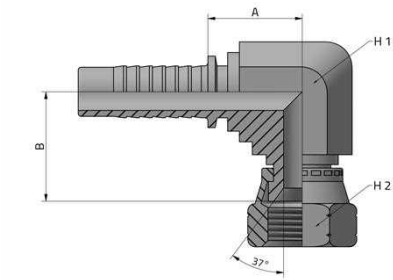
FEMMINA 90° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J1612	16	25,4	1	1 1/16	12	69	80	32	350	5076
F90J1616	16	25,4	1	1 5/16	12	73	69,5	41	280	4061
F90J1620	16	25,4	1	1 5/8	12	73	78,5	50	280	4061
F90J2020	20	31,8	1 1/4	1 5/8	12	89	91,5	50	280	4061
F90J2024	20	31,8	1 1/4	1 7/8	12	89	99	55	210	3046
F90J2424	24	38,1	1 1/2	1 7/8	12	101	112,5	55	210	3046

JIC 37° FEMALE - 90° ELBOW (COMPACT FORGED)

FEMMINA 90° JIC SV74° COMPATTA

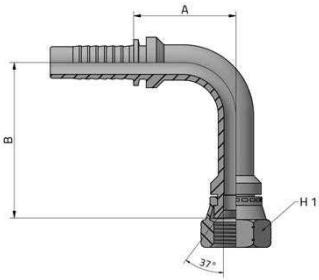


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	H2 mm	PN bar	PN psi
F90J0404K	4	6,4	1/4	7/16	20	19,5	21,5	14	15	420	6091
F90J0406K	4	6,4	1/4	9/16	18	19,5	23	14	19	420	6091
F90J0606K	6	9,5	3/8	9/16	18	22,5	25	19	19	420	6091
F90J0608K	6	9,5	3/8	3/4	16	22,5	28	19	24	420	6091
F90J0808K	8	12,5	1/2	3/4	16	24,5	28	22	24	420	6091
F90J0810K	8	12,5	1/2	7/8	14	24,5	29,5	22	27	350	5076
* F90J1212K	12	19	3/4	1 1/16	12	25,2	36	27	32	350	5076
* F90J1616K	16	25,4	1	1 5/16	12	32,5	41,5	33	41	280	4061

* Thrust wire nut / dado spinato

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

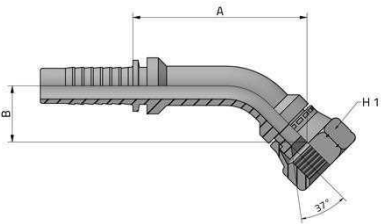
FEMMINA 90° JIC SV 37° LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J0404LD	4	6,4	1/4	7/16	20	28,5	45	17	500	7252
F90J0405LD	4	6,4	1/4	1/2	20	28,5	45	17	420	6091
F90J0406LD	4	6,4	1/4	9/16	18	29,5	55,5	19	420	6091
F90J0606LD	6	9,5	3/8	9/16	18	35,5	59	19	420	6091
F90J0608LD	6	9,5	3/8	3/4	16	36,5	61,5	24	420	6091
F90J0808LD	8	12,5	1/2	3/4	16	40,5	62,5	24	420	6091
F90J0810LD	8	12,5	1/2	7/8	14	45	65	27	350	5076
F90J1010LD	10	16	5/8	7/8	14	53,5	65,5	27	350	5076
F90J1212LD	12	19	3/4	1 1/16	12	62	94,5	32	350	5076
F90J1616LD	16	25,4	1	1 5/16	12	77	110	41	280	4061

JIC 37° FEMALE - 45° ELBOW (1)

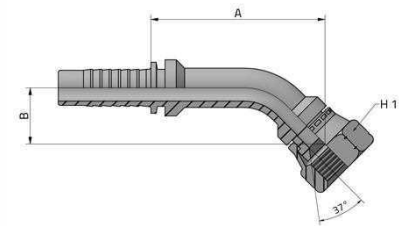
FEMMINA 45° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J0304	3	4,8	3/16	7/16	20	38	15	15	500	7252
F45J0305	3	4,8	3/16	1/2	20	40	17	17	420	6091
F45J0404	4	6,4	1/4	7/16	20	38	15	15	500	7252
F45J0405	4	6,4	1/4	1/2	20	40	17	17	420	6091
F45J0406	4	6,4	1/4	9/16	18	39,5	16,5	19	420	6091
F45J0408	4	6,4	1/4	3/4	16	50	20	24	420	6091
F45J0505	5	7,9	5/16	1/2	20	40	17	17	420	6091
F45J0506	5	7,9	5/16	9/16	18	49,5	18,5	19	420	6091
F45J0507	5	7,9	5/16	5/8	18	50	19	22	420	6091
F45J0508	5	7,9	5/16	3/4	16	50,5	19,5	24	420	6091
F45J0606	6	9,5	3/8	9/16	18	53	18	19	420	6091
F45J0607	6	9,5	3/8	5/8	18	54	19	22	420	6091
F45J0608	6	9,5	3/8	3/4	16	54	19	24	420	6091
F45J0610	6	9,5	3/8	7/8	14	56	21	27	350	5076
F45J0808	8	12,5	1/2	3/4	16	62	20	24	420	6091
F45J0810	8	12,5	1/2	7/8	14	63	21	27	350	5076
F45J0812	8	12,5	1/2	1 1/16	12	64	22	32	350	5076
F45J1010	10	16	5/8	7/8	14	60	22	27	350	5076
F45J1012	10	16	5/8	1 1/16	12	63	25	32	350	5076
F45J1210	12	19	3/4	7/8	14	62	29	27	350	5076
F45J1212	12	19	3/4	1 1/16	12	62	29	32	350	5076
F45J1214	12	19	3/4	1 3/16	12	63	29	36	280	4061
F45J1216	12	19	3/4	1 5/16	12	63	29	41	280	4061
F45J1612	16	25,4	1	1 1/16	12	100	39,5	32	350	5076
F45J1616	16	25,4	1	1 5/16	12	88,5	39,5	41	280	4061
F45J1620	16	25,4	1	1 5/8	12	89,5	38,5	50	280	4061

JIC 37° FEMALE - 45° ELBOW (2)

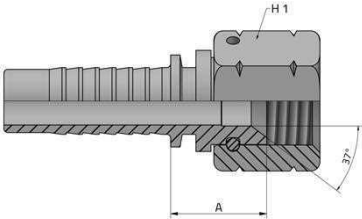
FEMMINA 45° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J2020	20	31,8	1 1/4	1 5/8	12	101	44	50	280	4061
F45J2024	20	31,8	1 1/4	1 7/8	12	103	45	55	210	3046
F45J2424	24	38,1	1 1/2	1 7/8	12	118	45	55	210	3046

JIC 37° FEMALE - THRUST WIRE NUT (1)

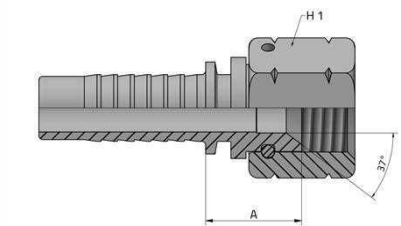
FEMMINA DIRITTA JIC SV 37° DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDJ0304SP	3	4,8	3/16	7/16	20	14,8	17	500	7252
FDJ0305SP	3	4,8	3/16	1/2	20	16,3	17	420	6091
FDJ0404SP	4	6,4	1/4	7/16	20	15,3	17	500	7252
FDJ0405SP	4	6,4	1/4	1/2	20	16,8	17	420	6091
FDJ0406SP	4	6,4	1/4	9/16	18	17,5	19	420	6091
FDJ0505SP	5	7,9	5/16	1/2	20	16,8	17	420	6091
FDJ0506SP	5	7,9	5/16	9/16	18	18	19	420	6091
FDJ0508SP	5	7,9	5/16	3/4	16	19	24	420	6091
FDJ0606SP	6	9,5	3/8	9/16	18	18,5	19	420	6091
FDJ0608SP	6	9,5	3/8	3/4	16	19	24	420	6091
FDJ0610SP	6	9,5	3/8	7/8	14	19,4	27	350	5076
FDJ0808SP	8	12,5	1/2	3/4	16	19,5	24	420	6091
FDJ0810SP	8	12,5	1/2	7/8	14	19,9	27	350	5076
FDJ0812SP	8	12,5	1/2	1 1/16	12	23	32	350	5076
FDJ1010SP	10	16	5/8	7/8	14	19,9	27	350	5076
FDJ1012SP	10	16	5/8	1 1/16	12	23	32	350	5076
FDJ1210SP	12	19	3/4	7/8	14	20,6	27	350	5076
FDJ1212SP	12	19	3/4	1 1/16	12	23,2	32	350	5076
FDJ1216SP	12	19	3/4	1 5/16	12	23,7	41	280	4061
FDJ1612SP	16	25,4	1	1 1/16	12	24,5	32	350	5076
FDJ1616SP	16	25,4	1	1 5/16	12	24,5	41	280	4061
FDJ1620SP	16	25,4	1	1 5/8	12	29	50	280	4061
FDJ2020SP	20	31,8	1 1/4	1 5/8	12	29	50	280	4061
FDJ2024SP	20	31,8	1 1/4	1 7/8	12	31	55	210	3046
FDJ2424SP	24	38,1	1 1/2	1 7/8	12	31	55	210	3046
FDJ2432SP	24	38,1	1 1/2	2 1/2	12	31,5	70	140	2030

JIC 37° FEMALE - THRUST WIRE NUT (2)

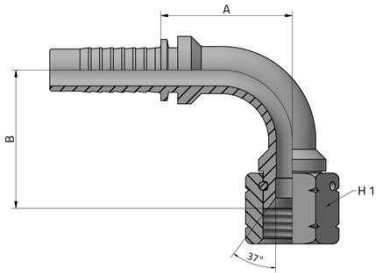
FEMMINA DIRITTA JIC SV 37° DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDJ3232SP	32	50,8	2	2 1/2	12	32,5	70	140	2030

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

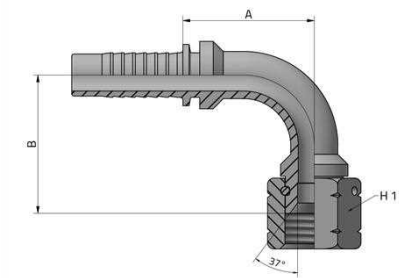
FEMMINA 90° JIC SV 37° CON DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J0304SP	3	4,8	3/16	7/16	20	23	26	17	500	7252
F90J0305SP	3	4,8	3/16	1/2	20	23	27	17	420	6091
F90J0404SP	4	6,4	1/4	7/16	20	23	26	17	500	7252
F90J0405SP	4	6,4	1/4	1/2	20	23	27	17	420	6091
F90J0406SP	4	6,4	1/4	9/16	18	23	27	19	420	6091
F90J0505SP	5	7,9	5/16	1/2	20	31,5	32	17	420	6091
F90J0506SP	5	7,9	5/16	9/16	18	31,5	32	19	420	6091
F90J0508SP	5	7,9	5/16	3/4	16	31,5	32,5	24	420	6091
F90J0606SP	6	9,5	3/8	9/16	18	33	35	19	420	6091
F90J0608SP	6	9,5	3/8	3/4	16	33	36,5	24	420	6091
F90J0610SP	6	9,5	3/8	7/8	14	33	39,5	27	350	5076
F90J0808SP	8	12,5	1/2	3/4	16	39	41	24	420	6091
F90J0810SP	8	12,5	1/2	7/8	14	39	42,5	27	350	5076
F90J0812SP	8	12,5	1/2	1 1/16	12	39	50	32	350	5076
F90J1010SP	10	16	5/8	7/8	14	49	50	27	350	5076
F90J1012SP	10	16	5/8	1 1/16	12	49	55	32	350	5076
F90J1210SP	12	19	3/4	7/8	14	53,5	58	27	350	5076
F90J1212SP	12	19	3/4	1 1/16	12	53,5	58	32	350	5076
F90J1216SP	12	19	3/4	1 5/16	12	53,5	62,5	41	280	4061
F90J1612SP	16	25,4	1	1 1/16	12	69	80	32	350	5076
F90J1616SP	16	25,4	1	1 5/16	12	73	69,5	41	280	4061
F90J1620SP	16	25,4	1	1 5/8	12	73	78,5	50	280	4061
F90J2020SP	20	31,8	1 1/4	1 5/8	12	89	91,5	50	280	4061
F90J2024SP	20	31,8	1 1/4	1 7/8	12	89	99	55	210	3046
F90J2424SP	24	38,1	1 1/2	1 7/8	12	101	112,5	55	210	3046
F90J2432SP	24	38,1	1 1/2	2 1/2	12	101	115,5	70	140	2030

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

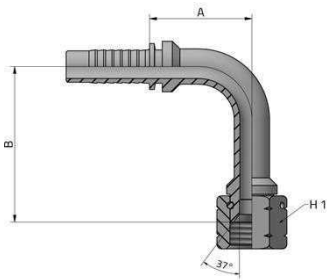
FEMMINA 90° JIC SV 37° CON DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J3232SP	32	50,8	2	2 1/2	12	135	136	70	140	2030

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

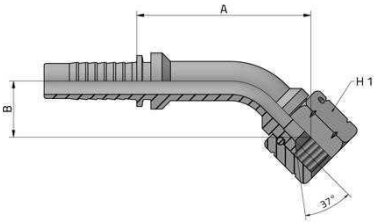
FEMMINA 90° JIC SV 37° CON DADO SPINATO LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J0404SPLD	4	6,4	1/4	7/16	20	28,5	45	17	500	7252
F90J0405SPLD	4	6,4	1/4	1/2	20	28,5	45	17	420	6091
F90J0406SPLD	4	6,4	1/4	9/16	18	29,5	55,5	19	420	6091
F90J0606SPLD	6	9,5	3/8	9/16	18	35,5	55	19	420	6091
F90J0608SPLD	6	9,5	3/8	3/4	16	36,5	61,5	24	420	6091
F90J0808SPLD	8	12,5	1/2	3/4	16	40,5	61,5	24	420	6091
F90J0810SPLD	8	12,5	1/2	7/8	14	45	65	27	350	5076
F90J1010SPLD	10	16	5/8	7/8	14	53,5	65,5	27	350	5076
F90J1212SPLD	12	19	3/4	1 1/16	12	62	94,5	32	350	5076
F90J1616SPLD	16	25,4	1	1 5/16	12	77	132	41	280	4061

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

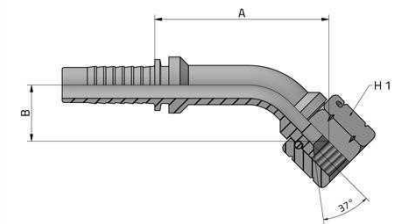
FEMMINA 45° JIC SV 37° CON DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J0304SP	3	4,8	3/16	7/16	20	38	15	17	500	7252
F45J0305SP	3	4,8	3/16	1/2	20	40	17	17	420	6091
F45J0404SP	4	6,4	1/4	7/16	20	38	15	17	500	7252
F45J0405SP	4	6,4	1/4	1/2	20	40	17	17	420	6091
F45J0406SP	4	6,4	1/4	9/16	18	39,5	16,5	19	420	6091
F45J0505SP	5	7,9	5/16	1/2	20	40	17	17	420	6091
F45J0506SP	5	7,9	5/16	9/16	18	49,5	18,5	19	420	6091
F45J0508SP	5	7,9	5/16	3/4	16	50,5	19,5	24	420	6091
F45J0606SP	6	9,5	3/8	9/16	18	53	18	19	420	6091
F45J0608SP	6	9,5	3/8	3/4	16	54	19	24	420	6091
F45J0610SP	6	9,5	3/8	7/8	14	56	21	27	350	5076
F45J0808SP	8	12,5	1/2	3/4	16	62	20	24	420	6091
F45J0810SP	8	12,5	1/2	7/8	14	63	21	27	350	5076
F45J0812SP	8	12,5	1/2	1 1/16	12	64	22	32	350	5076
F45J1010SP	10	16	5/8	7/8	14	60	22	27	350	5076
F45J1012SP	10	16	5/8	1 1/16	12	63	25	32	350	5076
F45J1210SP	12	19	3/4	7/8	14	62	29	27	350	5076
F45J1212SP	12	19	3/4	1 1/16	12	62	29	32	350	5076
F45J1216SP	12	19	3/4	1 5/16	12	63	29	41	280	4061
F45J1612SP	16	25,4	1	1 1/16	12	100	39,5	32	350	5076
F45J1616SP	16	25,4	1	1 5/16	12	88,5	39,5	41	280	4061
F45J1620SP	16	25,4	1	1 5/8	12	89,5	38,5	50	280	4061
F45J2020SP	20	31,8	1 1/4	1 5/8	12	101	44	50	280	4061
F45J2024SP	20	31,8	1 1/4	1 7/8	12	103	45	55	210	3046
F45J2424SP	24	38,1	1 1/2	1 7/8	12	118	45	55	210	3046
F45J2432SP	24	38,1	1 1/2	2 1/2	12	121	45,5	70	140	2030

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

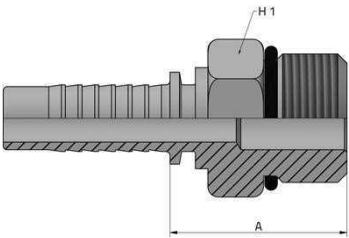
FEMMINA 45° JIC SV 37° CON DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J3232SP	32	50,8	2	2 1/2	12	156	65,5	70	140	2030

O-RING BOSS MALE

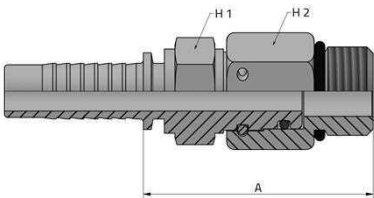
MASCHIO O-RING BOSS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MOB0404	4	6,4	1/4	7/16	20	24,5	14	500	7252
MOB0405	4	6,4	1/4	1/2	20	26	17	420	6091
MOB0406	4	6,4	1/4	9/16	18	28,5	17	420	6091
MOB0606	6	9,5	3/8	9/16	18	28,5	17	420	6091
MOB0608	6	9,5	3/8	3/4	16	31	22	420	6091
MOB0610	6	9,5	3/8	7/8	14	35	27	350	5076
MOB0808	8	12,5	1/2	3/4	16	31,5	22	420	6091
MOB0810	8	12,5	1/2	7/8	14	35	27	350	5076
MOB0812	8	12,5	1/2	1 1/16	12	39,5	32	350	5076
MOB1008	10	16	5/8	3/4	16	32	24	420	6091
MOB1010	10	16	5/8	7/8	14	35,5	27	350	5076
MOB1012	10	16	5/8	1 1/16	12	39,5	32	350	5076
MOB1212	12	19	3/4	1 1/16	12	39,7	32	350	5076
MOB1216	12	19	3/4	1 5/16	12	41,7	38	280	4061
MOB1616	16	25,4	1	1 5/16	12	43	38	280	4061
MOB1620	16	25,4	1	1 5/8	12	44	46	280	4061
MOB2020	20	31,8	1 1/4	1 5/8	12	44,5	46	280	4061

O-RING BOSS SWIVEL MALE

MASCHIO O-RING BOSS GIREVOLE



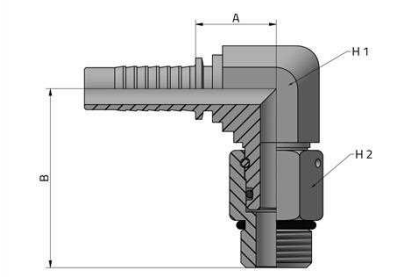
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
* MOB0404SW	4	6,4	1/4	7/16	20	49,7	14	17	350	5076
* MOB0406SW	4	6,4	1/4	9/16	18	51,9	17	22	350	5076
MOB0604SW	6	9,5	3/8	7/16	20	52,5	17	17	350	5076
* MOB0606SW	6	9,5	3/8	9/16	18	54,9	17	22	350	5076
* MOB0608SW	6	9,5	3/8	3/4	16	58,5	22	27	350	5076
MOB0806SW	8	12,5	1/2	9/16	18	55,9	22	22	350	5076
* MOB0808SW	8	12,5	1/2	3/4	16	59	22	27	350	5076
* MOB0812SW	8	12,5	1/2	1 1/16	12	63,3	27	32	280	4061
* MOB1212SW	12	19	3/4	1 1/16	12	71,7	32	32	280	4061
MOB1616SW	16	25,4	1	1 5/16	12	74	38	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

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

MASCHIO 90° O-RING BOSS GIREVOLE COMPATTA



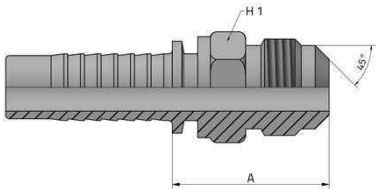
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	H2 mm	PN bar	PN psi
* MOB900404SW	4	6,4	1/4	7/16	20	23,5	52	22	17	350	5076
* MOB900406SW	4	6,4	1/4	9/16	18	23,5	54,4	22	22	350	5076
MOB900604SW	6	9,5	3/8	7/16	20	23,5	52	22	17	350	5076
* MOB900606SW	6	9,5	3/8	9/16	18	23,5	54,4	22	22	350	5076
* MOB900608SW	6	9,5	3/8	3/4	16	23,5	57,5	22	27	350	5076
MOB900806SW	8	12,5	1/2	9/16	18	24	54,4	22	22	350	5076
* MOB900808SW	8	12,5	1/2	3/4	16	24	57,5	22	27	350	5076
* MOB900812SW	8	12,5	1/2	1 1/16	12	24	71,5	27	32	280	4061
* MOB901212SW	12	19	3/4	1 1/16	12	25,2	71,5	27	32	280	4061
MOB901616SW	16	25,4	1	1 5/16	12	32,5	72,5	33	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

SAE 45° MALE

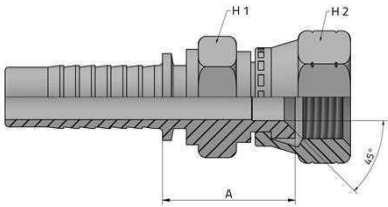
MASCHIO SAE CONO 45°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MJ0404SV45	4	6,4	1/4	7/16	20	27,5	12	500	7252
MJ0405SV45	4	6,4	1/4	1/2	20	27,5	14	500	7252
MJ0607SV45	6	9,5	3/8	5/8	18	30	17	420	6091
MJ0608SV45	6	9,5	3/8	3/4	16	31	19	420	6091
MJ0808SV45	8	12,5	1/2	3/4	16	31,5	19	420	6091
MJ0810SV45	8	12,5	1/2	7/8	14	35,5	24	350	5076
MJ1212SV45	12	19	3/4	1 1/16	12	40,7	30	350	5076

SAE 45° FEMALE (DOUBLE HEXAGON)

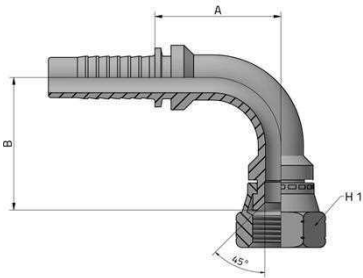
FEMMINA SAE DIRITTA CONO 45°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
FDJ0404GIR45	4	6,4	1/4	7/16	20	24	14	15	500	7252
FDJ0405GIR45	4	6,4	1/4	1/2	20	24,5	14	17	500	7252
FDJ0607GIR45	6	9,5	3/8	5/8	18	25,7	17	22	420	6091
FDJ0608GIR45	6	9,5	3/8	3/4	16	27,8	19	24	420	6091
FDJ0808GIR45	8	12,5	1/2	3/4	16	27,8	22	24	420	6091
FDJ0810GIR45	8	12,5	1/2	7/8	14	30	22	27	350	5076
FDJ1212GIR45	12	19	3/4	1 1/16	14	35,2	27	32	350	5076

SAE 45° FEMALE - 90° ELBOW

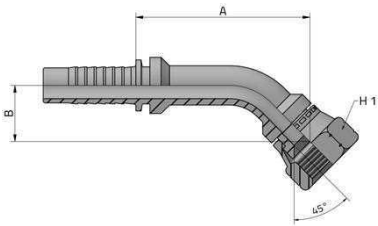
FEMMINA SAE A 90° SV 45°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J0404SV45	4	6,4	1/4	7/16	20	23	26	15	500	7252
F90J0405SV45	4	6,4	1/4	1/2	20	23	27	17	420	6091
F90J0507SV45	5	7,9	5/16	5/8	18	31,5	32,5	22	420	6091
F90J0607SV45	6	9,5	3/8	5/8	18	33	35,5	22	420	6091
F90J0608SV45	6	9,5	3/8	3/4	16	33	36,5	24	420	6091
F90J0808SV45	8	12,5	1/2	3/4	16	39	41	24	420	6091
F90J1212SV45	12	19	3/4	1 1/16	14	53,5	58	32	350	5076

SAE 45° FEMALE - 45° ELBOW

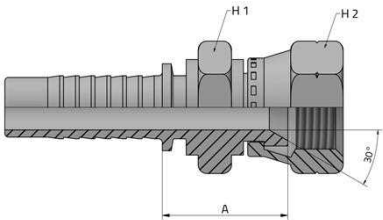
FEMMINA SAE A 45° SV 45°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J0404SV45	4	6,4	1/4	7/16	20	38	15	15	500	7252
F45J0405SV45	4	6,4	1/4	1/2	20	40	17	17	420	6091
F45J0607SV45	6	9,5	3/8	5/8	18	54	19	22	420	6091
F45J0608SV45	6	9,5	3/8	3/4	16	54	19	24	420	6091
F45J0808SV45	8	12,5	1/2	3/4	16	62	20	24	420	6091
F45J0810SV45	8	12,5	1/2	7/8	14	63	21	27	350	5076
F45J0812SV45	8	12,5	1/2	1 1/16	14	64	22	32	350	5076
F45J1212SV45	12	19	3/4	1 1/16	14	62	29	32	350	5076

KOMATSU STYLE METRIC FEMALE

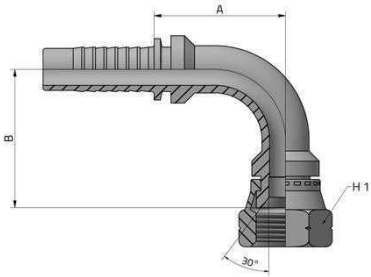
FEMMINA METRICA "KOMATSU" SV 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	H2 mm	PN bar	PN psi
FDK0414	4	6,4	1/4	14x1,5	24,7	17	19	350	5076
FDK0416	4	6,4	1/4	16x1,5	24,7	19	22	280	4061
FDK0516	5	7,9	5/16	16x1,5	24,7	19	22	280	4061
FDK0614	6	9,5	3/8	14x1,5	24,7	17	19	280	4061
FDK0616	6	9,5	3/8	16x1,5	24,7	19	22	280	4061
FDK0618	6	9,5	3/8	18x1,5	26,3	24	24	280	4061
FDK0818	8	12,5	1/2	18x1,5	26,8	24	24	280	4061
FDK0820	8	12,5	1/2	20x1,5	29,5	27	27	200	2901
FDK0822	8	12,5	1/2	22x1,5	29,5	27	27	200	2901
FDK0824	8	12,5	1/2	24x1,5	32,5	32	32	200	2901
FDK1022	10	16	5/8	22x1,5	30	27	27	200	2901
FDK1024	10	16	5/8	24x1,5	33	32	32	200	2901
FDK1230	12	19	3/4	30x1,5	32,5	36	36	160	2320
FDK1633	16	25,4	1	33x1,5	34,6	41	41	160	2320
FDK2036	20	31,8	1 1/4	36x1,5	37,5	46	46	125	1813
FDK2442	24	38,1	1 1/2	42x1,5	36,1	50	50	100	1450

KOMATSU STYLE FEMALE - 90° ELBOW

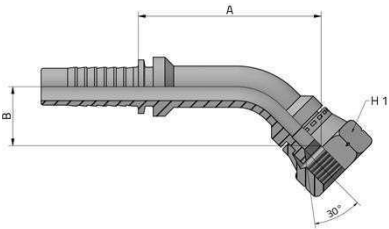
FEMMINA 90° METRICA "KOMATSU" SV 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90K0414	4	6,4	1/4	14x1,5	23	27	19	350	5076
F90K0416	4	6,4	1/4	16x1,5	23	27	22	250	3626
F90K0516	5	7,9	5/16	16x1,5	31,5	32	22	250	3626
F90K0614	6	9,5	3/8	14x1,5	33	35	19	250	3626
F90K0616	6	9,5	3/8	16x1,5	33	35	22	250	3626
F90K0618	6	9,5	3/8	18x1,5	33	36,5	24	250	3626
F90K0818	8	12,5	1/2	18x1,5	39	41	24	250	3626
F90K0820	8	12,5	1/2	20x1,5	39	43,5	27	200	2901
F90K0822	8	12,5	1/2	22x1,5	39	43,5	27	200	2901
F90K0824	8	12,5	1/2	24x1,5	39	50	32	200	2901
F90K1022	10	16	5/8	22x1,5	49	50	27	200	2901
F90K1024	10	16	5/8	24x1,5	49	55	32	200	2901
F90K1230	12	19	3/4	30x1,5	53,5	62,5	36	160	2320
F90K1633	16	25,4	1	33x1,5	73	69,5	41	160	2320
F90K2036	20	31,8	1 1/4	36x1,5	89	88	46	125	1813
F90K2442	24	38,1	1 1/2	42x1,5	101	106,5	50	100	1450

KOMATSU STYLE FEMALE - 45° ELBOW

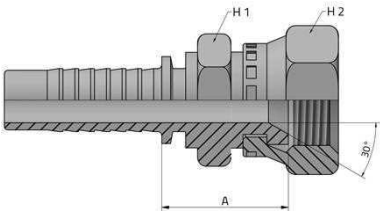
FEMMINA 45° METRICA "KOMATSU" SV 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45K0414	4	6,4	1/4	14x1,5	40	17	19	350	5076
F45K0416	4	6,4	1/4	16x1,5	40	17	22	250	3626
F45K0516	5	7,9	5/16	16x1,5	49,5	18,5	22	250	3626
F45K0614	6	9,5	3/8	14x1,5	53	18	19	250	3626
F45K0616	6	9,5	3/8	16x1,5	53	18	22	250	3626
F45K0618	6	9,5	3/8	18x1,5	54	19	24	250	3626
F45K0818	8	12,5	1/2	18x1,5	62	20	24	250	3626
F45K0820	8	12,5	1/2	20x1,5	63	22	27	200	2901
F45K0822	8	12,5	1/2	22x1,5	63	22	27	200	2901
F45K0824	8	12,5	1/2	24x1,5	64	22	32	200	2901
F45K1022	10	16	5/8	22x1,5	60	22	27	200	2901
F45K1024	10	16	5/8	24x1,5	63	25	32	200	2901
F45K1230	12	19	3/4	30x1,5	63	29	36	160	2320
F45K1633	16	25,4	1	33x1,5	88,5	39,5	41	160	2320
F45K2036	20	31,8	1 1/4	36x1,5	101	40	46	125	1813
F45K2442	24	38,1	1 1/2	42x1,5	118	39	50	100	1450

TOYOTA STYLE FEMALE

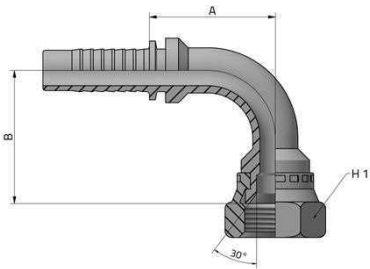
FEMMINA DIRITTA TOYOTA SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
FDT0404	4	6,4	1/4	1/4	19	23	17	19	350	5076
FDT0406	4	6,4	1/4	3/8	19	24,5	19	22	280	4061
FDT0506	5	7,9	5/16	3/8	19	24,1	19	22	280	4061
FDT0606	6	9,5	3/8	3/8	19	24,1	19	22	280	4061
FDT0808	8	12,5	1/2	1/2	14	27,5	22	27	200	2901
FDT0812	8	12,5	1/2	3/4	14	29,2	27	32	200	2901
FDT1212	12	19	3/4	3/4	14	29,2	27	32	200	2901
FDT1616	16	25,4	1	1	11	32,9	32	38	160	2320
FDT2020	20	31,8	1 1/4	1 1/4	11	37	41	50	125	1813
FDT2424	24	38,1	1 1/2	1 1/2	11	39,5	50	55	100	1450

TOYOTA STYLE FEMALE - 90° ELBOW

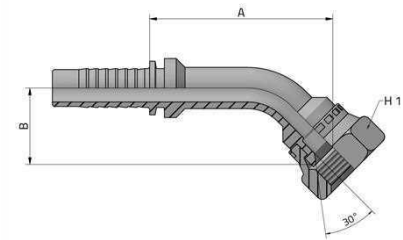
FEMMINA 90° TOYOTA



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90T0404	4	6,4	1/4	1/4	19	23	26	19	350	5076
F90T0506	5	7,9	5/16	3/8	19	31,5	32	22	280	4061
F90T0606	6	9,5	3/8	3/8	19	33	34,5	22	280	4061
F90T0808	8	12,5	1/2	1/2	14	39	41	27	200	2901
F90T1212	12	19	3/4	3/4	14	53,5	54,5	32	200	2901
F90T1616	16	25,4	1	1	11	73	68	38	160	2320
F90T2020	20	31,8	1 1/4	1 1/2	11	89	88,5	50	125	1813
F90T2424	24	38,1	1 1/2	1 1/2	11	101	109,5	55	100	1450

TOYOTA STYLE FEMALE - 45° ELBOW

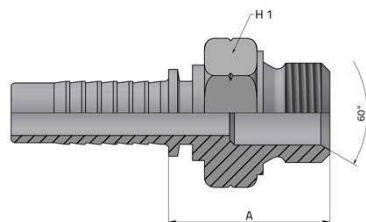
FEMMINA 45° TOYOTA



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45T0404	4	6,4	1/4	1/4	19	40	14	19	350	5076
F45T0506	5	7,9	5/16	3/8	19	49,5	18,5	22	280	4061
F45T0606	6	9,5	3/8	3/8	19	55	16,5	22	280	4061
F45T0808	8	12,5	1/2	1/2	14	65	19	27	200	2901
F45T1212	12	19	3/4	3/4	14	63	24,5	32	200	2901
F45T1616	16	25,4	1	1	11	90	37	38	160	2320
F45T2020	20	31,8	1 1/4	1 1/4	11	102	39,5	50	125	1813
F45T2424	24	38,1	1 1/2	1 1/2	11	118	40,5	55	100	1450

METRIC MALE 60° CONE (1)

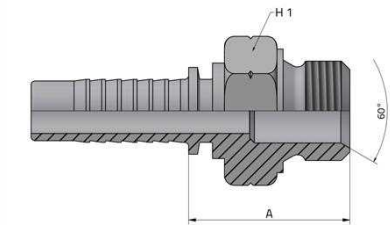
MASCHIO METRICO SV 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
MM0310	3	4,8	3/16	10x1	21	14	400	5801
MM0312	3	4,8	3/16	12x1,5	26,5	17	400	5801
MM0410	4	6,4	1/4	10x1	21	14	400	5801
MM0412	4	6,4	1/4	12x1,5	27,5	17	400	5801
MM0414	4	6,4	1/4	14x1,5	27,5	19	400	5801
MM0416	4	6,4	1/4	16x1,5	29	22	400	5801
MM0418	4	6,4	1/4	18x1,5	29	24	400	5801
MM0514	5	7,9	5/16	14x1,5	27,5	19	350	5076
MM0516	5	7,9	5/16	16x1,5	29	22	350	5076
MM0518	5	7,9	5/16	18x1,5	29	24	350	5076
MM0614	6	9,5	3/8	14x1,5	27,5	19	400	5801
MM0616	6	9,5	3/8	16x1,5	29	22	400	5801
MM0618	6	9,5	3/8	18x1,5	29	24	400	5801
MM0620	6	9,5	3/8	20x1,5	32,5	27	350	5076
MM0622	6	9,5	3/8	22x1,5	32,5	27	350	5076
MM0818	8	12,5	1/2	18x1,5	29,5	24	400	5801
MM0820	8	12,5	1/2	20x1,5	33	27	350	5076
MM0822	8	12,5	1/2	22x1,5	33	27	350	5076
MM0824	8	12,5	1/2	24x1,5	35	30	315	4568
MM0826	8	12,5	1/2	26x1,5	36,5	32	315	4568
MM1026	10	16	5/8	26x1,5	36,5	32	315	4568
MM1027	10	16	5/8	27x1,5	36,5	32	315	4568
MM1226	12	19	3/4	26x1,5	37	32	315	4568
MM1230	12	19	3/4	30x1,5	37,2	36	250	3626
MM1638	16	25,4	1	38x1,5	39	46	200	2901
MM2045	20	31,8	1 1/4	45x1,5	43,5	50	160	2320

METRIC MALE 60° CONE (2)

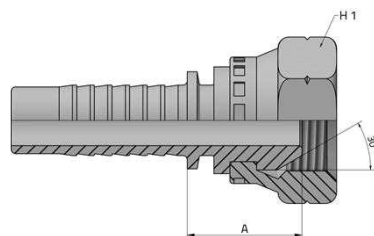
MASCHIO METRICO SV 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
MM2452	24	38,1	1 1/2	52x1,5	46	55	125	1813

METRIC FEMALE - 60° CONE (1)

FEMMINA METRICA SV 60°



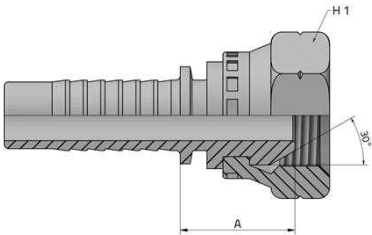
Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FDM0310	3	4,8	3/16	10x1	18	15	350	5076
FDM0312	3	4,8	3/16	12x1,5	18	17	350	5076
FDM0410	4	6,4	1/4	10x1	18	15	350	5076
FDM0412	4	6,4	1/4	12x1,5	18	17	350	5076
FDM0414	4	6,4	1/4	14x1,5	18	19	350	5076
FDM0416	4	6,4	1/4	16x1,5	19	22	350	5076
FDM0418	4	6,4	1/4	18x1,5	19	22	350	5076
FDM0514	5	7,9	5/16	14x1,5	18	19	350	5076
FDM0516	5	7,9	5/16	16x1,5	19	22	350	5076
FDM0518	5	7,9	5/16	18x1,5	19	22	350	5076
FDM0614	6	9,5	3/8	14x1,5	19	19	350	5076
FDM0616	6	9,5	3/8	16x1,5	20	22	350	5076
FDM0618	6	9,5	3/8	18x1,5	20	22	350	5076
FDM0620	6	9,5	3/8	20x1,5	21	27	315	4568
FDM0622	6	9,5	3/8	22x1,5	21	27	315	4568
FDM0818	8	12,5	1/2	18x1,5	20	24	315	4568
FDM0820	8	12,5	1/2	20x1,5	22	27	315	4568
FDM0822	8	12,5	1/2	22x1,5	22	27	315	4568
FDM0824	8	12,5	1/2	24x1,5	23,5	30	250	3626
FDM0826	8	12,5	1/2	26x1,5	24	32	250	3626
FDM1026	10	16	5/8	26x1,5	24	32	250	3626
FDM1027	10	16	5/8	27X1,5	24	32	250	3626
FDM1226	12	19	3/4	26x1,5	25	32	315	4568
FDM1227	12	19	3/4	27x1,5	25	32	250	3626
* FDM1230	12	19	3/4	30x1,5	29,7	36	200	2901
FDM1233	12	19	3/4	33x2	27,6	38	160	2320

* Removable nut + spherical seating

Dado sfilabile + ogiva sferica

METRIC FEMALE - 60° CONE (2)

FEMMINA METRICA SV 60°

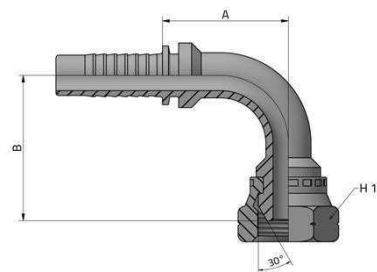


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FDM1238	12	19	3/4	38x1,5	33,2	46	200	2901
* FDM1638	16	25,4	1	38x1,5	34	46	125	1813
* FDM2045	20	31,8	1 1/4	45x1,5	31	50	125	1813
FDM2438	24	38,1	1 1/2	38x1,5	32	46	125	1813
* FDM2452	24	38,1	1 1/2	52x1,5	37,4	60	125	1813

* Removable nut + spherical seating
Dado sfilabile + ogiva sferica

METRIC FEMALE - 90° ELBOW (1)

FEMMINA 90° METRICA SV 60°



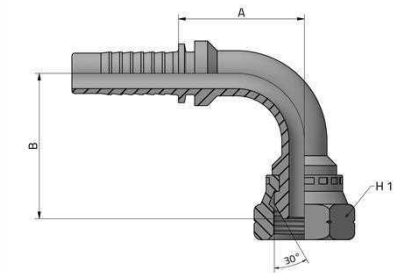
Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90M0310	3	4,8	3/16	10x1	23	29	15	350	5076
F90M0312	3	4,8	3/16	12x1,5	23	29	17	350	5076
F90M0410	4	6,4	1/4	10x1	23	29	15	350	5076
F90M0412	4	6,4	1/4	12x1,5	23	29	17	350	5076
F90M0414	4	6,4	1/4	14x1,5	23	29	19	350	5076
F90M0416	4	6,4	1/4	16x1,5	23	32	22	350	5076
F90M0418	4	6,4	1/4	18x1,5	23	32	22	350	5076
F90M0514	5	7,9	5/16	14x1,5	31,5	33,5	19	350	5076
F90M0516	5	7,9	5/16	16x1,5	31,5	35,5	22	350	5076
F90M0518	5	7,9	5/16	18x1,5	31,5	35,5	22	350	5076
F90M0520	5	7,9	5/16	20x1,5	32	39	27	315	4568
F90M0614	6	9,5	3/8	14x1,5	33	37	19	350	5076
F90M0616	6	9,5	3/8	16x1,5	33	38	22	350	5076
F90M0618	6	9,5	3/8	18x1,5	33	38	22	350	5076
F90M0620	6	9,5	3/8	20x1,5	33	42	27	315	4568
F90M0622	6	9,5	3/8	22x1,5	33	42	27	315	4568
F90M0818	8	12,5	1/2	18x1,5	39	43	22	315	4568
F90M0820	8	12,5	1/2	20x1,5	39	45	27	315	4568
F90M0822	8	12,5	1/2	22x1,5	39	45	27	315	4568
F90M0824	8	12,5	1/2	24x1,5	39	47	30	250	3626
F90M0826	8	12,5	1/2	26x1,5	39	51	32	250	3626
F90M1026	10	16	5/8	26x1,5	49	56	32	250	3626
F90M1027	10	16	5/8	27X1,5	49	56	32	250	3626
F90M1226	12	19	3/4	26x1,5	53,5	59	32	250	3626
F90M1227	12	19	3/4	27X1,5	53,5	59	32	250	3626
* F90M1230	12	19	3/4	30x1,5	53,5	63	36	200	2901

* Removable nut + spherical seating

Dado sfilabile + ogiva sferica

METRIC FEMALE - 90° ELBOW (2)

FEMMINA 90° METRICA SV 60°

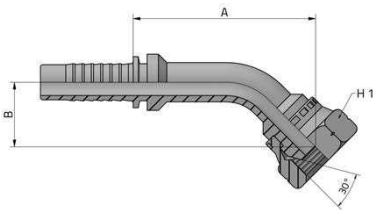


	Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
*	F90M1638	16	25,4	1	38x1,5	73	72	46	125	1813
*	F90M2045	20	31,8	1 1/4	45x1,5	93	89	50	125	1813
*	F90M2452	24	38,1	1 1/2	52x1,5	99	110	60	125	1813

* Removable nut + spherical seating
Dado sfilabile + ogiva sferica

METRIC FEMALE - 45° ELBOW (1)

FEMMINA 45° METRICA SV 60°

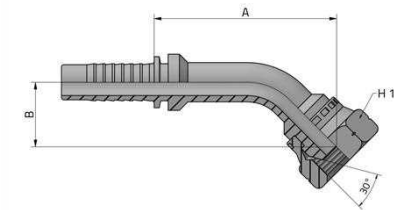


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45M0310	3	4,8	3/16	10x1	40	17	15	350	5076
F45M0312	3	4,8	3/16	12x1,5	40	17	17	350	5076
F45M0410	4	6,4	1/4	10x1	40	17	15	350	5076
F45M0412	4	6,4	1/4	12x1,5	40	17	17	350	5076
F45M0414	4	6,4	1/4	14x1,5	40	17	19	350	5076
F45M0416	4	6,4	1/4	16x1,5	43	20	22	350	5076
F45M0418	4	6,4	1/4	18x1,5	43	20	22	350	5076
F45M0514	5	7,9	5/16	14x1,5	40	17	19	350	5076
F45M0516	5	7,9	5/16	16x1,5	43	20	22	350	5076
F45M0518	5	7,9	5/16	18x1,5	43	20	22	350	5076
F45M0614	6	9,5	3/8	14x1,5	55	20	19	350	5076
F45M0616	6	9,5	3/8	16x1,5	55	20	22	350	5076
F45M0618	6	9,5	3/8	18x1,5	55	20	22	350	5076
F45M0620	6	9,5	3/8	20x1,5	58	23	27	315	4568
F45M0622	6	9,5	3/8	22x1,5	58	23	27	315	4568
F45M0818	8	12,5	1/2	18x1,5	65	23	22	315	4568
F45M0820	8	12,5	1/2	20x1,5	65	23	27	315	4568
F45M0822	8	12,5	1/2	22x1,5	65	23	27	315	4568
F45M0824	8	12,5	1/2	24x1,5	66	21	30	250	3626
F45M0826	8	12,5	1/2	26x1,5	66	21	32	250	3626
F45M1026	10	16	5/8	26x1,5	64	26	32	250	3626
F45M1027	10	16	5/8	27x1,5	64	26	32	250	3626
F45M1226	12	19	3/4	26x1,5	63	29	32	250	3626
F45M1227	12	19	3/4	27x1,5	63	29	32	250	3626
* F45M1230	12	19	3/4	30x1,5	65	31	36	200	2901
* F45M1638	16	25,4	1	38x1,5	90	41	46	125	1813

* Removable nut + spherical seating
Dado sfilabile + ogiva sferica

METRIC FEMALE - 45° ELBOW (2)

FEMMINA 45° METRICA SV 60°

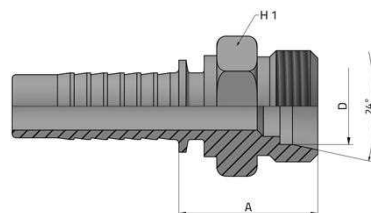


	Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
*	F45M2045	20	31,8	1 1/4	45x1,5	103	45	50	125	1813
*	F45M2452	24	38,1	1 1/2	52x1,5	119	53	60	125	1813

* Removable nut + spherical seating
Dado sfilabile + ogiva sferica

METRIC MALE 24° CONE - L TYPE

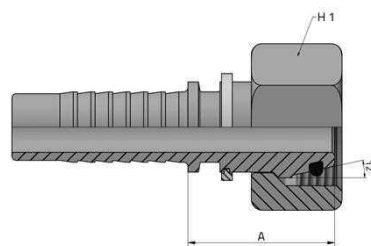
MASCHIO METRICO 24° DKOL



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
ME0312L6	3	4,8	3/16	12x1,5	22,5	14	500	7252
ME0314L8	3	4,8	3/16	14x1,5	22,5	15	500	7252
ME0412L6	4	6,4	1/4	12x1,5	23,5	14	500	7252
ME0414L8	4	6,4	1/4	14x1,5	23,5	15	500	7252
ME0416L10	4	6,4	1/4	16x1,5	25,5	17	500	7252
ME0418L12	4	6,4	1/4	18x1,5	26	19	400	5801
ME0514L8	5	7,9	5/16	14x1,5	23,5	15	500	7252
ME0516L10	5	7,9	5/16	16x1,5	25,5	17	500	7252
ME0518L12	5	7,9	5/16	18x1,5	26	19	400	5801
ME0614L8	6	9,5	3/8	14x1,5	24,5	17	500	7252
ME0616L10	6	9,5	3/8	16x1,5	25,5	17	500	7252
ME0618L12	6	9,5	3/8	18x1,5	26	19	400	5801
ME0622L15	6	9,5	3/8	22x1,5	27,5	24	400	5801
ME0818L12	8	12,5	1/2	18x1,5	26,5	22	400	5801
ME0822L15	8	12,5	1/2	22x1,5	28	24	400	5801
ME0826L18	8	12,5	1/2	26x1,5	28	27	400	5801
ME0830L22	8	12,5	1/2	30x2	32	32	250	3626
ME1026L18	10	16	5/8	26x1,5	28	27	400	5801
ME1030L22	10	16	5/8	30x2	31,5	32	250	3626
ME1226L18	12	19	3/4	26x1,5	28,7	27	400	5801
ME1230L22	12	19	3/4	30x2	32,2	32	250	3626
ME1236L28	12	19	3/4	36x2	32,7	38	250	3626
ME1630L22	16	25,4	1	30x2	32,5	34	250	3626
ME1636L28	16	25,4	1	36x2	33	38	250	3626
ME2045L35	20	31,8	1 1/4	54x2	38	46	250	3626
ME2452L42	24	38,1	1 1/2	52x2	38	55	250	3626

METRIC FEMALE 24° CONE - L TYPE (1)

FEMMINA 90° METRICA DKOL CON O-RING 24°

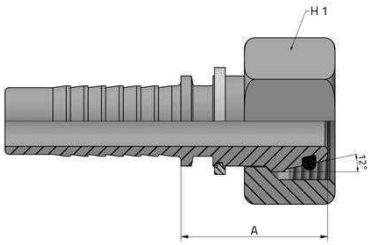


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE0312L6	3	4,8	3/16	12x1,5	22,5	14	500	7252
FE0314L8	3	4,8	3/16	14x1,5	24,5	17	500	7252
FE0316L10	3	4,8	3/16	16x1,5	25,5	19	500	7252
* FE0412L6	4	6,4	1/4	12x1,5	21	17	500	7252
FE0414L8	4	6,4	1/4	14x1,5	25,5	17	500	7252
FE0416L10	4	6,4	1/4	16x1,5	25,5	19	500	7252
FE0418L12	4	6,4	1/4	18x1,5	26	22	400	5801
* FE0514L8	5	7,9	5/16	14x1,5	21,5	19	500	7252
FE0514L8SF	5	7,9	5/16	14x1,5	25,5	17	500	7252
FE0516L10	5	7,9	5/16	16x1,5	25,5	19	500	7252
FE0518L12	5	7,9	5/16	18x1,5	26,5	22	400	5801
FE0522L15	5	7,9	5/16	22x1,5	28,5	27	400	5801
* FE0614L8	6	9,5	3/8	14x1,5	22	19	500	7252
* FE0616L10	6	9,5	3/8	16x1,5	24	19	500	7252
FE0618L12	6	9,5	3/8	18x1,5	26,5	22	400	5801
FE0622L15	6	9,5	3/8	22x1,5	27	27	400	5801
* FE0818L12	8	12,5	1/2	18x1,5	26	22	400	5801
FE0822L15	8	12,5	1/2	22x1,5	27,5	27	400	5801
FE0826L18	8	12,5	1/2	26x1,5	28	32	400	5801
* FE1022L15	10	16	5/8	22x1,5	25,5	27	400	5801
FE1026L18	10	16	5/8	26x1,5	28	32	400	5801
FE1030L22	10	16	5/8	30x2	30,5	36	250	3626
* FE1226L18	12	19	3/4	26x1,5	29	32	400	5801
FE1230L22	12	19	3/4	30x2	31	36	250	3626
FE1236L28	12	19	3/4	36x2	33,5	41	250	3626
* FE1630L22	16	25,4	1	30x2	29,5	36	250	3626

* Crimped nut - Dado pinzato

METRIC FEMALE 24° CONE - L TYPE (2)

FEMMINA 90° METRICA DKOL CON O-RING 24°

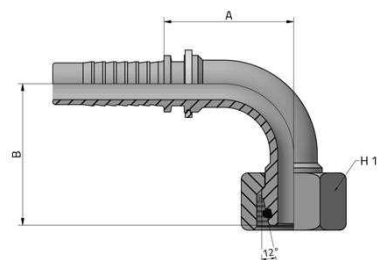


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE1636L28	16	25,4	1	36x2	34,5	41	250	3626
FE1645L35	16	25,4	1	45x2	40	50	250	3626
FE2045L35	20	31,8	1 1/4	45x2	41,5	50	250	3626
FE2052L42	20	31,8	1 1/4	52x2	39	60	250	3626
FE2452L42	24	38,1	1 1/2	52x2	39	60	250	3626

* Crimped nut - Dado pinzato

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

FEMMINA 90° METRICA DKOL CON O-RING 24°

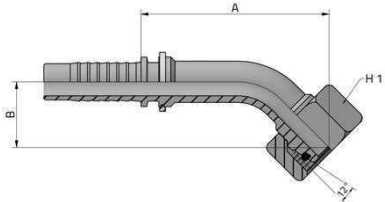


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90E0312L6	3	4,8	3/16	12x1,5	29,5	31,5	14	500	7252
F90E0314L8	3	4,8	3/16	14x1,5	29,5	31,5	17	500	7252
* F90E0412L6	4	6,4	1/4	12x1,5	29,5	31,5	17	500	7252
F90E0414L8	4	6,4	1/4	14x1,5	29,5	31,5	17	500	7252
F90E0416L10	4	6,4	1/4	16x1,5	29	32,5	19	500	7252
F90E0418L12	4	6,4	1/4	18x1,5	27	30,5	22	400	5801
* F90E0514L8	5	7,9	5/16	14x1,5	31,5	36,7	19	500	7252
F90E0516L10	5	7,9	5/16	16x1,5	31	32,5	19	500	7252
F90E0518L12	5	7,9	5/16	18x1,5	29	37	22	400	5801
* F90E0614L8	6	9,5	3/8	14x1,5	33	36	19	500	7252
* F90E0616L10	6	9,5	3/8	16x1,5	33	38	19	500	7252
F90E0618L12	6	9,5	3/8	18x1,5	35,5	37,5	22	400	5801
F90E0622L15	6	9,5	3/8	22x1,5	34	42	27	400	5801
* F90E0818L12	8	12,5	1/2	18x1,5	39	49	22	400	5801
F90E0822L15	8	12,5	1/2	22x1,5	39,5	44	27	400	5801
F90E0826L18	8	12,5	1/2	26x1,5	39,5	46,5	32	400	5801
* F90E1022L15	10	16	5/8	22x1,5	48,5	60	27	400	5801
F90E1026L18	10	16	5/8	26x1,5	48,5	50,5	32	400	5801
F90E1030L22	10	16	5/8	30x2	48,5	53	36	250	3626
* F90E1226L18	12	19	3/4	26x1,5	53,5	63,5	32	400	5801
F90E1230L22	12	19	3/4	30x2	56,5	55,5	36	250	3626
* F90E1630L22	16	25,4	1	30x2	73	76	32	250	3626
F90E1636L28	16	25,4	1	36x2	73	72,5	41	250	3626
F90E2045L35	20	31,8	1 1/4	45x2	92	86,5	50	350	3626
F90E2452L42	24	38,1	1 1/2	52x2	99	94	60	250	3626

* Crimped nut - Dado pinzato

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

FEMMINA 45° METRICA O-RING 24° DKOL CON O-RING

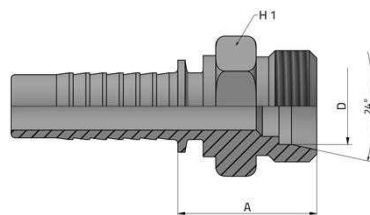


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45E0312L6	3	4,8	3/16	12x1,5	47	15	14	500	7252
F45E0314L8	3	4,8	3/16	14x1,5	37	15	17	500	7252
* F45E0412L6	4	6,4	1/4	12x1,5	40	17	17	500	7252
F45E0414L8	4	6,4	1/4	14x1,5	50	17	17	500	7252
F45E0416L10	4	6,4	1/4	16x1,5	48,5	17	19	500	7252
F45E0418L12	4	6,4	1/4	18x1,5	48,5	17	22	400	5801
* F45E0514L8	5	7,9	5/16	14x1,5	51	23,2	19	500	7252
F45E0516L10	5	7,9	5/16	16x1,5	52,5	17	19	500	7252
F45E0518L12	5	7,9	5/16	18x1,5	50	20	22	400	5801
* F45E0616L10	6	9,5	3/8	16x1,5	55	20	19	500	7252
F45E0618L12	6	9,5	3/8	18x1,5	57	17	22	400	5801
F45E0622L15	6	9,5	3/8	22x1,5	59	19	27	400	5801
* F45E0818L12	8	12,5	1/2	18x1,5	65	27	22	400	5801
F45E0822L15	8	12,5	1/2	22x1,5	64	22	27	400	5801
F45E0826L18	8	12,5	1/2	26x1,5	65	26	32	400	5801
* F45E1022L15	10	16	5/8	22x1,5	65	26	27	400	5801
F45E1026L18	10	16	5/8	26x1,5	61,5	28	32	400	5801
F45E1030L22	10	16	5/8	30x2	63,5	30	36	250	3626
* F45E1226L18	12	19	3/4	26x1,5	63	33,5	32	400	5801
F45E1230L22	12	19	3/4	30x2	63	27	36	250	3626
F45E1636L28	16	25,4	1	36x2	85,5	38,5	41	250	3626
F45E2045L35	20	31,8	1 1/4	45x2	104,5	35	50	250	3626
F45E2452L42	24	38,1	1 1/2	52x2	119	45	60	250	3626

* Crimped nut - Dado pinzato

METRIC MALE 24° CONE - S TYPE (1)

MASCHIO METRICO 24° DKOS

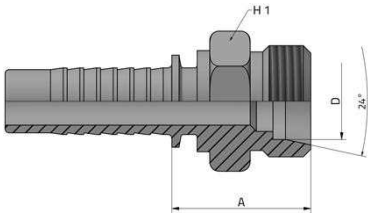


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
ME0314S6	3	4,8	3/16	14x1,5	24,5	15	800	11603
ME0316S8	3	4,8	3/16	16x1,5	24,5	17	800	11603
ME0414S6	4	6,4	1/4	14x1,5	25,5	15	800	11603
ME0416S8	4	6,4	1/4	16x1,5	25,5	17	800	11603
ME0418S10	4	6,4	1/4	18x1,5	25,5	19	800	11603
ME0420S12	4	6,4	1/4	20x1,5	27,5	22	630	9137
ME0518S10	5	7,9	5/16	18x1,5	26	19	800	11603
ME0520S12	5	7,9	5/16	20x1,5	27,5	22	630	9137
ME0614S6	6	9,5	3/8	14x1,5	26,5	17	800	11603
ME0618S10	6	9,5	3/8	18x1,5	25,5	19	800	11603
ME0620S12	6	9,5	3/8	20x1,5	27,5	22	630	9137
ME0622S14	6	9,5	3/8	22x1,5	30	24	630	9137
ME0624S16	6	9,5	3/8	24x1,5	31	27	630	9137
ME0820S12	8	12,5	1/2	20x1,5	28	22	630	9137
ME0822S14	8	12,5	1/2	22x1,5	30,5	24	630	9137
ME0824S16	8	12,5	1/2	24x1,5	31,5	27	630	9137
ME0830S20	8	12,5	1/2	30x2	34	32	420	6091
ME1024S16	10	16	5/8	24x1,5	31,5	27	630	9137
ME1030S20	10	16	5/8	30x2	33,5	32	420	6091
ME1036S25	10	16	5/8	36x2	38	38	420	6091
ME1230S20	12	19	3/4	30x2	34,7	32	420	6091
ME1236S25	12	19	3/4	36x2	38,7	38	420	6091
ME1242S30	12	19	3/4	42x2	40,7	46	420	6091
ME1636S25	16	25,4	1	36x2	39	38	420	6091
ME1642S30	16	25,4	1	42x2	41	46	420	6091
ME2042S30	20	31,8	1 1/4	42x2	42	46	420	6091

* Crimped nut - Dado pinzato

METRIC MALE 24° CONE - S TYPE (2)

MASCHIO METRICO 24° DK05

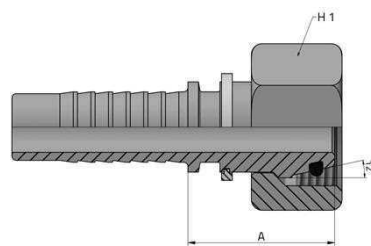


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
ME2052S38	20	31,8	1 1/4	52x2	46	55	420	6091
ME2452S38	24	38,1	1 1/2	52x2	46	55	420	6091

* Crimped nut - Dado pinzato

METRIC FEMALE 24° CONE - S TYPE (1)

FEMMINA DIRITTA METRICA O-RING 24° DKOS

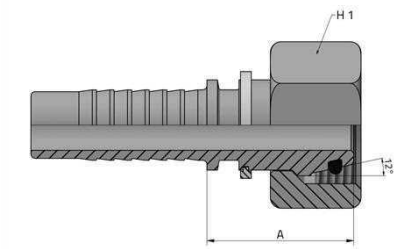


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE0314S6	3	4,8	3/16	14x1,5	22,5	19	800	11603
FE0316S8	3	4,8	3/16	16x1,5	24,5	19	800	11603
* FE0414S6	4	6,4	1/4	14x1,5	25,5	19	800	11603
FE0416S8	4	6,4	1/4	16x1,5	25,5	19	800	11603
FE0418S10	4	6,4	1/4	18x1,5	25,5	22	800	11603
FE0420S12	4	6,4	1/4	20x1,5	26	24	630	9137
FE0518S10	5	7,9	5/16	18x1,5	25,5	22	800	11603
FE0520S12	5	7,9	5/16	20x1,5	26,5	24	630	9137
* FE0618S10	6	9,5	3/8	18x1,5	24	22	800	11603
FE0620S12	6	9,5	3/8	20x1,5	26,5	24	630	9137
FE0622S14	6	9,5	3/8	22x1,5	31,5	27	630	9137
FE0624S16	6	9,5	3/8	24x1,5	31,5	30	630	9137
* FE0820S12	8	12,5	1/2	20x1,5	25	24	630	9137
FE0822S14	8	12,5	1/2	22x1,5	32	27	630	9137
FE0824S16	8	12,5	1/2	24x1,5	32	30	630	9137
* FE0830S20	8	12,5	1/2	30x2	37	36	420	6091
FE1024S16	10	16	5/8	24x1,5	27	30	630	9137
FE1030S20	10	16	5/8	30x2	37	36	420	6091
FE1036S25	10	16	5/8	36x2	38	46	420	6091
* FE1224S16	12	19	3/4	24x1,5	25,5	30	630	9137
FE1230S20	12	19	3/4	30x2	37,5	36	420	6091
FE1236S25	12	19	3/4	36x2	38,5	46	420	6091
FE1242S30	12	19	3/4	42x2	39,5	50	420	6091
FE1636S25	16	25,4	1	36x2	39,5	46	420	6091
FE1642S30	16	25,4	1	42x2	40,5	50	420	6091
FE2042S30	20	31,8	1 1/4	42x2	41,5	50	420	6091

* Crimped nut - Dado pinzato

METRIC FEMALE 24° CONE - S TYPE (2)

FEMMINA DIRITTA METRICA O-RING 24° DKOS

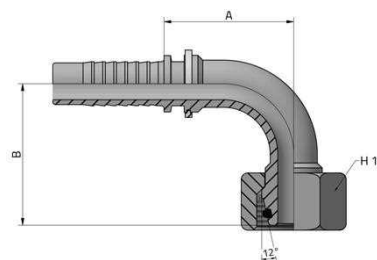


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE2052S38	20	31,8	1 1/4	52x2	47	60	420	6091
FE2452S38	24	38,1	1 1/2	52x2	47	60	420	6091

* Crimped nut - Dado pinzato

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

FEMMINA 90° METRICA O-RING 24° DKOS

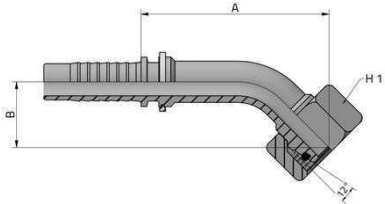


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90E0314S6	3	4,8	3/16	14x1,5	29,5	31,5	19	800	11603
F90E0316S8	3	4,8	3/16	16x1,5	29,5	31,5	19	800	11603
* F90E0414S6	4	6,4	1/4	14x1,5	29,5	31,5	19	800	11603
F90E0416S8	4	6,4	1/4	16x1,5	29,5	31,5	19	800	11603
F90E0418S10	4	6,4	1/4	18x1,5	29	32,5	22	800	11603
F90E0420S12	4	6,4	1/4	20x1,5	27	30,5	24	630	9137
F90E0518S10	5	7,9	5/16	18x1,5	31	32,5	22	800	11603
F90E0520S12	5	7,9	5/16	20x1,5	29	37	24	630	9137
* F90E0618S10	6	9,5	3/8	18x1,5	33	38	22	800	11603
F90E0620S12	6	9,5	3/8	20x1,5	35,5	37,5	24	630	9137
F90E0622S14	6	9,5	3/8	22x1,5	34	42	27	630	9137
F90E0624S16	6	9,5	3/8	24x1,5	34	42	30	630	9137
F90E0822S14	8	12,5	1/2	22x1,5	39,5	44	27	630	9137
F90E0824S16	8	12,5	1/2	24x1,5	39,5	45	30	630	9137
* F90E0830S20	8	12,5	1/2	30x2	39,5	48	36	420	6091
F90E1024S16	10	16	5/8	24x1,5	48	55	30	630	9137
F90E1030S20	10	16	5/8	30x2	48,5	56	36	420	6091
F90E1230S20	12	19	3/4	30x2	56,5	59	36	420	6091
F90E1236S25	12	19	3/4	36x2	56,5	59	46	420	6091
F90E1636S25	16	25,4	1	36x2	73	75	46	420	6091
F90E1642S30	16	25,4	1	42x2	73	75	50	420	6091
F90E2042S30	20	31,8	1 1/4	42x2	92	86	50	420	6091
F90E2052S38	20	31,8	1 1/4	52x2	92	86	60	420	6091
F90E2452S38	24	38,1	1 1/2	52x2	99	94	60	420	6091

* Crimped nut - Dado pinzato

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

FEMMINA 90° METRICA O-RING 24° DKOS

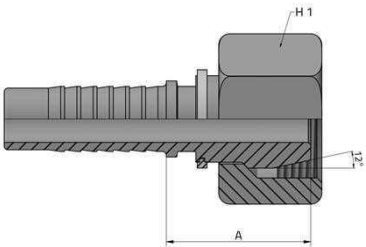


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45E0314S6	3	4,8	3/16	14x1,5	37	15	19	800	11603
F45E0316S8	3	4,8	3/16	16x1,5	37	15	19	800	11603
* F45E0414S6	4	6,4	1/4	14x1,5	40	17	19	800	11603
F45E0416S8	4	6,4	1/4	16x1,5	50	17	19	800	11603
F45E0418S10	4	6,4	1/4	18x1,5	48,5	17	22	800	11603
F45E0420S12	4	6,4	1/4	20x1,5	48,5	17	24	630	9137
F45E0518S10	5	7,9	5/16	18x1,5	52,5	17	22	800	11603
F45E0520S12	5	7,9	5/16	20x1,5	50	20	24	630	9137
* F45E0618S10	6	9,5	3/8	18x1,5	55	20	22	800	11603
F45E0620S12	6	9,5	3/8	20x1,5	57	17	24	630	9137
F45E0622S14	6	9,5	3/8	22x1,5	59	19	27	630	9137
F45E0624S16	6	9,5	3/8	24x1,5	60	20	30	630	9137
F45E0822S14	8	12,5	1/2	22x1,5	65	22	27	630	9137
F45E0824S16	8	12,5	1/2	24x1,5	66,5	22	30	630	9137
F45E1024S16	10	16	5/8	24x1,5	65	23	30	630	9137
F45E1030S20	10	16	5/8	30x2	64,5	26	36	420	6091
F45E1230S20	12	19	3/4	30x2	64	27	36	420	6091
F45E1236S25	12	19	3/4	36x2	70	28	46	420	6091
F45E1636S25	16	25,4	1	36x2	88,5	38	46	420	6091
F45E1642S30	16	25,4	1	42x2	89	38	50	420	6091
F45E2042S30	20	31,8	1 1/4	42x2	104,5	35	50	420	6091
F45E2052S38	20	31,8	1 1/4	52x2	104,5	35	60	420	6091
F45E2452S38	24	38,1	1 1/2	52x2	119	45	60	420	6091

* Crimped nut - Dado pinzato

FEMALE METRIC LIGHT SERIES FOR 24° OR 60° CONE

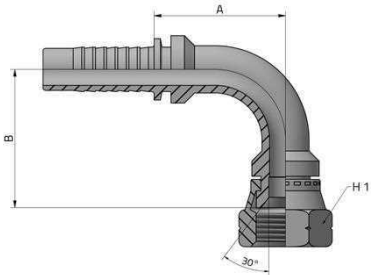
FEMMINA METRICA LEGGERA PER CONO A 24° O 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FDKL0412	4	6,4	1/4	12x1,5	21	14	280	4061
FDKL0414	4	6,4	1/4	14x1,5	23,5	17	280	4061
FDKL0416	4	6,4	1/4	16x1,5	26	19	280	4061
FDKL0514	5	7,9	5/16	14x1,5	21,5	19		
FDKL0516	5	7,9	5/16	16x1,5	26	19		
FDKL0616	6	9,5	3/8	16x1,5	23,5	19	280	4061
FDKL0618	6	9,5	3/8	18x1,5	26,5	22	280	4061
FDKL0822	8	12,5	1/2	22x1,5	27,5	27	280	4061
FDKL1022	10	16	5/8	22x1,5	37,5	27	200	2901
FDKL1026	10	16	5/8	26x1,5	30	32	200	2901
FDKL1230	12	19	3/4	30x2	31	36	160	2320
FDKL1636	16	25,4	1	36x2	33,5	41	160	2320

FEMALE METRIC - 45° ELBOW LIGHT SERIES FOR 24° OR 60°
CONE

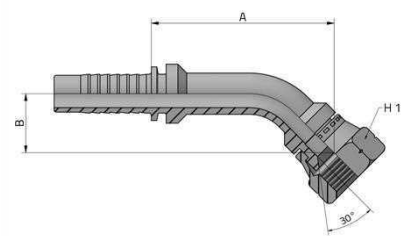
FEMMINA 90° METRICA LEGGERA PER CONO A 24° O 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90KL0412	4	6,4	1/4	12x1,5	29,5	31,5	14	280	4061
F90KL0414	4	6,4	1/4	14x1,5	29,5	31,5	17	280	4061
F90KL0416	4	6,4	1/4	16x1,5	29	32,5	19	280	4061
F90KL0514	5	7,9	5/16	14x1,5	31,5	36,7	19	280	4061
F90KL0516	5	7,9	5/16	16x1,5	31	32,5	19	280	4061
F90KL0616	6	9,5	3/8	16x1,5	33	38	19	280	4061
F90KL0618	6	9,5	3/8	18x1,5	35,5	37,5	22	280	4061
F90KL0822	8	12,5	1/2	22x1,5	39,5	44	27	280	4061
F90KL1022	10	16	5/8	22x1,5	48,5	50,5	27	200	2901
F90KL1026	10	16	5/8	26x1,5	48,5	50,5	32	200	2901
F90KL1230	12	19	3/4	30x2	56,5	55,5	36	160	2320
F90KL1636	16	25,4	1	36x2	73	72,5	41	160	2320

FEMALE METRIC - 90° ELBOW LIGHT SERIES FOR 24° OR 60°
CONE

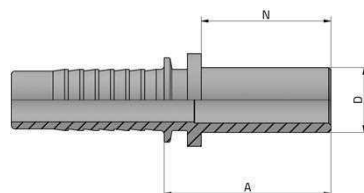
FEMMINA 45° METRICA LEGGERA PER CONO A 24° O 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45KL0412	4	6,4	1/4	12x1,5	40	17	14	280	4061
F45KL0414	4	6,4	1/4	14x1,5	50	17	17	280	4061
F45KL0416	4	6,4	1/4	16x1,5	48,5	17	19	280	4061
F45KL0514	5	7,9	5/16	14x1,5	51	23,2	19	280	4061
F45KL0516	5	7,9	5/16	16x1,5	52,5	17	19	280	4061
F45KL0616	6	9,5	3/8	16x1,5	55	20	19	280	4061
F45KL0822	8	12,5	1/2	22x1,5	64	22	27	280	4061
F45KL1026	10	16	5/8	26x1,5	61,5	28	32	200	2901
F45KL1230	12	19	3/4	30x2	63	27	36	160	2320
F45KL1636	16	25,4	1	36x2	85,5	38,5	41	160	2320

STANDPIPE (1)

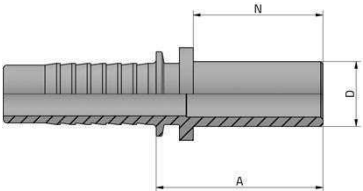
ERMETO DIRITTO



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	N mm	PN bar	PN psi
PDL0306	3	4,8	3/16	29	6	22	800	11603
PDL0308	3	4,8	3/16	29	8	22	800	11603
PDL0406	4	6,4	1/4	30,5	6	23	800	11603
PDL0408	4	6,4	1/4	30,5	8	23	800	11603
PDL0410	4	6,4	1/4	32,5	10	25	800	11603
PDL0412	4	6,4	1/4	32,5	12	25	630	9137
PDL0508	5	7,9	5/16	30,5	8	23	800	11603
PDL0510	5	7,9	5/16	33	10	25	800	11603
PDL0512	5	7,9	5/16	33	12	25	630	9137
PDL0610	6	9,5	3/8	33	10	25	800	11603
PDL0612	6	9,5	3/8	33	12	25	630	9137
PDL0614	6	9,5	3/8	36	14	28	630	9137
PDL0615	6	9,5	3/8	33	15	25	400	5801
PDL0812	8	12,5	1/2	33,5	12	25	630	9137
PDL0814	8	12,5	1/2	36,5	14	28	630	9137
PDL0815	8	12,5	1/2	33,5	15	25	420	5801
PDL0816	8	12,5	1/2	39,5	16	31	630	9137
PDL0818	8	12,5	1/2	35,5	18	27	400	5801
PDL1018	10	16	5/8	38	18	27	400	5801
PDL1020	10	16	5/8	44	20	35	420	6091
PDL1022	10	16	5/8	38	22	29	250	3626
PDL1218	12	19	3/4	34,7	18	26	400	5801
PDL1220	12	19	3/4	44,2	20	35	420	6091
PDL1222	12	19	3/4	38,2	22	29	250	3626
PDL1225	12	19	3/4	49,2	25	39	420	6091
PDL1625	16	25,4	1	50	25	39,5	420	6091

STANDPIPE (2)

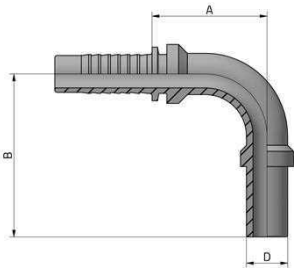
ERMETO DIRITTO



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	N mm	PN bar	PN psi
PDL1628	16	25,4	1	40,5	28	30	250	3626
PDL1630	16	25,4	1	54	30	43,5	420	6091
PDL2030	20	31,8	1 1/4	54	30	43	420	6091
PDL2035	20	31,8	1 1/4	46	35	35	250	3626
PDL2038	20	31,8	1 1/4	60	38	48	420	6091
PDL2438	24	38,1	1 1/2	60	38	48	420	6091
PDL2442	24	38,1	1 1/2	47	42	36	250	3626

STANDPIPE 90°

ERMETO 90°

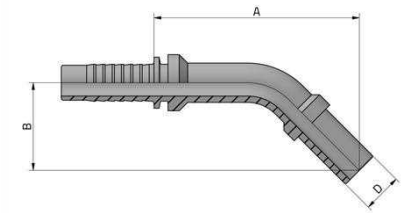


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D mm	PN bar	PN psi
* P90L0206	2	4,3	1/8	37,5	31	6	415	6019
P90L0306	3	4,8	3/16	25	41,5	6	415	6019
P90L0308	3	4,8	3/16	25	41,5	8	450	6526
P90L0406	4	6,4	1/4	25	43	6	415	6019
P90L0408	4	6,4	1/4	24	43	8	450	6526
P90L0410	4	6,4	1/4	25	45	10	350	5076
P90L0510	5	7,9	5/16	32	51	10	350	5076
P90L0512	5	7,9	5/16	32	51	12	445	6454
P90L0610	6	9,5	3/8	33	53	10	350	5076
P90L0612	6	9,5	3/8	33	53	12	445	6454
P90L0614	6	9,5	3/8	33	56	14	445	6454
P90L0615	6	9,5	3/8	34	57	15	250	3626
P90L0815	8	12,5	1/2	39	60,5	15	250	3626
P90L1018	10	16	5/8	49	69	18	160	2320
P90L1222	12	19	3/4	58	76	22	160	2320
P90L1628	16	25,4	1	74	88	28	100	1450

* Estremità tubolare senza battuta - Hose tail without end stop

STANDPIPE 45°

ERMETO 45°

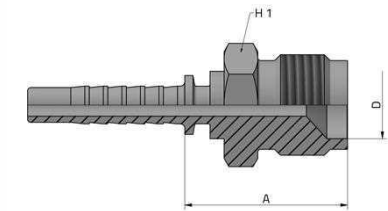


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D mm	PN bar	PN psi
* P45L0206	2	4,3	1/8	-	-	6	415	6019
P45L0306	3	4,8	3/16	-	-	6	415	6019
P45L0308	3	4,8	3/16	-	-	8	450	6526
P45L0406	4	6,4	1/4	-	-	6	415	6019
P45L0408	4	6,4	1/4	-	-	8	450	6526
P45L0410	4	6,4	1/4	-	-	10	350	5076
P45L0512	5	7,9	5/16	-	-	12	350	5076
P45L0610	6	9,5	3/8	-	-	10	350	5076
P45L0612	6	9,5	3/8	-	-	12	445	6454
P45L0815	8	12,5	1/2	-	-	15	250	3626
P45L1018	10	16	5/8	-	-	18	160	2320
P45L1222	12	19	3/4	-	-	22	160	2320
P45L1628	16	25,4	1	-	-	28	100	1450

* Estremità tubolare senza battuta - Hose tail without end stop

METRIC MALE FOR AGRICULTURE VALVES

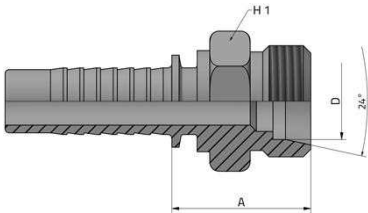
MASCHIO METRICO PER VALVOLE AGRICOLE



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	H1 mm	PN bar	PN psi
MAV0418	4	6,4	1/4	18x1,5	29,5	12	19	400	5801
MAV0518	5	7,9	5/16	18x1,5	29,5	12	19	350	5076
MAV0618	6	9,5	3/8	18x1,5	29,5	12	19	350	5076

KOBELCO MALE 24° CONE

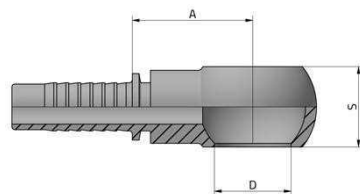
MASCHIO METRICO KOBELKO



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
MKOB1030L22	10	16	5/8	30x1,5	32	32	250	3626
MKOB1230L22	12	19	3/4	30x1,5	32,7	32	250	3626
MKOB1236L28	12	19	3/4	36x1,5	36	41	250	3626
MKOB1636L28	16	25,4	1	36x1,5	37	41	250	3626
MKOB1645L35	16	25,4	1	45x1,5	38	50	250	3626

BSP BANJO

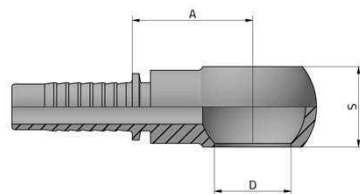
OCCHIO BSP



Code	D.N.	Hose size mm	Hose size inch	T inch	A mm	D mm	S mm
OG0302	3	4,8	3/16	1/8	20,5	10	10
OG0304	3	4,8	3/16	1/4	23	13,2	14
OG0402	4	6,4	1/4	1/8	24,5	10	10
OG0404	4	6,4	1/4	1/4	23	13,2	14
OG0406	4	6,4	1/4	3/8	27	16,7	17
OG0408	4	6,4	1/4	1/2	31	21	22
OG0504	5	7,9	5/16	1/4	26	13,2	14
OG0506	5	7,9	5/16	3/8	27	16,8	17
OG0508	5	7,9	5/16	1/2	31	21	22
OG0604	6	9,5	3/8	1/4	27,5	13,2	14
OG0606	6	9,5	3/8	3/8	26,5	16,8	17
OG0608	6	9,5	3/8	1/2	28	21,1	22
OG0806	8	12,5	1/2	3/8	31,5	16,7	17
OG0808	8	12,5	1/2	1/2	33	21,1	22
OG0810	8	12,5	1/2	5/8	33	23,1	24
OG0812	8	12,5	1/2	3/4	34	26,5	30
OG1008	10	16	5/8	1/2	32	21,1	22
OG1010	10	16	5/8	5/8	32,5	23,1	24
OG1012	10	16	5/8	3/4	35	26,5	30
OG1212	12	19	3/4	3/4	35,2	26,5	30
OG1216	12	19	3/4	1	48,2	33,4	38
OG1612	16	25,4	1	3/4	41	25,5	30
OG1616	16	25,4	1	1	43	33,4	38
OG2020	20	31,8	1 1/4	1 1/4	57,7	42,1	47

METRIC BANJO (1)

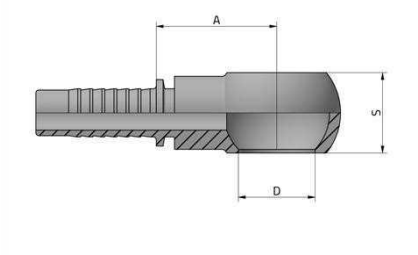
OCCHIO METRICO



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	S mm
OM0310	3	4,8	3/16	10x1	20,5	10,1	10
OM0312	3	4,8	3/16	12x1,5	21,5	12,1	12
OM0314	3	4,8	3/16	14x1,5	23	14,2	14
OM0410	4	6,4	1/4	10x1	24,5	10,1	10
OM0412	4	6,4	1/4	12x1,5	21	12,1	12
OM0414	4	6,4	1/4	14x1,5	23,5	14,2	14
OM0416	4	6,4	1/4	16x1,5	27	16,2	17
OM0418	4	6,4	1/4	18x1,5	28,5	18,1	20
OM0512	5	7,9	5/16	12x1,5	24,5	12,1	12
OM0514	5	7,9	5/16	14x1,5	26,5	14,2	14
OM0516	5	7,9	5/16	16x1,5	27	16,2	17
OM0518	5	7,9	5/16	18x1,5	28,5	18,1	20
OM0520	5	7,9	5/16	20x1,5	31	20,2	22
OM0522	5	7,9	5/16	22x1,5	31	22,1	22
OM0614	6	9,5	3/8	14x1,5	27,5	14,2	14
OM0616	6	9,5	3/8	16x1,5	27	16,2	17
OM0618	6	9,5	3/8	18x1,5	28,5	18,1	20
OM0620	6	9,5	3/8	20x1,5	28	20,2	22
OM0622	6	9,5	3/8	22x1,5	28	22,1	22
OM0818	8	12,5	1/2	18x1,5	29	18,1	20
OM0820	8	12,5	1/2	20x1,5	33,5	20,2	22
OM0822	8	12,5	1/2	22x1,5	33,5	22,1	22
OM0826	8	12,5	1/2	26x1,5	34	26,2	30
OM1022	10	16	5/8	22x1,5	32	22,1	22
OM1026	10	16	5/8	26x1,5	34,5	26,5	30
OM1226	12	19	3/4	26x1,5	35	26,5	30

METRIC BANJO (2)

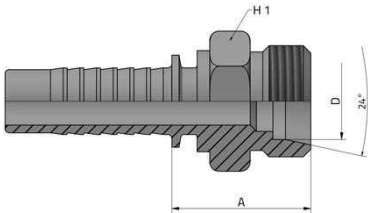
OCCHIO METRICO



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	S mm
OM1230	12	19	3/4	30x1,5	41,5	30,1	36
OM1630	16	25,4	1	30x1,5	41,5	30,1	36

METRIC MALE 24° CONE - FRENCH TYPE

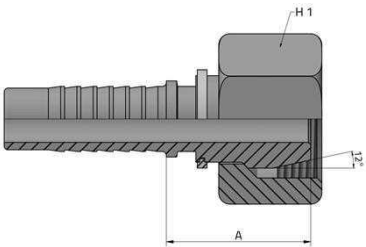
MASCHIO METRICO SV 24° SERIE FRANCESE



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	H1 mm	PN bar	PN psi
ME0413F	4	6,4	1/4	20x1,5	27,5	13	22	630	9137
ME0513F	5	7,9	5/16	20x1,5	27,5	13	22	630	9137
ME0613F	6	9,5	3/8	20x1,5	27,5	13	22	630	9137
ME0617F	6	9,5	3/8	24x1,5	31	17	27	630	9137
ME0813F	8	12,5	1/2	20x1,5	27,5	13	22	630	9137
ME0817F	8	12,5	1/2	24x1,5	31,5	17	27	630	9137
ME0821F	8	12,5	1/2	30x1,5	31,5	21	32	420	6091
ME1021F	10	16	5/8	30x1,5	31,5	21	32	420	6091
ME1221F	12	19	3/4	30x1,5	32,2	21	32	420	6091
ME1227F	12	19	3/4	36x1,5	32,2	27	38	420	6091
ME1633F	16	25,4	1	45x1,5	37	33	46	420	6091
ME2033F	20	31,8	1 1/4	45x1,5	37,5	33	46	420	6091

METRIC FEMALE 24° CONE - FRENCH TYPE

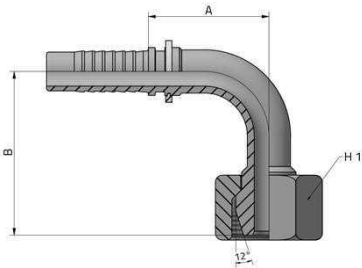
FEMMINA METRICA SV 24°SERIE FRANCESE



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE0413F	4	6,4	1/4	20x1,5	23,2	24	630	9137
FE0513F	5	7,9	5/16	20x1,5	23,2	24	630	9137
FE0613F	6	9,5	3/8	20x1,5	23,2	24	630	9137
FE0617F	6	9,5	3/8	24x1,5	28,4	30	630	9137
FE0817F	8	12,5	1/2	24x1,5	28,9	30	630	9137
FE0821F	8	12,5	1/2	30x1,5	30,4	36	420	6091
FE1017F	10	16	5/8	24x1,5	28,9	30	630	9137
FE1021F	10	16	5/8	30x1,5	30,4	36	420	6091
FE1221F	12	19	3/4	30x1,5	30,6	36	420	6091
FE1227F	12	19	3/4	36x1,5	33,3	41	420	6091
FE1633F	16	25,4	1	45x1,5	33,1	50	420	6091
FE2033F	20	31,8	1 1/4	45x1,5	33,6	50	420	6091

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

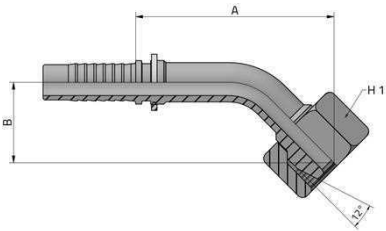
FEMMINA A 90° METRICA SV 24° SERIE FRANCESE



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90E0413F	4	6,4	1/4	20x1,5	27	32,5	24	630	9137
F90E0513F	5	7,9	5/16	20x1,5	29	39	24	630	9137
F90E0613F	6	9,5	3/8	20x1,5	35,5	39,5	24	630	9137
F90E0617F	6	9,5	3/8	24x1,5	36	48	30	630	9137
F90E0813F	8	12,5	1/2	20x1,5	39	48	24	630	9137
F90E0817F	8	12,5	1/2	24x1,5	39,5	48	30	630	9137
F90E0821F	8	12,5	1/2	30x1,5	45,5	61	36	420	6091
F90E1021F	10	16	5/8	30x1,5	48,5	61	36	420	6091
F90E1221F	12	19	3/4	30x1,5	56,5	64	36	420	6091
F90E1227F	12	19	3/4	36x1,5	56,5	64	41	420	6091
F90E1633F	16	25,4	1	45x1,5	86	91	50	420	6091
F90E2033F	20	31,8	1 1/4	45x1,5	92	91	50	420	6091

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

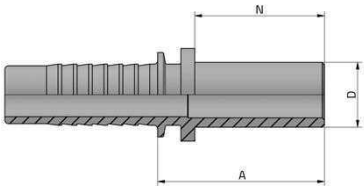
FEMMINA 45° METRICA SV 24° SERIE FRANCESE



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45E0413F	4	6,4	1/4	20x1,5	50	18,5	24	630	9137
F45E0513F	5	7,9	5/16	20x1,5	52	21	24	630	9137
F45E0613F	6	9,5	3/8	20x1,5	58,5	18,5	24	630	9137
F45E0617F	6	9,5	3/8	24x1,5	65,5	24	30	630	9137
F45E0817F	8	12,5	1/2	24x1,5	68,5	24	30	630	9137
F45E0821F	8	12,5	1/2	30x1,5	68	29	36	420	6091
F45E1021F	10	16	5/8	30x1,5	68	29	36	420	6091
F45E1221F	12	19	3/4	30x1,5	69	30	36	420	6091
F45E1227F	12	19	3/4	36x1,5	73	31	41	420	6091
F45E1633F	16	25,4	1	45x1,5	101	36	50	420	6091
F45E2033F	20	31,8	1 1/4	45x1,5	107	38	50	420	6091

STANDPIPE FRENCH TYPE

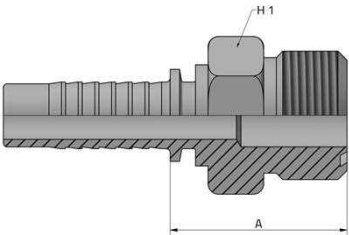
ERMETO DIRITTO FRANCESE



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	N mm	PN bar	PN psi
PDL0413F	4	6,4	1/4	30	13	22	630	9137
PDL0513F	5	7,9	5/16	30	13	22	630	9137
PDL0613F	6	9,5	3/8	30	13	22	630	9137
PDL0617F	6	9,5	3/8	32	17	24	630	9137
PDL0817F	8	12,5	1/2	33	17	24	630	9137
PDL0821F	8	12,5	1/2	34,5	21	26	420	6091
PDL1021F	10	16	5/8	34,5	21	26	420	6091
PDL1221F	12	19	3/4	35,2	21	26	420	6091
PDL1227F	12	19	3/4	48,7	27	38	420	6091
PDL1633F	16	25,4	1	45,5	33	35	420	6091
PDL2033F	20	31,8	1 1/4	46	33	35	420	6091

ORFS MALE

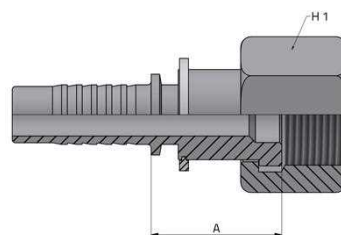
MASCHIO ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MORFS0406	4	6,4	1/4	9/16	18	25	17	630	9137
MORFS0409	4	6,4	1/4	11/16	16	28	19	630	9137
MORFS0506	5	7,9	5/16	9/16	18	25	17	630	9137
MORFS0509	5	7,9	5/16	11/16	16	28	19	630	9137
MORFS0606	6	9,5	3/8	9/16	18	25	17	630	9137
MORFS0609	6	9,5	3/8	11/16	16	28	19	630	9137
MORFS0611	6	9,5	3/8	13/16	16	27	22	630	9137
MORFS0613	6	9,5	3/8	1	14	34	27	420	6091
MORFS0809	8	12,5	1/2	11/16	16	29,5	22	630	9137
MORFS0811	8	12,5	1/2	13/16	16	30,5	22	630	9137
MORFS0813	8	12,5	1/2	1	14	34,5	27	420	6091
MORFS0814	8	12,5	1/2	1 3/16	16	36	32	420	6091
MORFS1013	10	16	5/8	1	14	34,5	27	420	6091
MORFS1014	10	16	5/8	1 3/16	12	36	32	420	6091
MORFS1213	12	19	3/4	1	14	34,7	27	420	6091
MORFS1214	12	19	3/4	1 3/16	12	36,2	32	420	6091
MORFS1215	12	19	3/4	1 7/16	12	38,2	41	420	6091
MORFS1614	16	25,4	1	1 3/16	12	37,5	32	420	6091
MORFS1615	16	25,4	1	1 7/16	12	39	41	420	6091
MORFS1621	16	25,4	1	1 11/16	12	39	46	420	6091
MORFS2021	20	31,8	1 1/4	1 11/16	12	39,5	46	420	6091
MORFS2432	24	38,1	1 1/2	2	12	42,5	55	350	5076

ORFS FEMALE

FEMMINA ORFS

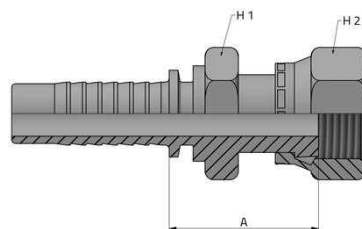


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FORFS0406	4	6,4	1/4	9/16	18	20	17	630	9137
FORFS0409	4	6,4	1/4	11/16	16	22,5	22	630	9137
FORFS0411	4	6,4	1/4	13/16	16	25,5	24	630	9137
* FORFS0506	5	7,9	5/16	9/16	18	25,5	19	630	9137
FORFS0509	5	7,9	5/16	11/16	16	22,5	22	630	9137
FORFS0606	6	9,5	3/8	9/16	18	25,5	19	630	9137
FORFS0609	6	9,5	3/8	11/16	16	22,5	22	630	9137
FORFS0611	6	9,5	3/8	13/16	16	25,5	24	630	9137
FORFS0809	8	12,5	1/2	11/16	16	29,5	22	630	9137
FORFS0811	8	12,5	1/2	13/16	16	26	24	630	9137
FORFS0813	8	12,5	1/2	1	14	29,5	30	420	6091
FORFS0814	8	12,5	1/2	1 3/16	12	32,5	36	420	6091
FORFS1013	10	16	5/8	1	14	29,5	30	420	6091
FORFS1014	10	16	5/8	1 3/16	12	32	36	420	6091
FORFS1214	12	19	3/4	1 3/16	12	32,2	36	420	6091
FORFS1215	12	19	3/4	1 7/16	12	33,2	41	420	6091
FORFS1614	16	25,4	1	1 3/16	12	38,5	36	420	6091
FORFS1615	16	25,4	1	1 7/16	12	34	41	420	6091
FORFS1621	16	25,4	1	1 11/16	12	34	50	420	6091
FORFS2021	20	31,8	1 1/4	1 11/16	12	34,5	50	420	6091
FORFS2432	24	38,1	1 1/2	2	12	40	60	350	5076

* Crimped nut - Dado pinzato

ORFS FEMALE (DOUBLE HEXAGON)

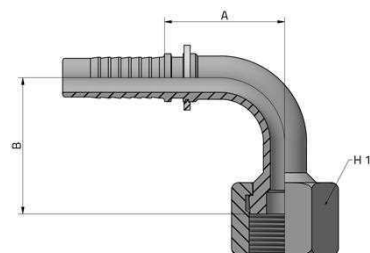
FEMMINA DIRITTA ORFS DOPPIO ESAGONO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
FORFS0406GIR	4	6,4	1/4	9/16	18	30,5	17	19	630	9137
FORFS0409GIR	4	6,4	1/4	11/16	16	34,5	17	22	630	9137
FORFS0509GIR	5	7,9	5/16	11/16	16	34,5	17	22	630	9137
FORFS0606GIR	6	9,5	3/8	9/16	18	31	17	19	630	9137
FORFS0609GIR	6	9,5	3/8	11/16	16	34,5	22	22	630	9137
FORFS0611GIR	6	9,5	3/8	13/16	16	41	24	24	630	9137
FORFS0809GIR	8	12,5	1/2	11/16	16	36	22	22	630	9137
FORFS0811GIR	8	12,5	1/2	13/16	16	41,5	24	24	630	9137
FORFS0813GIR	8	12,5	1/2	1	14	39	24	30	420	6091
FORFS0814GIR	8	12,5	1/2	1 3/16	16	40	30	36	420	6091
FORFS1013GIR	10	16	5/8	1	14	39	24	30	420	6091
FORFS1014GIR	10	16	5/8	1 3/16	16	42,5	30	36	420	6091
FORFS1213GIR	12	19	3/4	1	14	41,7	27	30	420	6091
FORFS1214GIR	12	19	3/4	1 3/16	16	43,7	30	36	420	6091
FORFS1215GIR	12	19	3/4	1 7/16	12	51,7	36	41	420	6091
FORFS1614GIR	16	25,4	1	1 3/16	16	45,5	36	36	420	6091
FORFS1615GIR	16	25,4	1	1 7/16	12	46	36	41	420	6091
FORFS1621GIR	16	25,4	1	1 11/16	12	55	41	50	420	6091
FORFS2021GIR	20	31,8	1 1/4	1 11/16	12	55,5	41	50	420	6091
FORFS2432GIR	24	38,1	1 1/2	2	12	56,5	50	60	350	5076

ORFS FEMALE SWIVEL - 90° ELBOW

FEMMINA 90° ORFS

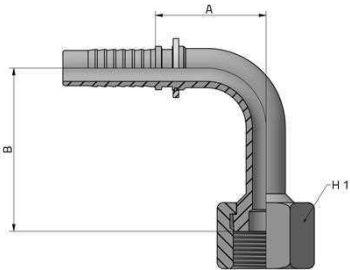


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90ORFS0406	4	6,4	1/4	9/16	18	28	29,5	17	630	9137
F90ORFS0409	4	6,4	1/4	11/16	16	28	30	22	630	9137
F90ORFS0411	4	6,4	1/4	13/16	16	29,5	32	24	630	9137
* F90ORFS0506	5	7,9	5/16	9/16	18	29	45	19	630	9137
F90ORFS0509	5	7,9	5/16	11/16	16	29	29	22	630	9137
F90ORFS0606	6	9,5	3/8	9/16	18	32,5	44	19	630	9137
F90ORFS0609	6	9,5	3/8	11/16	16	36	29	22	630	9137
F90ORFS0611	6	9,5	3/8	13/16	16	34	32	24	630	9137
F90ORFS0809	8	12,5	1/2	11/16	16	40,5	51	22	630	9137
F90ORFS0811	8	12,5	1/2	13/16	16	37,5	36	24	630	9137
F90ORFS0813	8	12,5	1/2	1	14	39	39	30	420	6091
F90ORFS0814	8	12,5	1/2	1 3/16	12	38	41	36	420	6091
F90ORFS1013	10	16	5/8	1	14	51,5	43,5	30	420	6091
F90ORFS1014	10	16	5/8	1 3/16	12	46,5	48	36	420	6091
F90ORFS1015	10	16	5/8	1 7/16	12	47	53	41	420	6091
F90ORFS1214	12	19	3/4	1 3/16	12	56	49	36	420	6091
F90ORFS1215	12	19	3/4	1 7/16	12	56,5	54	41	420	6091
F90ORFS1614	16	25,4	1	1 3/16	12	70	85	36	420	6091
F90ORFS1615	16	25,4	1	1 7/16	12	74	59,5	41	420	6091
F90ORFS1621	16	25,4	1	1 11/16	12	71	64	50	420	6091
F90ORFS2021	20	31,8	1 1/4	1 11/16	12	90	75,5	50	420	6091
F90ORFS2432	24	38,1	1 1/2	2	12	99	84	60	350	5076

* Crimped nut - Dado pinzato

ORFS FEMALE SWIVEL - 90° ELBOW - LONG DROP

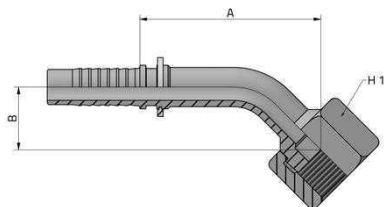
FEMMINA 90° ORFS LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90ORFS0406LD	4	6,4	1/4	9/16	18	26,5	45	17	630	9137
F90ORFS0409LD	4	6,4	1/4	11/16	16	30	49	22	630	9137
F90ORFS0609LD	6	9,5	3/8	11/16	16	32	51,5	22	630	9137
F90ORFS0611LD	6	9,5	3/8	13/16	16	36	51	24	630	9137
F90ORFS0811LD	8	12,5	1/2	13/16	16	37,5	63	24	630	9137
F90ORFS0813LD	8	12,5	1/2	1	14	37	64	30	420	6091
F90ORFS1013LD	10	16	5/8	1	14	45	63	30	420	6091
F90ORFS1014LD	10	16	5/8	1 3/16	12	45	71	36	420	6091
F90ORFS1214LD	12	19	3/4	1 3/16	12	57	91	36	420	6091
F90ORFS1615LD	16	25,4	1	1 7/16	12	69	108	41	420	6091

ORFS FEMALE SWIVEL - 45° ELBOW

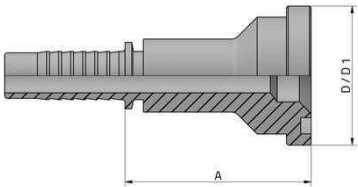
FEMMINA 45° ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45ORFS0406	4	6,4	1/4	9/16	18	45	15	17	630	9137
F45ORFS0409	4	6,4	1/4	11/16	16	45,5	15,5	22	630	9137
F45ORFS0411	4	6,4	1/4	13/16	16	49	18	24	630	9137
F45ORFS0506	5	7,9	5/16	9/16	18	47	23	19	630	9137
F45ORFS0509	5	7,9	5/16	11/16	16	46	15,5	22	630	9137
* F45ORFS0606	6	9,5	3/8	9/16	18	55	24	19	630	9137
F45ORFS0609	6	9,5	3/8	11/16	16	51	13	22	630	9137
F45ORFS0611	6	9,5	3/8	13/16	16	52	17	24	630	9137
F45ORFS0809	8	12,5	1/2	11/16	16	72	26	22	630	9137
F45ORFS0811	8	12,5	1/2	13/16	16	58	18	24	630	9137
F45ORFS0813	8	12,5	1/2	1	14	61	20	30	420	6091
F45ORFS0814	8	12,5	1/2	1 3/16	12	62	24	36	420	6091
F45ORFS1013	10	16	5/8	1	14	55	20	30	420	6091
F45ORFS1014	10	16	5/8	1 3/16	12	57	21	36	420	6091
F45ORFS1214	12	19	3/4	1 3/16	12	58	23	36	420	6091
F45ORFS1215	12	19	3/4	1 7/16	12	62,5	27	41	420	6091
F45ORFS1614	16	25,4	1	1 3/16	12	96,5	43	36	420	6091
F45ORFS1615	16	25,4	1	1 7/16	12	81	26	41	420	6091
F45ORFS1621	16	25,4	1	1 11/16	12	83	28	50	420	6091
F45ORFS2021	20	31,8	1 1/4	1 11/16	12	93	34	50	420	6091
F45ORFS2432	24	38,1	1 1/2	2	12	112	45	60	350	5076

FLANGE CODE 61 - 3000 PSI

FLANGIA 3000 PSI



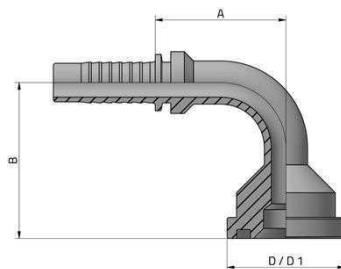
Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
FDL0808I	8	12,5	1/2	49,2	1/2	30,2	350	5076
* FDL0810I	8	12,5	1/2	48	5/8	34	350	5076
FDL0812I	8	12,5	1/2	51,5	3/4	38,1	350	5076
FDL1008I	10	16	5/8	42,3	1/2	30,2	350	5076
* FDL1010I	10	16	5/8	52,3	5/8	34	350	5076
FDL1012I	10	16	5/8	48,3	3/4	38,1	350	5076
FDL1208I	12	19	3/4	47,2	1/2	30,2	350	5076
FDL1212I	12	19	3/4	47,5	3/4	38,1	350	5076
FDL1216I	12	19	3/4	50,2	1	44,5	350	5076
FDL1220I	12	19	3/4	68,2	1 1/4	50,8	210	3046
FDL1612I	16	25,4	1	48	3/4	38,1	280	4061
FDL1616I	16	25,4	1	50	1	44,5	280	4061
FDL1620I	16	25,4	1	68	1 1/4	50,8	280	4061
FDL2016I	20	31,8	1 1/4	56,5	1	44,5	210	3046
FDL2020I	20	31,8	1 1/4	64,5	1 1/4	50,8	210	3046
FDL2024I	20	31,8	1 1/4	69,5	1 1/2	60,3	210	3046
FDL2420I	24	38,1	1 1/2	70,5	1 1/4	50,8	185	2683
FDL2424I	24	38,1	1 1/2	69,5	1 1/2	60,3	185	2683
FDL2432I	24	38,1	1 1/2	72	2	71,4	185	2683
FDL3232I	32	50,8	2	73	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

FLANGE CODE 61 - 3000 PSI - 90° ELBOW

FLANGIA 90° SAE J518 3000 PSI INTERA



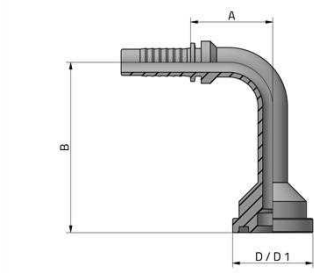
Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90L0808I	8	12,5	1/2	39	43	1/2	30,2	350	5076
* F90L0810I	8	12,5	1/2	39	47	5/8	34	350	5076
F90L0812I	8	12,5	1/2	39	50	3/4	38,1	350	5076
F90L1008I	10	16	5/8	49	49	1/2	30,2	350	5076
* F90L1010I	10	16	5/8	49	52	5/8	34	350	5076
F90L1012I	10	16	5/8	49	55	3/4	38,1	350	5076
F90L1208I	12	19	3/4	57	52	1/2	30,2	350	5076
F90L1212I	12	19	3/4	57	58	3/4	38,1	350	5076
F90L1216I	12	19	3/4	57	62	1	44,5	350	5076
F90L1220I	12	19	3/4	57	67	1 1/4	50,8	210	3046
F90L1612I	16	25,4	1	77	60	3/4	38,1	280	4061
F90L1616I	16	25,4	1	77	64	1	44,5	280	4061
F90L1620I	16	25,4	1	77	70	1 1/4	50,8	280	4061
F90L2016I	20	31,8	1 1/4	89	82	1	44,5	210	3046
F90L2020I	20	31,8	1 1/4	89	87	1 1/4	50,8	210	3046
F90L2024I	20	31,8	1 1/4	89	88	1 1/2	60,3	210	3046
F90L2424I	24	38,1	1 1/2	101	102	1 1/2	60,3	185	2683
F90L2432I	24	38,1	1 1/2	101	118	2	71,4	185	2683
F90L3232I	32	50,8	2	144	120	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

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

FLANGIA A 90° INTERA SAE 3000 LONG DROP

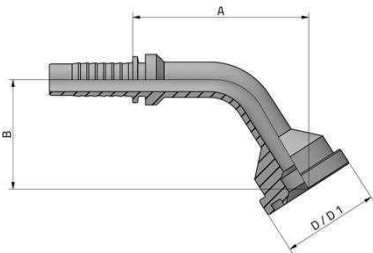


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90L1212ILD	12	19	3/4	57	96,8	3/4	38,1	350	5076
F90L1216ILD	12	19	3/4	57	134,5	1	44,5	350	5076
F90L1616ILD	16	25,4	1	77	115,5	1	44,5	280	4061
F90L2020ILD	20	31,8	1 1/4	89	114,2	1 1/4	50,8	210	3046
F90L2424ILD	24	38,1	1 1/2	101	131,4	1 1/2	60,3	185	2683

Without o-ring / senza o-ring

FLANGE CODE 61 - 3000 PSI - 60° ELBOW

FLANGIA 60° SAE J518 3000 PSI INTERA



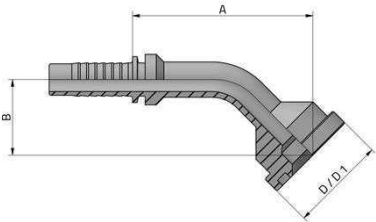
Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
F60L0808I	8	12,5	1/2	63	1/2	30,2	350	5076
* F60L0810I	8	12,5	1/2	68	5/8	34	350	5076
F60L0812I	8	12,5	1/2	68	3/4	38,1	350	5076
F60L1008I	10	16	5/8	59	1/2	30,2	350	5076
* F60L1010I	10	16	5/8	63	5/8	34	350	5076
F60L1012I	10	16	5/8	63	3/4	38,1	350	5076
F60L1208I	12	19	3/4	63	1/2	30,2	350	5076
F60L1212I	12	19	3/4	67	3/4	38,1	350	5076
F60L1216I	12	19	3/4	70	1	44,5	350	5076
F60L1612I	16	25,4	1	83	3/4	38,1	280	4061
F60L1616I	16	25,4	1	86	1	44,5	280	4061
F60L1620I	16	25,4	1	90	1 1/4	50,8	280	4061
F60L2016I	20	31,8	1 1/4	96	1	44,5	210	3046
F60L2020I	20	31,8	1 1/4	100	1 1/4	50,8	210	3046
F60L2024I	20	31,8	1 1/4	101	1 1/2	60,3	210	3046
F60L2424I	24	38,1	1 1/2	112	1 1/2	60,3	185	2683
F60L2432I	24	38,1	1 1/2	123	2	71,4	185	2683
F60L3232I	32	50,8	2	148	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

FLANGE CODE 61 - 3000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 3000 PSI INTERA



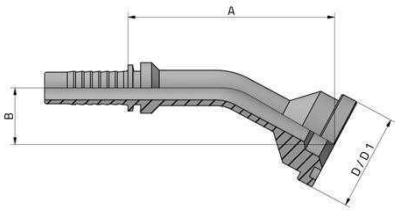
Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F45L0808I	8	12,5	1/2	63	23	1/2	30,2	350	5076
* F45L0810I	8	12,5	1/2	68	25	5/8	34	350	5076
F45L0812I	8	12,5	1/2	68	28	3/4	38,1	350	5076
F45L1008I	10	16	5/8	59	26	1/2	30,2	350	5076
* F45L1010I	10	16	5/8	63	30	5/8	34	350	5076
F45L1012I	10	16	5/8	63	30	3/4	38,1	350	5076
F45L1208I	12	19	3/4	63	28	1/2	30,2	350	5076
F45L1212I	12	19	3/4	67	32	3/4	38,1	350	5076
F45L1216I	12	19	3/4	70	35	1	44,5	350	5076
F45L1220I	12	19	3/4	72	38	1 1/4	50,8	210	3046
F45L1612I	16	25,4	1	83	35	3/4	38,1	280	4061
F45L1616I	16	25,4	1	86	32	1	44,5	280	4061
F45L1620I	16	25,4	1	90	36	1 1/4	50,8	280	4061
F45L2016I	20	31,8	1 1/4	96	36	1	44,5	210	3046
F45L2020I	20	31,8	1 1/4	100	43	1 1/4	50,8	210	3046
F45L2024I	20	31,8	1 1/4	101	44	1 1/2	60,3	210	3046
F45L2424I	24	38,1	1 1/2	112	41	1 1/2	60,3	185	2683
F45L2432I	24	38,1	1 1/2	123	52	2	71,4	185	2683
F45L3232I	32	50,8	2	148	59	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

FLANGE CODE 61 - 3000 PSI - 30° ELBOW

FLANGIA 30° SAE J518 3000 PSI INTERA



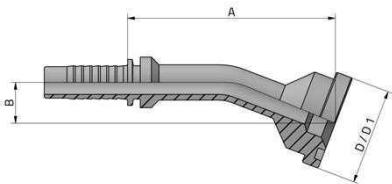
Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
F30L0808I	8	12,5	1/2	63	1/2	30,2	350	5076
* F30L0810I	8	12,5	1/2	68	5/8	34	350	5076
F30L0812I	8	12,5	1/2	68	3/4	38,1	350	5076
F30L1008I	10	16	5/8	59	1/2	30,2	350	5076
* F30L1010I	10	16	5/8	63	5/8	34	350	5076
F30L1012I	10	16	5/8	63	3/4	38,1	350	5076
F30L1208I	12	19	3/4	63	1/2	30,2	350	5076
F30L1212I	12	19	3/4	67	3/4	38,1	350	5076
F30L1216I	16	25,4	3/4	70	1	44,5	350	5076
F30L1612I	16	25,4	1	83	3/4	38,1	280	4061
F30L1616I	16	25,4	1	86	1	44,5	280	4061
F30L1620I	16	25,4	1	90	1 1/4	50,8	280	4061
F30L2016I	20	31,8	1 1/4	96	1	44,5	210	3046
F30L2020I	20	31,8	1 1/4	100	1 1/4	50,8	210	3046
F30L2024I	20	31,8	1 1/4	101	1 1/2	60,3	210	3046
F30L2424I	24	38,1	1 1/2	112	1 1/2	60,3	185	2683
F30L2432I	24	38,1	1 1/2	123	2	71,4	185	2683
F30L3232I	32	50,8	2	148	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

FLANGE CODE 61 - 3000 PSI - 22.5° ELBOW

FLANGIA 22.5° SAE J518 3000 PSI INTERA



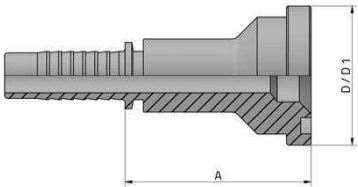
Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
F22.5L0808I	8	12,5	1/2	63	1/2	30,2	350	5076
* F22.5L0810I	8	12,5	1/2	68	5/8	34	350	5076
F22.5L0812I	8	12,5	1/2	68	3/4	38,1	350	5076
F22.5L1008I	10	16	5/8	59	1/2	30,2	350	5076
* F22.5L1010I	10	16	5/8	63	5/8	34	350	5076
F22.5L1012I	10	16	5/8	63	3/4	38,1	350	5076
F22.5L1208I	12	19	3/4	63	1/2	30,2	350	5076
F22.5L1212I	12	19	3/4	67	3/4	38,1	350	5076
F22.5L1216I	12	19	3/4	70	1	44,5	350	5076
F22.5L1612I	16	25,4	1	83	3/4	38,1	280	4061
F22.5L1616I	16	25,4	1	86	1	44,5	280	4061
F22.5L1620I	16	25,4	1	90	1 1/4	50,8	280	4061
F22.5L2016I	20	31,8	1 1/4	96	1	44,5	210	3046
F22.5L2020I	20	31,8	1 1/4	100	1 1/4	50,8	210	3046
F22.5L2024I	20	31,8	1 1/4	101	1 1/2	60,3	210	3046
F22.5L2424I	24	38,1	1 1/2	112	1 1/2	60,3	185	2683
F22.5L2432I	24	38,1	1 1/2	123	2	71,4	185	2683
F22.5L3232I	32	50,8	2	148	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

FLANGE CODE 62 - 6000 PSI

FLANGIA DIRITTA SAE J518 6000 PSI INTERA

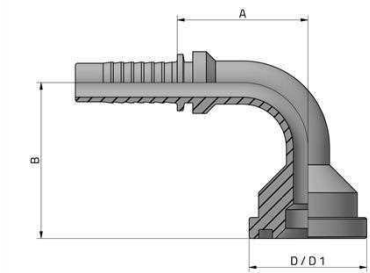


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
FDP0808I	8	12,5	1/2	50,3	1/2	31,7	415	6019
FDP0812I	8	12,5	1/2	54,5	3/4	41,3	415	6019
FDP1008I	10	16	5/8	50,3	1/2	31,7	350	5076
FDP1012I	10	16	5/8	51,5	3/4	41,3	350	5076
FDP1208I	12	19	3/4	53,2	1/2	31,7	350	5076
FDP1212I	12	19	3/4	52,7	3/4	41,3	350	5076
FDP1216I	12	19	3/4	64,2	1	47,6	350	5076
FDP1612I	16	25,4	1	60,5	3/4	41,3	280	4061
FDP1616I	16	25,4	1	66	1	47,6	280	4061
FDP1620I	16	25,4	1	71,3	1 1/4	54	280	4061
FDP2016I	20	31,8	1 1/4	66,5	1	47,6	210	3046
FDP2020I	20	31,8	1 1/4	66,5	1 1/4	54	210	3046
FDP2024I	20	31,8	1 1/4	78	1 1/2	63,5	210	3046
FDP2424I	24	38,1	1 1/2	78	1 1/2	63,5	185	2683
FDP2432I	24	38,1	1 1/2	72	2	79,4	185	2683
FDP3232I	32	50,8	2	73	2	79,4	172	2495

Without o-ring / senza o-ring

FLANGE CODE 62 - 6000 PSI - 90° ELBOW

FLANGIA A 90° SAE J518 6000 PSI INTERNA

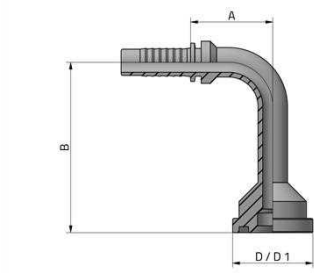


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90P0808I	8	12,5	1/2	39	44	1/2	31,7	415	6019
F90P0812I	8	12,5	1/2	39	51	3/4	41,3	415	6019
F90P1008I	10	16	5/8	49	50	1/2	31,7	350	5076
F90P1012I	10	16	5/8	49	59	3/4	41,3	350	5076
F90P1208I	12	19	3/4	57	53	1/2	31,7	350	5076
F90P1212I	12	19	3/4	57	62	3/4	41,3	350	5076
F90P1216I	12	19	3/4	57	67	1	47,6	350	5076
F90P1612I	16	25,4	1	77	64	3/4	41,3	280	4061
F90P1616I	16	25,4	1	77	69	1	47,6	280	4061
F90P1620I	16	25,4	1	77	73	1 1/4	54	280	4061
F90P2016I	20	31,8	1 1/4	89	87	1	47,6	210	3046
F90P2020I	20	31,8	1 1/4	89	93	1 1/4	54	210	3046
F90P2024I	20	31,8	1 1/4	89	97	1 1/2	63,5	210	3046
F90P2424I	24	38,1	1 1/2	101	111	1 1/2	63,5	185	2683
F90P2432I	24	38,1	1 1/2	101	126	2	79,4	185	2683
F90P3232I	32	50,8	2	144	128	2	79,4	172	2495

Without o-ring / senza o-ring

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

FLANGIA A 90° INTERA SAE 6000 LONG DROP

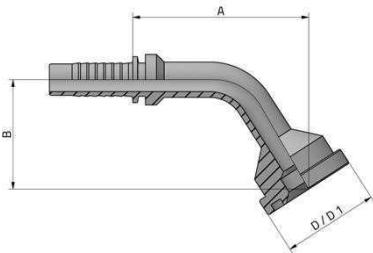


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90P1212ILD	12	19	3/4	57	100	3/4	41,3	350	5076
F90P1216ILD	12	19	3/4	57	137	1	47,6	350	5076
F90P1616ILD	16	25,4	1	77	120	1	47,6	280	4061
F90P2020ILD	20	31,8	1 1/4	89	115	1 1/4	54	210	3046
F90P2424ILD	24	38,1	1 1/2	95	135	1 1/2	63,5	185	2683

Without o-ring / senza o-ring

FLANGE CODE 62 - 6000 PSI - 60° ELBOW

FLANGIA A 60° SAE J518 6000 PSI INTERNA

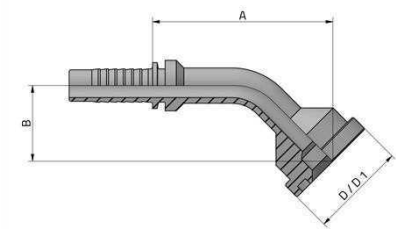


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
F60P0808I	8	12,5	1/2	64	1/2	31,7	415	6019
F60P0812I	8	12,5	1/2	69	3/4	41,3	415	6019
F60P1008I	10	16	5/8	60	1/2	31,7	350	5076
F60P1012I	10	16	5/8	66	3/4	41,3	350	5076
F60P1208I	12	19	3/4	64	1/2	31,7	350	5076
F60P1212I	12	19	3/4	70	3/4	41,3	350	5076
F60P1216I	12	19	3/4	74	1	47,6	350	5076
F60P1612I	16	25,4	1	86	3/4	41,3	280	4061
F60P1616I	16	25,4	1	89	1	47,6	280	4061
F60P1620I	16	25,4	1	94	1 1/4	54	280	4061
F60P2016I	20	31,8	1 1/4	100	1	47,6	210	3046
F60P2020I	20	31,8	1 1/4	104	1 1/4	54	210	3046
F60P2024I	20	31,8	1 1/4	107	1 1/2	63,5	210	3046
F60P2424I	24	38,1	1 1/2	118	1 1/2	63,5	185	2683
F60P2432I	24	38,1	1 1/2	119	2	79,4	185	2683
F60P3232I	32	50,8	2	153	2	79,4	172	2495

Without o-ring / senza o-ring

FLANGE CODE 62 - 6000 PSI - 45° ELBOW

FLANGIA A 45° SAE J518 6000 PSI INTERNA

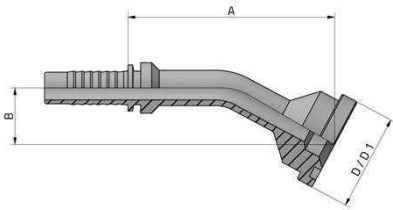


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F45P0808I	8	12,5	1/2	64	23	1/2	31,7	415	6019
F45P0812I	8	12,5	1/2	69	28	3/4	41,3	415	6019
F45P1008I	10	16	5/8	60	26	1/2	31,7	350	5076
F45P1012I	10	16	5/8	66	30	3/4	41,3	350	5076
F45P1208I	12	19	3/4	64	28	1/2	31,7	350	5076
F45P1212I	12	19	3/4	70	32	3/4	41,3	350	5076
F45P1216I	12	19	3/4	74	35	1	47,6	350	5076
F45P1612I	16	25,4	1	86	35	3/4	41,3	280	4061
F45P1616I	16	25,4	1	89	32	1	47,6	280	4061
F45P1620I	16	25,4	1	94	36	1 1/4	54	280	4061
F45P2016I	20	31,8	1 1/4	100	36	1	47,6	210	3046
F45P2020I	20	31,8	1 1/4	104	43	1 1/4	54	210	3046
F45P2024I	20	31,8	1 1/4	107	44	1 1/2	63,5	210	3046
F45P2424I	24	38,1	1 1/2	118	41	1 1/2	63,5	185	2683
F45P2432I	24	38,1	1 1/2	119	52	2	79,4	185	2683
F45P3232I	32	50,8	2	153	59	2	79,4	172	2495

Without o-ring / senza o-ring

FLANGE CODE 62 - 6000 PSI - 30° ELBOW

FLANGIA A 30° SAE J518 6000 PSI INTERA

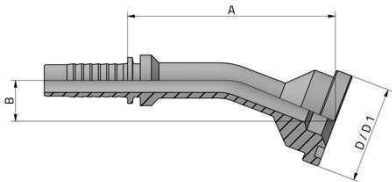


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
F30P0808I	8	12,5	1/2	64	1/2	31,7	415	6019
F30P0812I	8	12,5	1/2	69	3/4	41,3	415	6019
F30P1008I	10	16	5/8	60	1/2	31,7	350	5076
F30P1012I	10	16	5/8	66	3/4	41,3	350	5076
F30P1208I	12	19	3/4	64	1/2	31,7	350	5076
F30P1212I	12	19	3/4	70	3/4	41,3	350	5076
F30P1216I	12	19	3/4	74	1	47,6	350	5076
F30P1612I	16	25,4	1	86	3/4	41,3	280	4061
F30P1616I	16	25,4	1	89	1	47,6	280	4061
F30P1620I	16	25,4	1	94	1 1/4	54	280	4061
F30P2016I	20	31,8	1 1/4	100	1	47,6	210	3046
F30P2020I	20	31,8	1 1/4	104	1 1/4	54	210	3046
F30P2024I	20	31,8	1 1/4	107	1 1/2	63,5	210	3046
F30P2424I	24	38,1	1 1/2	118	1 1/2	63,5	185	2683
F30P2432I	24	38,1	1 1/2	119	2	79,4	185	2683
F30P3232I	32	50,8	2	153	2	79,4	172	2495

Without o-ring / senza o-ring

FLANGE CODE 62 - 6000 PSI - 22.5° ELBOW

FLANGIA A 22.5° SAE J518 6000 PSI INTERA

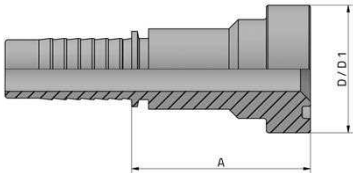


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
F22.5P0808I	8	12,5	1/2	64	1/2	31,7	415	6019
F22.5P0812I	8	12,5	1/2	69	3/4	41,3	415	6019
F22.5P1008I	10	16	5/8	60	1/2	31,7	350	5076
F22.5P1012I	10	16	5/8	66	3/4	41,3	350	5076
F22.5P1208I	12	19	3/4	64	1/2	31,7	350	5076
F22.5P1212I	12	19	3/4	70	3/4	41,3	350	5076
F22.5P1216I	12	19	3/4	74	1	47,6	350	5076
F22.5P1612I	16	25,4	1	86	3/4	41,3	280	4061
F22.5P1616I	16	25,4	1	89	1	47,6	280	4061
F22.5P1620I	16	25,4	1	94	1 1/4	54	280	4061
F22.5P2016I	20	31,8	1 1/4	100	1	47,6	210	3046
F22.5P2020I	20	31,8	1 1/4	104	1 1/4	54	210	3046
F22.5P2024I	20	31,8	1 1/4	107	1 1/2	63,5	210	3046
F22.5P2424I	24	38,1	1 1/2	118	1 1/2	63,5	185	2683
F22.5P2432I	24	38,1	1 1/2	119	2	79,4	185	2683
F22.5P3232I	32	50,8	2	153	2	79,4	172	2495

Without o-ring / senza o-ring

SUPERCAT FLANGE

FLANGIA DIRITTA SUPERCAT INTERA

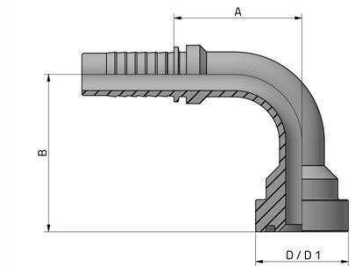


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
FDS1212I	12	19	3/4	58	3/4	41,3	350	5076
FDS1216I	12	19	3/4	69	1	47,6	350	5076
FDS1616I	16	25,4	1	70,8	1	47,6	280	4061
FDS1620I	16	25,4	1	75,3	1 1/4	54	280	4061
FDS2020I	20	31,8	1 1/4	71	1 1/4	54	210	3046
FDS2024I	20	31,8	1 1/4	80	1 1/2	63,5	210	3046
FDS2424I	24	38,1	1 1/2	80	1 1/2	63,5	185	2683

Without o-ring / senza o-ring

SUPERCAT FLANGE - 90° ELBOW

FLANGIA 90° SUPERCAT INTERA

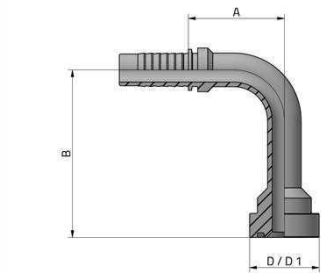


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90S1212I	12	19	3/4	57	67	3/4	41,3	350	5076
F90S1216I	12	19	3/4	57	73	1	47,6	350	5076
F90S1616I	16	25,4	1	77	75	1	47,6	280	4061
F90S1620I	16	25,4	1	77	80	1 1/4	54	280	4061
F90S2020I	20	31,8	1 1/4	89	97	1 1/4	54	210	3046
F90S2024I	20	31,8	1 1/4	89	99	1 1/2	63,5	210	3046
F90S2424I	24	38,1	1 1/2	101	113	1 1/2	63,5	185	2683

Without o-ring / senza o-ring

SUPERCAT FLANGE - 90° ELBOW (LONG DROP)

FLANGIA 90° SUPERCAT INTERA LONG DROP

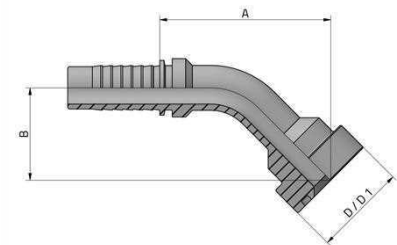


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90S1212ILD	12	19	3/4	57	105,4	3/4	41,3	350	5076
F90S1216ILD	12	19	3/4	57	142	1	47,6	350	5076
F90S1616ILD	16	25,4	1	77	124,8	1	47,6	280	4061
F90S2020ILD	20	31,8	1 1/4	89	123	1 1/4	54	210	3046
F90S2424ILD	24	38,1	1 1/2	101	139	1 1/2	63,5	185	2683

Without o-ring / senza o-ring

SUPERCAT FLANGE - 45° ELBOW

FLANGIA 45° SUPERCAT INTERA

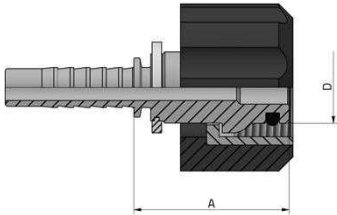


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F45S1212I	12	19	3/4	74	39	3/4	41,3	350	5076
F45S1216I	12	19	3/4	78	43	1	47,6	350	5076
F45S1616I	16	25,4	1	94	40	1	47,6	280	4061
F45S1620I	16	25,4	1	97	43	1 1/4	54	280	4061
F45S2020I	20	31,8	1 1/4	107	50	1 1/4	54	210	3046
F45S2024I	20	31,8	1 1/4	108	51	1 1/2	63,5	210	3046
F45S2424I	24	38,1	1 1/2	120	49	1 1/2	63,5	185	2683

Without o-ring / senza o-ring

WATERJET CLEANER FEMALE - FK TYPE

FEMMINA PER IDROPULITRICI TIPO "FK"

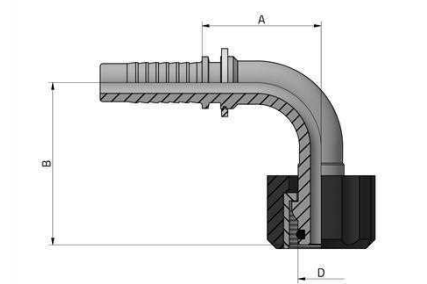


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	PN bar	PN psi
FDW0422T14	4	6,4	1/4	22x1,5	35	14	400	5801
FDW0422T15	4	6,4	1/4	22x1,5	35	15	400	5801
* FDW0422T15L	4	6,4	1/4	22x1,5	42	15	400	5801
FDW0522T14	5	7,9	5/16	22x1,5	32	14	400	5801
FDW0522T15	5	7,9	5/16	22x1,5	32	15	400	5801
* FDW0522T15L	5	7,9	5/16	22x1,5	39	15	400	5801
FDW0622T14	6	9,5	3/8	22x1,5	32	14	400	5801
FDW0622T15	6	9,5	3/8	22x1,5	32	15	400	5801

* For amateur use - Uso amatoriale

WATERJET CLEANER FEMALE - 90° elbow - FK TYPE

FEMMINA 90° PER IDROPULITRICI TIPO "FK"

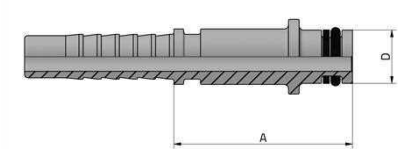


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	D mm	PN bar	PN psi
F90W0422T14	4	6,4	1/4	22x1,5	27,5	44,5	14	400	5801
F90W0522T14	5	7,9	5/16	22x1,5	32	44,5	14	400	5801
F90W0622T14	6	9,5	3/8	22x1,5	35	47	14	400	5801

* For amateur use - Uso amatoriale

PISTOL WASH CLEANER JUNCTION

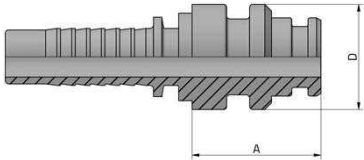
ATTACCO PER PISTOLE IDROPULTRICI



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	PN bar	PN psi
FW04D10	4	6,4	1/4	33,5	10	400	5801
FW04D11	4	6,4	1/4	33,5	11	400	5801
FW05D10	5	7,9	5/16	33,5	10	400	5801
FW05D11	5	7,9	5/16	33,5	11	400	5801

STAPLE-LOCK MALE

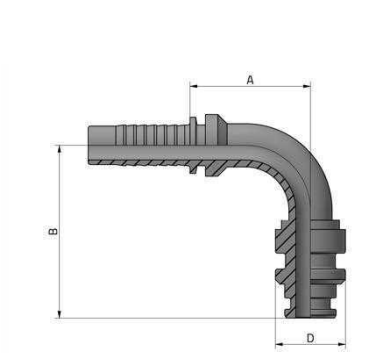
MASCHIO MINIERA



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	PN bar	PN psi
MINE0404	4	6,4	1/4	36,7	15	450	6526
MINE0606	6	9,5	3/8	36,7	20	400	5801
MINE0808	8	12,5	1/2	37,2	24	350	5076
MINE1212	12	19	3/4	37,4	29	275	3988
MINE1616	16	25,4	1	46,1	39	275	3988
MINE2020	20	31,8	1 1/4	44,6	46	210	3046
MINE2424	24	38,1	1 1/2	53,5	55	210	3046
MINE3232	32	50,8	2	51	64	175	2538

STAPLE-LOCK MALE - 90° ELBOW

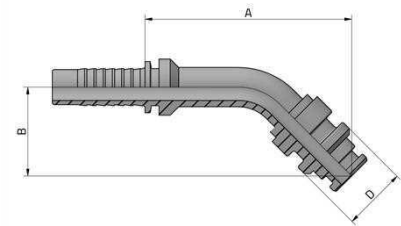
MASCHIO 90° MINIERA



Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D mm	PN bar	PN psi
MINE900606	6	9,5	3/8	32,5	53,5	20	400	5801
MINE900808	8	12,5	1/2	39	58	24	350	5076

STAPLE-LOCK MALE - 45° ELBOW

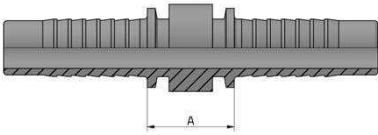
MASCHIO 45° MINIERA



Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D mm	PN bar	PN psi
MINE450606	6	9,5	3/8	65	34	20	400	5801
MINE450808	8	12,5	1/2	73	35	24	350	5076

DOUBLE CONNECTOR

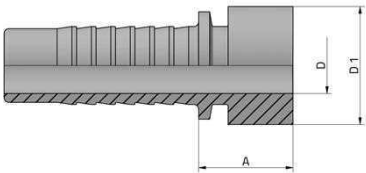
GIUNZIONE TUBO DIRITTA



Code	D.N.	Hose size mm	Hose size inch	A mm	PN bar	PN psi
GD04	4	6,4	1/4	15	450	6526
GD05	5	7,9	5/16	15	350	5076
GD06	6	9,5	3/8	16	445	6454
GD08	8	12,5	1/2	21	415	6019
GD10	10	16	5/8	17	350	5076
GD12	12	19	3/4	18,4	350	5076
GD16	16	25,4	1	20	280	4061
GD20	20	31,8	1 1/4	24	210	3046
GD24	24	38,1	1 1/2	24	210	3046

BRAZING TAIL

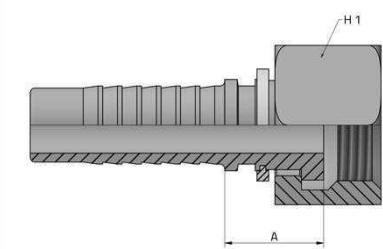
CODOLO A SALDARE



Code	D.N.	Hose size mm	Hose size inch	A mm	D1 mm
CS03	3	4,8	3/16	14,5	12
CS04	4	6,4	1/4	12,5	12
CS04T8	4	6,4	1/4	12,5	12
CS05	5	7,9	5/16	13,5	14
CS05T10	5	7,9	5/16	13,6	15
CS06	6	9,5	3/8	14,5	16
CS06T10	6	9,5	3/8	14,5	16
CS06T12	6	9,5	3/8	14,5	16
CS08	8	12,5	1/2	16	20
CS08T14	8	12,5	1/2	16	20
CS08T15	8	12,5	1/2	16	20
CS08T16	8	12,5	1/2	16	20
CS10	10	16	5/8	18	24
CS12	12	19	3/4	15,5	26
CS16	16	25,4	1	22	32
CS20	20	31,8	1 1/4	21,5	40
CS24	24	38,1	1 1/2	21,5	46
CS32	32	50,8	2	23	60

WHITWORTH CO2 FEMALE

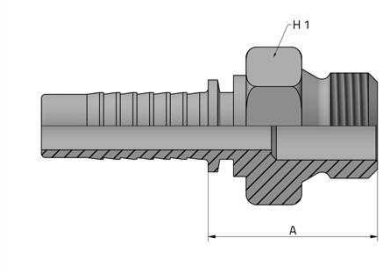
FEMMINA CO2 FILETTO WHITWORTH



Code	D.N.	Hose size mm	Hose size inch	T mm	T/1 inch	A mm	H1 mm
FW0521.7	5	7,9	5/16	21,7W	14	15,5	27
FW0621.7	6	9,5	3/8	21,7W	14	15,5	27
FW0821.7	8	12,5	1/2	21,7W	14	16	27

WHITWORTH CO2 MALE

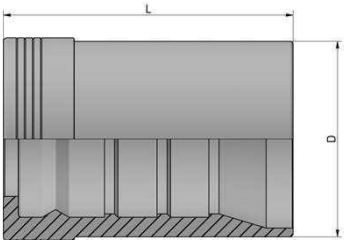
MASCHIO CO2 FILETTO WHITWORTH



Code	D.N.	Hose size mm	Hose size inch	T mm	T/1 inch	A mm	H1 mm
WHITWORTH MW0621.7	6	9,5	3/8	21,7W	14	27,5	24
WHITWORTH MW0821.7	8	12,5	1/2	21,7W	14	28	24

INTERLOCK FERRULE FOR 4SH

BOCCOLA PER TUBO 4SH

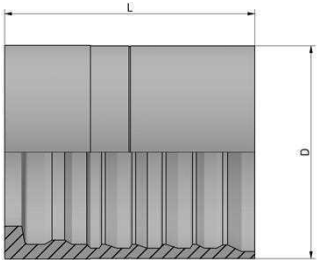


Code	D.N.	Hose size mm	Hose size inch	D mm	L mm	PN bar	PN psi
KB4SH08	8	12,5	1/2	30	52,5	450	6526
KB4SH10	10	16	5/8	36	51,7	450	6526
KB4SH12	12	19	3/4	38	60	420	6091
KB4SH16	16	25,4	1	46	74,5	420	6091
KB4SH20	20	31,8	1 1/4	56	87,8	350	5076
KB4SH24	24	38,1	1 1/2	62	94,4	300	4351
KB4SH32	32	50,8	2	79,5	99	250	3626

Double skive - Doppia pelatura

INTERLOCK FERRULE FOR R13/R15

BOCCOLA PER TUBO R13/R15

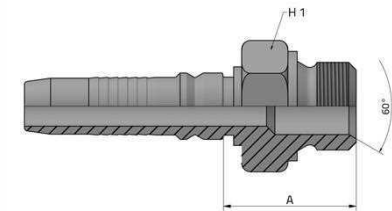


Code	D.N.	Hose size mm	Hose size inch	D mm	L mm	PN bar	PN psi
KBH1320	20	31,8	1 1/4	60	87,8	420	6091
KBH1324	24	38,1	1 1/2	67	94,4	420	6091
KBH1332	32	50,8	2	84,5	99	420	6091

Double skive - Doppia pelatura

INTERLOCK BSPP MALE

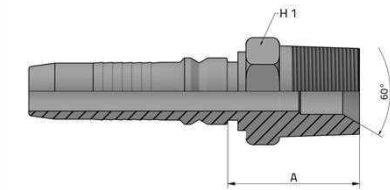
MASCHIO BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KMG1212	12	19	3/4	3/4	14	34,7	32	420	6091
KMG1616	16	25,4	1	1	11	37,1	38	420	6091
KMG1620	16	25,4	1	1 1/4	11	42,1	50	420	6091
KMG2020	20	31,8	1 1/4	1 1/4	11	43,7	50	420	6091
KMG2424	24	38,1	1 1/2	1 1/2	11	45,5	55	345	5004
KMG3232	32	50,8	2	2	11	53,1	70	345	5004

INTERLOCK BSPT MALE

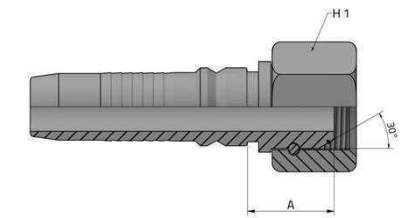
MASCHIO BSPT SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KMGK1212	12	19	3/4	3/4	14	34,7	27	420	6091
KMGK1616	16	25,4	1	1	11	43,5	36	420	6091
KMGK2020	20	31,8	1 1/4	1 1/4	11	44,2	46	414	6004
KMGK2424	24	38,1	1 1/2	1 1/2	11	45,5	50	345	5004
KMGK3232	32	50,8	2	2	11	57	65	345	5004

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

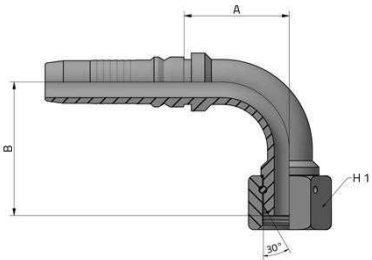
FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KFDG1212	12	19	3/4	3/4	14	24,7	32	420	6091
KFDG1216	12	19	3/4	1	11	25,2	41	420	6091
KFDG1616	16	25,4	1	1	11	26,1	41	420	6091
KFDG1620	16	25,4	1	1 1/4	11	27,5	50	414	6004
KFDG2020	20	31,8	1 1/4	1 1/4	11	28,7	50	345	5004
KFDG2424	24	38,1	1 1/2	1 1/2	11	31	55	345	5004
KFDG3232	32	50,8	2	2	11	32,3	70	345	5004

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

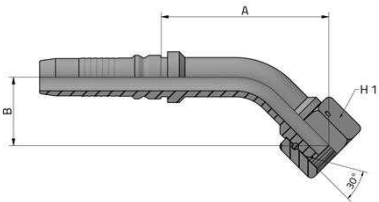
FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF90G1212	12	19	3/4	3/4	14	54	59	32	420	6091
KF90G1616	16	25,4	1	1	11	70,5	72	41	420	6091
KF90G1620	16	25,4	1	1 1/4	11	70,5	80	50	420	6091
KF90G2020	20	31,8	1 1/4	1 1/4	11	87,7	93	50	420	6091
KF90G2424	24	38,1	1 1/2	1 1/2	11	99,5	114	55	345	5004
KF90G3232	32	50,8	2	2	11	135	136	70	345	5004

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

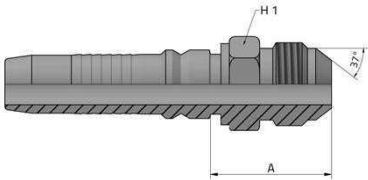
FEMMINA 45° BSPP SV60° DADO SPINATO CON O-RING



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF45G1212	12	19	3/4	3/4	14	60,7	29	32	420	6091
KF45G1616	16	25,4	1	1	11	87,5	41	41	420	6091
KF45G1620	16	25,4	1	1 1/4	11	90,5	44	50	420	6091
KF45G2020	20	31,8	1 1/4	1 1/4	11	100,5	44	50	420	6091
KF45G2424	24	38,1	1 1/2	1 1/2	11	116,5	45	55	345	5004
KF45G3232	32	50,8	2	2	11	156	68	70	345	5004

INTERLOCK JIC 37° MALE

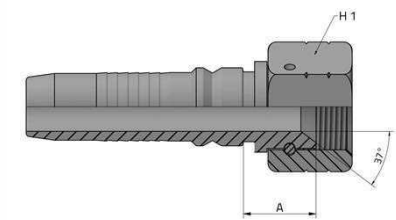
MASCHIO JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KMJ1212	12	19	3/4	1 1/16	12	38,2	27	420	6091
KMJ1214	12	19	3/4	1 3/16	12	39,2	32	420	6091
KMJ1216	12	19	3/4	1 5/16	12	39,2	34	420	6091
KMJ1616	16	25,4	1	1 5/16	12	40,1	34	420	6091
KMJ1620	16	25,4	1	1 5/8	12	42,5	42	350	5076
KMJ2020	20	31,8	1 1/4	1 5/8	12	43,7	42	350	5076
KMJ2024	20	31,8	1 1/4	1 7/8	12	50,2	50	350	5076
KMJ2424	24	38,1	1 1/2	1 7/8	12	51,5	50	350	5076
KMJ3232	32	50,8	2	2 1/2	12	61,1	65	350	5076

INTERLOCK JIC 37° FEMALE

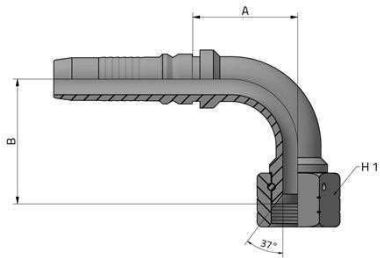
FEMMINA DIRITTA JIC SV 37° DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KFDJ1212	12	19	3/4	1 1/16	12	20,7	32	420	6091
KFDJ1214	12	19	3/4	1 3/16	12	20,7	36	420	6091
KFDJ1216	12	19	3/4	1 5/16	12	21,2	41	420	6091
KFDJ1616	16	25,4	1	1 5/16	12	22,1	41	420	6091
KFDJ1620	16	25,4	1	1 5/8	12	26,1	50	350	5076
KFDJ2020	20	31,8	1 1/4	1 5/8	12	27,2	50	350	5076
KFDJ2024	20	31,8	1 1/4	1 7/8	12	29,2	55	350	5076
KFDJ2424	24	38,1	1 1/2	1 7/8	12	29,5	55	350	5076
KFDJ3232	32	50,8	2	2 1/2	12	31,6	70	350	5076

INTERLOCK JIC 37° FEMALE - 90°

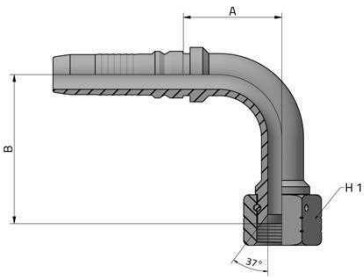
FEMMINA 90° JIC SV 37° DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF90J1212	12	19	3/4	1 1/16	12	58	51	32	420	6091
KF90J1214	12	19	3/4	1 3/16	12	61	51	36	420	6091
KF90J1216	12	19	3/4	1 5/16	12	62,5	51	41	420	6091
KF90J1616	16	25,4	1	1 5/16	12	69,5	70,5	41	420	6091
KF90J1620	16	25,4	1	1 5/8	12	78,5	70,5	50	350	5076
KF90J2020	20	31,8	1 1/4	1 5/8	12	91,5	87,5	50	350	5076
KF90J2024	20	31,8	1 1/4	1 7/8	12	99	87,5	55	350	5076
KF90J2424	24	38,1	1 1/2	1 7/8	12	112,5	99,5	55	350	5076
KF90J3232	32	50,8	2	2 1/2	12	101	110	70	350	5076

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

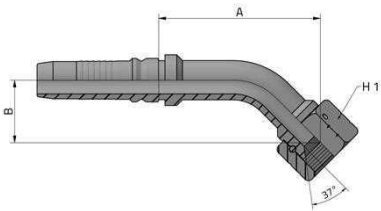
FEMMINA 90° JIC SV 37° DADO SPINATO LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF90J1212LD	12	19	3/4	1 1/16	12	62	94,5	32	420	6091
KF90J1616LD	16	25,4	1	1 5/16	12	77	110	41	420	6091
KF90J1620LD	16	25,4	1	1 5/8	12	77	116	50	350	5076
KF90J2020LD	20	31,8	1 1/4	1 5/8	12	89	136	50	350	5076
KF90J2424LD	24	38,1	1 1/2	1 7/8	12	101	162	55	350	5076
KF90J3232LD	32	50,8	2	2 1/2	12	135	220	70	350	5076

INTERLOCK JIC 37° FEMALE - 45° ELBOW

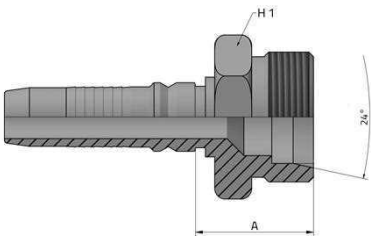
FEMMINA 45° JIC SV 37° DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF45J1212	12	19	3/4	1 1/16	12	59,5	29	32	420	6091
KF45J1214	12	19	3/4	1 3/16	12	60,5	29	36	420	6091
KF45J1216	12	19	3/4	1 5/16	12	60,5	29	41	420	6091
KF45J1616	16	25,4	1	1 5/16	12	86	39,5	41	420	6091
KF45J1620	16	25,4	1	1 5/8	12	87	38,5	50	350	5076
KF45J2020	20	31,8	1 1/4	1 5/8	12	99,5	44	50	350	5076
KF45J2024	20	31,8	1 1/4	1 7/8	12	101,5	45	55	350	5076
KF45J2424	24	38,1	1 1/2	1 7/8	12	116,5	45	55	350	5076
KF45J3232	32	50,8	2	2 1/2	12	156	65,8	70	350	5076

INTERLOCK METRIC MALE 24° CONE - S TYPE

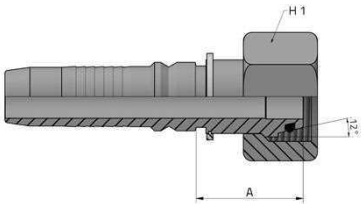
MASCHIO METRICO 24° DK05



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
KME1230S20	12	19	3/4	30x2	31,7	32	420	6091
KME1236S25	12	19	3/4	36x2	36,2	38	420	6091
KME1242S30	12	19	3/4	42x2	38,2	46	420	6091
KME1636S25	16	25,4	1	36x2	36,6	38	420	6091
KME1642S30	16	25,4	1	42x2	38,6	46	420	6091
KME2042S30	20	31,8	1 1/4	42x2	40,2	46	420	6091
KME2052S38	20	31,8	1 1/4	52x2	44,2	55	420	6091
KME2452S38	24	38,1	1 1/2	52x2	44,5	55	420	6091

INTERLOCK METRIC FEMALE 24° CONE - S TYPE

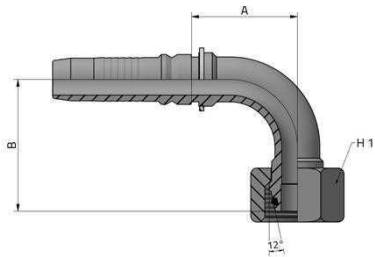
FEMMINA DIRITTA METRICA 24° DKOS CON O-RING



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
KFE1030S20	10	16	5/8	30x2	34,3	36	420	6091
KFE1230S20	12	19	3/4	30x2	34,5	36	420	6091
KFE1236S25	12	19	3/4	36x2	35,5	46	420	6091
KFE1636S25	16	25,4	1	36x2	36,4	46	420	6091
KFE1642S30	16	25,4	1	42x2	37,4	50	420	6091
KFE2042S30	20	31,8	1 1/4	42x2	39	50	420	6091
KFE2052S38	20	31,8	1 1/4	52x2	44,5	60	420	6091
KFE2452S38	24	38,1	1 1/2	52x2	45	60	420	6091

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

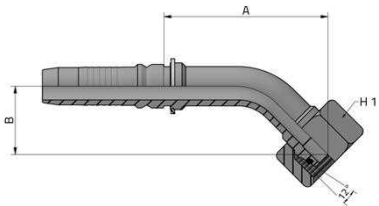
FEMMINA 90° METRICA O-RING 24° DKOS



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
KF90E1030S20	10	16	5/8	30x2	-	-	36	420	6091
KF90E1230S20	12	19	3/4	30x2	54	59	36	420	6091
KF90E1236S25	12	19	3/4	36x2	54	59	46	420	6091
KF90E1636S25	16	25,4	1	36x2	70,5	75	46	420	609
KF90E1642S30	16	25,4	1	42x2	70,5	75	50	420	6091
KF90E2042S30	20	31,8	1 1/4	42x2	90,5	86	50	420	6091
KF90E2052S38	20	31,8	1 1/4	52x2	90,5	86	60	420	6091
KF90E2452S38	24	38,1	1 1/2	52x2	97,5	94	60	420	6091

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

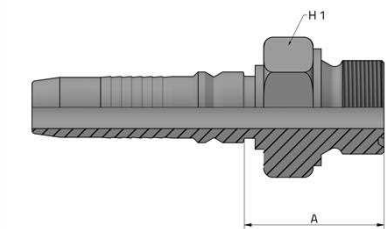
FEMMINA 90° METRICA O-RING 24° DKOS



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
KF45E1030S20	10	16	5/8	30x2	-	-	36	420	6091
KF45E1230S20	12	19	3/4	30x2	61,5	27	36	420	6091
KF45E1236S25	12	19	3/4	36x2	67,5	28	46	420	6091
KF45E1636S25	16	25,4	1	36x2	86	38	46	420	6091
KF45E1642S30	16	25,4	1	42x2	86,5	38	50	420	6091
KF45E2042S30	20	31,8	1 1/4	42x2	103	35	50	420	6091
KF45E2052S38	20	31,8	1 1/4	52x2	103	35	60	420	6091
KF45E2452S38	24	38,1	1 1/2	52x2	117,5	45	60	420	6091

INTERLOCK ORFS MALE

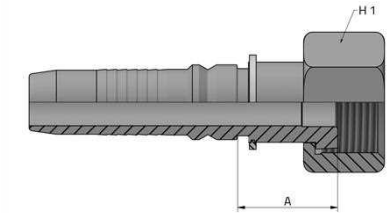
MASCHIO ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KMORFS1214	12	19	3/4	1 3/16	12	34,5	32	420	6091
KMORFS1215	12	19	3/4	1 7/16	12	36	41	420	6091
KMORFS1615	16	25,4	1	1 7/16	12	36,9	41	420	6091
KMORFS1621	16	25,4	1	1 11/16	12	36,9	46	420	6091
KMORFS2021	20	31,8	1 1/4	1 11/16	12	38	46	420	6091

INTERLOCK ORFS FEMALE

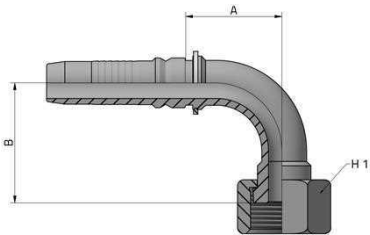
FEMMINA DIRITTA ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KFORFS1014	10	16	5/8	1 3/16	12	29,8	36	420	6091
KFORFS1214	12	19	3/4	1 3/16	12	30	36	420	6091
KFORFS1215	12	19	3/4	1 7/16	12	31	41	420	6091
KFORFS1615	16	25,4	1	1 7/16	12	31,9	41	420	6091
KFORFS1621	16	25,4	1	1 11/16	12	31,9	50	420	6091
KFORFS2021	20	31,8	1 1/4	1 11/16	12	33	50	420	6091

INTERLOCK ORFS FEMALE - 90° ELBOW

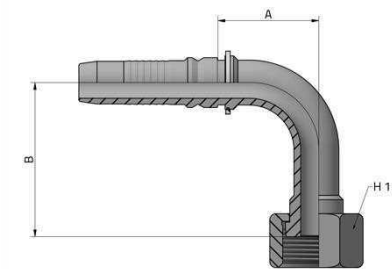
FEMMINA 90° ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF90ORFS1014	10	16	5/8	1 3/16	12	-	-	36	420	6091
KF90ORFS1214	12	19	3/4	1 3/16	12	53,5	49	36	420	6091
KF90ORFS1215	12	19	3/4	1 7/16	12	54	54	41	420	6091
KF90ORFS1615	16	25,4	1	1 7/16	12	71,5	59,5	41	420	6091
KF90ORFS1621	16	25,4	1	1 11/16	12	72	64	50	420	6091
KF90ORFS2021	20	31,8	1 1/4	1 11/16	12	88,5	75,5	50	420	6091

INTERLOCK ORFS FEMALE - 90° ELBOW (LONG DROP)

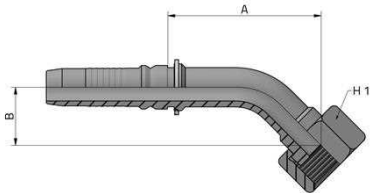
FEMMINA 90° ORFS LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF90ORFS1214LD	12	19	3/4	1 3/16	12	50	96	36	420	6091
KF90ORFS1615LD	16	25,4	1	1 7/16	12	62	113	41	420	6091
KF90ORFS2021LD	20	31,8	1 1/4	1 11/16	12	87	130	50	420	6091

INTERLOCK ORFS FEMALE - 45° ELBOW

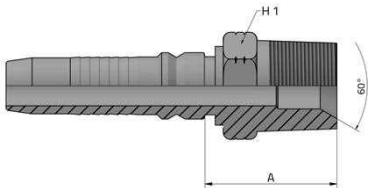
FEMMINA 45° ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
KF45ORFS1014	10	16	5/8	1 3/16	12	-	-	36	420	6091
KF45ORFS1214	12	19	3/4	1 3/16	12	55,5	23	36	420	6091
KF45ORFS1215	12	19	3/4	1 7/16	12	60	27	41	420	6091
KF45ORFS1615	16	25,4	1	1 7/16	12	78,5	26	41	420	6091
KF45ORFS1621	16	25,4	1	1 11/16	12	-	-	50	420	6091
KF45ORFS2021	20	31,8	1 1/4	1 11/16	12	91,5	34	50	420	6091

INTERLOCK NPTF MALE

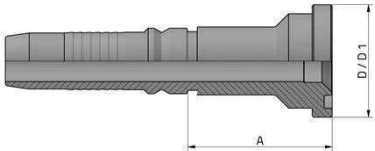
MASCHIO NPTF



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
KMNPTF1212	12	19	3/4	3/4	14	35,2	27	420	6091
KMNPTF1216	12	19	3/4	1	11,5	42,5	36	420	6091
KMNPTF1616	16	25,4	1	1	11,5	44,6	36	420	6091
KMNPTF1620	16	25,4	1	1 1/4	11,5	43	46	420	6091
KMNPTF2020	20	31,8	1 1/4	1 1/4	11,5	44,2	46	420	6091
KMNPTF2024	20	31,8	1 1/4	1 1/2	11,5	44	50	420	6091
KMNPTF2424	24	38,1	1 1/2	1 1/2	11,5	45,5	50	345	5004
KMNPTF3232	32	50,8	2	2	11,5	56,1	65	345	5004

INTERLOCK FLANGE CODE 61 - 3000 PSI

FLANGIA DIRITTA SAE J518 3000 PSI INTERA

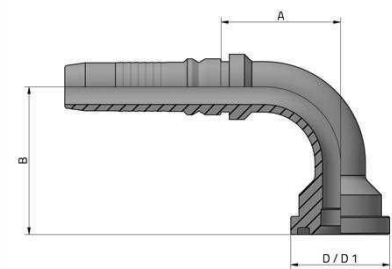


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
KFDL1212I	12	19	3/4	56,1	3/4	38,1	420	6091
KFDL1216I	12	19	3/4	47,7	1	44,5	420	6091
KFDL1612I	16	25,4	1	45,6	3/4	38,1	420	6091
KFDL1616I	16	25,4	1	56,6	1	44,5	420	6091
KFDL1620I	16	25,4	1	65,6	1 1/4	50,8	420	6091
KFDL2020I	20	31,8	1 1/4	62,7	1 1/4	50,8	250	3626
KFDL2024I	20	31,8	1 1/4	67,7	1 1/2	60,3	250	3626
KFDL2424I	24	38,1	1 1/2	68	1 1/2	60,3	200	2901
KFDL2432I	24	38,1	1 1/2	70,4	2	71,4	200	2901
KFDL3232I	32	50,8	2	72,1	2	71,4	200	2901

Without o-ring / senza o-ring

INTERLOCK FLANGE CODE 61 - 3000 PSI - 90° ELBOW

FLANGIA 90° SAE J518 3000 PSI INTERA

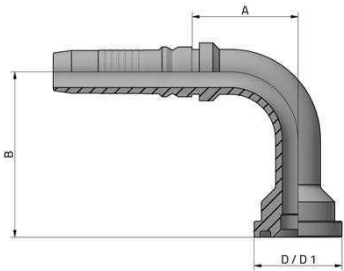


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF90L1212I	12	19	3/4	54,7	58	3/4	38,1	420	6091
KF90L1216I	12	19	3/4	54,7	62	1	44,5	420	6091
KF90L1612I	16	25,4	1	74,6	60	3/4	38,1	420	6091
KF90L1616I	16	25,4	1	70,6	68	1	44,5	420	6091
KF90L1620I	16	25,4	1	74,6	70	1 1/4	50,8	420	6091
KF90L2016I	20	31,8	1 1/4	87,5	85	1	44,5	250	3626
KF90L2020I	20	31,8	1 1/4	87,7	87	1 1/4	50,8	250	3626
KF90L2024I	20	31,8	1 1/4	87,7	88	1 1/2	60,3	250	3626
KF90L2424I	24	38,1	1 1/2	99,5	102	1 1/2	60,3	200	2901
KF90L2432I	24	38,1	1 1/2	99,5	118	2	71,4	200	2901
KF90L3232I	32	50,8	2	144	125	2	71,4	200	2901

Without o-ring / senza o-ring

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

FLANGIA 90° SAE J518 3000 PSI INTERA

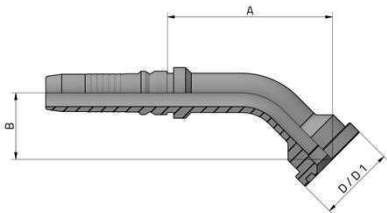


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF90L1212ILD	12	19	3/4	54,7	96,8	3/4	38,1	420	6091
KF90L1216ILD	12	19	3/4	54,7	135,5	1	44,5	420	6091
KF90L1616ILD	16	25,4	1	70,6	115,5	1	44,5	420	6091
KF90L2020ILD	20	31,8	1 1/4	87,7	115,2	1 1/4	50,8	250	3626
KF90L2424ILD	24	38,1	1 1/2	99,5	131,4	1 1/2	60,3	200	2901

Without o-ring / senza o-ring

INTERLOCK FLANGE CODE 61 - 3000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 3000 PSI INTERA

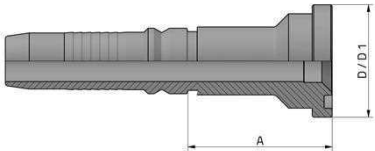


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF45L1212I	12	19	3/4	64,7	32	3/4	38,1	420	6091
KF45L1216I	12	19	3/4	67,7	35	1	44,5	420	6091
KF45L1612I	16	25,4	1	80,6	35	3/4	38,1	420	6091
KF45L1616I	16	25,4	1	83,6	32	1	44,5	420	6091
KF45L1620I	16	25,4	1	87,6	36	1 1/4	50,8	420	6091
KF45L2016I	20	31,8	1 1/4	97	42	1	44,5	250	3626
KF45L2020I	20	31,8	1 1/4	98,7	43	1 1/4	50,8	250	3626
KF45L2024I	20	31,8	1 1/4	99,7	44	1 1/2	60,3	250	3626
KF45L2424I	24	38,1	1 1/2	110,5	41	1 1/2	60,3	200	2901
KF45L2432I	24	38,1	1 1/2	121,5	52	2	71,4	200	2901
KF45L3232I	32	50,8	2	148	59	2	71,4	200	2901

Without o-ring / senza o-ring

INTERLOCK FLANGE CODE 62 - 6000 PSI

FLANGIA DIRITTA SAE J518 6000 PSI INTERA

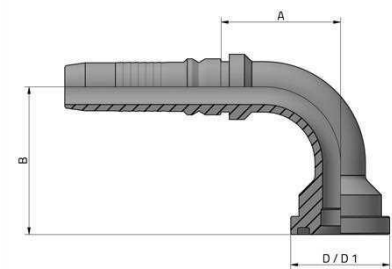


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
KFDP1212I	12	19	3/4	58,2	3/4	41,3	420	6091
KFDP1216I	12	19	3/4	61,7	1	47,6	420	6091
KFDP1612I	16	25,4	1	58,1	3/4	41,3	420	6091
KFDP1616I	16	25,4	1	63,6	1	47,6	420	6091
KFDP1620I	16	25,4	1	68,9	1 1/4	54	420	6091
KFDP2016I	20	31,8	1 1/4	63,7	1	47,6	420	6091
KFDP2020I	20	31,8	1 1/4	65,7	1 1/4	54	420	6091
KFDP2024I	20	31,8	1 1/4	76,3	1 1/2	63,5	420	6091
KFDP2420I	24	38,1	1 1/2	85,5	1 1/4	54	420	6091
KFDP2424I	24	38,1	1 1/2	76,6	1 1/2	63,5	420	6091
KFDP2432I	24	38,1	1 1/2	70,5	2	79,4	420	6091
KFDP3232I	32	50,8	2	71,9	2	79,4	420	6091

Without o-ring / senza o-ring

INTERLOCK FLANGE CODE 62 - 6000 PSI - 90° ELBOW

FLANGIA DIRITTA SAE J518 6000 PSI INTERA

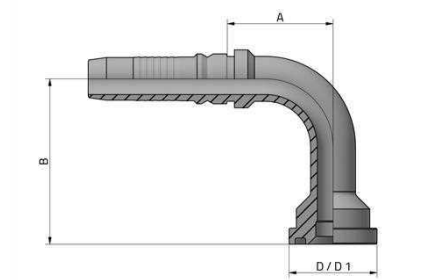


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF90P1212I	12	19	3/4	54,7	62	3/4	41,3	420	6091
KF90P1216I	12	19	3/4	54,7	67	1	47,6	420	6091
KF90P1612I	16	25,4	1	74,6	64	3/4	41,3	420	6091
KF90P1616I	16	25,4	1	70,6	69	1	47,6	420	6091
KF90P1620I	16	25,4	1	74,6	76	1 1/4	54	420	6091
KF90P2016I	20	31,8	1 1/4	87,5	90	1	47,6	420	6091
KF90P2020I	20	31,8	1 1/4	87,7	93	1 1/4	54	420	6091
KF90P2024I	20	31,8	1 1/4	87,7	97	1 1/2	63,5	420	6091
KF90P2424I	24	38,1	1 1/2	99,5	111	1 1/2	63,5	350	5076
KF90P2432I	24	38,1	1 1/2	110	128	2	79,4	350	5076
KF90P3232I	32	50,8	2	144	128	2	79,4	350	5076

Without o-ring / senza o-ring

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

FLANGIA DIRITTA SAE J518 6000 PSI INTERA LONG DROP

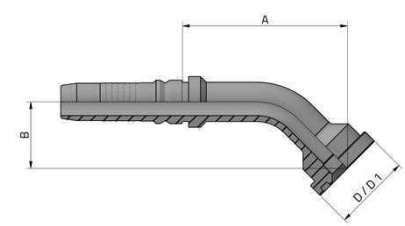


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF90P1212ILD	12	19	3/4	54,7	100	3/4	41,3	420	6091
KF90P1216ILD	12	19	3/4	54,7	137	1	47,6	420	6091
KF90P1616ILD	16	25,4	1	70,6	120	1	47,6	420	6091
KF90P2020ILD	20	31,8	1 1/4	87,7	115	1 1/4	54	420	6091
KF90P2424ILD	24	38,1	1 1/2	95	135	1 1/2	63,5	420	6091

Without o-ring / senza o-ring

INTERLOCK FLANGE CODE 62 - 6000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 6000 PSI INTERA

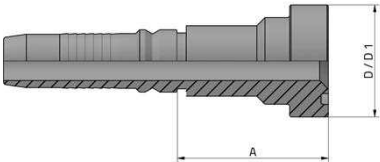


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF45P1212I	12	19	3/4	67,7	35	3/4	41,3	420	6091
KF45P1216I	12	19	3/4	71,7	39	1	47,6	420	6091
KF45P1612I	16	25,4	1	83,6	32	3/4	41,3	415	6091
KF45P1616I	16	25,4	1	86,6	35	1	47,6	420	6019
KF45P1620I	16	25,4	1	91,6	40	1 1/4	54	420	6019
KF45P2024I	20	31,8	1 1/4	105,7	50	1 1/2	63,5	420	6091
KF45P2424I	24	38,1	1 1/2	116,5	47	1 1/2	63,5	350	5076
KF45P2432I	24	38,1	1 1/2	145	64	2	79,4	350	5076
KF45P3232I	32	50,8	2	153	64	2	79,4	350	5076

Without o-ring / senza o-ring

INTERLOCK SUPERCAT FLANGE

FLANGIA DIRITTA SUPERCAT

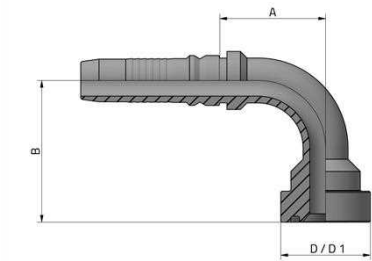


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
KFDS1212I	12	19	3/4	63,6	3/4	41,3	420	6091
KFDS1216I	12	19	3/4	66,5	1	47,6	420	6091
KFDS1616I	16	25,4	1	68,4	1	47,6	420	6091
KFDS1620I	16	25,4	1	72,9	1 1/4	54	420	6091
KFDS2020I	20	31,8	1 1/4	69,7	1 1/4	54	420	6091
KFDS2024I	20	31,8	1 1/4	78	1 1/2	63,5	420	6091
KFDS2424I	24	38,1	1 1/2	78,3	1 1/2	63,5	420	6091

Without o-ring / senza o-ring

INTERLOCK SUPERCAT FLANGE - 90° ELBOW

FLANGIA 90° SUPERCAT

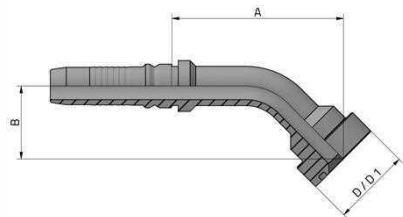


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF90S1212I	12	19	3/4	54,7	67	3/4	41,3	420	6091
KF90S1216I	12	19	3/4	54,7	73	1	47,6	420	6091
KF90S1616I	16	25,4	1	70,6	75	1	47,6	420	6091
KF90S1620I	16	25,4	1	74,6	80	1 1/4	54	420	6091
KF90S2020I	20	31,8	1 1/4	87,7	97	1 1/4	54	420	6091
KF90S2024I	20	31,8	1 1/4	87,7	99	1 1/2	63,5	420	6091
KF90S2424I	24	38,1	1 1/2	99,5	113	1 1/2	63,5	350	5076

Without o-ring / senza o-ring

INTERLOCK SUPERCAT FLANGE - 45° ELBOW

FLANGIA 45° SUPERCAT

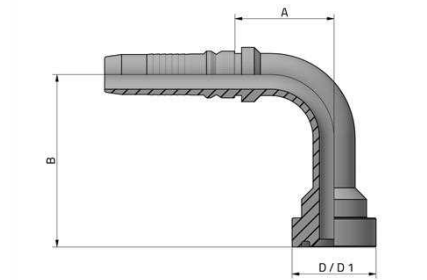


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF45S1212I	12	19	3/4	71,7	39	3/4	41,3	420	6091
KF45S1216I	12	19	3/4	75,7	43	1	47,6	420	6091
KF45S1616I	16	25,4	1	91,6	40	1	47,6	420	6091
KF45S1620I	16	25,4	1	94,6	43	1 1/4	54	420	6091
KF45S2020I	20	31,8	1 1/4	105,7	50	1 1/4	54	420	6091
KF45S2024I	20	31,8	1 1/4	106,7	51	1 1/2	63,5	420	6091
KF45S2424I	24	38,1	1 1/2	118,5	49	1 1/2	63,5	350	5076

Without o-ring / senza o-ring

INTERLOCK SUPERCAT FLANGE - 90° ELBOW (LONG DROP)

FLANGIA 90° SUPERCAT LONG DROP

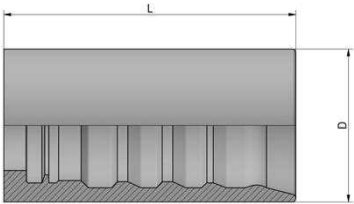


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
KF90S1212ILD	12	19	3/4	54,7	105,4	3/4	41,3	420	6091
KF90S1216ILD	12	19	3/4	54,7	144,8	1	47,6	420	6091
KF90S1616ILD	16	25,4	1	70,6	124,8	1	47,6	420	6091
KF90S2020ILD	20	31,8	1 1/4	87,7	124	1 1/4	54	420	6091
KF90S2424ILD	24	38,1	1 1/2	99,5	141,7	1 1/2	63,5	350	5076

Without o-ring / senza o-ring

FERRULE FOR WATERBLAST 4 SPIRAL HOSE

BOCCOLA PER TUBO WATERBLAST A 4 SPIRALI

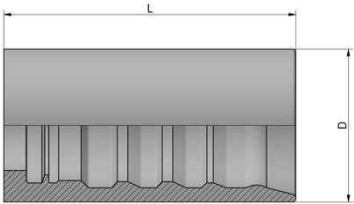


Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
WB4-06	6	9,5	3/8	30	57,5
WB4-08	8	12,5	1/2	34	65
WB4-12	12	19	3/4	45	69
WB4-16	16	25,4	1	48	66,5

Double skive - Doppia pelatura

FERRULE FOR WATERBLAST 6 SPIRAL HOSE

BOCCOLA PER TUBO WATERBLAST A 6 SPIRALI

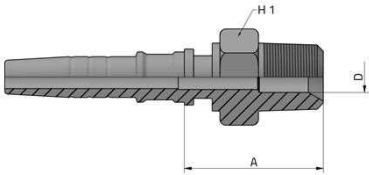


Code	D.N.	Hose size mm	Hose size inch	D mm	L mm
WB6-08	8	12,5	1/2	38,4	64,8
WB6-12	12	19	3/4	48,6	69

Double skive - Doppia pelatura

INTERLOCK NPTF MALE FOR WATERBLAST HOSE

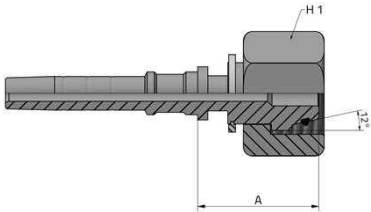
MASCHIO NPTF SV 60° SAE J516 PER TUBO WATERBLAST



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	D mm	H1 mm	PN bar	PN psi
KMNPTF0606WB	6	9,5	3/8	3/8	18	38	8,5	22	1250	18120
KMNPTF0808WB	8	12,5	1/2	1/2	14	45	10	27	1450	21000
KMNPTF1212WB	12	19	3/4	3/4	14	46	16	32	1350	19580
KMNPTF1616WB	16	25,4	1	1	11,5	44,4	20,5	36	700	10153

INTERLOCK METRIC FEMALE FOR WATERBLAST HOSE

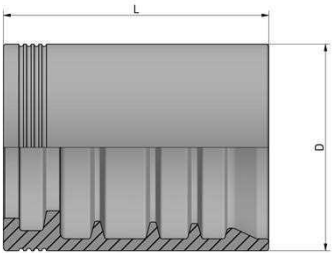
FEMMINA DIRITTA METRICA SERIE PESANTE DIN 3865PER TUBO WATERBLAST



Code	D.N.	Hose size mm	Hose size inch	T mm	T/1 inch	A mm	D mm	H1 mm	PN bar	PN psi
KFE0622S14WB	6	9,5	3/8	22x1,5	14	32	4,8	27	1250	18120
KFE0624S16WB	6	9,5	3/8	24x1,5	16	34,4	7,5	32	1250	18120
KFE0824S16WB	8	12,5	1/2	24x1,5	16	35,5	7,5	32	1450	21000
KFE1236S25WB	12	19	3/4	36x2	25	44,5	12	46	1350	19580
KFE1642S30WB	16	25,4	1	42x2	30	40	20,5	50	700	10153

HyperSpiral FERRULE FOR SPIRAL HOSE

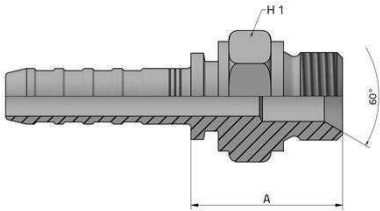
BOCCOLA PER TUBO SPIRALATO



Code	D.N.	Hose size mm	Hose size inch	D mm	L mm	PN bar	PN psi
HB4NS06	6	9,5	3/8	33	43,9	460	6672
HB4NS08	8	12,5	1/2	36	45,5	450	6526
HB4NS10	10	16	5/8	42	50,3	450	6526
HB4NS12	12	19	3/4	45	55,2	420	6091
HB4NS16	16	25,4	1	54	68,3	420	6091
HB4NS20	20	31,8	1 1/4	64	75,2	420	6091
HB6NS20	20	31,8	1 1/4	68	75,2	420	6091
HB6NS24	24	38,1	1 1/2	71	77	300	4351

HyperSpiral BSPP MALE 60° CONE

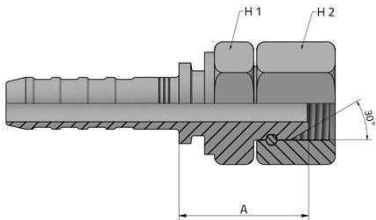
MASCHIO BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
HMG0606	6	9,5	3/8	3/8	19	33,5	22	460	6672
HMG0608	6	9,5	3/8	1/2	14	37	27	450	6526
HMG0806	8	12,5	1/2	3/8	19	33,5	27	450	6526
HMG0808	8	12,5	1/2	1/2	14	36	27	450	6526
HMG0810	8	12,5	1/2	5/8	14	38	30	450	6526
HMG0812	8	12,5	1/2	3/4	14	38	32	450	6526
HMG1010	10	16	5/8	5/8	14	37	32	450	6526
HMG1012	10	16	5/8	3/4	14	39	32	420	6091
HMG1016	10	16	5/8	1	11	42,5	38	420	6091
HMG1208	12	19	3/4	1/2	14	37	34	420	6091
HMG1210	12	19	3/4	5/8	14	39	34	420	6091
HMG1212	12	19	3/4	3/4	14	39	34	420	6091
HMG1216	12	19	3/4	1	11	42,5	38	420	6091
HMG1612	16	25,4	1	1	11	41	42	420	6091
HMG1616	16	25,4	1	1	11	42,5	42	420	6091
HMG1620	16	25,4	1	1 1/4	11	44	50	420	6091
HMG2020	20	31,8	1 1/4	1 1/4	11	50,2	50	420	6091
HMG2024	20	31,8	1 1/4	1 1/2	11	51,2	55	420	6091
HMG2424	24	38,1	1 1/2	1 1/2	11	51,2	55	420	6091

HyperSpiral BSPP FEMALE 60° CONE THRUST-WIRE NUT

FEMMINA DIRITTA BSPP SV 60° DADO SPINATO CON O-RING

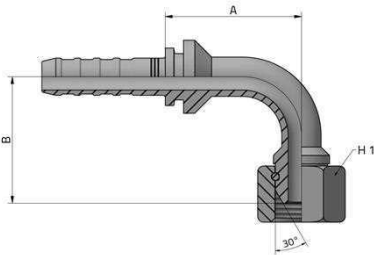


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
HFDG0606SP	6	9,5	3/8	3/8	19	32	22	22	460	6672
HFDG0608SP	6	9,5	3/8	1/2	14	33	22	27	450	6526
HFDG0806SP	8	12,5	1/2	3/8	19	32	27	22	450	6526
HFDG0808SP	8	12,5	1/2	1/2	14	33	27	27	450	6526
HFDG0812SP	8	12,5	1/2	3/4	14	37	27	32	450	6526
HFDG1008SP	10	16	5/8	1/2	14	34	32	27	450	6526
HFDG1012SP	10	16	5/8	3/4	14	38	32	32	420	6091
HFDG1208SP	12	19	3/4	1/2	14	34	34	27	420	6091
HFDG1212SP	12	19	3/4	3/4	14	38	34	32	420	6091
HFDG1216SP	12	19	3/4	1	11	38	34	41	420	6091
HFDG1612SP	16	25,4	1	3/4	14	40	42	32	420	6091
HFDG1616SP	16	25,4	1	1	11	40	42	41	420	6091
HFDG1620SP	16	25,4	1	1 1/4	11	41,5	42	50	420	6091
HFDG2020SP	20	31,8	1 1/4	1 1/4	11	47,7	50	50	420	6091
HFDG2024SP	20	31,8	1 1/4	1 1/2	11	49,7	50	55	420	6091

Without o-ring / senza o-ring

HyperSpiral BSPP FEMALE 90° ELBOW THRUST-WIRE NUT

FEMMINA 90° BSPP SV60° DADO SPINATO CON O-RING

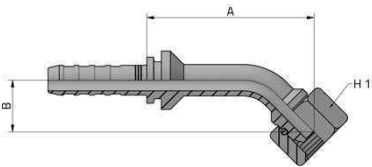


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF90G0606SP	6	9,5	3/8	3/8	19	39	41	22	420	6091
HF90G0608SP	6	9,5	3/8	1/2	14	39	42,5	27	420	6091
HF90G0806SP	8	12,5	1/2	3/8	19	43,5	43	22	420	6091
HF90G0808SP	8	12,5	1/2	1/2	14	43,5	46	27	420	6091
HF90G0812SP	8	12,5	1/2	3/4	14	43,5	51,5	27	420	6091
HF90G1008SP	10	16	5/8	1/2	14	55,5	57	27	420	6091
HF90G1012SP	10	16	5/8	3/4	14	55,5	56,5	32	420	6091
HF90G1208SP	12	19	3/4	1/2	14	59	57	27	420	6091
HF90G1212SP	12	19	3/4	3/4	14	59	61	32	420	6091
HF90G1216SP	12	19	3/4	1	11	59	66,5	38	420	6091
HF90G1612SP	16	25,4	1	3/4	14	74	71,5	32	420	6091
HF90G1616SP	16	25,4	1	1	11	78,5	75	38	420	6091
HF90G1620SP	16	25,4	1	1 1/4	11	78,5	79,5	50	420	6091
HF90G2020SP	20	31,8	1 1/4	1 1/4	11	96,7	92,5	50	420	6091
HF90G2024SP	20	31,8	1 1/4	1 1/2	11	96,7	97,5	55	420	6091
HF90G2424SP	24	38,1	1 1/2	1 1/2	11			55	420	6091

Without o-ring / senza o-ring

HyperSpiral BSPP FEMALE 45° ELBOW THRUST-WIRE NUT

FEMMINA 45° BSPP SV60° DADO SPINATO CON O-RING



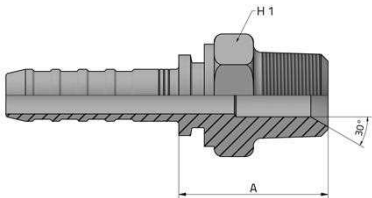
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF45G0606SP	6	9,5	3/8	3/8	19	63,1	22,1	22	420	6091
HF45G0608SP	6	9,5	3/8	1/2	14	65,4	24,4	27	420	6091
HF45G0806SP	8	12,5	1/2	3/4	14	67,5	20	22	420	6091
HF45G0808SP	8	12,5	1/2	1/2	14	70,2	23,7	27	420	6091
HF45G0812SP	8	12,5	1/2	3/4	14	70,9	21,4	32	420	6091
HF45G1008SP	10	16	5/8	1/2	14	70,6	26,1	27	420	6091
HF45G1012SP	10	16	5/8	3/4	14	70,9	26,4	32	420	6091
HF45G1208SP	12	19	3/4	1/2	14	68,2	28,7	27	420	6091
HF45G1212SP	12	19	3/4	3/4	14	69,9	30,4	32	420	6091
HF45G1216SP	12	19	3/4	1	11	71,6	32,1	38	420	6091
HF45G1612SP	16	25,4	1	3/4	14	93,1	38,6	32	420	6091
HF45G1616SP	16	25,4	1	1	11	97,6	43,1	38	420	6091
HF45G1620SP	16	25,4	1	1 1/4	11	98,1	43,6	50	420	6091
HF45G2020SP	20	31,8	1 1/4	1 1/4	11	117,3	43,6	50	420	6091
HF45G2024SP	20	31,8	1 1/4	1 1/2	11	117	44,3	55	420	6091

Without o-ring / senza o-ring

HyperSpiral NPTF MALE

MASCHIO NPTF SV 60°

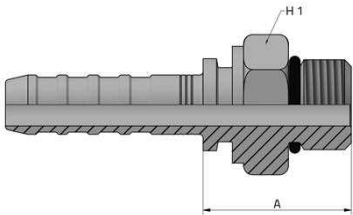
MÂLE NPTF CÔNE 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
HMNPTF0606	6	9,5	3/8	3/8	18	33,2	22	420	6091
HMNPTF0608	6	9,5	3/8	1/2	14	38	22	420	6091
HMNPTF0808	8	12,5	1/2	1/2	14	38	27	420	6091
HMNPTF0812	8	12,5	1/2	3/4	14	38	30	420	6091
HMNPTF1008	10	16	5/8	1/2	14	39	32	420	6091
HMNPTF1012	10	16	5/8	3/4	14	39	32	420	6091
HMNPTF1212	12	19	3/4	3/4	14	39	34	420	6091
HMNPTF1216	12	19	3/4	1	11,5	46	36	420	6091
HMNPTF1612	16	25,4	1	3/4	14	41	42	420	6091
HMNPTF1616	16	25,4	1	1	11,5	46	42	420	6091
HMNPTF1620	16	25,4	1	1 1/4	11,5	49,6	46	420	6091
HMNPTF2020	20	31,8	1 1/4	1 1/4	11,5	52,8	50	420	6091
HMNPTF2424	24	38,1	1 1/2	1 1/2	11,5	59	55	420	6091

HyperSpiral O-RING BOSS MALE

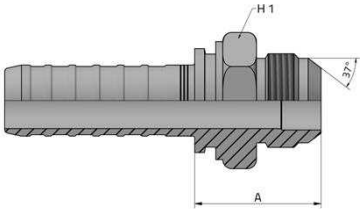
MASCHIO O-RING BOSS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
HMOB0606	6	9,5	3/8	9/16	18	31	22	420	6091
HMOB0608	6	9,5	3/8	3/4	16	33	22	420	6091
HMOB0610	6	9,5	3/8	7/8	14	36	27	420	6091
HMOB0808	8	12,5	1/2	3/4	16	33	27	420	6091
HMOB0810	8	12,5	1/2	7/8	14	35	27	420	6091
HMOB0812	8	12,5	1/2	1 1/16	12	37,5	32	420	6091
HMOB1008	10	16	5/8	3/4	16	34	32	420	6091
HMOB1010	10	16	5/8	7/8	14	36	32	420	6091
HMOB1012	10	16	5/8	1 1/16	12	38,5	32	420	6091
HMOB1212	12	19	3/4	1 1/16	12	38,5	34	420	6091
HMOB1216	12	19	3/4	1 5/16	12	42,5	38	420	6091
HMOB1616	16	25,4	1	1 5/16	12	40,5	42	420	6091
HMOB1620	16	25,4	1	1 5/8	12	43,5	46	420	6091
HMOB2020	20	31,8	1 1/4	1 5/8	12	46,7	50	420	6091

HyperSpiral JIC 37° MALE

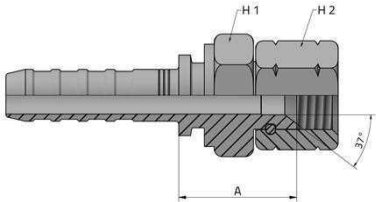
MASCHIO JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
HMJ0606	6	9,5	3/8	9/16	18	33	22	420	6091
HMJ0608	6	9,5	3/8	3/4	16	35,5	22	420	6091
HMJ0610	6	9,5	3/8	7/8	14	38,5	24	420	6091
HMJ0808	8	12,5	1/2	3/4	16	35,5	27	420	6091
HMJ0810	8	12,5	1/2	7/8	14	38,5	27	420	6091
HMJ1010	10	16	5/8	7/8	14	39,5	32	420	6091
HMJ1012	10	16	5/8	1 1/16	12	42	32	420	6091
HMJ1210	12	19	3/4	7/8	14	39,5	34	420	6091
HMJ1212	12	19	3/4	1 1/16	12	42	34	420	6091
HMJ1214	12	19	3/4	1 3/16	12	43	34	420	6091
HMJ1216	12	19	3/4	1 5/16	12	43	34	420	6091
HMJ1612	16	25,4	1	1 1/16	12	44	42	420	6091
HMJ1616	16	25,4	1	1 5/16	12	45	42	420	6091
HMJ1620	16	25,4	1	1 5/8	12	46,5	42	420	6091
HMJ2020	20	31,8	1 1/4	1 5/8	12	52,7	50	420	6091
HMJ2024	20	31,8	1 1/4	1 7/8	12	57,2	50	420	6091
HMJ2424	24	38,1	1 1/2	1 7/8	12	57,2	55	420	6091

HyperSpiral JIC 37° FEMALE THRUST WIRE NUT

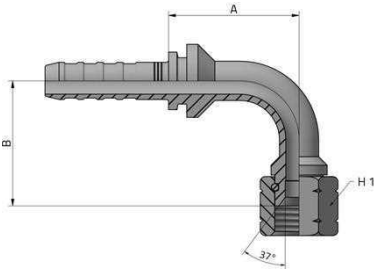
FEMMINA DIRITTA JIC SV 37° DADO SPINATO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
HFDJ0606SP	6	9,5	3/8	9/16	18	29	22	19	420	6091
HFDJ0608SP	6	9,5	3/8	3/4	16	30	22	24	420	6091
HFDJ0610SP	6	9,5	3/8	7/8	14	30,4	22	27	420	6091
HFDJ0808SP	8	12,5	1/2	3/4	16	30	27	24	420	6091
HFDJ0810SP	8	12,5	1/2	7/8	14	30,4	27	27	420	6091
HFDJ0812SP	8	12,5	1/2	1 1/16	12	33	27	32	420	6091
HFDJ1010SP	10	16	5/8	7/8	14	31,4	32	27	420	6091
HFDJ1012SP	10	16	5/8	1 1/16	12	34	32	32	420	6091
HFDJ1210SP	12	19	3/4	7/8	14	31,4	34	27	420	6091
HFDJ1212SP	12	19	3/4	1 1/16	12	34	34	32	420	6091
HFDJ1214SP	12	19	3/4	1 3/16	12	34	34	36	420	6091
HFDJ1216SP	12	19	3/4	1 5/16	12	34	34	41	420	6091
HFDJ1612SP	16	25,4	1	1 1/16	12	36	42	32	420	6091
HFDJ1614SP	16	25,4	1	1 3/16	12	36	42	36	420	6091
HFDJ1616SP	16	25,4	1	1 5/16	12	36	42	41	420	6091
HFDJ1620SP	16	25,4	1	1 5/8	12	40	42	50	420	6091
HFDJ2016SP	20	31,8	1 1/4	1 5/16	12	42,2	50	41	420	6091
HFDJ2020SP	20	31,8	1 1/4	1 5/8	12	46,2	50	50	420	6091
HFDJ2024SP	20	31,8	1 1/4	1 7/8	12	48,2	50	55	420	6091
HFDJ2424SP	24	38,1	1 1/2	1 7/8	12	49	55	55	420	6091

HyperSpiral JIC 37° FEMALE - 90° ELBOW THRUST WIRE NUT

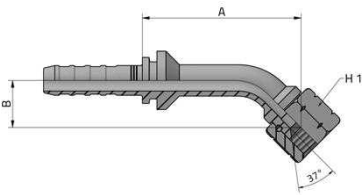
FEMMINA 90° JIC SV 37° (CON DADO SPINATO)



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF90J0606SP	6	9,5	3/8	9/16	18	39	37	19	420	6091
HF90J0608SP	6	9,5	3/8	3/4	16	39	37,5	24	420	6091
HF90J0610SP	6	9,5	3/8	7/8	14	39	47	27	420	6091
HF90J0808SP	8	12,5	1/2	3/4	16	43,5	41,5	24	420	6091
HF90J0810SP	8	12,5	1/2	7/8	14	43,5	43	27	420	6091
HF90J0812SP	8	12,5	1/2	1 1/16	12	43,5	50	32	420	6091
HF90J1010SP	10	16	5/8	7/8	14	55,5	50,5	27	420	6091
HF90J1012SP	10	16	5/8	1 1/16	12	55,5	56	32	420	6091
HF90J1210SP	12	19	3/4	7/8	14	59	63,6	27	420	6091
HF90J1212SP	12	19	3/4	1 1/16	12	59	60,5	32	420	6091
HF90J1216SP	12	19	3/4	1 5/16	12	59	65	41	420	6091
HF90J1612SP	16	25,4	1	1 1/16	12	74,5	79,5	32	420	6091
HF90J1616SP	16	25,4	1	1 5/16	12	78,5	69	41	420	6091
HF90J1620SP	16	25,4	1	1 5/8	12	78,5	77,5	50	420	6091
HF90J2020SP	20	31,8	1 1/4	1 5/8	12	96,7	90,5	50	420	6091
HF90J2024SP	20	31,8	1 1/4	1 7/8	12	96,7	98	55	420	6091
HF90J2424SP	24	38,1	1 1/2	1 7/8	12			55	420	6091

HyperSpiral JIC 37° FEMALE - 45° ELBOW THRUST WIRE NUT

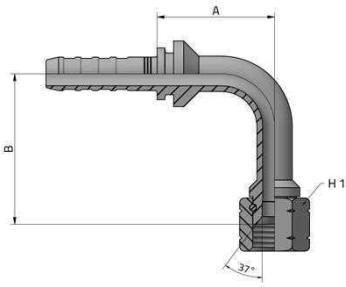
FEMMINA 45° JIC SV 37° (CON DADO SPINATO)



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF45J0606SP	6	9,5	3/8	9/16	18	60,4	19,4	19	420	6091
HF45J0610SP	6	9,5	3/8	7/8	14	67,3	26,3	27	420	6091
HF45J0808SP	8	12,5	1/2	3/4	16	66,9	20,4	24	420	6091
HF45J0810SP	8	12,5	1/2	7/8	14	67,9	21,4	27	420	6091
HF45J0812SP	8	12,5	1/2	1 1/16	12	68,5	22	32	420	6091
HF45J1010SP	10	16	5/8	7/8	14	66,9	22,4	27	420	6091
HF45J1012SP	10	16	5/8	1 1/16	12	70,2	25,7	32	420	6091
HF45J1210SP	12	19	3/4	7/8	14	71,5	33	27	420	6091
HF45J1212SP	12	19	3/4	1 1/16	12	69,3	30,8	32	420	6091
HF45J1216SP	12	19	3/4	1 5/16	12	70,3	30,8	41	420	6091
HF45J1612SP	16	25,4	1	1 1/16	12	105,1	39,1	32	420	6091
HF45J1616SP	16	25,4	1	1 5/16	12	93,6	39,1	41	420	6091
HF45J1620SP	16	25,4	1	1 5/8	12	94,3	37,8	50	420	6091
HF45J2020SP	20	31,8	1 1/4	1 5/8	12	108	43,3	50	420	6091
HF45J2024SP	20	31,8	1 1/4	1 7/8	12	110	44,3	55	420	6091
HF45J2424SP	24	38,1	1 1/2	1 7/8	12			55	420	6091

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

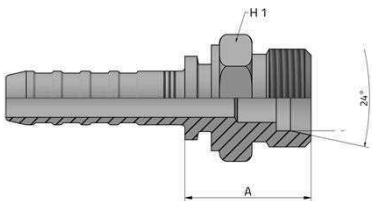
FEMMINA 90° JIC SV 37° LONG DROP(CON DADO SPINATO)



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF90J1010SPLD	10	16	5/8	7/8	14	55	72	27	420	6091
HF90J1212SPLD	12	19	3/4	1 1/16	12	67	94	32	420	6091
HF90J1616SPLD	16	25,4	1	1 5/16	12	84	135	41	420	6091
HF90J2424SPLD	24	38,1	1 1/2	1 7/8	12	-	-	55	420	6091

HyperSpiral METRIC MALE 24° CONE - L TYPE

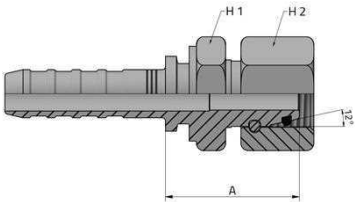
MASCHIO METRICO 24° DKOL



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
HME0616L10	6	9,5	3/8	16x1,5	30,2	22	420	6091
HME0618L12	6	9,5	3/8	18x1,5	30,2	22	420	6091
HME0622L15	6	9,5	3/8	22x1,5	32	24	420	6091
HME0818L12	8	12,5	1/2	18x1,5	30	27	420	6091
HME0822L15	8	12,5	1/2	22x1,5	31	27	420	6091
HME0826L18	8	12,5	1/2	26x1,5	31	27	420	6091
HME1026L18	10	16	5/8	26x1,5	32	32	420	6091
HME1030L22	10	16	5/8	30x2	33,5	32	420	6091
HME1226L18	12	19	3/4	26x1,5	32	34	420	6091
HME1230L22	12	19	3/4	30x2	33,5	34	420	6091
HME1636L28	16	25,4	1	36x2	36	42	420	6091
HME2045L35	20	31,8	1 1/4	45x2	44,2	50	420	6091
HME2452L42	24	38,1	1 1/2	52x2	44,2	55	420	6091

HyperSpiral METRIC FEMALE 24° CONE - L TYPE

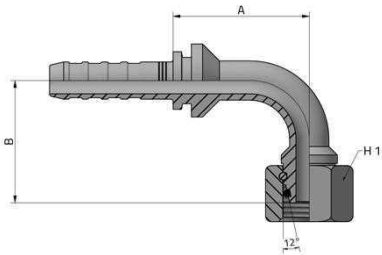
FEMMINA 90° METRICA DKOL CON O-RING 24°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	H2 mm	PN bar	PN psi
HFE0616L10	6	9,5	3/8	16x1,5	36,2	22	19	420	6091
HFE0618L12	6	9,5	3/8	18x1,5	36,5	22	22	420	6091
HFE0622L15	6	9,5	3/8	18x1,5	39,9	22	27	420	6091
HFE0818L12	8	12,5	1/2	18x1,5	36,5	27	22	420	6091
HFE0822L15	8	12,5	1/2	22x1,5	39,9	27	27	420	6091
HFE0826L18	8	12,5	1/2	26x1,5	38,7	27	32	420	6091
HFE1026L18	10	16	5/8	26x1,5	39,7	32	32	420	6091
HFE1030L22	10	16	5/8	30x2	42,6	32	36	420	6091
HFE1226L18	12	19	3/4	26x1,5	39,7	34	32	420	6091
HFE1230L22	12	19	3/4	30x2	42,6	34	36	420	6091
HFE1236L28	12	19	3/4	36x2	44	34	41	420	6091
HFE1636L28	16	25,4	1	36x2	46	42	41	420	6091
HFE2045L35	20	31,8	1 1/4	45x2	54,3	50	50	420	6091
HFE2452L42	24	38,1	1 1/2	52x2	55,4	55	60	420	6091

HyperSpiral METRIC FEMALE 24° CONE - 90° ELBOW - L TYPE

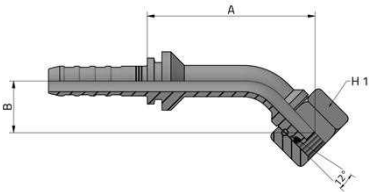
FEMMINA 90° METRICA DKOL CON O-RING 24°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
HF90E0616L10	6	9,5	3/8	16x1,5	39	39,2	19	420	6091
HF90E0618L12	6	9,5	3/8	18x1,5	41,8	44,3	22	420	6091
HF90E0622L15	6	9,5	3/8	22x1,5	40,3	49,5	27	420	6091
HF90E0818L12	8	12,5	1/2	18x1,5	43,5	50	22	420	6091
HF90E0822L15	8	12,5	1/2	22x1,5	45,1	52	27	420	6091
HF90E0826L18	8	12,5	1/2	26x1,5	44,7	52,8	32	420	6091
HF90E1026L18	10	16	5/8	26x1,5	56,1	56,8	32	420	6091
HF90E1030L22	10	16	5/8	30x2	55,4	61,7	36	420	6091
HF90E1226L18	12	19	3/4	26x1,5	59	63,4	32	420	6091
HF90E1230L22	12	19	3/4	30x2	62,1	65,2	36	420	6091
HF90E1236L28	12	19	3/4	36x2	62,1	66,6	41	420	6091
HF90E1636L28	16	25,4	1	36x2	76,6	84,1	41	420	6091
HF90E2045L35	20	31,8	1 1/4	45x2	100,3	97,7	50	420	6091
HF90E2452L42	24	38,1	1 1/2	52x2			60	420	6091

HyperSpiral METRIC FEMALE 24° CONE - 45° ELBOW - L TYPE

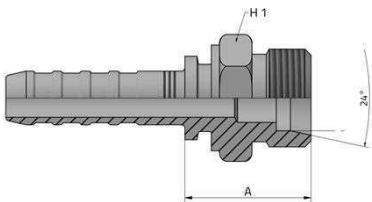
FEMMINA 45° METRICA O-RING 24° DKOL CON O-RING



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
HF45E0616L10	6	9,5	3/8	16x1,5	61,8	20,8	19	420	6091
HF45E0618L12	6	9,5	3/8	18x1,5	68,1	21,8	22	420	6091
HF45E0622L15	6	9,5	3/8	22x1,5	70,6	24,3	27	420	6091
HF45E0818L12	8	12,5	1/2	18x1,5	70,2	27,7	22	420	6091
HF45E0822L15	8	12,5	1/2	22x1,5	75,2	27,6	27	420	6091
HF45E0826L18	8	12,5	1/2	26x1,5	74,6	30,4	32	420	6091
HF45E1026L18	10	16	5/8	26x1,5	73,5	32,4	32	420	6091
HF45E1030L22	10	16	5/8	30x2	76,5	36,2	36	420	6091
HF45E1226L18	12	19	3/4	26x1,5	68,4	33,4	32	420	6091
HF45E1230L22	12	19	3/4	30x2	75,5	33,9	34	420	6091
HF45E1236L28	12	19	3/4	36x2	97,9	34,8	41	420	6091
HF45E1636L28	16	25,4	1	36x2	97,3	46,7	41	420	6091
HF45E2045L35	20	31,8	1 1/4	45x2	120,7	42,9	50	420	6091

HyperSpiral METRIC MALE 24° CONE - S TYPE

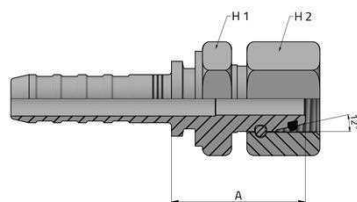
MASCHIO METRICO 24° DKOS



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
HME0618S10	6	9,5	3/8	18x1,5	30,2	22	420	6091
HME0620S12	6	9,5	3/8	20x1,5	31	22	420	6091
HME0622S14	6	9,5	3/8	22x1,5	34,5	24	420	6091
HME0824S16	8	12,5	1/2	24x1,5	33,5	27	420	6091
HME1030S20	10	16	5/8	30x2	35,5	32	420	6091
HME1036S25	10	16	5/8	36x2	40	38	420	6091
HME1230S20	12	19	3/4	30x2	36	34	420	6091
HME1236S25	12	19	3/4	36x2	40	38	420	6091
HME1242S30	12	19	3/4	42x2	45	46	420	6091
HME1636S25	16	25,4	1	36x2	40	42	420	6091
HME1642S30	16	25,4	1	42x2	54	46	420	6091
HME2042S30	20	31,8	1 1/4	42x2	48,2	50	420	6091
HME2052S38	20	31,8	1 1/4	52x2	50,2	55	420	6091
HME2452S38	24	38,1	1 1/2	52x2	50,2	55	420	6091

HyperSpiral METRIC FEMALE 24° CONE - S TYPE

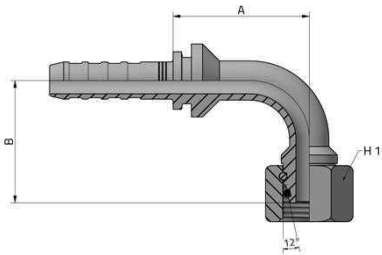
FEMMINA DIRITTA METRICA O-RING 24° DKOS



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	H2 mm	PN bar	PN psi
HFE0618S10	6	9,5	3/8	18x1,5	36,5	22	22	420	6091
HFE0620S12	6	9,5	3/8	20x1,5	38,5	24	22	420	6091
HFE0622S14	6	9,5	3/8	22x1,5	39,2	27	22	420	6091
HFE0822S14	8	12,5	1/2	22x1,5	39,2	27	27	420	6091
HFE0824S16	8	12,5	1/2	24x1,5	39,7	30	27	420	6091
HFE0830S20	8	12,5	1/2	30x2	41,5	36	27	420	6091
HFE1030S20	10	16	5/8	30x2	42,5	36	32	420	6091
HFE1036S25	10	16	5/8	36x2	44,7	46	32	420	6091
HFE1230S20	12	19	3/4	30x2	42,5	36	34	420	6091
HFE1236S25	12	19	3/4	36x2	44,7	46	34	420	6091
HFE1242S30	12	19	3/4	42x2	49	50	42	420	6091
HFE1636S25	16	25,4	1	36x2	46,7	46	42	420	6091
HFE1642S30	16	25,4	1	42x2	49	50	42	420	6091
HFE2042S30	20	31,8	1 1/4	42x2	55,2	50	50	420	6091
HFE2052S38	20	31,8	1 1/4	52x2	59,2	60	50	420	6091
HFE2452S38	24	38,1	1 1/2	52x2	59,2	60	55	420	6091

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

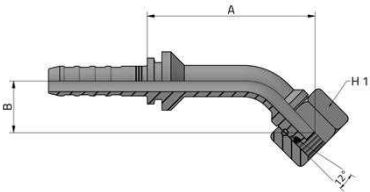
FEMMINA 90° METRICA O-RING 24° DKOS



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
HF90E0618S10	6	9,5	3/8	18x1,5	40,3	39,2	22	420	6091
HF90E0620S12	6	9,5	3/8	20x1,5	41,8	46,3	24	420	6091
HF90E0622S14	6	9,5	3/8	22x1,5	40,3	49	27	420	6091
HF90E0822S14	8	12,5	1/2	22x1,5	44,6	49,8	27	420	6091
HF90E0824S16	8	12,5	1/2	24x1,5	42,2	52,9	30	420	6091
HF90E0830S20	8	12,5	1/2	30x2	42,2	57	36	420	6091
HF90E1030S20	10	16	5/8	30x2	55,4	63,6	36	420	6091
HF90E1036S25	10	16	5/8	36x2	55,4	68,8	46	420	6091
HF90E1230S20	12	19	3/4	30x2	62,1	67,6	36	420	6091
HF90E1236S25	12	19	3/4	36x2	62,1	69,3	46	420	6091
HF90E1636S25	16	25,4	1	36x2	78,6	81,2	46	420	6091
HF90E1642S30	16	25,4	1	42x2	78,6	89,6	50	420	6091
HF90E2042S30	20	31,8	1 1/4	42x2	100,3	96,1	50	420	6091
HF90E2052S38	20	31,8	1 1/4	52x2	100,2	98,9	60	420	6091
HF90E2452S38	24	38,1	1 1/2	52x2			60	420	6091

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

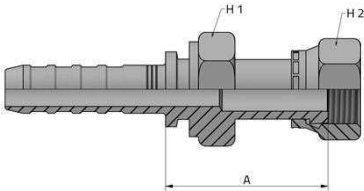
FEMMINA 45° METRICA O-RING 24° DKOS



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
HF45E0618S10	6	9,5	3/8	18x1,5	63,1	20,8	22	420	6091
HF45E0620S12	6	9,5	3/8	20x1,5	69,5	23,2	24	420	6091
HF45E0622S14	6	9,5	3/8	22x1,5	70,2	23,9	27	420	6091
HF45E0822S14	8	12,5	1/2	22x1,5	74,1	26,1	27	420	6091
HF45E0824S16	8	12,5	1/2	24x1,5	76,7	27,5	30	420	6091
HF45E0830S20	8	12,5	1/2	30x2	75,1	27,4	36	420	6091
HF45E1030S20	10	16	5/8	30x2	76,7	31,4	36	420	6091
HF45E1036S25	10	16	5/8	36x2	79,7	32,9	46	420	6091
HF45E1230S20	12	19	3/4	30x2	75,7	33,1	36	420	6091
HF45E1236S25	12	19	3/4	36x2	82,8	35,2	46	420	6091
HF45E1636S25	16	25,4	1	36x2	98,5	42,4	46	420	6091
HF45E1642S30	16	25,4	1	42x2	104,9	48,3	50	420	6091
HF45E2042S30	20	31,8	1 1/4	42x2	119,9	42,1	50	420	6091
HF45E2052S38	20	31,8	1 1/4	52x2	121,8	44,1	60	420	6091
HF45E2452S38	24	38,1	1 1/2	52x2			60	420	6091

HyperSpiral ORFS FEMALE (DOUBLE HEXAGON)

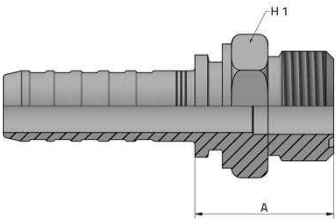
FEMMINA DIRITTA ORFS - DOPPIO ESAGONO



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
HFORFS0606GIR	6	9,5	3/8	9/16	18	36,5	22	19	420	6091
HFORFS0609GIR	6	9,5	3/8	11/16	16	39	22	22	420	6091
HFORFS0611GIR	6	9,5	3/8	13/16	16	44,5	22	24	420	6091
HFORFS0809GIR	8	12,5	1/2	11/16	16	39	27	22	420	6091
HFORFS0811GIR	8	12,5	1/2	13/16	16	44,5	27	24	420	6091
HFORFS0813GIR	8	12,5	1/2	1	14	44	27	30	420	6091
HFORFS0814GIR	8	12,5	1/2	1 3/16	16	45,5	30	36	420	6091
HFORFS1013GIR	10	16	5/8	1	14	45	32	30	420	6091
HFORFS1014GIR	10	16	5/8	1 3/16	16	46,5	32	36	420	6091
HFORFS1213GIR	12	19	3/4	1	14	45	34	30	420	6091
HFORFS1214GIR	12	19	3/4	1 3/16	16	46,5	34	36	420	6091
HFORFS1215GIR	12	19	3/4	1 7/16	12	47	36	41	420	6091
HFORFS1221GIR	12	19	3/4	1 11/16	12	51	41	50	420	6091
HFORFS1614GIR	16	25,4	1	1 3/16	16	48,5	42	36	420	6091
HFORFS1615GIR	16	25,4	1	1 7/16	12	49	42	41	420	6091
HFORFS1621GIR	16	25,4	1	1 11/16	12	51	42	50	420	6091
HFORFS2021GIR	20	31,8	1 1/4	1 11/16	12	57,2	50	50	420	6091
HFORFS2032GIR	20	31,8	1 1/4	2	12	57,2	50	60	420	6091

HyperSpiral ORFS MALE

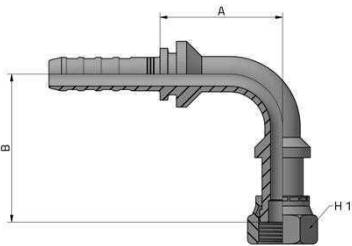
MASCHIO ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
HMORFS0609	6	9,5	3/8	11/16	16	31,5	22	420	6091
HMORFS0611	6	9,5	3/8	13/16	16	32,5	22	420	6091
HMORFS0613	6	9,5	3/8	1	14	36,5	27	420	6091
HMORFS0811	8	12,5	1/2	13/16	16	32,5	27	420	6091
HMORFS0813	8	12,5	1/2	1	16	35,5	27	420	6091
HMORFS0814	8	12,5	1/2	1 3/16	16	37	32	420	6091
HMORFS1013	10	16	5/8	1	14	36,5	32	420	6091
HMORFS1014	10	16	5/8	1 3/16	16	38	32	420	6091
HMORFS1214	12	19	3/4	1 3/16	16	38	34	420	6091
HMORFS1215	12	19	3/4	1 7/16	12	41,5	41	420	6091
HMORFS1615	16	25,4	1	1 7/16	12	41,5	42	420	6091
HMORFS2021	20	31,8	1 1/4	1 11/16	12	45,7	50	420	6091
HMORFS2432	24	38,4	1 1/2	2	12	51,7	55	420	6091

HyperSpiral ORFS FEMALE SWIVEL 90° ELBOW

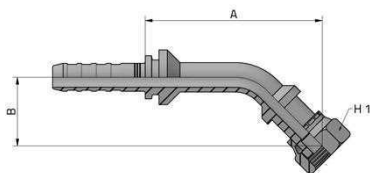
FEMMINA 90° ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF90ORFS0606	6	9,5	3/8	9/16	18	38,5	46,5	19	420	6091
HF90ORFS0609	6	9,5	3/8	11/16	16	42,3	47,8	22	420	6091
HF90ORFS0611	6	9,5	3/8	13/16	16	40,3	52,6	24	420	6091
HF90ORFS0809	8	12,5	1/2	11/16	16	45	50	22	420	6091
HF90ORFS0811	8	12,5	1/2	13/16	16	42,6	58,1	24	420	6091
HF90ORFS0813	8	12,5	1/2	1	14	44,1	54,7	30	420	6091
HF90ORFS0814	8	12,5	1/2	1 3/16	16	43,1	58,1	36	420	6091
HF90ORFS1013	10	16	5/8	1	14	59,1	65,2	30	420	6091
HF90ORFS1014	10	16	5/8	1 3/16	16	54,1	64,6	36	420	6091
HF90ORFS1213	12	19	3/4	1	14	60,6	72,2	30	420	6091
HF90ORFS1214	12	19	3/4	1 3/16	16	61,6	73,6	36	420	6091
HF90ORFS1215	12	19	3/4	1 7/16	12	62,1	77,5	41	420	6091
HF90ORFS1221	12	19	3/4	1 11/16	12	97,6	83,9	50	420	6091
HF90ORFS1614	16	25,4	1	1 3/16	16	75,5	86,5	36	420	6091
HF90ORFS1615	16	25,4	1	1 7/16	12	79,6	85,6	41	420	6091
HF90ORFS1621	16	25,4	1	1 11/16	12	97,5	99,4	50	420	6091
HF90ORFS2021	20	31,8	1 1/4	1 11/16	12	98,1	99,9	50	420	6091
HF90ORFS2032	20	31,8	1 1/4	2	12	103,1	90,6	60	420	6091

HyperSpiral ORFS FEMALE SWIVEL 45° ELBOW

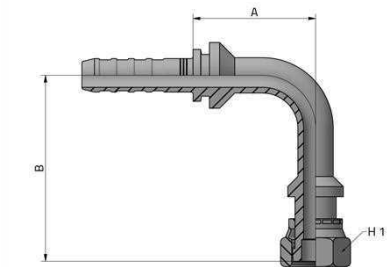
FEMMINA 45° ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF45ORFS0606	6	9,5	3/8	9/16	18	62,8	25,8	19	420	6091
HF45ORFS0609	6	9,5	3/8	11/16	16	70,6	26,3	22	420	6091
HF45ORFS0611	6	9,5	3/8	13/16	16	72,8	31,5	24	420	6091
HF45ORFS0809	8	12,5	1/2	11/16	16	75,8	25,3	22	420	6091
HF45ORFS0811	8	12,5	1/2	13/16	16	78,6	33,6	24	420	6091
HF45ORFS0813	8	12,5	1/2	1	14	77,1	31,1	30	420	6091
HF45ORFS0814	8	12,5	1/2	1 3/16	16	79,1	36,1	36	420	6091
HF45ORFS1013	10	16	5/8	1	14	77,9	35,3	30	420	6091
HF45ORFS1014	10	16	5/8	1 3/16	16	76,3	32,7	36	420	6091
HF45ORFS1213	12	19	3/4	1	14	79,5	39,4	30	420	6091
HF45ORFS1214	12	19	3/4	1 3/16	16	81	40,4	36	420	6091
HF45ORFS1215	12	19	3/4	1 7/16	12	84,7	43,6	41	420	6091
HF45ORFS1221	12	19	3/4	1 11/16	12	112,5	46,9	50	420	6091
HF45ORFS1614	16	25,4	1	1 3/16	16	103,1	44,1	36	420	6091
HF45ORFS1615	16	25,4	1	1 7/16	12	105	44,4	41	420	6091
HF45ORFS1621	16	25,4	1	1 11/16	12	112,8	43,3	50	420	6091
HF45ORFS2021	20	31,8	1 1/4	1 11/16	12	118,4	51,3	50	420	6091
HF45ORFS2032	20	31,8	1 1/4	2	12	116,4	45,3	60	420	6091
HF45ORFS2432	24	38,1	1 1/2	2	12	-	-	60	420	6091

HyperSpiral ORFS FEMALE SWIVEL 90° ELBOW LONG DROP

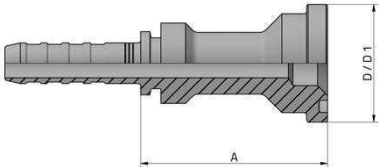
FEMMINA 90° ORFS LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
HF90ORFS1013LD	10	16	5/8	1	14	59	81	30	420	6091
HF90ORFS1014LD	10	16	5/8	1 3/16	16	59	86	36	420	6091
HF90ORFS1214LD	12	19	3/4	1 3/16	16	62	108	36	420	6091
HF90ORFS1615LD	16	25,4	1	1 7/16	12	78	124	41	420	6091

HyperSpiral FLANGE CODE 61 - 3000 PSI

FLANGIA 3000 PSI

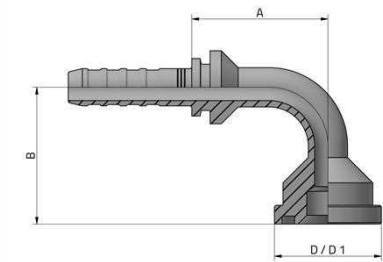


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
HFDL0808I	8	12,5	1/2	56,2	1/2	30,2	420	6091
HFDL0810I	8	12,5	1/2	58	5/8	34	420	6091
HFDL0812I	8	12,5	1/2	63	3/4	38,1	420	6091
HFDL1010I	10	16	5/8	58,8	5/8	34	420	6091
HFDL1012I	10	16	5/8	60,3	3/4	38,1	420	6091
HFDL1208I	12	19	3/4	63,2	1/2	30,2	420	6091
HFDL1212I	12	19	3/4	61,3	3/4	38,1	420	6091
HFDL1216I	12	19	3/4	65	1	44,5	420	6091
HFDL1612I	16	25,4	1	59	3/4	38,1	420	6091
HFDL1616I	16	25,4	1	68	1	44,5	420	6091
HFDL1620I	16	25,4	1	74	1 1/4	50,8	420	6091
HFDL2016I	20	31,8	1 1/4	65,2	1	44,5	420	6091
HFDL2020I	20	31,8	1 1/4	85,2	1 1/4	50,8	420	6091
HFDL2024I	20	31,8	1 1/4	90,2	1 1/2	60,3	420	6091
HFDL2424I	24	38,1	1 1/2	87,2	1 1/2	60,3	420	6091
HFDL2432I	24	38,1	1 1/2	102,2	2	71,4	420	6091

Without o-ring / senza o-ring

HyperSpiral FLANGE CODE 61 - 3000 PSI - 90° ELBOW

FLANGIA 90° SAE J518 3000 PSI INTERA

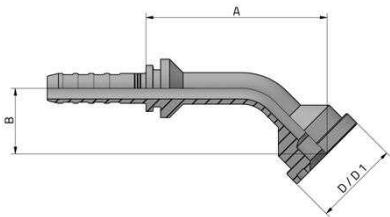


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF90L0808I	8	12,5	1/2	43,5	43	1/2	30,2	420	6091
HF90L0810I	8	12,5	1/2	43,5	47	5/8	34	420	6091
HF90L0812I	8	12,5	1/2	43,5	50	3/4	38,1	420	6091
HF90L1010I	10	16	5/8	55,5	52	5/8	34	420	6091
HF90L1012I	10	16	5/8	55,5	55	3/4	38,1	420	6091
HF90L1208I	12	19	3/4	62,5	52	1/2	30,2	420	6091
HF90L1212I	12	19	3/4	62,5	58	3/4	38,1	420	6091
HF90L1216I	12	19	3/4	62,5	62	1	44,5	420	6091
HF90L1612I	16	25,4	1	82,5	59,5	3/4	38,1	420	6091
HF90L1616I	16	25,4	1	82,5	63,5	1	44,5	420	6091
HF90L1620I	16	25,4	1	82,5	69,5	1 1/4	50,8	420	6091
HF90L2020I	20	31,8	1 1/4	96,7	86	1 1/4	50,8	420	6091
HF90L2024I	20	31,8	1 1/4	96,7	87	1 1/2	60,3	420	6091
HF90L2424I	24	38,1	1 1/2			1 1/2	60,3	420	6091

Without o-ring / senza o-ring

HyperSpiral FLANGE CODE 61 - 3000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 3000 PSI INTERA

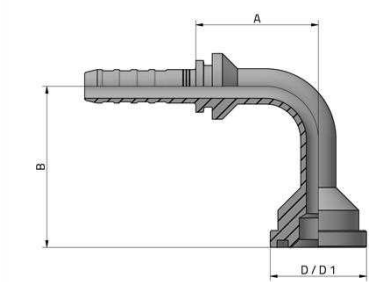


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF45L0808I	8	12,5	1/2	67,5	23	1/2	30,2	420	6091
HF45L0810I	8	12,5	1/2	72,5	25	5/8	34	420	6091
HF45L0812I	8	12,5	1/2	72,5	28	3/4	38,1	420	6091
HF45L1010I	10	16	5/8	69,5	30	5/8	34	420	6091
HF45L1012I	10	16	5/8	69,5	30	3/4	38,1	420	6091
HF45L1208I	12	19	3/4	68,5	28	1/2	30,2	420	6091
HF45L1212I	12	19	3/4	72,5	32	3/4	38,1	420	6091
HF45L1216I	12	19	3/4	75,5	35	1	44,5	420	6091
HF45L1612I	16	25,4	1	88,1	34,6	3/4	38,1	420	6091
HF45L1616I	16	25,4	1	91,1	31,6	1	44,5	420	6091
HF45L1620I	16	25,4	1	95,1	35,6	1 1/4	50,8	420	6091
HF45L2020I	20	31,8	1 1/4	107	42,3	1 1/4	50,8	420	6091
HF45L2024I	20	31,8	1 1/4	108	43,3	1 1/2	60,3	420	6091
HF45L2424I	24	38,1	1 1/2			1 1/2	60,3	420	6091

Without o-ring / senza o-ring

HyperSpiral FLANGE CODE 61 - 3000 PSI - 90° ELBOW LONG DROP

FLANGIA 90° SAE J518 3000 PSI INTERA LONG DROP

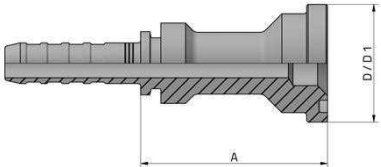


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF90L1212ILD	12	19	3/4	62	95	3/4	38,1	420	6091
HF90L1216ILD	12	19	3/4	62	132	1	44,5	420	6091
HF90L1616ILD	16	25,4	1	78	117	1	44,5	420	6091
HF90L2020ILD	20	31,8	1 1/4	95	108	1 1/4	50,8	420	6091
HF90L2424ILD	24	38,1	1 1/2			1 1/2	60,3	420	6091

Without o-ring / senza o-ring

HyperSpiral FLANGE CODE 62 - 6000 PSI

FLANGIA DIRITTA SAE J518 6000 PSI INTERA

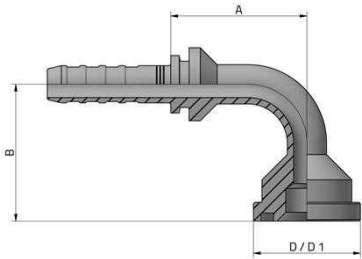


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
HFDP0808I	8	12,5	1/2	61,2	1/2	31,7	420	6091
HFDP0812I	8	12,5	1/2	64,5	3/4	41,3	420	6091
HFDP1008I	10	16	5/8	65,2	1/2	31,7	420	6091
HFDP1012I	10	16	5/8	63,5	3/4	41,3	420	6091
HFDP1212I	12	19	3/4	66,5	3/4	41,3	420	6091
HFDP1216I	12	19	3/4	78	1	47,6	420	6091
HFDP1612I	16	25,4	1	78,5	3/4	41,3	420	6091
HFDP1616I	16	25,4	1	82	1	47,6	420	6091
HFDP1620I	16	25,4	1	87,3	1 1/4	54	420	6091
HFDP2020I	20	31,8	1 1/4	87	1 1/4	54	420	6091
HFDP2024I	20	31,8	1 1/4	98,8	1 1/2	63,5	420	6091
HFDP2424I	24	38,1	1 1/2	94,8	1 1/2	63,5	420	6091
HFDP2432I	24	38,1	1 1/2	75,7	2	79,4	420	6091

Without o-ring / senza o-ring

HyperSpiral FLANGE CODE 62 - 6000 PSI - 90° ELBOW

FLANGIA A 90° SAE J518 6000 PSI INTERA

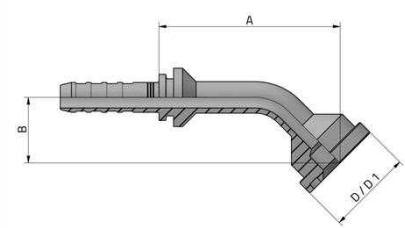


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF90P0808I	8	12,5	1/2	43,5	44	1/2	31,7	420	6091
HF90P0812I	8	12,5	1/2	43,5	51	3/4	41,3	420	6091
HF90P1008I	10	16	5/8	55,5	50	1/2	31,7	420	6091
HF90P1012I	10	16	5/8	56,5	59	3/4	41,3	420	6091
HF90P1212I	12	19	3/4	62,5	62	3/4	41,3	420	6091
HF90P1216I	12	19	3/4	62,5	67	1	47,6	420	6091
HF90P1612I	16	25,4	1	82,5	63,5	3/4	41,3	420	6091
HF90P1616I	16	25,4	1	82,5	68,5	1	47,6	420	6091
HF90P1620I	16	25,4	1	82,5	72,5	1 1/4	54	420	6091
HF90P2020I	20	31,8	1 1/4	96,7	92	1 1/4	54	420	6091
HF90P2024I	20	31,8	1 1/4	96,7	96	1 1/2	63,5	420	6091
HF90P2424I	24	38,1	1 1/2			1 1/2	63,5	420	6091

Without o-ring / senza o-ring

HyperSpiral FLANGE CODE 62 - 6000 PSI - 45° ELBOW

FLANGIA A 45° SAE J518 6000 PSI INTERA

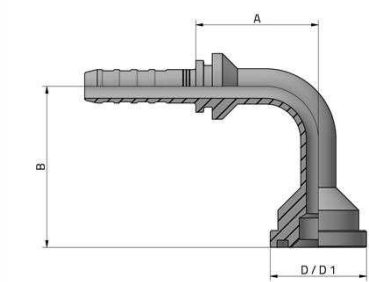


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF45P0808I	8	12,5	1/2	68,5	23	1/2	31,7	420	6091
HF45P0812I	8	12,5	1/2	73,5	28	3/4	41,3	420	6091
HF45P1008I	10	16	5/8	66,5	26	1/2	31,7	420	6091
HF45P1012I	10	16	5/8	73,5	30	3/4	41,3	420	6091
HF45P1212I	12	19	3/4	75,5	32	3/4	41,3	420	6091
HF45P1216I	12	19	3/4	79,5	35	1	47,6	420	6091
HF45P1612I	16	25,4	1	91,1	34,6	3/4	41,3	420	6091
HF45P1616I	16	25,4	1	94,1	31,6	1	47,6	420	6091
HF45P1620I	16	25,4	1	99,1	35,6	1 1/4	54	420	6091
HF45P2020I	20	31,8	1 1/4	111	42,3	1 1/4	54	420	6091
HF45P2024I	20	31,8	1 1/4	114	43,3	1 1/2	63,5	420	6091
HF45P2424I	24	38,1	1 1/2			1 1/2	63,5	420	6091
HF45P2432I	24	38,1	1 1/2			2	71,4	420	6091

Without o-ring / senza o-ring

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

FLANGIA A 90° SAE J518 6000 PSI INTERA LONG DROP

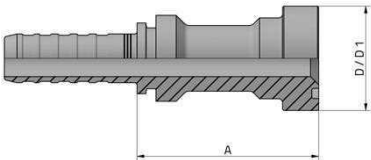


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF90P1212ILD	12	19	3/4	62	98	3/4	41,3	420	6091
HF90P1216ILD	12	19	3/4	62	139	1	47,6	420	6091
HF90P1616ILD	16	25,4	1	78	120	1	47,6	420	6091
HF90P2020ILD	20	31,8	1 1/4	99	114	1 1/4	54	420	6091
HF90P2424ILD	24	38,1	1 1/2			1 1/2	63,5	420	6091

Without o-ring / senza o-ring

HyperSpiral SUPERCAT FLANGE

FLANGIA DIRITTA SUPERCAT INTERA

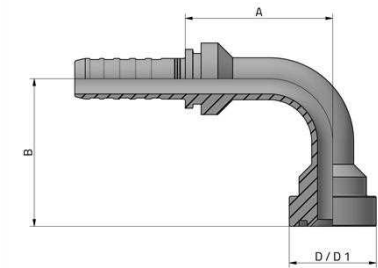


Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
HFDS1212I	12	19	3/4	71,9	3/4	41,3	420	6091
HFDS1216I	12	19	3/4	82,8	1	47,6	420	6091
HFDS1616I	16	25,4	1	86,8	1	47,6	420	6091
HFDS1620I	16	25,4	1	91,3	1 1/4	54	420	6091
HFDS2020I	20	31,8	1 1/4	91,7	1 1/4	54	420	6091
HFDS2024I	20	31,8	1 1/4	100,5	1 1/2	63,5	420	6091
HFDS2424I	24	38,1	1 1/2	96,5	1 1/2	63,5	420	6091

Without o-ring / senza o-ring

HyperSpiral SUPERCAT FLANGE - 90° ELBOW

FLANGIA 90° SUPERCAT (INTERA)

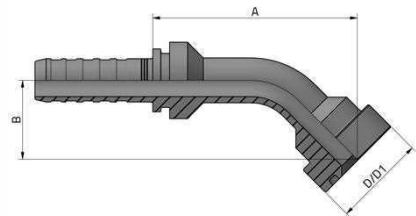


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF90S1212I	12	19	3/4	62,5	67	3/4	41,3	420	6091
HF90S1216I	12	19	3/4	62,5	73	1	47,6	420	6091
HF90S1616I	16	25,4	1	82,5	74,5	1	47,6	420	6091
HF90S1620I	16	25,4	1	82,5	80	1 1/4	54	420	6091
HF90S2020I	20	31,8	1 1/4	96,7	96	1 1/4	54	420	6091
HF90S2024I	20	31,8	1 1/4	96,7	98	1 1/2	63,5	420	6091
HF90S2424I	24	38,1	1 1/2			1 1/2	63,5	420	6091

Without o-ring / senza o-ring

HyperSpiral SUPERCAT FLANGE - 45° ELBOW

FLANGIA 45° SUPERCAT INTERA

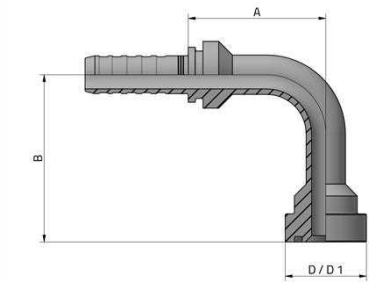


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF45S1212I	12	19	3/4	79,5	39	3/4	41,3	420	6091
HF45S1216I	12	19	3/4	83,5	43	1	47,6	420	6091
HF45S1616I	16	25,4	1	99,1	39,6	1	47,6	420	6091
HF45S1620I	16	25,4	1	102,1	42,6	1 1/4	54	420	6091
HF45S2020I	20	31,8	1 1/4	114	49,3	1 1/4	54	420	6091
HF45S2024I	20	31,8	1 1/4	115	50,3	1 1/2	63,5	420	6091
HF45S2424I	24	38,1	1 1/2			1 1/2	63,5	420	6091

Without o-ring / senza o-ring

HyperSpiral SUPERCAT FLANGE - 90° ELBOW LONG DROP

FLANGIA 90° SUPERCAT LONG DROP(INTERA)

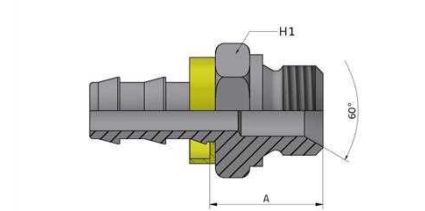


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
HF90S1212ILD	12	19	3/4	62	102	3/4	41,3	420	6091
HF90S1216ILD	12	19	3/4	62	143	1	47,6	420	6091
HF90S1616ILD	16	25,4	1	78	125	1	47,6	420	6091
HF90S2020ILD	20	31,8	1 1/4	98	117	1 1/4	54	420	6091
HF90S2424ILD	24	38,1	1 1/2			2	71,4	420	6091

Without o-ring / senza o-ring

Pushlock BSPP MALE 60° CONE

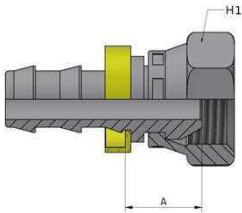
MASCHIO° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MG0402PL	4	6,4	1/4	1/8	28	15,3	14	28	406
MG0404PL	4	6,4	1/4	1/4	19	21,3	19	28	406
MG0406PL	4	6,4	1/4	3/8	19	22,8	22	28	406
MG0504PL	5	7,9	5/16	1/4	19	21,3	19	28	406
MG0506PL	5	7,9	5/16	3/8	19	22,8	22	28	406
MG0508PL	5	7,9	5/16	1/2	14	26,3	27	28	406
MG0604PL	6	9,5	3/8	1/4	19	21,3	19	28	406
MG0606PL	6	9,5	3/8	3/8	19	22,8	22	28	406
MG0608PL	6	9,5	3/8	1/2	14	26,3	27	28	406
MG0808PL	8	12,8	1/2	1/2	14	26,3	27	28	406
MG0810PL	8	12,8	1/2	5/8	14	28,3	30	28	406
MG0812PL	8	12,8	1/2	3/4	14	29,8	32	28	406
MG1008PL	10	16	5/8	1/2	14	26,3	27	24	348
MG1010PL	10	16	5/8	5/8	14	28,3	30	24	348
MG1012PL	10	16	5/8	3/4	14	29,8	32	24	348
MG1212PL	12	19	3/4	3/4	14	29,8	32	21	305
MG1216PL	12	19	3/4	1	11	31,8	38	21	305
MG1616PL	16	25,4	1	1	11	31,8	38	20	290

Pushlock BSPP FEMALE - 60° CONE

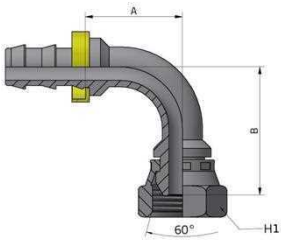
FEMMINA BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG0404PL	4	6,4	1/4	1/4	19	15	19	28	406
FDG0406PL	4	6,4	1/4	3/8	19	16,1	22	28	406
FDG0506PL	5	7,9	5/16	3/8	19	16,6	22	28	406
FDG0508PL	5	7,9	5/16	1/2	14	17,8	27	28	406
FDG0606PL	6	9,5	3/8	3/8	19	16,6	22	28	406
FDG0608PL	6	9,5	3/8	1/2	14	17,8	27	28	406
FDG0808PL	8	12,8	1/2	1/2	14	17,8	27	28	406
FDG0810PL	8	12,8	1/2	5/8	14	18,8	30	28	406
FDG0812PL	8	12,8	1/2	3/4	14	20,1	32	28	406
FDG1008PL	10	16	5/8	1/2	14	18,3	27	24	348
FDG1010PL	10	16	5/8	5/8	14	19,3	30	24	348
FDG1012PL	10	16	5/8	3/4	14	20,1	32	24	348
FDG1212PL	12	19	3/4	3/4	14	20,1	32	21	305
FDG1216PL	12	19	3/4	1	11	21,8	38	21	305
FDG1616PL	16	25,4	1	1	11	21,8	38	20	290

Pushlock BSPP FEMALE - 60° CONE - 90° ELBOW

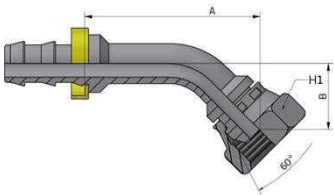
FEMMINA 90° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T/1 inch	A mm	B mm	C mm	H1 mm	PN bar	PN psi
F90G0404PL	4	1/4	6,4	19	19,8	29	4	19	28	406
F90G0406PL	4	1/4	6,4	19	19,8	32	4	22	28	406
F90G0506PL	5	5/16"	7,9	19	28,3	35,5	5	22	28	406
F90G0508PL	5	5/16"	7,9	14	28,3	39	5	27	28	406
F90G0606PL	6	3/8"	9,5	19	29,8	38	6	22	28	406
F90G0608PL	6	3/8"	9,5	14	29,8	42	6	27	28	406
F90G0808PL	8	1/2"	12,8	14	35,3	45	8	27	28	406
F90G0810PL	8	1/2"	12,8	14	35,3	45	8	30	28	406
F90G0812PL	8	1/2"	12,8	14	35,3	51	8	32	28	406
F90G1008PL	10	5/8"	16	14	45,3	54	10	27	24	348
F90G1010PL	10	5/8"	16	14	45,3	54	10	30	24	348
F90G1012PL	10	5/8"	16	14	45,3	56	10	32	24	348
F90G1212PL	12	3/4"	19	14	49,3	59	12	32	21	305
F90G1216PL	12	3/4"	19	11	49,3	65	12	38	21	305
F90G1616PL	16	1"	25,4	11	67,8	72	16	38	20	290

Pushlock BSPP FEMALE - 60° CONE - 45° ELBOW

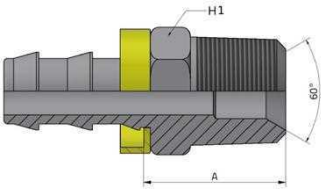
FEMMINA 45° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G0404PL	4	1/4"	6,4	1/4	19	36,8	17	19	28	406
F45G0406PL	4	1/4"	6,4	3/8	19	39,8	20	22	28	406
F45G0506PL	5	5/16"	7,9	3/8	19	48,8	21	22	28	406
F45G0508PL	5	5/16"	7,9	1/2	14	51,8	24	27	28	406
F45G0606PL	6	3/8"	9,5	3/8	19	51,8	20	22	28	406
F45G0608PL	6	3/8"	9,5	1/2	14	54,8	23	27	28	406
F45G0808PL	8	1/2"	12,8	1/2	14	61,3	23	27	28	406
F45G0810PL	8	1/2"	12,8	5/8	14	61,3	23	30	28	406
F45G0812PL	8	1/2"	12,8	3/4	14	62,3	21	32	28	406
F45G1010PL	10	5/8"	16	5/8	14	60,3	25	30	24	348
F45G1012PL	10	5/8"	16	3/4	14	60,3	26	32	24	348
F45G1212PL	12	3/4"	19	3/4	14	58,8	29	32	21	305
F45G1216PL	12	3/4"	19	1	11	60,8	31	38	21	305
F45G1616PL	16	1"	25,4	1	11	84,8	41	38	20	290

Pushlock BSPT TAPERED MALE

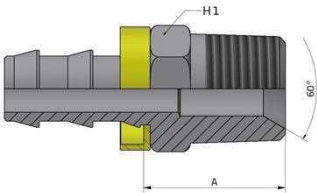
MASCHIO BSPT SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MGK0402PL	4	1/4"	6,4	1/8	28	16,8	12	28	406
MGK0404PL	4	1/4"	6,4	1/4	19	21,3	15	28	406
MGK0406PL	4	1/4"	6,4	3/8	19	22,3	19	28	406
MGK0506PL	5	5/16"	7,9	3/8	19	22,3	19	28	406
MGK0604PL	6	3/8"	9,5	1/4	19	21,8	15	28	406
MGK0606PL	6	3/8"	9,5	3/8	19	22,3	19	28	406
MGK0608PL	6	3/8"	9,5	1/2	14	28,3	22	28	406
MGK0806PL	8	1/2"	12,8	3/8	19	22,3	19	28	406
MGK0808PL	8	1/2"	12,8	1/2	14	28,3	22	28	406
MGK0812PL	8	1/2"	12,8	3/4	14	30,3	27	28	406
MGK1008PL	10	5/8"	16	1/2	14	28,3	24	24	348
MGK1012PL	10	5/8"	16	3/4	14	30,3	27	24	348
MGK1212PL	12	3/4"	19	3/4	14	30,3	27	21	305
MGK1216PL	12	3/4"	19	1	11	38,3	36	21	305
MGK1616PL	16	1"	25,4	1	11	38,3	36	20	290

Pushlock NPTF MALE

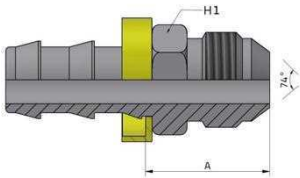
MASCHIO NPTF SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MNPT0402PL	4	1/4"	6,4	1/8"	27	16,8	12	28	406
MNPT0404PL	4	1/4"	6,4	1/4"	18	21,3	15	28	406
MNPT0406PL	4	1/4"	6,4	3/8"	18	21,3	19	28	406
MNPT0506PL	5	5/16"	7,9	3/8"	18	22,3	19	28	406
MNPT0604PL	6	3/8"	9,5	1/4"	18	21,8	15	28	406
MNPT0606PL	6	3/8"	9,5	3/8"	18	22,3	19	28	406
MNPT0608PL	6	3/8"	9,5	1/2"	14	28,3	22	28	406
MNPT0806PL	8	1/2"	12,8	3/8"	18	22,3	19	28	406
MNPT0808PL	8	1/2"	12,8	1/2"	14	28,3	22	28	406
MNPT0812PL	8	1/2"	12,8	3/4"	14	30,3	27	28	406
MNPT1008PL	10	5/8"	16	1/2"	14	28,3	24	24	348
MNPT1012PL	10	5/8"	16	3/4"	14	30,3	27	24	348
MNPT1212PL	12	3/4"	19	3/4"	14	30,3	27	21	305
MNPT1216PL	12	3/4"	19	1"	11,5	39,3	36	21	305
MNPT1616PL	16	1"	25,4	1"	11,5	39,3	36	20	290

Pushlock JIC 37° MALE

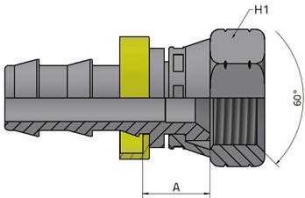
MASCHIO JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MJ0404PL	4	1/4"	6,4	7/16"	20	21,3	12	28	406
MJ0405PL	4	1/4"	6,4	1/2"	20	21,3	14	28	406
MJ0406PL	4	1/4"	6,4	9/16"	18	22,3	15	28	406
MJ0505PL	5	5/16"	7,9	1/2"	20	21,3	14	28	406
MJ0506PL	5	5/16"	7,9	9/16"	18	22,3	15	28	406
MJ0507PL	5	5/16"	7,9	5/8"	18	23,8	17	28	406
MJ0508PL	5	5/16"	7,9	3/4"	16	24,8	19	28	406
MJ0606PL	6	3/8"	9,5	9/16"	18	22,3	15	28	406
MJ0607PL	6	3/8"	9,5	5/8"	18	23,8	17	28	406
MJ0608PL	6	3/8"	9,5	3/4"	16	24,8	19	28	406
MJ0610PL	6	3/8"	9,5	7/8"	14	28,8	24	28	406
MJ0808PL	8	1/2"	12,8	3/4"	16	24,8	19	28	406
MJ0810PL	8	1/2"	12,8	7/8"	14	28,8	24	28	406
MJ0812PL	8	1/2"	12,8	1.1/16"	12	33,3	27	28	406
MJ1010PL	10	5/8"	16	7/8"	14	28,8	24	24	348
MJ1012PL	10	5/8"	16	1.1/16"	12	33,3	27	24	348
MJ1212PL	12	3/4"	19	1.1/16"	12	33,3	27	21	305
MJ1216PL	12	3/4"	19	1.5/16"	12	34,3	34	21	305
MJ1616PL	16	1"	25,4	1.5/16"	12	34,3	34	20	290

Pushlock JIC 37° FEMALE

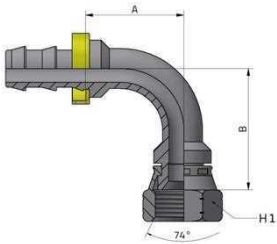
FEMMINA DIRITTA JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDJ0404PL	4	1/4"	6,4	7/16"	20	11,8	15	28	406
FDJ0405PL	4	1/4"	6,4	1/2"	20	12,3	17	28	406
FDJ0506PL	5	5/16"	7,9	9/16"	18	13	19	28	406
FDJ0507PL	5	5/16"	7,9	5/8"	18	13	22	28	406
FDJ0508PL	5	5/16"	7,9	3/4"	16	13,6	24	28	406
FDJ0606PL	6	3/8"	9,5	9/16"	18	13	19	28	406
FDJ0607PL	6	3/8"	9,5	5/8"	18	13	22	28	406
FDJ0608PL	6	3/8"	9,5	3/4"	16	13,6	24	28	406
FDJ0610PL	6	3/8"	9,5	7/8"	14	15,3	27	28	406
FDJ0808PL	8	1/2"	12,8	3/4"	16	13,6	24	28	406
FDJ0810PL	8	1/2"	12,8	7/8"	14	15,3	27	28	406
FDJ0812PL	8	1/2"	12,8	1.1/16"	12	18,8	32	28	406
FDJ1010PL	10	5/8"	16	7/8"	14	15,3	27	24	348
FDJ1012PL	10	5/8"	16	1.1/16"	12	18,8	32	24	348
FDJ1212PL	12	3/4"	19	1.1/16"	12	18,8	32	21	305
FDJ1216PL	12	3/4"	19	1.5/16"	12	19,3	41	21	305
FDJ1616PL	16	1"	25,4	1.5/16"	12	19,3	41	20	290

Pushlock JIC 37° FEMALE - 90° ELBOW

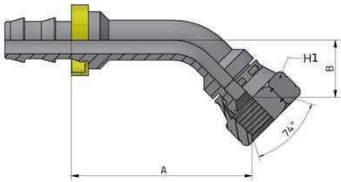
FEMMINA 90° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J0404PL	4	1/4"	6,4	7/16"	20	19,8	26	15	28	406
F90J0405PL	4	1/4"	6,4	1/2"	20	19,8	27	17	28	406
F90J0406PL	4	1/4"	6,4	9/16"	18	19,8	27	19	28	406
F90J0505PL	5	5/16"	7,9	1/2"	20	28,3	32	17	28	406
F90J0506PL	5	5/16"	7,9	9/16"	18	28,3	32	19	28	406
F90J0507PL	5	5/16"	7,9	5/8"	18	28,3	32,5	22	28	406
F90J0508PL	5	5/16"	7,9	3/4"	16	28,3	32,5	24	28	406
F90J0606PL	6	3/8"	9,5	9/16"	18	29,8	35	19	28	406
F90J0607PL	6	3/8"	9,5	5/8"	18	29,8	35,5	22	28	406
F90J0608PL	6	3/8"	9,5	3/4"	16	29,8	36,5	24	28	406
F90J0610PL	6	3/8"	9,5	7/8"	14	29,8	39,5	27	28	406
F90J0808PL	8	1/2"	12,8	3/4"	16	35,3	41	24	28	406
F90J0810PL	8	1/2"	12,8	7/8"	14	35,3	42,5	27	28	406
F90J0812PL	8	1/2"	12,8	1.1/16"	12	35,3	50	32	28	406
F90J1010PL	10	5/8"	16	7/8"	14	45,3	50	27	24	348
F90J1012PL	10	5/8"	16	1.1/16"	12	45,3	55	32	24	348
F90J1212PL	12	3/4"	19	1.1/16"	12	49,3	58	32	21	305
F90J1216PL	12	3/4"	19	1.5/16"	12	49,3	62,5	41	21	305
F90J1616PL	16	1"	25,4	1.5/16"	12	67,8	69,5	41	20	290

Pushlock JIC 37° FEMALE - 45° ELBOW

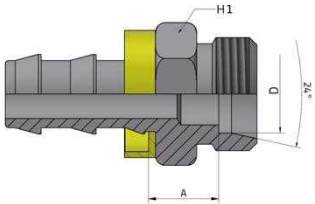
FEMMINA 45° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J0404PL	4	1/4"	6,4	7/16"	20	34,8	15	15	28	406
F45J0405PL	4	1/4"	6,4	1/2"	20	36,8	17	17	28	406
F45J0406PL	4	1/4"	6,4	9/16"	18	36,3	16,5	19	28	406
F45J0505PL	5	5/16"	7,9	1/2"	20	36,8	17	17	28	406
F45J0506PL	5	5/16"	7,9	9/16"	18	46,3	18,5	19	28	406
F45J0507PL	5	5/16"	7,9	5/8"	18	46,8	19	22	28	406
F45J0508PL	5	5/16"	7,9	3/4"	16	47,3	19,5	24	28	406
F45J0606PL	6	3/8"	9,5	9/16"	18	49,8	18	19	28	406
F45J0607PL	6	3/8"	9,5	5/8"	18	50,8	19	22	28	406
F45J0608PL	6	3/8"	9,5	3/4"	16	50,8	19	24	28	406
F45J0610PL	6	3/8"	9,5	7/8"	14	52,8	21	27	28	406
F45J0808PL	8	1/2"	12,8	3/4"	16	58,3	20	24	28	406
F45J0810PL	8	1/2"	12,8	7/8"	14	59,3	21	27	28	406
F45J0812PL	8	1/2"	12,8	1.1/16"	12	60,3	22	32	28	406
F45J1010PL	10	5/8"	16	7/8"	14	56,3	22	27	24	348
F45J1012PL	10	5/8"	16	1.1/16"	12	59,3	25	32	24	348
F45J1212PL	12	3/4"	19	1.1/16"	12	57,8	29	32	21	305
F45J1216PL	12	3/4"	19	1.5/16"	12	58,8	29	41	21	305
F45J1616PL	16	1"	25,4	1.5/16"	12	84,3	39,5	41	20	290

Pushlock METRIC MALE 24° CONE - L TYPE

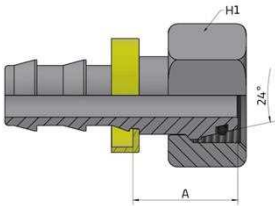
MASCHIO METRICO 24° DKOL



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	H1 mm	PN bar	PN psi
ME0412L6PL	4	1/4"	6,4	M12X1.5	17,3	6	14	28	406
ME0414L8PL	4	1/4"	6,4	M14X1.5	17,3	8	15	28	406
ME0416L10PL	4	1/4"	6,4	M16X1.5	19,3	10	17	28	406
ME0516L10PL	5	5/16"	7,9	M16X1.5	19,3	12	17	28	406
ME0518L12PL	5	5/16"	7,9	M18X1.5	19,8	12	19	28	406
ME0616L10PL	6	3/8"	9,5	M16X1.5	19,3	10	17	28	406
ME0618L12PL	6	3/8"	12,8	M18X1.5	19,8	12	19	28	406
ME0822L15PL	8	1/2"	16	M22X1.5	21,3	15	24	28	406
ME0826L18PL	8	1/2"	19	M26X1.5	21,3	18	27	28	406
ME1026L18PL	10	5/8"	25,4	M26X1.5	21,3	18	27	24	348
ME1030L22PL	10	5/8"	16	M30X2	24,8	22	32	24	348
ME1230L22PL	12	3/4"	19	M30X2	24,8	22	32	21	305
ME1636L28PL	16	1"	25,4	M36X2	25,3	28	38	20	290

Pushlock METRIC FEMALE 24° CONE - L TYPE

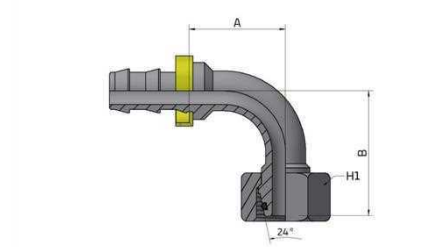
FEMMINA DIRITTA METRICA O-RING 24° DKOL



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	H1 mm	PN bar	PN psi
* FE0412L6PL	4	1/4"	6,4	M12X1.5	17,8	6	17	28	406
FE0414L8PL	4	1/4"	6,4	M14X1.5	19,3	8	17	28	406
FE0416L10PL	4	1/4"	6,4	M16X1.5	21,8	10	19	28	406
FE0516L10PL	5	5/16"	7,9	M16X1.5	21,8	12	19	28	406
FE0518L12PL	5	5/16"	7,9	M18X1.5	21,8	12	22	28	406
* FE0616L10PL	6	3/8"	9,5	M16X1.5	20,3	10	19	28	406
FE0618L12PL	6	3/8"	9,5	M18X1.5	22,3	12	22	28	406
FE0822L15PL	8	1/2"	12,8	M22X1.5	21,8	15	27	28	406
FE0826L18PL	8	1/2"	12,8	M26X1.5	23,3	18	32	28	406
FE1026L18PL	10	5/8"	16	M26X1.5	25,3	18	32	24	348
FE1030L22PL	10	5/8"	16	M30X2	26,3	22	36	24	348
FE1230L22PL	12	3/4"	19	M30X2	25,8	22	36	21	305

Pushlock METRIC FEMALE 24° CONE - 90° ELBOW - L TYPE

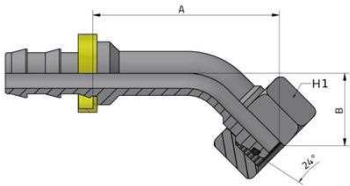
FEMMINA 90° METRICA DKOL CON O-RING 24°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	D mm	H1 mm	PN bar	PN psi
F90E0412L6PL	-4	1/4"	6,4	M12X1.5	26,3	31,5	6	17	28	406
F90E0414L8PL	-4	1/4"	6,4	M14X1.5	25,3	31,5	8	17	28	406
F90E0416L10PL	-4	1/4"	6,4	M16X1.5	24,8	32,5	10	19	28	406
F90E0516L10PL	-5	5/16"	7,9	M16X1.5	26,8	32,5	12	19	28	406
F90E0518L12PL	-5	5/16"	7,9	M18X1.5	24,8	37	12	22	28	406
F90E0616L10PL	-6	3/8"	9,5	M16X1.5	29,8	38	10	19	28	406
F90E0618L12PL	-6	3/8"	9,5	M18X1.5	31,3	37,5	12	22	28	406
F90E0822L15PL	-8	1/2"	12,8	M22X1.5	34,8	44	15	27	28	406
F90E0826L18PL	-8	1/2"	12,8	M26X1.5	34,8	46,5	18	32	28	406
F90E1026L18PL	-10	5/8"	16	M26X1.5	43,8	46,5	18	32	24	348
F90E1030L22PL	-10	5/8"	16	M30X2	43,8	53	22	36	24	348
F90E1230L22PL	-12	3/4"	19	M30X2	51,3	55,5	22	36	21	305
F90E1636L28PL	-16	1"	25,4	M36X2	66,8	72,5	28	41	20	290

Pushlock METRIC FEMALE 24° CONE - 45° ELBOW - L TYPE

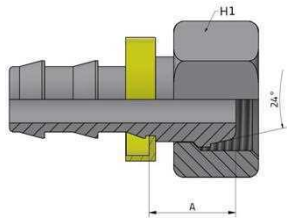
FEMMINA 45° METRICA DKOL CON O-RING 24°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	D mm	H1 mm	PN bar	PN psi
* F45E0412L6PL	4	1/4"	6,4	M12X1.5	36,8	17	6	17	28	406
F45E0414L8PL	4	1/4"	6,4	M14X1.5	45,8	17	8	17	28	406
F45E0416L10PL	4	1/4"	6,4	M16X1.5	44,3	17	10	19	28	406
F45E0516L10PL	5	5/16"	7,9	M16X1.5	48,3	17	12	19	28	406
F45E0518L12PL	5	5/16"	7,9	M18X1.5	45,8	20	12	22	28	406
* F45E0616L10PL	6	3/8"	9,5	M16X1.5	51,8	20	10	19	28	406
F45E0618L12PL	6	3/8"	9,5	M18X1.5	52,8	17	12	22	28	406
F45E0822L15PL	8	1/2"	12,8	M22X1.5	59,3	22	15	27	28	406
F45E0826L18PL	8	1/2"	12,8	M26X1.5	60,3	26	18	32	28	406
F45E1026L18PL	10	5/8"	16	M26X1.5	56,8	28	18	32	24	348
F45E1030L22PL	10	5/8"	16	M30X2	58,8	30	22	36	24	348
F45E1230L22PL	12	3/4"	19	M30X2	57,8	27	22	36	21	305
F45E1636L28PL	16	1"	25,4	M36X2	79,3	38,5	28	41	20	290

Pushlock METRIC FEMALE 24°/60° CONE

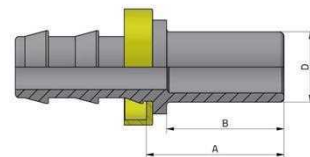
FEMMINA DIRITTA METRICA CONO 24/60° DKL



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	H1 mm	PN bar	PN psi
* FDKL0412PL	4	1/4"	6,4	M12X1.5	16,8	6	17	28	406
FDKL0414PL	4	1/4"	6,4	M14X1.5	19	8	17	28	406
FDKL0416PL	4	1/4"	6,4	M16X1.5	18,5	10	19	28	406
FDKL0516PL	5	5/16"	7,9	M16X1.5	18,5	12	19	28	406
FDKL0618PL	6	3/8"	9,5	M18X1.5	16,7	12	22	28	406
FDKL0822PL	8	1/2"	12,8	M22X1.5	17,3	15	27	28	406
FDKL1026PL	10	5/8"	16	M26X1.5	19,3	18	32	24	348
FDKL1230PL	12	3/4"	19	M30X2	21,3	22	36	21	305
FDKL1636PL	16	1"	25,4	M36X2	21,3	28	41	20	290

Pushlock STANDPIPE METRICO

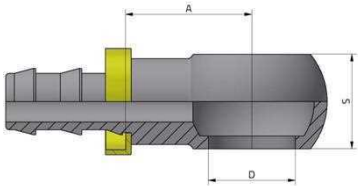
ERMETO DIRITTO EMBOUT LISSE DROIT



Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D mm	PN bar	PN psi
PDL0406PL	4	1/4"	6,4	26,8	23	6	28	406
PDL0408PL	4	1/4"	6,4	26,8	23	8	28	406
PDL0410PL	4	1/4"	6,4	28,8	25	10	28	406
PDL0412PL	4	1/4"	6,4	28,8	25	12	28	406
PDL0508PL	5	5/16"	7,9	26,8	23	8	28	406
PDL0510PL	5	5/16"	7,9	29,3	25	10	28	406
PDL0512PL	5	5/16"	7,9	29,3	25	12	28	406
PDL0610PL	6	3/8"	9,5	29,3	25	10	28	406
PDL0612PL	6	3/8"	9,5	29,3	25	12	28	406
PDL0615PL	6	3/8"	9,5	29,3	25	15	28	406
PDL0812PL	8	1/2"	12,8	29,3	25	12	28	406
PDL0815PL	8	1/2"	12,8	29,3	25	15	28	406
PDL0818PL	8	1/2"	12,8	31,3	27	18	28	406
PDL1018PL	10	5/8"	16	31,8	27	18	24	348
PDL1022PL	10	5/8"	16	31,8	27	22	24	348
PDL1222PL	12	3/4"	19	33,8	29	22	21	305
PDL1628PL	16	1"	25,4	35,3	30	28	20	290

Pushlock BSP BANJO

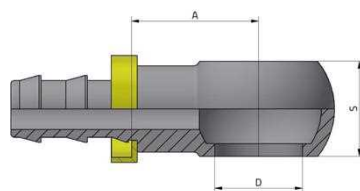
OCCHIO BSPP



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	S mm	PN bar	PN psi
OG0404PL	4	1/4"	6,4	19,8	13,2	14	28	406
OG0406PL	4	1/4"	6,4	23,3	16,8	17	28	406
OG0506PL	5	5/16"	7,9	23,3	16,8	17	28	406
OG0508PL	5	5/16"	7,9	24,3	21	22	28	406
OG0606PL	6	5/16"	7,9	23,3	16,8	17	28	406
OG0608PL	6	5/16"	7,9	24,3	21,1	22	28	406
OG0808PL	8	3/8"	9,5	29,3	21,1	22	28	406
OG0812PL	8	3/8"	9,5	30,8	26,5	30	28	406
OG1010PL	10	5/8"	16	28,3	23,1	25	24	348
OG1012PL	10	5/8"	16	30,8	26,5	30	24	348
OG1212PL	12	3/4"	19	30,8	26,5	30	21	305
OG1216PL	12	3/4"	19	43,8	33,4	38	21	305
OG1616PL	16	1"	25,4	37,8	33,4	38	20	290

Pushlock METRIC BANJO

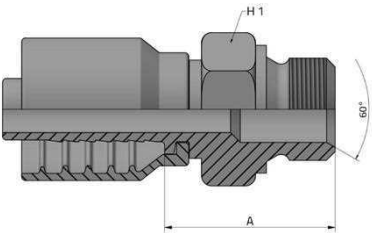
OCCHIO METRICO



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	D mm	S mm	PN bar	PN psi
OM0408PL	4	1/4"	6,4	-	-	-	-	28	406
OM0410PL	4	1/4"	6,4	M10X1	20,8	10,1	10	28	406
OM0412PL	4	1/4"	6,4	M12X1.5	19,8	12,1	11	28	406
OM0414PL	4	1/4"	6,4	M14X1.5	19,8	14,2	14	28	406
OM0416PL	4	1/4"	6,4	M16X1.5	21,8	16,1	17	28	406
OM0418PL	5	1/4"	6,4	M18X1.5	25,8	18,1	20	28	406
OM0512PL	5	5/16"	7,9	M12X1.5	19,8	12,1	12	28	406
OM0514PL	5	5/16"	7,9	M14X1.5	21,3	14,2	14	28	406
OM0516PL	5	5/16"	7,9	M16X1.5	23,8	16,1	17	28	406
OM0518PL	5	5/16"	7,9	M18X1.5	25,8	18,1	20	28	406
OM0520PL	5	5/16"	7,9	M20X1.5	24,8	20,2	22	28	406
OM0522PL	5	5/16"	7,9	M22X1.5	24,8	22,1	22	28	406
OM0614PL	6	3/8"	9,5	M14X1.5	23,8	14,2	14	28	406
OM0616PL	6	3/8"	9,5	M16X1.5	23,8	16,1	17	28	406
OM0618PL	6	3/8"	9,5	M18X1.5	24,8	18,1	20	28	406
OM0620PL	6	3/8"	9,5	M20X1.5	25,3	20,2	22	28	406
OM0816PL	8	1/2"	12,8	M16X1.5	27,3	16,2	17	28	406
OM0818PL	8	1/2"	12,8	M18X1.5	26,3	18,1	20	28	406
OM0820PL	8	1/2"	12,8	M20X1.5	30,3	20,2	22	28	406
OM0822PL	10	1/2"	12,8	M22X1.5	30,8	22,2	22	28	406
OM1022PL	10	5/8"	16	M22X1.5	30,8	22,1	22	24	348
OM1026PL	10	5/8"	16	M26X1.5	30,8	26,5	30	24	348
OM1226PL	12	3/4"	19	M26X1.5	30,8	26,5	30	21	305

ONE-PIECE BSPP MALE 60° CONE (1)

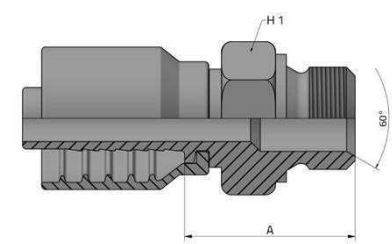
MASCHIO BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MG03020P	3	4,8	3/16	1/8	28	20,5	14	350	5076
MG03040P	3	4,8	3/16	1/4	19	26,5	19	415	6019
MG04020P	4	6,4	1/4	1/8	28	21	14	350	5076
MG04040P	4	6,4	1/4	1/4	19	27,5	19	450	6526
MG04060P	4	6,4	1/4	3/8	19	29	22	450	6526
MG04080P	4	6,4	1/4	1/2	14	32,5	27	450	6526
MG05040P	5	7,9	5/16	1/4	19	27,5	19	350	5076
MG05060P	5	7,9	5/16	3/8	19	29	22	350	5076
MG05080P	5	7,9	5/16	1/2	14	32,5	27	350	5076
MG06040P	6	9,5	3/8	1/4	19	27,5	19	450	6526
MG06060P	6	9,5	3/8	3/8	19	29	22	450	6526
MG06080P	6	9,5	3/8	1/2	14	32,5	27	450	6526
MG08060P	8	12,5	1/2	3/8	19	29,5	22	415	6019
MG08080P	8	12,5	1/2	1/2	14	33	27	415	6019
MG08100P	8	12,5	1/2	5/8	14	35	30	415	6019
MG08120P	8	12,5	1/2	3/4	14	36,5	32	415	6019
MG10080P	10	16	5/8	1/2	14	33	27	350	5076
MG10100P	10	16	5/8	5/8	14	35	30	350	5076
MG10120P	10	16	5/8	3/4	14	36,5	32	350	5076
MG10160P	10	16	5/8	1	11	38,5	38	350	5076
MG12080P	12	19	3/4	1/2	14	33,2	27	350	5076
MG12100P	12	19	3/4	5/8	14	35,7	30	350	5076
MG12120P	12	19	3/4	3/4	14	37,2	32	350	5076
MG12160P	12	19	3/4	1	11	39,2	38	350	5076
MG16080P	16	25,4	1	1/2	14	36	32	415	6019
MG16120P	16	25,4	1	3/4	14	38	32	280	4061

ONE-PIECE BSPP MALE 60° CONE (2)

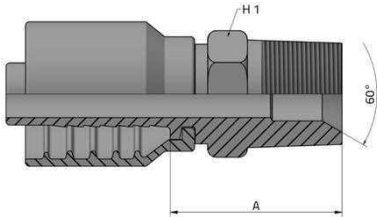
MASCHIO BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MG16160P	16	25,4	1	1	11	39,5	38	280	4061
MG16200P	16	25,4	1	1 1/4	11	44,5	50	280	4061
MG20160P	20	31,8	1 1/4	1	11	41	41	280	4061
MG20200P	20	31,8	1 1/4	1 1/4	11	45,5	50	210	3046
MG20240P	20	31,8	1 1/4	1 1/2	11	46	55	210	3046
MG24240P	24	38,1	1 1/2	1 1/2	11	46	55	185	2683
MG24320P	24	38,1	1 1/2	2	11	53	70	185	2683
MG32320P	32	50,8	2	2	11	54	70	165	2393

ONE-PIECE BSPT TAPERED MALE

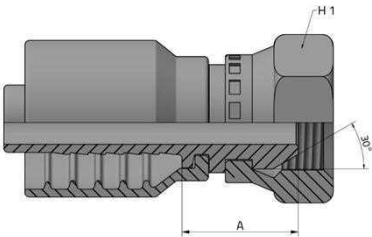
MASCHIO BSPT SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MGK03020P	3	4,8	3/16	1/8	28	22	12	350	5076
MGK03040P	3	4,8	3/16	1/4	19	26,5	15	415	6019
MGK04020P	4	6,4	1/4	1/8	28	23	12	350	5076
MGK04040P	4	6,4	1/4	1/4	19	27,5	15	450	6526
MGK04060P	4	6,4	1/4	3/8	19	28,5	19	450	6526
MGK04080P	4	6,4	1/4	1/2	19	34,5	22	450	6526
MGK05040P	5	7,9	5/16	1/4	19	27,5	15	350	5076
MGK05060P	5	7,9	5/16	3/8	19	28,5	19	350	5076
MGK06040P	6	9,5	3/8	1/4	19	27,5	15	450	6526
MGK06060P	6	9,5	3/8	3/8	19	28,5	19	450	6526
MGK06080P	6	9,5	3/8	1/2	14	34,5	22	415	6019
MGK08060P	8	12,5	1/2	3/8	19	29	19	415	6019
MGK08080P	8	12,5	1/2	1/2	14	35	22	415	6019
MGK08120P	8	12,5	1/2	3/4	14	37	27	350	5076
MGK10080P	10	16	5/8	1/2	14	35	24	350	5076
MGK10120P	10	16	5/8	3/4	14	37	27	350	5076
MGK12120P	12	19	3/4	3/4	14	37,2	27	350	5076
MGK12160P	12	19	3/4	1	11	45,7	36	280	4061
MGK16120P	16	25,4	1	3/4	14	38	32	350	5076
MGK16160P	16	25,4	1	1	11	46	36	280	4061
MGK16200P	16	25,4	1	1 1/4	11	45	46	210	3046
MGK20160P	20	31,8	1 1/4	1	11	47	42	280	4061
MGK20200P	20	31,8	1 1/4	1 1/4	11	46	46	210	3046
MGK20240P	20	31,8	1 1/4	1 1/2	11	47,5	50	185	2683
MGK24240P	24	38,1	1 1/2	1 1/2	11	47	50	185	2683
MGK32320P	32	50,8	2	2	11	57	65	165	2393

ONE-PIECE BSPP FEMALE 60° CONE (1)

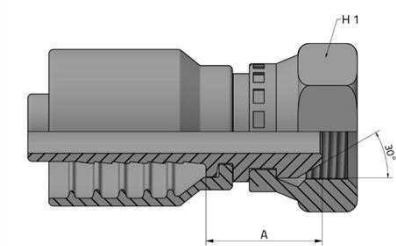
FEMMINA BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG03020P	3	4,8	3/16	1/8	28	18,2	15	350	5076
FDG03040P	3	4,8	3/16	1/4	19	18,2	19	415	6019
FDG04020P	4	6,4	1/4	1/8	28	18,7	15	350	5076
FDG04040P	4	6,4	1/4	1/4	19	18,7	19	450	6526
FDG04060P	4	6,4	1/4	3/8	19	20	22	450	6526
FDG04080P	4	6,4	1/4	1/2	14	21,5	27	450	6526
FDG05020P	5	7,9	5/16	1/8	28	19,7	15	350	5076
FDG05040P	5	7,9	5/16	1/4	19	19,2	19	350	5076
FDG05060P	5	7,9	5/16	3/8	19	20,3	22	350	5076
FDG05080P	5	7,9	5/16	1/2	14	21,5	27	350	5076
FDG06040P	6	9,5	3/8	1/4	19	19,2	19	450	6526
FDG06060P	6	9,5	3/8	3/8	19	20,3	22	450	6526
FDG06080P	6	9,5	3/8	1/2	14	21,5	27	450	6526
FDG06120P	6	9,5	3/8	3/4	14	26,8	32	450	6526
FDG08060P	8	12,5	1/2	3/8	19	20,8	22	415	6019
FDG08080P	8	12,5	1/2	1/2	14	22	27	415	6019
FDG08100P	8	12,5	1/2	5/8	14	23	28	415	6019
FDG08120P	8	12,5	1/2	3/4	14	24,3	32	415	6019
FDG10080P	10	16	5/8	1/2	14	22,5	27	350	5076
FDG10100P	10	16	5/8	5/8	14	23,5	28	350	5076
FDG10120P	10	16	5/8	3/4	14	24,3	32	350	5076
FDG12080P	12	19	3/4	1/2	14	22,7	27	350	5076
FDG12100P	12	19	3/4	5/8	14	23,7	28	350	5076
FDG12120P	12	19	3/4	3/4	14	24,5	32	350	5076
FDG12160P	12	19	3/4	1	11	25,7	38	350	5076
FDG16120P	16	25,4	1	3/4	14	25,8	32	280	4061

ONE-PIECE BSPP FEMALE 60° CONE (2)

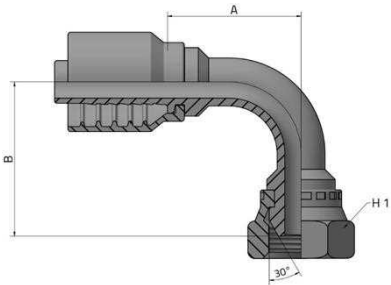
FEMMINA BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDG1616OP	16	25,4	1	1	11	26,2	38	280	4061
FDG1620OP	16	25,4	1	1 1/4	11	30	50	280	4061
FDG2016OP	20	31,8	1 1/4	1	11	27,5	38	210	3046
FDG2020OP	20	31,8	1 1/4	1 1/4	11	27,5	50	210	3046
FDG2024OP	20	31,8	1 1/4	1 1/2	11	33	55	210	3046
FDG2424OP	24	38,1	1 1/2	1 1/2	11	33	55	185	2683

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

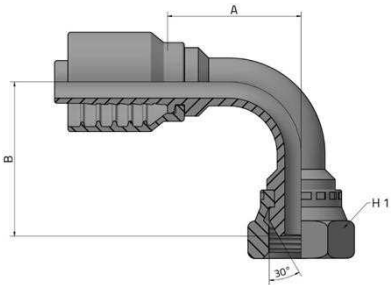
FEMMINA 90° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90G03020P	3	4,8	3/16	1/8	28	23	29	15	350	5076
F90G03040P	3	4,8	3/16	1/4	19	23	29	19	415	6019
F90G04020P	4	6,4	1/4	1/8	28	23	29	15	350	5076
F90G04040P	4	6,4	1/4	1/4	19	23	29	19	450	6526
F90G04060P	4	6,4	1/4	3/8	19	23	32	22	450	6526
F90G04080P	4	6,4	1/4	1/2	14	31,5	30	27	450	6526
F90G05020P	5	7,9	5/16	1/8	28	31,5	35	15	350	5076
F90G05040P	5	7,9	5/16	1/4	19	31,5	33,5	19	350	5076
F90G05060P	5	7,9	5/16	3/8	19	31,5	35,5	22	350	5076
F90G05080P	5	7,9	5/16	1/2	14	31,5	39	27	350	5076
F90G06040P	6	9,5	3/8	1/4	19	33	37	19	450	6526
F90G06060P	6	9,5	3/8	3/8	19	33	38	22	450	6526
F90G06080P	6	9,5	3/8	1/2	14	33	42	27	450	6526
F90G08060P	8	12,5	1/2	3/8	19	39	43	22	415	6019
F90G08080P	8	12,5	1/2	1/2	14	39	45	27	415	6019
F90G08100P	8	12,5	1/2	5/8	14	39	45	28	415	6019
F90G08120P	8	12,5	1/2	3/4	14	39	51	32	415	6019
F90G10080P	10	16	5/8	1/2	14	49	54	27	350	5076
F90G10100P	10	16	5/8	5/8	14	49	54	28	350	5076
F90G10120P	10	16	5/8	3/4	14	49	56	32	350	5076
F90G12080P	12	19	3/4	1/2	14	53,5	56	27	350	5076
F90G12100P	12	19	3/4	5/8	14	53,5	56	28	350	5076
F90G12120P	12	19	3/4	3/4	14	53,5	59	32	350	5076
F90G12160P	12	19	3/4	1	11	53,5	65	38	350	5076
F90G16120P	16	25,4	1	3/4	14	68,5	72	32	280	4061
F90G16160P	16	25,4	1	1	11	73	72	38	280	4061

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

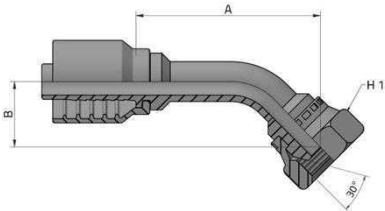
FEMMINA 90° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90G16200P	16	25,4	1	1 1/4	11	73	80	50	280	4061
F90G20200P	20	31,8	1 1/4	1 1/4	11	89	93	50	210	3046
F90G20240P	20	31,8	1 1/4	1 1/2	11	89	98,5	55	210	3046
F90G24240P	24	38,1	1 1/2	1 1/2	11	101	114	55	185	2683

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

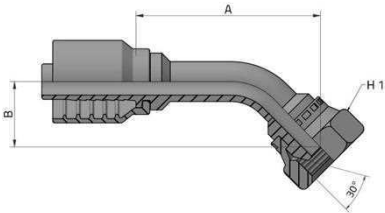
FEMMINA 45° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G03020P	3	4,8	3/16	1/8	28	40	17	15	350	5076
F45G03040P	3	4,8	3/16	1/4	19	40	17	19	415	6019
F45G04020P	4	6,4	1/4	1/8	28	40	17	15	350	5076
F45G04040P	4	6,4	1/4	1/4	19	40	17	19	450	6526
F45G04060P	4	6,4	1/4	3/8	19	43	20	22	450	6526
F45G04080P	4	6,4	1/4	1/2	14	55	24	27	450	6526
F45G05040P	5	7,9	5/16	1/4	19	51	20	19	350	5076
F45G05060P	5	7,9	5/16	3/8	19	52	21	22	350	5076
F45G05080P	5	7,9	5/16	1/2	14	55	24	27	350	5076
F45G06040P	6	9,5	3/8	1/4	19	54	19	19	450	6526
F45G06060P	6	9,5	3/8	3/8	19	55	20	22	450	6526
F45G06080P	6	9,5	3/8	1/2	14	58	23	27	450	6526
F45G08060P	8	12,5	1/2	3/8	19	63	20	22	415	6019
F45G08080P	8	12,5	1/2	1/2	14	65	23	27	415	6019
F45G08100P	8	12,5	1/2	5/8	14	65	23	28	415	6019
F45G08120P	8	12,5	1/2	3/4	14	66	21	32	415	6019
F45G10080P	10	16	5/8	1/2	14	82	26	27	350	5076
F45G10100P	10	16	5/8	5/8	14	64	25	28	350	5076
F45G10120P	10	16	5/8	3/4	14	64	26	32	350	5076
F45G12080P	12	19	3/4	1/2	14	62	28	27	350	5076
F45G12100P	12	19	3/4	5/8	14	63	29	28	350	5076
F45G12120P	12	19	3/4	3/4	14	63	29	32	350	5076
F45G12160P	12	19	3/4	1	11	65	31	38	350	5076
F45G16120P	16	25,4	1	3/4	14	88	39	32	280	4061
F45G16160P	16	25,4	1	1	11	90	41	38	280	4061
F45G16200P	16	25,4	1	1 1/4	11	93	44	50	280	4061

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

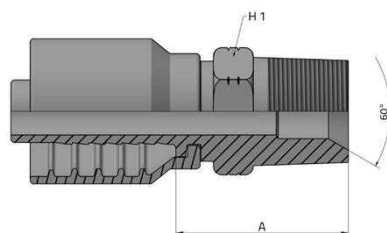
FEMMINA 45° BSPP SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45G20200P	20	31,8	1 1/4	1 1/4	11	102	44	50	210	3046
F45G20240P	20	31,8	1 1/4	1 1/2	11	103	45	55	210	3046
F45G24240P	24	38,1	1 1/2	1 1/2	11	118	45	55	185	2683

ONE-PIECE NPTF MALE

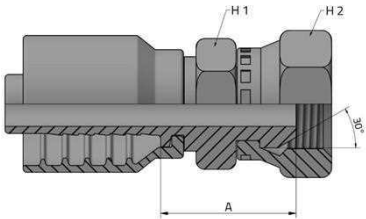
MASCHIO NPTF SV 60°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MNPT03020P	3	4,8	3/16	1/8	27	22	12	350	5076
MNPT03040P	3	4,8	3/16	1/4	18	26,5	15	415	6019
MNPT04020P	4	6,4	1/4	1/8	27	23	12	350	5076
MNPT04040P	4	6,4	1/4	1/4	18	27,5	15	450	6526
MNPT04060P	4	6,4	1/4	3/8	18	28,5	19	450	6526
MNPT04080P	4	6,4	1/4	1/2	14	34,5	22	350	5076
MNPT05040P	5	7,9	5/16	1/4	18	27,5	15	350	5076
MNPT05060P	5	7,9	5/16	3/8	18	28,5	19	350	5076
MNPT05080P	5	7,9	5/16	1/2	14	28,5	22	415	6019
MNPT06040P	6	9,5	3/8	1/4	18	28,5	15	350	5076
MNPT06060P	6	9,5	3/8	3/8	18	28,5	19	450	6526
MNPT06080P	6	9,5	3/8	1/2	14	34,5	22	415	6019
MNPT08060P	8	12,5	1/2	3/8	18	29	19	415	6019
MNPT08080P	8	12,5	1/2	1/2	14	35	22	415	6019
MNPT08120P	8	12,5	1/2	3/4	14	37	27	415	6019
MNPT10080P	10	16	5/8	1/2	14	35	24	350	5076
MNPT10120P	10	16	5/8	3/4	14	37	27	350	5076
MNPT12120P	12	19	3/4	3/4	14	37,2	27	350	5076
MNPT12160P	12	19	3/4	1	11,5	46,7	36	280	4061
MNPT16120P	16	25,4	1	3/4	14	38	32	280	4061
MNPT16160P	16	25,4	1	1	11,5	47	36	280	4061
MNPT16200P	16	25,4	1	1 1/4	11,5	45	46	210	3046
MNPT20200P	20	31,8	1 1/4	1 1/4	11,5	46	46	210	3046
MNPT20240P	20	31,8	1 1/4	1 1/2	11,5	47,5	50	185	2683
MNPT24240P	24	38,1	1 1/2	1 1/2	11,5	47	50	185	2683
MNPT32320P	32	50,8	2	2	11,5	57	65	165	2393

ONE-PIECE NPSM FEMALE

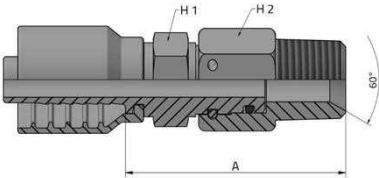
FEMMINA NPSM



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
FNPSM04040P	4	6,4	1/4	1/4	18	24,3	19	19	345	5000
FNPSM06060P	6	9,5	3/8	3/8	18	27,3	22	22	276	4000
FNPSM08080P	8	12,5	1/2	1/2	14	29,2	22	27	241	3500
FNPSM12120P	12	19	3/4	3/4	14	37,2	27	32	155	2250
FNPSM16160P	16	25,4	1	1	11,5	40,7	32	38	138	2000
FNPSM20200P	20	31,8	1 1/4	1 1/4	11,5	42,7	41	50	112	1625

ONE-PIECE NPTF SWIVEL MALE

MASCHIO NPTF GIREVOLE SV 60°



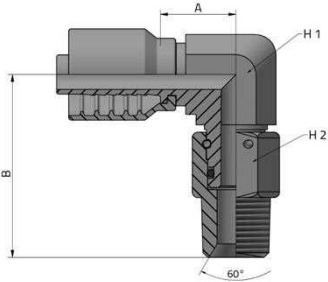
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
* MNPTF0404SWOP	4	6,4	1/4	1/4	18	53,7	14	17	350	5076
* MNPTF0406SWOP	4	6,4	1/4	3/8	18	58,9	17	22	350	5076
* MNPTF0604SWOP	6	9,5	3/8	1/4	18	56,5	17	17	350	5076
* MNPTF0606SWOP	6	9,5	3/8	3/8	18	58,9	17	22	350	5076
* MNPTF0608SWOP	6	9,5	3/8	1/2	14	63,5	22	27	350	5076
* MNPTF0806SWOP	8	12,5	1/2	3/8	18	59,9	22	22	350	5076
* MNPTF0808SWOP	8	12,5	1/2	1/2	14	64	22	27	350	5076
MNPTF0812SWOP	8	12,5	1/2	3/4	14	72	27	32	280	4061
* MNPTF1212SWOP	12	19	3/4	3/4	14	72	32	32	280	4061
* MNPTF1616SWOP	16	25,4	1	1	11,5	79,4	38	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

ONE-PIECE NPTF SWIVEL MALE 90° ELBOW (COMPACT FORGED)

MASCHIO 90° NPTF GIREVOLE SV60° COMPATTA



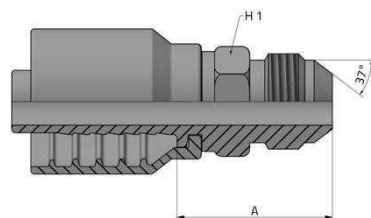
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	H2 mm	PN bar	PN psi
* M90NPTF0404SWOP	4	6,4	1/4	1/4	18	23,5	56	22	17	350	5076
M90NPTF0406SWOP	4	6,4	1/4	3/8	18	23,5	58,4	22	22	350	5076
M90NPTF0604SWOP	6	9,5	3/8	1/4	18	23,5	56	22	17	350	5076
M90NPTF0606SWOP	6	9,5	3/8	3/8	18	23,5	58,4	22	22	350	5076
M90NPTF0608SWOP	6	9,5	3/8	1/2	14	23,5	62,3	22	27	350	5076
M90NPTF0806SWOP	8	12,5	1/2	3/8	18	24	58,4	22	27	350	5076
* M90NPTF0808SWOP	8	12,5	1/2	1/2	14	24	62,3	22	27	350	5076
M90NPTF0812SWOP	8	12,5	1/2	3/4	14	26,9	72	27	32	280	4061
* M90NPTF1212SWOP	12	19	3/4	3/4	14	25,2	72	27	32	280	4061
* M90NPTF1616SWOP	16	25,4	1	1	11,5	32,5	77,9	33	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

ONE-PIECE JIC 37° MALE (1)

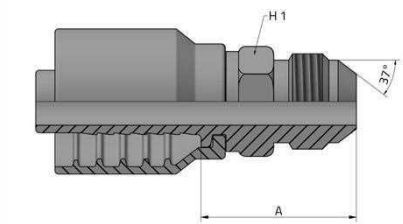
MASCHIO JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MJ03040P	3	4,8	3/16	7/16	20	26,5	12	500	7252
MJ03050P	3	4,8	3/16	1/2	20	26,5	14	420	6091
MJ04040P	4	6,4	1/4	7/16	20	27,5	12	500	7252
MJ04050P	4	6,4	1/4	1/2	20	27,5	14	420	6091
MJ04060P	4	6,4	1/4	9/16	18	28,5	15	420	6091
MJ05050P	5	7,9	5/16	1/2	20	27,5	14	420	6091
MJ05060P	5	7,9	5/16	9/16	18	28,5	15	420	6091
MJ05070P	5	7,9	5/16	5/8	18	30	17	420	6091
MJ05080P	5	7,9	5/16	3/4	16	30	19	420	6091
MJ06060P	6	9,5	3/8	9/16	18	28,5	15	420	6091
MJ06070P	6	9,5	3/8	5/8	18	31	17	420	6091
MJ06080P	6	9,5	3/8	3/4	16	31	19	420	6091
MJ06100P	6	9,5	3/8	7/8	14	35	24	350	5076
MJ08060P	8	12,5	1/2	9/16	18	29	19	420	6091
MJ08080P	8	12,5	1/2	3/4	16	31,5	19	420	6091
MJ08100P	8	12,5	1/2	7/8	14	35,5	24	350	5076
MJ08120P	8	12,5	1/2	1 1/16	12	40	27	350	5076
MJ10100P	10	16	5/8	7/8	14	35,5	24	350	5076
MJ10120P	10	16	5/8	1 1/16	12	40	27	350	5076
MJ12100P	12	19	3/4	7/8	14	37,2	27	350	5076
MJ12120P	12	19	3/4	1 1/16	12	40,7	27	350	5076
MJ12140P	12	19	3/4	1 3/16	12	41,7	32	280	4061
MJ12160P	12	19	3/4	1 5/16	12	41,7	34	280	4061
MJ16120P	16	25,4	1	1 1/16	12	41,5	32	350	5076
MJ16160P	16	25,4	1	1 5/16	12	42,5	34	280	4061
MJ16200P	16	25,4	1	1 5/8	12	45	42	280	4061

ONE-PIECE JIC 37° MALE (2)

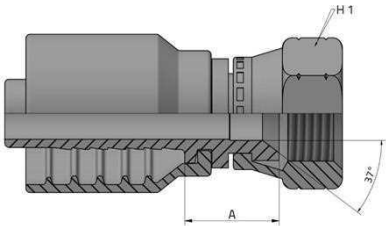
MASCHIO JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MJ20200P	20	31,8	1 1/4	1 5/8	12	45,5	42	280	4061
MJ20240P	20	31,8	1 1/4	1 7/8	12	53	50	210	3046
MJ24240P	24	38,1	1 1/2	1 7/8	12	53	50	210	3046
MJ32320P	32	50,8	2	2 1/2	12	62	65	140	2030

ONE-PIECE JIC 37° FEMALE (1)

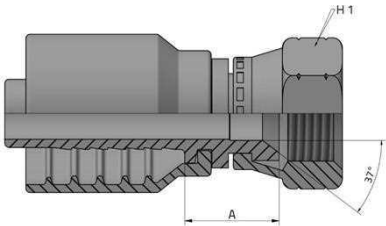
FEMMINA DIRITTA JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDJ03040P	3	4,8	3/16	7/16	20	15	15	500	7252
FDJ03050P	3	4,8	3/16	1/2	20	15	17	420	6091
FDJ03060P	3	4,8	3/16	9/16	18	18,2	19	420	6091
FDJ04040P	4	6,4	1/4	7/16	20	15,5	15	500	7252
FDJ04050P	4	6,4	1/4	1/2	20	16	17	420	6091
FDJ04060P	4	6,4	1/4	9/16	18	16,2	19	420	6091
FDJ04080P	4	6,4	1/4	3/4	16	17,3	24	420	6091
FDJ05050P	5	7,9	5/16	1/2	20	16	17	420	6091
FDJ05060P	5	7,9	5/16	9/16	18	16,7	19	420	6091
FDJ05070P	5	7,9	5/16	5/8	18	16,7	22	420	6091
FDJ05080P	5	7,9	5/16	3/4	16	17,3	24	420	6091
FDJ06060P	6	9,5	3/8	9/16	18	16,7	19	420	6091
FDJ06070P	6	9,5	3/8	5,8	18	16,7	22	420	6091
FDJ06080P	6	9,5	3/8	3/4	16	17,3	24	420	6091
FDJ06100P	6	9,5	3/8	7/8	14	19	27	350	5076
FDJ08080P	8	12,5	1/2	3/4	16	17,8	24	420	6091
FDJ08100P	8	12,5	1/2	7/8	14	19,5	27	350	5076
FDJ08120P	8	12,5	1/2	1 1/16	12	23	32	350	5076
FDJ10100P	10	16	5/8	7/8	14	19,5	27	350	5076
FDJ10120P	10	16	5/8	1 1/16	12	23	32	350	5076
FDJ12100P	12	19	3/4	7/8	14	20,2	27	350	5076
FDJ12120P	12	19	3/4	1 1/16	12	23,2	32	350	5076
FDJ12140P	12	19	3/4	1 3/16	12	23,3	36	280	4061
FDJ12160P	12	19	3/4	1 5/16	12	23,7	41	280	4061
FDJ16120P	16	25,4	1	1 1/16	12	24,1	32	350	5076
FDJ16160P	16	25,4	1	1 5/16	12	25,4	41	280	4061

ONE-PIECE JIC 37° FEMALE (2)

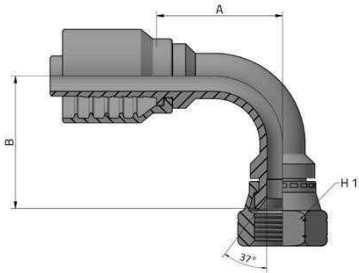
FEMMINA DIRITTA JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FDJ16200P	16	25,4	1	1 5/8	12	28,5	50	280	4061
FDJ20200P	20	31,8	1 1/4	1 5/8	12	29	50	280	4061
FDJ20240P	20	31,8	1 1/4	1 7/8	12	31	55	210	3046
FDJ24240P	24	38,1	1 1/2	1 7/8	12	31	55	210	3046

ONE-PIECE JIC 37° FEMALE - 90° ELBOW (1)

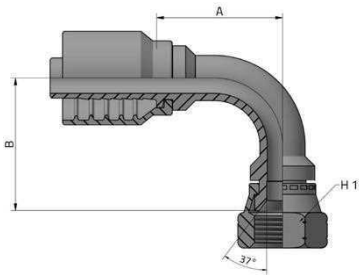
FEMMINA 90° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J03040P	3	4,8	3/16	7/16	20	23	26	15	500	7252
F90J03050P	3	4,8	3/16	1/2	20	23	27	17	420	6091
F90J03060P	3	4,8	3/16	9/16	18	23	30	19	420	6091
F90J04040P	4	6,4	1/4	7/16	20	23	26	15	500	7352
F90J04050P	4	6,4	1/4	1/2	20	23	27	17	420	6091
F90J04060P	4	6,4	1/4	9/16	18	23	27	19	420	6091
F90J04080P	4	6,4	1/4	3/4	16	31,5	32,5	24	420	6091
F90J05050P	5	7,9	5/16	1/2	20	31,5	32	17	420	6091
F90J05060P	5	7,9	5/16	9/16	18	31,5	32	19	420	6091
F90J05070P	5	7,9	5/16	5/8	18	31,5	32,5	22	420	6091
F90J05080P	5	7,9	5/16	3/4	16	31,5	32,5	24	420	6091
F90J06050P	6	9,5	3/8	1/2	20	33	35	17	420	6091
F90J06060P	6	9,5	3/8	9/16	18	33	35	19	420	6091
F90J06070P	6	9,5	3/8	5/8	18	33	35,5	22	420	6091
F90J06080P	6	9,5	3/8	3/4	16	33	36,5	24	420	6091
F90J06100P	6	9,5	3/8	7/8	14	33	39,5	27	350	5076
F90J08060P	8	12,5	1/2	9/16	18	33	36	19	420	6091
F90J08080P	8	12,5	1/2	3/4	16	39	41	24	420	6091
F90J08100P	8	12,5	1/2	7/8	14	39	42,5	27	350	5076
F90J08120P	8	12,5	1/2	1 1/16	12	39	50	32	350	5076
F90J10100P	10	16	5/8	7/8	14	49	50	27	350	5076
F90J10120P	10	16	5/8	1 1/16	12	49	55	32	350	5076
F90J12100P	12	19	3/4	7/8	14	53,5	58	27	350	5076
F90J12120P	12	19	3/4	1 1/16	12	53,5	58	32	350	5076
F90J12140P	12	19	3/4	1 3/16	12	53,5	61	36	280	4061
F90J12160P	12	19	3/4	1 5/16	12	53,5	62,5	41	280	4061

ONE-PIECE JIC 37° FEMALE - 90° ELBOW (2)

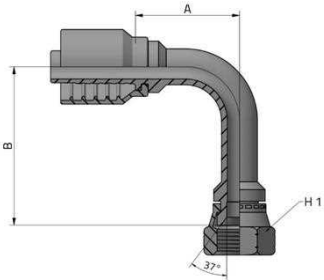
FEMMINA 90° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J16120P	16	25,4	1	1 1/16	12	69	80	32	350	5076
F90J16160P	16	25,4	1	1 5/16	12	73	69,5	41	280	4061
F90J16200P	16	25,4	1	1 5/8	12	73	78,5	50	280	4061
F90J20200P	20	31,8	1 1/4	1 5/8	12	89	91,5	50	280	4061
F90J20240P	20	31,8	1 1/4	1 7/8	12	89	99	55	210	3046
F90J24240P	24	38,1	1 1/2	1 7/8	12	101	112,5	55	210	3046

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

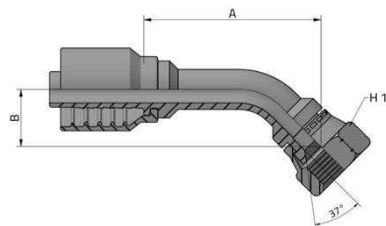
FEMMINA 90° JIC SV 37° LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90J0404LDOP	4	6,4	1/4	7/16	20	28,5	45	17	500	7252
F90J0405LDOP	4	6,4	1/4	1/2	20	28,5	45	17	420	6091
F90J0406LDOP	4	6,4	1/4	9/16	18	29,5	55,5	19	420	6091
F90J0606LDOP	6	9,5	3/8	9/16	18	35,5	59	19	420	6091
F90J0608LDOP	6	9,5	3/8	3/4	16	36,5	61,5	24	420	6091
F90J0808LDOP	8	12,5	1/2	3/4	16	40,5	62,5	24	420	6091
F90J0810LDOP	8	12,5	1/2	7/8	14	45	65	27	350	5076
F90J1010LDOP	10	16	5/8	7/8	14	53,5	65,5	27	350	5076
F90J1212LDOP	12	19	3/4	1 1/16	12	62	94,5	32	350	5076
F90J1616LDOP	16	25,4	1	1 5/16	12	77	110	41	280	4061

ONE-PIECE JIC 37° FEMALE - 45° ELBOW (1)

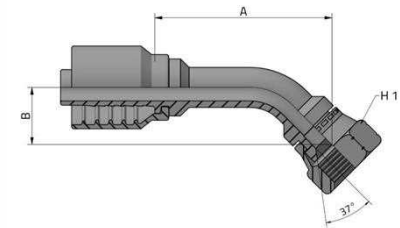
FEMMINA 45° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J03040P	3	4,8	3/16	7/16	20	38	15	15	500	7252
F45J03050P	3	4,8	3/16	1/2	20	40	17	17	420	6091
F45J04040P	4	6,4	1/4	7/16	20	38	15	15	500	7252
F45J04050P	4	6,4	1/4	1/2	20	40	17	17	420	6091
F45J04060P	4	6,4	1/4	9/16	18	39,5	16,5	19	420	6091
F45J04080P	4	6,4	1/4	3/4	16	50	20	24	420	6091
F45J05050P	5	7,9	5/16	1/2	20	40	17	17	420	6091
F45J05060P	5	7,9	5/16	9/16	18	49,5	18,5	19	420	6091
F45J05070P	5	7,9	5/16	5/8	18	50	19	22	420	6091
F45J05080P	5	7,9	5/16	3/4	16	50,5	19,5	24	420	6091
F45J06060P	6	9,5	3/8	9/16	18	53	18	19	420	6091
F45J06070P	6	9,5	3/8	5/8	18	54	19	22	420	6091
F45J06080P	6	9,5	3/8	3/4	16	54	19	24	420	6091
F45J06100P	6	9,5	3/8	7/8	14	56	21	27	350	5076
F45J08080P	8	12,5	1/2	3/4	16	62	20	24	420	6091
F45J08100P	8	12,5	1/2	7/8	14	63	21	27	350	5076
F45J08120P	8	12,5	1/2	1 1/16	12	64	22	32	350	5076
F45J10100P	10	16	5/8	7/8	14	60	22	27	350	5076
F45J10120P	10	16	5/8	1 1/16	12	63	25	32	350	5076
F45J12100P	12	19	3/4	7/8	14	62	29	27	350	5076
F45J12120P	12	19	3/4	1 1/16	12	62	29	32	350	5076
F45J12140P	12	19	3/4	1 3/16	12	63	29	36	280	4061
F45J12160P	12	19	3/4	1 5/16	12	63	29	41	280	4061
F45J16120P	16	25,4	1	1 1/16	12	100	39,5	32	350	5076
F45J16160P	16	25,4	1	1 5/16	12	88,5	39,5	41	280	4061
F45J16200P	16	25,4	1	1 5/8	12	89,5	38,5	50	280	4061

ONE-PIECE JIC 37° FEMALE - 45° ELBOW (2)

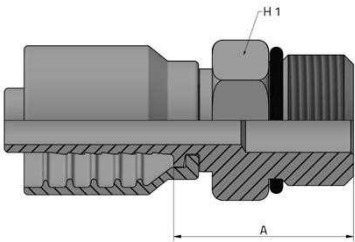
FEMMINA 45° JIC SV 37°



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45J2020OP	20	31,8	1 1/4	1 5/8	12	101	44	50	280	4061
F45J2024OP	20	31,8	1 1/4	1 7/8	12	103	45	55	210	3046
F45J2424OP	24	38,1	1 1/2	1 7/8	12	118	45	55	210	3046

ONE-PIECE O-RING BOSS MALE

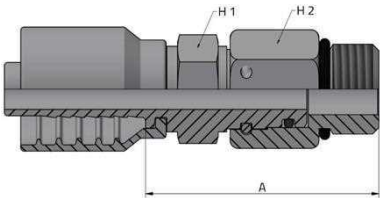
MASCHIO O-RING BOSS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MOB04040P	4	6,4	1/4	7/16	20	24,5	14	500	7252
MOB04050P	4	6,4	1/4	1/2	20	26	17	420	6091
MOB04060P	4	6,4	1/4	9/16	18	28,5	17	420	6091
MOB06060P	6	9,5	3/8	9/16	18	28,5	17	420	6091
MOB06080P	6	9,5	3/8	3/4	16	31	22	420	6091
MOB06100P	6	9,5	3/8	7/8	14	35	27	350	5076
MOB08080P	8	12,5	1/2	3/4	16	31,5	22	420	6091
MOB08100P	8	12,5	1/2	7/8	14	35	27	350	5076
MOB08120P	8	12,5	1/2	1 1/16	12	39,5	32	350	5076
MOB10080P	10	16	5/8	3/4	16	32	24	420	6091
MOB10100P	10	16	5/8	7/8	14	35,5	27	350	5076
MOB10120P	10	16	5/8	1 1/16	12	39,5	32	350	5076
MOB12120P	12	19	3/4	1 1/16	12	39,7	32	350	5076
MOB12160P	12	19	3/4	1 5/16	12	41,7	38	280	4061
MOB16160P	16	25,4	1	1 5/16	12	43	38	280	4061
MOB16200P	16	25,4	1	1 5/8	12	44	46	280	4061
MOB20200P	20	31,8	1 1/4	1 5/8	12	44,5	46	280	4061

ONE-PIECE O-RING BOSS SWIVEL MALE

MASCHIO O-RING BOSS GIREVOLE



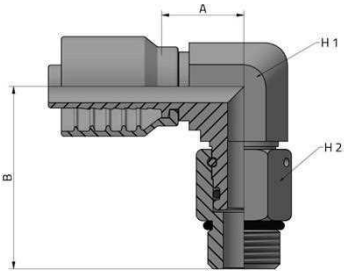
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	H2 mm	PN bar	PN psi
* MOB0404SWOP	4	6,4	1/4	7/16	20	49,7	14	17	350	5076
* MOB0406SWOP	4	6,4	1/4	9/16	18	51,9	17	22	350	5076
MOB0604SWOP	6	9,5	3/8	7/16	20	52,5	17	17	350	5076
* MOB0606SWOP	6	9,5	3/8	9/16	18	54,9	17	22	350	5076
* MOB0608SWOP	6	9,5	3/8	3/4	16	58,5	22	27	350	5076
MOB0806SWOP	8	12,5	1/2	9/16	18	55,9	22	22	350	5076
* MOB0808SWOP	8	12,5	1/2	3/4	16	59	22	27	350	5076
* MOB0812SWOP	8	12,5	1/2	1 1/16	12	63,3	27	32	280	4061
* MOB1212SWOP	12	19	3/4	1 1/16	12	71,7	32	32	280	4061
MOB1616SWOP	16	25,4	1	1 5/16	12	74	38	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

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

MASCHIO 90° O-RING BOSS GIREVOLE COMPATTA



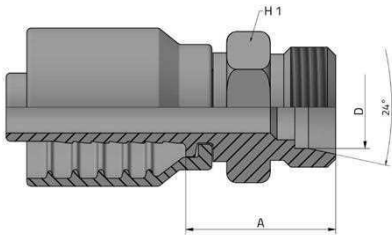
Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	H2 mm	PN bar	PN psi
* MOB900404SWOP	4	6,4	1/4	7/16	20	23,5	52	22	17	350	5076
* MOB900406SWOP	4	6,4	1/4	9/16	18	23,5	54,4	22	22	350	5076
MOB900604SWOP	6	9,5	3/8	7/16	20	23,5	52	22	17	350	5076
* MOB900606SWOP	6	9,5	3/8	9/16	18	23,5	54,4	22	22	350	5076
* MOB900608SWOP	6	9,5	3/8	3/4	16	23,5	57,5	22	27	350	5076
MOB900806SWOP	8	12,5	1/2	9/16	18	24	54,4	22	22	350	5076
* MOB900808SWOP	8	12,5	1/2	3/4	16	24	57,5	22	27	350	5076
* MOB900812SWOP	8	12,5	1/2	1 1/16	12	24	71,5	27	32	280	4061
* MOB901212SWOP	12	19	3/4	1 1/16	12	25,2	71,5	27	32	280	4061
MOB901616SWOP	16	25,4	1	1 5/16	12	32,5	72,5	33	38	200	2901

* Da non usare come applicazione rotante

Not to be used as a live swivel

ONE-PIECE METRIC MALE 24° CONE - L TYPE

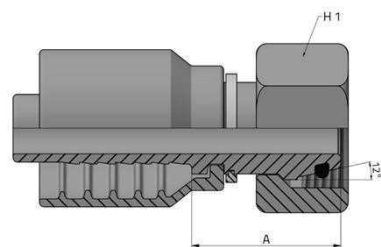
MASCHIO METRICO 24° DKOL



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
ME0312L60P	3	4,8	3/16	12x1,5	22,5	14	500	7252
ME0314L80P	3	4,8	3/16	14x1,5	22,5	15	500	7252
ME0412L60P	4	6,4	1/4	12x1,5	23,5	14	500	7252
ME0414L80P	4	6,4	1/4	14x1,5	23,5	15	500	7252
ME0416L100P	4	6,4	1/4	16x1,5	25,5	17	500	7252
ME0418L120P	4	6,4	1/4	18x1,5	26	19	400	5801
ME0514L80P	5	7,9	5/16	14x1,5	23,5	15	500	7252
ME0516L100P	5	7,9	5/16	16x1,5	25,5	17	500	7252
ME0518L120P	5	7,9	5/16	18x1,5	26	19	400	5801
ME0614L80P	6	9,5	3/8	14x1,5	24,5	17	500	7252
ME0616L100P	6	9,5	3/8	16x1,5	25,5	17	500	7252
ME0618L120P	6	9,5	3/8	18x1,5	26	19	400	5801
ME0622L150P	6	9,5	3/8	22x1,5	27,5	24	400	5801
ME0818L120P	8	12,5	1/2	18x1,5	26,5	22	400	5801
ME0822L150P	8	12,5	1/2	22x1,5	28	24	400	5801
ME0826L180P	8	12,5	1/2	26x1,5	28	27	400	5801
ME0830L220P	8	12,5	1/2	30x2	32	32	250	3626
ME1026L180P	10	16	5/8	26x1,5	28	27	400	5801
ME1030L220P	10	16	5/8	30x2	31,5	32	250	3626
ME1226L180P	12	19	3/4	26x1,5	28,7	27	400	5801
ME1230L220P	12	19	3/4	30x2	32,2	32	250	3626
ME1236L280P	12	19	3/4	36x2	32,7	38	250	3626
ME1630L220P	16	25,4	1	30x2	32,5	34	250	3626
ME1636L280P	16	25,4	1	36x2	33	38	250	3626
ME2045L350P	20	31,8	1 1/4	54x2	38	46	250	3626
ME2452L420P	24	38,1	1 1/2	52x2	38	55	250	3626

ONE-PIECE METRIC FEMALE 24° CONE - L TYPE (1)

FEMMINA 90° METRICA DKOL CON O-RING 24°

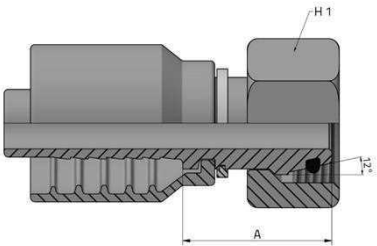


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE0312L60P	3	4,8	3/16	12x1,5	22,5	14	500	7252
FE0314L80P	3	4,8	3/16	14x1,5	24,5	17	500	7252
FE0316L100P	3	4,8	3/16	16x1,5	25,5	19	500	7252
* FE0412L60P	4	6,4	1/4	12x1,5	21	17	500	7252
FE0414L80P	4	6,4	1/4	14x1,5	25,5	17	500	7252
FE0416L100P	4	6,4	1/4	16x1,5	25,5	19	500	7252
FE0418L120P	4	6,4	1/4	18x1,5	26	22	400	5801
* FE0514L80P	5	7,9	5/16	14x1,5	21,5	19	500	7252
FE0514L8SFOP	5	7,9	5/16	14x1,5	25,5	17	500	7252
FE0516L100P	5	7,9	5/16	16x1,5	25,5	19	500	7252
FE0518L120P	5	7,9	5/16	18x1,5	26,5	22	400	5801
FE0522L150P	5	7,9	5/16	22x1,5	28,5	27	400	5801
* FE0614L80P	6	9,5	3/8	14x1,5	22	19	500	7252
* FE0616L100P	6	9,5	3/8	16x1,5	24	19	500	7252
FE0618L120P	6	9,5	3/8	18x1,5	26,5	22	400	5801
FE0622L150P	6	9,5	3/8	22x1,5	27	27	400	5801
* FE0818L120P	8	12,5	1/2	18x1,5	26	22	400	5801
FE0822L150P	8	12,5	1/2	22x1,5	27,5	27	400	5801
FE0826L180P	8	12,5	1/2	26x1,5	28	32	400	5801
* FE1022L150P	10	16	5/8	22x1,5	25,5	27	400	5801
FE1026L180P	10	16	5/8	26x1,5	28	32	400	5801
FE1030L220P	10	16	5/8	30x2	30,5	36	250	3626
* FE1226L180P	12	19	3/4	26x1,5	29	32	400	5801
FE1230L220P	12	19	3/4	30x2	31	36	250	3626
FE1236L280P	12	19	3/4	36x2	33,5	41	250	3626
* FE1630L220P	16	25,4	1	30x2	29,5	36	250	3626

* Crimped nut - Dado pinzato

ONE-PIECE METRIC FEMALE 24° CONE - L TYPE (2)

FEMMINA 90° METRICA DKOL CON O-RING 24°

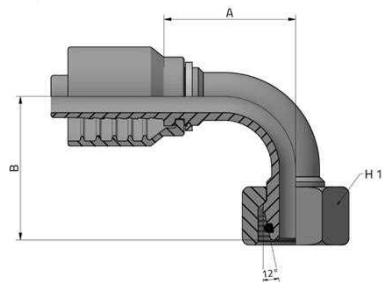


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE1636L28OP	16	25,4	1	36x2	34,5	41	250	3626
FE1645L35OP	16	25,4	1	45x2	40	50	250	3626
FE2045L35OP	20	31,8	1 1/4	45x2	41,5	50	250	3626
FE2052L42OP	20	31,8	1 1/4	52x2	39	60	250	3626
FE2452L42OP	24	38,1	1 1/2	52x2	39	60	250	3626

* Crimped nut - Dado pinzato

ONE-PIECE METRIC FEMALE 24° CONE - 90° ELBOW - L TYPE

FEMMINA 90° METRICA DKOL CON O-RING 24°

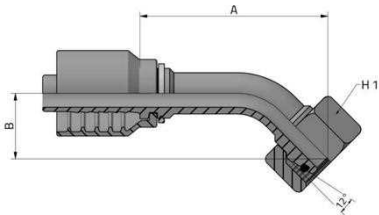


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90E0312L60P	3	4,8	3/16	12x1,5	29,5	31,5	14	500	7252
F90E0314L80P	3	4,8	3/16	14x1,5	29,5	31,5	17	500	7252
* F90E0412L60P	4	6,4	1/4	12x1,5	29,5	31,5	17	500	7252
F90E0414L80P	4	6,4	1/4	14x1,5	29,5	31,5	17	500	7252
F90E0416L100P	4	6,4	1/4	16x1,5	29	32,5	19	500	7252
F90E0418L120P	4	6,4	1/4	18x1,5	27	30,5	22	400	5801
* F90E0514L80P	5	7,9	5/16	14x1,5	31,5	36,7	19	500	7252
F90E0516L100P	5	7,9	5/16	16x1,5	31	32,5	19	500	7252
F90E0518L120P	5	7,9	5/16	18x1,5	29	37	22	400	5801
* F90E0614L80P	6	9,5	3/8	14x1,5	33	36	19	500	7252
* F90E0616L100P	6	9,5	3/8	16x1,5	33	38	19	500	7252
F90E0618L120P	6	9,5	3/8	18x1,5	35,5	37,5	22	400	5801
F90E0622L150P	6	9,5	3/8	22x1,5	34	42	27	400	5801
* F90E0818L120P	8	12,5	1/2	18x1,5	39	49	22	400	5801
F90E0822L150P	8	12,5	1/2	22x1,5	39,5	44	27	400	5801
F90E0826L180P	8	12,5	1/2	26x1,5	39,5	46,5	32	400	5801
* F90E1022L150P	10	16	5/8	22x1,5	48,5	60	27	400	5801
F90E1026L180P	10	16	5/8	26x1,5	48,5	50,5	32	400	5801
F90E1030L220P	10	16	5/8	30x2	48,5	53	36	250	3626
* F90E1226L180P	12	19	3/4	26x1,5	53,5	63,5	32	400	5801
F90E1230L220P	12	19	3/4	30x2	56,5	55,5	36	250	3626
* F90E1630L220P	16	25,4	1	30x2	73	76	32	250	3626
F90E1636L280P	16	25,4	1	36x2	73	72,5	41	250	3626
F90E2045L350P	20	31,8	1 1/4	45x2	92	86,5	50	350	3626
F90E2452L420P	24	38,1	1 1/2	52x2	99	94	60	250	3626

* Crimped nut - Dado pinzato

ONE-PIECE METRIC FEMALE 24° CONE - 45° ELBOW - L TYPE

FEMMINA 45° METRICA O-RING 24° DKOL CON O-RING

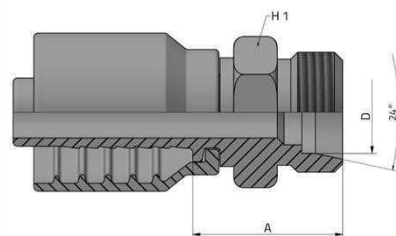


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45E0312L60P	3	4,8	3/16	12x1,5	47	15	14	500	7252
F45E0314L80P	3	4,8	3/16	14x1,5	37	15	17	500	7252
* F45E0412L60P	4	6,4	1/4	12x1,5	40	17	17	500	7252
F45E0414L80P	4	6,4	1/4	14x1,5	50	17	17	500	7252
F45E0416L100P	4	6,4	1/4	16x1,5	48,5	17	19	500	7252
F45E0418L120P	4	6,4	1/4	18x1,5	48,5	17	22	400	5801
* F45E0514L80P	5	7,9	5/16	14x1,5	51	23,2	19	500	7252
F45E0516L100P	5	7,9	5/16	16x1,5	52,5	17	19	500	7252
F45E0518L120P	5	7,9	5/16	18x1,5	50	20	22	400	5801
* F45E0616L100P	6	9,5	3/8	16x1,5	55	20	19	500	7252
F45E0618L120P	6	9,5	3/8	18x1,5	57	17	22	400	5801
F45E0622L150P	6	9,5	3/8	22x1,5	59	19	27	400	5801
* F45E0818L120P	8	12,5	1/2	18x1,5	65	27	22	400	5801
F45E0822L150P	8	12,5	1/2	22x1,5	64	22	27	400	5801
F45E0826L180P	8	12,5	1/2	26x1,5	65	26	32	400	5801
* F45E1022L150P	10	16	5/8	22x1,5	65	26	27	400	5801
F45E1026L180P	10	16	5/8	26x1,5	61,5	28	32	400	5801
F45E1030L220P	10	16	5/8	30x2	63,5	30	36	250	3626
* F45E1226L180P	12	19	3/4	26x1,5	63	33,5	32	400	5801
F45E1230L220P	12	19	3/4	30x2	63	27	36	250	3626
F45E1636L280P	16	25,4	1	36x2	85,5	38,5	41	250	3626
F45E2045L350P	20	31,8	1 1/4	45x2	104,5	35	50	250	3626
F45E2452L420P	24	38,1	1 1/2	52x2	119	45	60	250	3626

* Crimped nut - Dado pinzato

ONE-PIECE METRIC MALE 24° CONE - S TYPE (1)

MASCHIO METRICO 24° DKOS

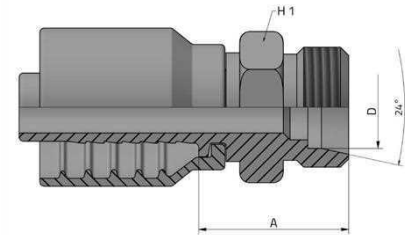


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
ME0314S60P	3	4,8	3/16	14x1,5	24,5	15	800	11603
ME0316S80P	3	4,8	3/16	16x1,5	24,5	17	800	11603
ME0414S60P	4	6,4	1/4	14x1,5	25,5	15	800	11603
ME0416S80P	4	6,4	1/4	16x1,5	25,5	17	800	11603
ME0418S100P	4	6,4	1/4	18x1,5	25,5	19	800	11603
ME0420S120P	4	6,4	1/4	20x1,5	27,5	22	630	9137
ME0518S100P	5	7,9	5/16	18x1,5	26	19	800	11603
ME0520S120P	5	7,9	5/16	20x1,5	27,5	22	630	9137
ME0614S60P	6	9,5	3/8	14x1,5	26,5	17	800	11603
ME0618S100P	6	9,5	3/8	18x1,5	25,5	19	800	11603
ME0620S120P	6	9,5	3/8	20x1,5	27,5	22	630	9137
ME0622S140P	6	9,5	3/8	22x1,5	30	24	630	9137
ME0624S160P	6	9,5	3/8	24x1,5	31	27	630	9137
ME0820S120P	8	12,5	1/2	20x1,5	28	22	630	9137
ME0822S140P	8	12,5	1/2	22x1,5	30,5	24	630	9137
ME0824S160P	8	12,5	1/2	24x1,5	31,5	27	630	9137
ME0830S200P	8	12,5	1/2	30x2	34	32	420	6091
ME1024S160P	10	16	5/8	24x1,5	31,5	27	630	9137
ME1030S200P	10	16	5/8	30x2	33,5	32	420	6091
ME1036S250P	10	16	5/8	36x2	38	38	420	6091
ME1230S200P	12	19	3/4	30x2	34,7	32	420	6091
ME1236S250P	12	19	3/4	36x2	38,7	38	420	6091
ME1242S300P	12	19	3/4	42x2	40,7	46	420	6091
ME1636S250P	16	25,4	1	36x2	39	38	420	6091
ME1642S300P	16	25,4	1	42x2	41	46	420	6091
ME2042S300P	20	31,8	1 1/4	42x2	42	46	420	6091

* Crimped nut - Dado pinzato

ONE-PIECE METRIC MALE 24° CONE - S TYPE (2)

MASCHIO METRICO 24° DKOS

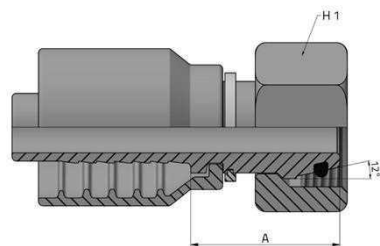


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
ME2052S380P	20	31,8	1 1/4	52x2	46	55	420	6091
ME2452S380P	24	38,1	1 1/2	52x2	46	55	420	6091

* Crimped nut - Dado pinzato

ONE-PIECE METRIC FEMALE 24° CONE - S TYPE (1)

FEMMINA DIRITTA METRICA O-RING 24° DKOS

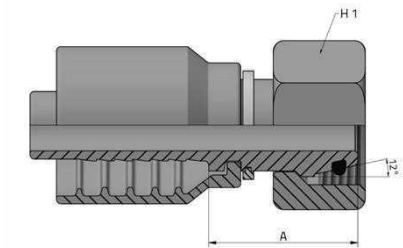


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE0314S60P	3	4,8	3/16	14x1,5	22,5	19	800	11603
FE0316S80P	3	4,8	3/16	16x1,5	24,5	19	800	11603
* FE0414S60P	4	6,4	1/4	14x1,5	25,5	19	800	11603
FE0416S80P	4	6,4	1/4	16x1,5	25,5	19	800	11603
FE0418S100P	4	6,4	1/4	18x1,5	25,5	22	800	11603
FE0420S120P	4	6,4	1/4	20x1,5	26	24	630	9137
FE0518S100P	5	7,9	5/16	18x1,5	25,5	22	800	11603
FE0520S120P	5	7,9	5/16	20x1,5	26,5	24	630	9137
* FE0618S100P	6	9,5	3/8	18x1,5	24	22	800	11603
FE0620S120P	6	9,5	3/8	20x1,5	26,5	24	630	9137
FE0622S140P	6	9,5	3/8	22x1,5	31,5	27	630	9137
FE0624S160P	6	9,5	3/8	24x1,5	31,5	30	630	9137
* FE0820S120P	8	12,5	1/2	20x1,5	25	24	630	9137
FE0822S140P	8	12,5	1/2	22x1,5	32	27	630	9137
FE0824S160P	8	12,5	1/2	24x1,5	32	30	630	9137
* FE0830S200P	8	12,5	1/2	30x2	37	36	420	6091
FE1024S160P	10	16	5/8	24x1,5	27	30	630	9137
FE1030S200P	10	16	5/8	30x2	37	36	420	6091
FE1036S250P	10	16	5/8	36x2	38	46	420	6091
* FE1224S160P	12	19	3/4	24x1,5	25,5	30	630	9137
FE1230S200P	12	19	3/4	30x2	37,5	36	420	6091
FE1236S250P	12	19	3/4	36x2	38,5	46	420	6091
FE1242S300P	12	19	3/4	42x2	39,5	50	420	6091
FE1636S250P	16	25,4	1	36x2	39,5	46	420	6091
FE1642S300P	16	25,4	1	42x2	40,5	50	420	6091
FE2042S300P	20	31,8	1 1/4	42x2	41,5	50	420	6091

* Crimped nut - Dado pinzato

ONE-PIECE METRIC FEMALE 24° CONE - S TYPE (2)

FEMMINA DIRITTA METRICA O-RING 24° DKOS

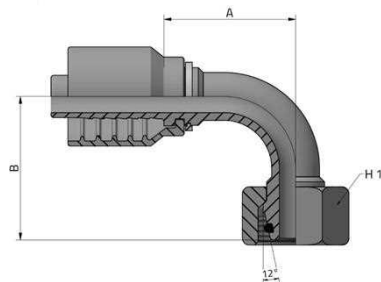


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FE2052S380P	20	31,8	1 1/4	52x2	47	60	420	6091
FE2452S380P	24	38,1	1 1/2	52x2	47	60	420	6091

* Crimped nut - Dado pinzato

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

FEMMINA 90° METRICA O-RING 24° DKOS

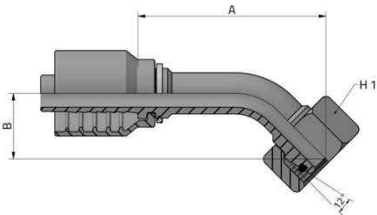


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90E0314S60P	3	4,8	3/16	14x1,5	29,5	31,5	19	800	11603
F90E0316S80P	3	4,8	3/16	16x1,5	29,5	31,5	19	800	11603
* F90E0414S60P	4	6,4	1/4	14x1,5	29,5	31,5	19	800	11603
F90E0416S80P	4	6,4	1/4	16x1,5	29,5	31,5	19	800	11603
F90E0418S100P	4	6,4	1/4	18x1,5	29	32,5	22	800	11603
F90E0420S120P	4	6,4	1/4	20x1,5	27	30,5	24	630	9137
F90E0518S100P	5	7,9	5/16	18x1,5	31	32,5	22	800	11603
F90E0520S120P	5	7,9	5/16	20x1,5	29	37	24	630	9137
* F90E0618S100P	6	9,5	3/8	18x1,5	33	38	22	800	11603
F90E0620S120P	6	9,5	3/8	20x1,5	35,5	37,5	24	630	9137
F90E0622S140P	6	9,5	3/8	22x1,5	34	42	27	630	9137
F90E0624S160P	6	9,5	3/8	24x1,5	34	42	30	630	9137
F90E0822S140P	8	12,5	1/2	22x1,5	39,5	44	27	630	9137
F90E0824S160P	8	12,5	1/2	24x1,5	39,5	45	30	630	9137
* F90E0830S200P	8	12,5	1/2	30x2	39,5	48	36	420	6091
F90E1024S160P	10	16	5/8	24x1,5	48	55	30	630	9137
F90E1030S200P	10	16	5/8	30x2	48,5	56	36	420	6091
F90E1230S200P	12	19	3/4	30x2	56,5	59	36	420	6091
F90E1236S250P	12	19	3/4	36x2	56,5	59	46	420	6091
F90E1636S250P	16	25,4	1	36x2	73	75	46	420	6091
F90E1642S300P	16	25,4	1	42x2	73	75	50	420	6091
F90E2042S300P	20	31,8	1 1/4	42x2	92	86	50	420	6091
F90E2052S380P	20	31,8	1 1/4	52x2	92	86	60	420	6091
F90E2452S380P	24	38,1	1 1/2	52x2	99	94	60	420	6091

* Crimped nut - Dado pinzato

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

FEMMINA 45° METRICA O-RING 24° DKOS

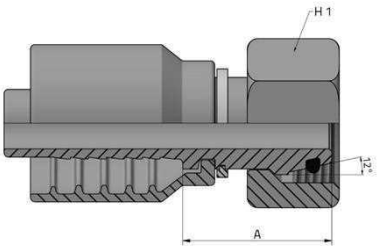


Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45E0314S60P	3	4,8	3/16	14x1,5	37	15	19	800	11603
F45E0316S80P	3	4,8	3/16	16x1,5	37	15	19	800	11603
* F45E0414S60P	4	6,4	1/4	14x1,5	40	17	19	800	11603
F45E0416S80P	4	6,4	1/4	16x1,5	50	17	19	800	11603
F45E0418S100P	4	6,4	1/4	18x1,5	48,5	17	22	800	11603
F45E0420S120P	4	6,4	1/4	20x1,5	48,5	17	24	630	9137
F45E0518S100P	5	7,9	5/16	18x1,5	52,5	17	22	800	11603
F45E0520S120P	5	7,9	5/16	20x1,5	50	20	24	630	9137
* F45E0618S100P	6	9,5	3/8	18x1,5	55	20	22	800	11603
F45E0620S120P	6	9,5	3/8	20x1,5	57	17	24	630	9137
F45E0622S140P	6	9,5	3/8	22x1,5	59	19	27	630	9137
F45E0624S160P	6	9,5	3/8	24x1,5	60	20	30	630	9137
F45E0822S140P	8	12,5	1/2	22x1,5	65	22	27	630	9137
F45E0824S160P	8	12,5	1/2	24x1,5	66,5	22	30	630	9137
F45E1024S160P	10	16	5/8	24x1,5	65	23	30	630	9137
F45E1030S200P	10	16	5/8	30x2	64,5	26	36	420	6091
F45E1230S200P	12	19	3/4	30x2	64	27	36	420	6091
F45E1236S250P	12	19	3/4	36x2	70	28	46	420	6091
F45E1236S25CH410P	12	19	3/4	36x2	70	28	41	420	6091
F45E1636S250P	16	25,4	1	36x2	88,5	38	46	420	6091
F45E1636S25CH410P	16	25,4	1	36x2	88,5	38	41	420	6091
F45E1642S300P	16	25,4	1	42x2	89	38	50	420	6091
F45E2042S300P	20	31,8	1 1/4	42x2	104,5	35	50	420	6091
F45E2052S380P	20	31,8	1 1/4	52x2	104,5	35	60	420	6091
F45E2452S380P	24	38,1	1 1/2	52x2	119	45	60	420	6091

* Crimped nut - Dado pinzato

ONE-PIECE FEMALE METRIC LIGHT SERIES FOR 24° OR 60° CONE

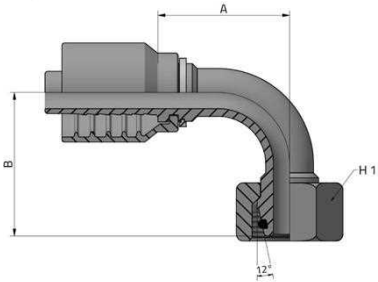
FEMMINA METRICA LEGGERA PER CONO A 24° O 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	H1 mm	PN bar	PN psi
FDKL0412OP	4	6,4	1/4	12x1,5	21	14	280	4061
FDKL0414OP	4	6,4	1/4	14x1,5	23,5	17	280	4061
FDKL0416OP	4	6,4	1/4	16x1,5	26	19	280	4061
FDKL0514OP	5	7,9	5/16	14x1,5	21,5	19		
FDKL0516OP	5	7,9	5/16	16x1,5	26	19		
FDKL0616OP	6	9,5	3/8	16x1,5	23,5	19	280	4061
FDKL0618OP	6	9,5	3/8	18x1,5	26,5	22	280	4061
FDKL0822OP	8	12,5	1/2	22x1,5	27,5	27	280	4061
FDKL1022OP	10	16	5/8	22x1,5	37,5	27	200	2901
FDKL1026OP	10	16	5/8	26x1,5	30	32	200	2901
FDKL1230OP	12	19	3/4	30x2	31	36	160	2320
FDKL1636OP	16	25,4	1	36x2	33,5	41	160	2320

ONE-PIECE FEMALE METRIC - 90° ELBOW LIGHT SERIES FOR 24°
OR 60° CONE

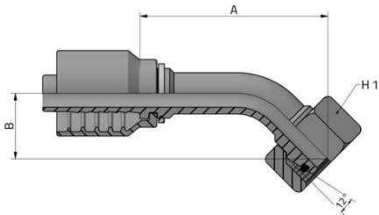
FEMMINA 90° METRICA LEGGERA PER CONO A 24° O 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F90KL04120P	4	6,4	1/4	12x1,5	29,5	31,5	14	280	4061
F90KL04140P	4	6,4	1/4	14x1,5	29,5	31,5	17	280	4061
F90KL04160P	4	6,4	1/4	16x1,5	29	32,5	19	280	4061
F90KL05140P	5	7,9	5/16	14x1,5	31,5	36,7	19	280	4061
F90KL05160P	5	7,9	5/16	16x1,5	31	32,5	19	280	4061
F90KL06160P	6	9,5	3/8	16x1,5	33	38	19	280	4061
F90KL06180P	6	9,5	3/8	18x1,5	35,5	37,5	22	280	4061
F90KL08220P	8	12,5	1/2	22x1,5	39,5	44	27	280	4061
F90KL10220P	10	16	5/8	22x1,5	48,5	50,5	27	200	2901
F90KL10260P	10	16	5/8	26x1,5	48,5	50,5	32	200	2901
F90KL12300P	12	19	3/4	30x2	56,5	55,5	36	160	2320
F90KL16360P	16	25,4	1	36x2	73	72,5	41	160	2320

ONE-PIECE FEMALE METRIC - 45° ELBOW LIGHT SERIES FOR 24°
OR 60° CONE

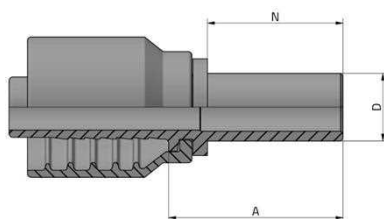
FEMMINA 45° METRICA LEGGERA PER CONO A 24° O 60°



Code	D.N.	Hose size mm	Hose size inch	T mm	A mm	B mm	H1 mm	PN bar	PN psi
F45KL04120P	4	6,4	1/4	12x1,5	40	17	14	280	4061
F45KL04140P	4	6,4	1/4	14x1,5	50	17	17	280	4061
F45KL04160P	4	6,4	1/4	16x1,5	48,5	17	19	280	4061
F45KL05140P	5	7,9	5/16	14x1,5	51	23,2	19	280	4061
F45KL05160P	5	7,9	5/16	16x1,5	52,5	17	19	280	4061
F45KL06160P	6	9,5	3/8	16x1,5	55	20	19	280	4061
F45KL06180P	6	9,5	3/8	18x1,5	57	17	22	280	4061
F45KL08220P	8	12,5	1/2	22x1,5	64	22	27	280	4061
F45KL10220P	10	16	5/8	22x1,5	61,5	28	27	200	2901
F45KL10260P	10	16	5/8	26x1,5	61,5	28	32	200	2901
F45KL12300P	12	19	3/4	30x2	63	27	36	160	2320
F45KL16360P	16	25,4	1	36x2	85,5	38,5	41	160	2320

ONE-PIECE STANDPIPE (1)

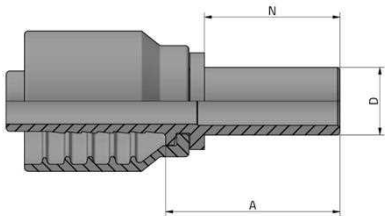
ERMETO DIRITTO



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	N mm	PN bar	PN psi
PDL03060P	3	4,8	3/16	29	6	22	800	11603
PDL03080P	3	4,8	3/16	29	8	22	800	11603
PDL04060P	4	6,4	1/4	30,5	6	23	800	11603
PDL04080P	4	6,4	1/4	30,5	8	23	800	11603
PDL04100P	4	6,4	1/4	32,5	10	25	800	11603
PDL04120P	4	6,4	1/4	32,5	12	25	630	9137
PDL05080P	5	7,9	5/16	30,5	8	23	800	11603
PDL05100P	5	7,9	5/16	33	10	25	800	11603
PDL05120P	5	7,9	5/16	33	12	25	630	9137
PDL06100P	6	9,5	3/8	33	10	25	800	11603
PDL06120P	6	9,5	3/8	33	12	25	630	9137
PDL06140P	6	9,5	3/8	36	14	28	630	9137
PDL06150P	6	9,5	3/8	33	15	25	400	5801
PDL08120P	8	12,5	1/2	33,5	12	25	630	9137
PDL08140P	8	12,5	1/2	36,5	14	28	630	9137
PDL08150P	8	12,5	1/2	33,5	15	25	420	5801
PDL08160P	8	12,5	1/2	39,5	16	31	630	9137
PDL08180P	8	12,5	1/2	35,5	18	27	400	5801
PDL10180P	10	16	5/8	38	18	27	400	5801
PDL10200P	10	16	5/8	44	20	35	420	6091
PDL10220P	10	16	5/8	38	22	29	250	3626
PDL12180P	12	19	3/4	34,7	18	26	400	5801
PDL12200P	12	19	3/4	44,2	20	35	420	6091
PDL12220P	12	19	3/4	38,2	22	29	250	3626
PDL12250P	12	19	3/4	49,2	25	39	420	6091
PDL16250P	16	25,4	1	50	25	39,5	420	6091

ONE-PIECE STANDPIPE (2)

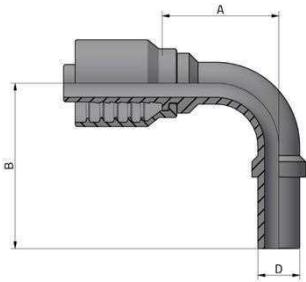
ERMETO DIRITTO



Code	D.N.	Hose size mm	Hose size inch	A mm	D mm	N mm	PN bar	PN psi
PDL16280P	16	25,4	1	40,5	28	30	250	3626
PDL16300P	16	25,4	1	54	30	43,5	420	6091
PDL20300P	20	31,8	1 1/4	54	30	43	420	6091
PDL20350P	20	31,8	1 1/4	46	35	35	250	3626
PDL20380P	20	31,8	1 1/4	60	38	48	420	6091
PDL24380P	24	38,1	1 1/2	60	38	48	420	6091
PDL24420P	24	38,1	1 1/2	47	42	36	250	3626

ONE-PIECE STANDPIPE 90°

ERMETO 90°

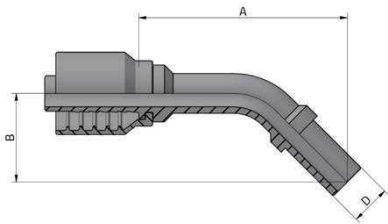


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D mm	PN bar	PN psi
* P90L02060P	2	4,3	1/8	37,5	31	6	415	6019
P90L03060P	3	4,8	3/16	25	41,5	6	415	6019
P90L03080P	3	4,8	3/16	25	41,5	8	450	6526
P90L04060P	4	6,4	1/4	25	43	6	415	6019
P90L04080P	4	6,4	1/4	24	43	8	450	6526
P90L04100P	4	6,4	1/4	25	45	10	350	5076
P90L05100P	5	7,9	5/16	32	51	10	350	5076
P90L05120P	5	7,9	5/16	32	51	12	445	6454
P90L06100P	6	9,5	3/8	33	53	10	350	5076
P90L06120P	6	9,5	3/8	33	53	12	445	6454
P90L06140P	6	9,5	3/8	33	56	14	445	6454
P90L06150P	6	9,5	3/8	34	57	15	250	3626
P90L08150P	8	12,5	1/2	39	60,5	15	250	3626
P90L10180P	10	16	5/8	49	69	18	160	2320
P90L12220P	12	19	3/4	58	76	22	160	2320
P90L16280P	16	25,4	1	74	88	28	100	1450

* Estremità tubolare senza battuta - Hose tail without end stop

ONE-PIECE STANDPIPE 45°

ERMETO 45°

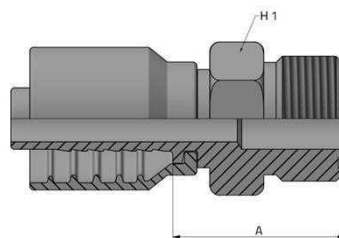


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D mm	PN bar	PN psi
* P45L02060P	2	4,3	1/8	-	-	6	415	6019
P45L03060P	3	4,8	3/16	-	-	6	415	6019
P45L03080P	3	4,8	3/16	-	-	8	450	6526
P45L04060P	4	6,4	1/4	-	-	6	415	6019
P45L04080P	4	6,4	1/4	-	-	8	450	6526
P45L04100P	4	6,4	1/4	-	-	10	350	5076
P45L05120P	5	7,9	5/16	-	-	12	350	5076
P45L06100P	6	9,5	3/8	-	-	10	350	5076
P45L06120P	6	9,5	3/8	-	-	12	445	6454
P45L08150P	8	12,5	1/2	-	-	15	250	3626
P45L10180P	10	16	5/8	-	-	18	160	2320
P45L12220P	12	19	3/4	-	-	22	160	2320
P45L16280P	16	25,4	1	-	-	28	100	1450

* Estremità tubolare senza battuta - Hose tail without end stop

ONE-PIECE ORFS MALE

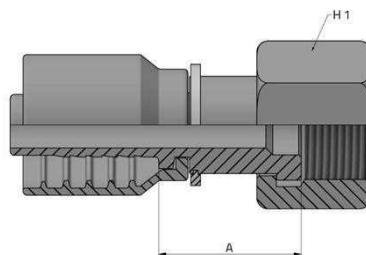
MASCHIO ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
MORFS04060P	4	6,4	1/4	9/16	18	25	17	630	9137
MORFS04090P	4	6,4	1/4	11/16	16	28	19	630	9137
MORFS05060P	5	7,9	5/16	9/16	18	25	17	630	9137
MORFS05090P	5	7,9	5/16	11/16	16	28	19	630	9137
MORFS06060P	6	9,5	3/8	9/16	18	25	17	630	9137
MORFS06090P	6	9,5	3/8	11/16	16	28	19	630	9137
MORFS06110P	6	9,5	3/8	13/16	16	27	22	630	9137
MORFS06130P	6	9,5	3/8	1	14	34	27	420	6091
MORFS08090P	8	12,5	1/2	11/16	16	29,5	22	630	9137
MORFS08110P	8	12,5	1/2	13/16	16	30,5	22	630	9137
MORFS08130P	8	12,5	1/2	1	14	34,5	27	420	6091
MORFS08140P	8	12,5	1/2	1 3/16	16	36	32	420	6091
MORFS10130P	10	16	5/8	1	14	34,5	27	420	6091
MORFS10140P	10	16	5/8	1 3/16	12	36	32	420	6091
MORFS12130P	12	19	3/4	1	14	34,7	27	420	6091
MORFS12140P	12	19	3/4	1 3/16	12	36,2	32	420	6091
MORFS12150P	12	19	3/4	1 7/16	12	38,2	41	420	6091
MORFS16140P	16	25,4	1	1 3/16	12	37,5	32	420	6091
MORFS16150P	16	25,4	1	1 7/16	12	39	41	420	6091
MORFS16210P	16	25,4	1	1 11/16	12	39	46	420	6091
MORFS20210P	20	31,8	1 1/4	1 11/16	12	39,5	46	420	6091
MORFS24320P	24	38,1	1 1/2	2	12	42,5	55	350	5076

ONE-PIECE ORFS FEMALE

FEMMINA ORFS

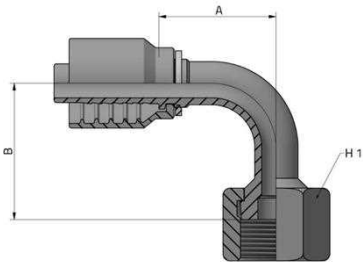


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	H1 mm	PN bar	PN psi
FORFS04060P	4	6,4	1/4	9/16	18	20	17	630	9137
FORFS04090P	4	6,4	1/4	11/16	16	22,5	22	630	9137
FORFS04110P	4	6,4	1/4	13/16	16	25,5	24	630	9137
* FORFS05060P	5	7,9	5/16	9/16	18	25,5	19	630	9137
FORFS05090P	5	7,9	5/16	11/16	16	22,5	22	630	9137
FORFS06060P	6	9,5	3/8	9/16	18	25,5	19	630	9137
FORFS06090P	6	9,5	3/8	11/16	16	22,5	22	630	9137
FORFS06110P	6	9,5	3/8	13/16	16	25,5	24	630	9137
FORFS08090P	8	12,5	1/2	11/16	16	29,5	22	630	9137
FORFS08110P	8	12,5	1/2	13/16	16	26	24	630	9137
FORFS08130P	8	12,5	1/2	1	14	29,5	30	420	6091
FORFS08140P	8	12,5	1/2	1 3/16	12	32,5	36	420	6091
FORFS10130P	10	16	5/8	1	14	29,5	30	420	6091
FORFS10140P	10	16	5/8	1 3/16	12	32	36	420	6091
FORFS12140P	12	19	3/4	1 3/16	12	32,2	36	420	6091
FORFS12150P	12	19	3/4	1 7/16	12	33,2	41	420	6091
FORFS16140P	16	25,4	1	1 3/16	12	38,5	36	420	6091
FORFS16150P	16	25,4	1	1 7/16	12	34	41	420	6091
FORFS16210P	16	25,4	1	1 11/16	12	34	50	420	6091
FORFS20210P	20	31,8	1 1/4	1 11/16	12	34,5	50	420	6091

* Crimped nut - Dado pinzato

ONE-PIECE ORFS FEMALE SWIVEL - 90° ELBOW

FEMMINA 90° ORFS

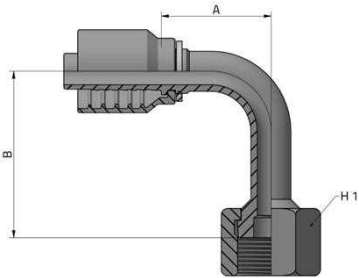


Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90ORFS04060P	4	6,4	1/4	9/16	18	28	29,5	17	630	9137
F90ORFS04090P	4	6,4	1/4	11/16	16	28	30	22	630	9137
F90ORFS04110P	4	6,4	1/4	13/16	16	29,5	32	24	630	9137
* F90ORFS05060P	5	7,9	5/16	9/16	18	29	45	19	630	9137
F90ORFS05090P	5	7,9	5/16	11/16	16	29	29	22	630	9137
F90ORFS06060P	6	9,5	3/8	9/16	18	32,5	44	19	630	9137
F90ORFS06090P	6	9,5	3/8	11/16	16	36	29	22	630	9137
F90ORFS06110P	6	9,5	3/8	13/16	16	34	32	24	630	9137
F90ORFS08090P	8	12,5	1/2	11/16	16	40,5	51	22	630	9137
F90ORFS08110P	8	12,5	1/2	13/16	16	37,5	36	24	630	9137
F90ORFS08130P	8	12,5	1/2	1	14	39	39	30	420	6091
F90ORFS08140P	8	12,5	1/2	1 3/16	12	38	41	36	420	6091
F90ORFS10130P	10	16	5/8	1	14	51,5	43,5	30	420	6091
F90ORFS10140P	10	16	5/8	1 3/16	12	46,5	48	36	420	6091
F90ORFS10150P	10	16	5/8	1 7/16	12	47	53	41	420	6091
F90ORFS12140P	12	19	3/4	1 3/16	12	56	49	36	420	6091
F90ORFS12150P	12	19	3/4	1 7/16	12	56,5	54	41	420	6091
F90ORFS16140P	16	25,4	1	1 3/16	12	70	85	36	420	6091
F90ORFS16150P	16	25,4	1	1 7/16	12	74	59,5	41	420	6091
F90ORFS16210P	16	25,4	1	1 11/16	12	71	64	50	420	6091
F90ORFS20210P	20	31,8	1 1/4	1 11/16	12	90	75,5	50	420	6091
F90ORFS24320P	24	38,1	1 1/2	2	12	99	84	60	350	5076

* Crimped nut - Dado pinzato

ONE-PIECE ORFS FEMALE SWIVEL - 90° ELBOW - LONG DROP

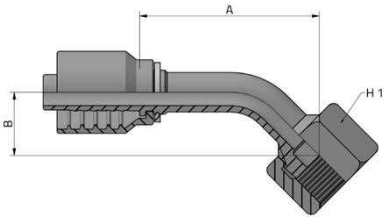
FEMMINA 90° ORFS LONG DROP



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F90ORFS0406LDOP	4	6,4	1/4	9/16	18	26,5	45	17	630	9137
F90ORFS0409LDOP	4	6,4	1/4	11/16	16	30	49	22	630	9137
F90ORFS0609LDOP	6	9,5	3/8	11/16	16	32	51,5	22	630	9137
F90ORFS0611LDOP	6	9,5	3/8	13/16	16	36	51	24	630	9137
F90ORFS0811LDOP	8	12,5	1/2	13/16	16	37,5	63	24	630	9137
F90ORFS0813LDOP	8	12,5	1/2	1	14	37	64	30	420	6091
F90ORFS1013LDOP	10	16	5/8	1	14	45	63	30	420	6091
F90ORFS1014LDOP	10	16	5/8	1 3/16	12	45	71	36	420	6091
F90ORFS1214LDOP	12	19	3/4	1 3/16	12	51	90	36	420	6091
F90ORFS1615LDOP	16	25,4	1	1 7/16	12	69	108	41	420	6091

ONE-PIECE ORFS FEMALE SWIVEL - 45° ELBOW

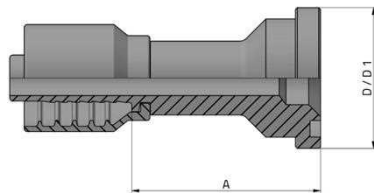
FEMMINA 45° ORFS



Code	D.N.	Hose size mm	Hose size inch	T inch	T/1 inch	A mm	B mm	H1 mm	PN bar	PN psi
F45ORFS04060P	4	6,4	1/4	9/16	18	45	15	17	630	9137
F45ORFS04090P	4	6,4	1/4	11/16	16	45,5	15,5	22	630	9137
F45ORFS04110P	4	6,4	1/4	13/16	16	49	18	24	630	9137
F45ORFS05060P	5	7,9	5/16	9/16	18	47	23	19	630	9137
F45ORFS05090P	5	7,9	5/16	11/16	16	46	15,5	22	630	9137
* F45ORFS06060P	6	9,5	3/8	9/16	18	55	24	19	630	9137
F45ORFS06090P	6	9,5	3/8	11/16	16	51	13	22	630	9137
F45ORFS06110P	6	9,5	3/8	13/16	16	52	17	24	630	9137
F45ORFS08090P	8	12,5	1/2	11/16	16	72	26	22	630	9137
F45ORFS08110P	8	12,5	1/2	13/16	16	58	18	24	630	9137
F45ORFS08130P	8	12,5	1/2	1	14	61	20	30	420	6091
F45ORFS08140P	8	12,5	1/2	1 3/16	12	62	24	36	420	6091
F45ORFS10130P	10	16	5/8	1	14	55	20	30	420	6091
F45ORFS10140P	10	16	5/8	1 3/16	12	57	21	36	420	6091
F45ORFS12140P	12	19	3/4	1 3/16	12	58	23	36	420	6091
F45ORFS12150P	12	19	3/4	1 7/16	12	62,5	27	41	420	6091
F45ORFS16140P	16	25,4	1	1 3/16	12	96,5	43	36	420	6091
F45ORFS16150P	16	25,4	1	1 7/16	12	81	26	41	420	6091
F45ORFS16210P	16	25,4	1	1 11/16	12	83	28	50	420	6091
F45ORFS20210P	20	31,8	1 1/4	1 11/16	12	93	34	50	420	6091
F45ORFS24320P	24	38,1	1 1/2	2	12	112	45	60	350	5076

ONE-PIECE FLANGE CODE 61 - 3000 PSI

FLANGIA 3000 PSI



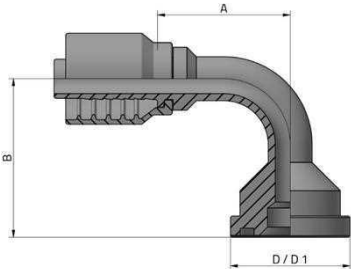
Code	D.N.	Hose size mm	Hose size inch	A mm	D inch	D1 mm	PN bar	PN psi
FDL0808IOP	8	12,5	1/2	49,2	1/2	30,2	350	5076
* FDL0810IOP	8	12,5	1/2	48	5/8	34	350	5076
FDL0812IOP	8	12,5	1/2	51,5	3/4	38,1	350	5076
FDL1008IOP	10	16	5/8	42,3	1/2	30,2	350	5076
* FDL1010IOP	10	16	5/8	52,3	5/8	34	350	5076
FDL1012IOP	10	16	5/8	48,3	3/4	38,1	350	5076
FDL1208IOP	12	19	3/4	47,2	1/2	30,2	350	5076
FDL1212IOP	12	19	3/4	47,5	3/4	38,1	350	5076
FDL1216IOP	12	19	3/4	50,2	1	44,5	350	5076
FDL1220IOP	12	19	3/4	68,2	1 1/4	50,8	210	3046
FDL1612IOP	16	25,4	1	48	3/4	38,1	280	4061
FDL1616IOP	16	25,4	1	50	1	44,5	280	4061
FDL1620IOP	16	25,4	1	68	1 1/4	50,8	280	4061
FDL2016IOP	20	31,8	1 1/4	56,5	1	44,5	210	3046
FDL2020IOP	20	31,8	1 1/4	64,5	1 1/4	50,8	210	3046
FDL2024IOP	20	31,8	1 1/4	69,5	1 1/2	60,3	210	3046
FDL2420IOP	24	38,1	1 1/2	70,5	1 1/4	50,8	185	2683
FDL2424IOP	24	38,1	1 1/2	69,5	1 1/2	60,3	185	2683
FDL2432IOP	24	38,1	1 1/2	72	2	71,4	185	2683
FDL3232IOP	32	50,8	2	73	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

ONE-PIECE FLANGE CODE 61 - 3000 PSI - 90° ELBOW

FLANGIA 90° SAE J518 3000 PSI INTERA



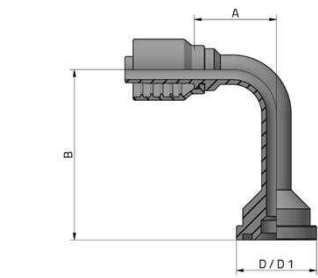
Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90L0808IOP	8	12,5	1/2	39	43	1/2	30,2	350	5076
* F90L0810IOP	8	12,5	1/2	39	47	5/8	34	350	5076
F90L0812IOP	8	12,5	1/2	39	50	3/4	38,1	350	5076
F90L1008IOP	10	16	5/8	49	49	1/2	30,2	350	5076
* F90L1010IOP	10	16	5/8	49	52	5/8	34	350	5076
F90L1012IOP	10	16	5/8	49	55	3/4	38,1	350	5076
F90L1208IOP	12	19	3/4	57	52	1/2	30,2	350	5076
F90L1212IOP	12	19	3/4	57	58	3/4	38,1	350	5076
F90L1216IOP	12	19	3/4	57	62	1	44,5	350	5076
F90L1220IOP	12	19	3/4	57	67	1 1/4	50,8	210	3046
F90L1612IOP	16	25,4	1	77	60	3/4	38,1	280	4061
F90L1616IOP	16	25,4	1	77	64	1	44,5	280	4061
F90L1620IOP	16	25,4	1	77	70	1 1/4	50,8	280	4061
F90L2016IOP	20	31,8	1 1/4	89	82	1	44,5	210	3046
F90L2020IOP	20	31,8	1 1/4	89	87	1 1/4	50,8	210	3046
F90L2024IOP	20	31,8	1 1/4	89	88	1 1/2	60,3	210	3046
F90L2424IOP	24	38,1	1 1/2	101	102	1 1/2	60,3	185	2683
F90L2432IOP	24	38,1	1 1/2	101	118	2	71,4	185	2683
F90L3232IOP	32	50,8	2	144	120	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

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

FLANGIA A 90° INTERA SAE 3000 LONG DROP

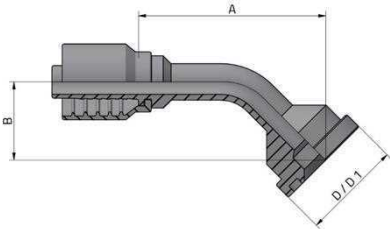


Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F90L1212ILDOP	12	19	3/4	57	96,8	3/4	38,1	350	5076
F90L1216ILDOP	12	19	3/4	57	134,5	1	44,5	350	5076
F90L1616ILDOP	16	25,4	1	77	115,5	1	44,5	280	4061
F90L2020ILDOP	20	31,8	1 1/4	89	114,2	1 1/4	50,8	210	3046
F90L2424ILDOP	24	38,1	1 1/2	101	131,4	1 1/2	60,3	185	2683

Without o-ring / senza o-ring

ONE-PIECE FLANGE CODE 61 - 3000 PSI - 45° ELBOW

FLANGIA 45° SAE J518 3000 PSI INTERA



Code	D.N.	Hose size mm	Hose size inch	A mm	B mm	D inch	D1 mm	PN bar	PN psi
F45L0808IOP	8	12,5	1/2	63	23	1/2	30,2	350	5076
* F45L0810IOP	8	12,5	1/2	68	25	5/8	34	350	5076
F45L0812IOP	8	12,5	1/2	68	28	3/4	38,1	350	5076
F45L1008IOP	10	16	5/8	59	26	1/2	30,2	350	5076
* F45L1010IOP	10	16	5/8	63	30	5/8	34	350	5076
F45L1012IOP	10	16	5/8	63	30	3/4	38,1	350	5076
F45L1208IOP	12	19	3/4	63	28	1/2	30,2	350	5076
F45L1212IOP	12	19	3/4	67	32	3/4	38,1	350	5076
F45L1216IOP	12	19	3/4	70	35	1	44,5	350	5076
F45L1220IOP	12	19	3/4	72	38	1 1/4	50,8	210	3046
F45L1612IOP	16	25,4	1	83	35	3/4	38,1	280	4061
F45L1616IOP	16	25,4	1	86	32	1	44,5	280	4061
F45L1620IOP	16	25,4	1	90	36	1 1/4	50,8	280	4061
F45L2016IOP	20	31,8	1 1/4	96	36	1	44,5	210	3046
F45L2020IOP	20	31,8	1 1/4	100	43	1 1/4	50,8	210	3046
F45L2024IOP	20	31,8	1 1/4	101	44	1 1/2	60,3	210	3046
F45L2424IOP	24	38,1	1 1/2	112	41	1 1/2	60,3	185	2683
F45L2432IOP	24	38,1	1 1/2	123	52	2	71,4	185	2683
F45L3232IOP	32	50,8	2	148	59	2	71,4	170	2466

* Komatsu flange / Flangia Komatsu

Do Not Include O-Ring / O-Ring Non Compresso

Selecting the appropriate hydraulic hose is fundamental for achieving a safe, efficient, and durable system.

Our products are meticulously engineered based on extensive industrial experience and advanced technology. However, their optimal performance and safety depend critically on careful consideration of your specific application and adherence to best practices.

Essential Considerations for Hose Selection and Use: The suitability of any hose is shaped by numerous factors, including the precise installation environment, the required curvature, and the chosen coupling combination. It is paramount to verify the compatibility of the fluid medium with the hose's inner liner. Always ensure the selected product is fully appropriate for your application's specific demands.

- **Fluid Compatibility:** The use of inappropriate or incompatible fluids can severely degrade the hose's internal components, potentially leading to leaks or catastrophic system failure. For any new or untested media, or for applications not clearly described in our product literature, always seek expert consultation.
- **Pressure and Temperature Limits:** Strict adherence to the maximum working pressure and the recommended temperature range specified for each hose is non-negotiable. Exceeding these operational limits can drastically shorten the hose's service life and significantly increase the risk of rupture or coupling blow-off.
- **Bend Radius:** Avoiding excessively tight bends is crucial to prevent premature wear and potential failures. Always respect the minimum bending radius stipulated for each hose type and size. Utilizing appropriate adapters or spring guards can help maintain the correct curvature during installation.
- **Coupling Assembly:** Correctly tightening couplings to the recommended torque is critical for system integrity. Under-tightening can result in leaks, while over-tightening may lead to over-stressing or cracking, compromising the safety and reliability of the entire assembly.

SAFETY NOTES

Prioritizing Safety in Operation: Hydraulic systems operate under considerable pressure, demanding rigorous attention to safety to prevent serious injury, property damage, or even fatalities.

- **Pressurized Fluid Hazards:** Highly pressurized fluid escaping through even a tiny pinhole can be nearly invisible yet possess immense force, capable of penetrating skin and other tissues, leading to severe injury. Hot fluids or chemicals pose a risk of severe burns, and an uncontrolled release of pressurized fluids can unleash tremendous explosive force. Many hydraulic fluids are also highly flammable.
- **Personal Protection:** Always position a shield between yourself and pressurized hydraulic lines, or ensure pressure is shut off before working nearby. Wear safety glasses. Never use your hands to check for leaks or touch a pressurized hydraulic hose assembly. If fluid penetrates the skin, even without immediate pain, it constitutes a serious medical emergency requiring immediate medical attention to prevent severe, irreversible consequences, including loss of the injured body part or death.
- **Electrical Conductivity:** Be aware that many hydraulic hoses are electrically conductive. For applications where electrical conductivity is undesirable, such as near live electrical power lines, non-conductive thermoplastic hoses must be specified and used.
- **Protect Against External Factors:** Safeguard hose assemblies from abrasion, impacts, excessive external force, tension, or twisting. Avoid prolonged negative pressure within the hose, as this can damage the inner tube and cause leakage.
- **Remove Trapped Air:** Ensure all air is thoroughly purged from inside the hose during installation to prevent damage to the inner tube and potential failures.

Installation, Maintenance, and Storage for Extended Life: A proactive approach to maintenance, coupled with correct installation and storage, is paramount for maximizing the service life and ensuring the safety of your hydraulic hoses.

- **Regular Inspections:** Implement a comprehensive program of regular inspection, testing, and timely replacement. Only properly trained personnel should routinely check for any signs of damage, such as swelling, exposed reinforcement, or mechanical alterations like sharp bending. Adjust your replacement cycles based on specific operating conditions, including frequency of use and severity of the application, as unfavorable conditions (e.g., maximum pressure, temperature, minimum bending radius) can significantly reduce product lifespan. Document all maintenance, inspections, and testing.
- **Storage and Handling:** Store hoses in dry conditions, within a temperature range of -10°C to $+40^{\circ}\text{C}$, away from direct sunlight, noxious gases, oils, and chemicals. All products must be stored, handled, and maintained in accordance with our instructions and recognized industry standards like DIN 7716:1982.
- **No Repairs or Modifications:** For safety reasons and to maintain specified performance, our hoses should never be repaired or remodelled.
- **Component Compatibility:** For optimal safety and reliability, we strongly recommend using our hoses exclusively with fittings specified and tested for them, and to follow all our assembly recommendations. The use of components from different manufacturers, or those not explicitly validated for compatibility with our products, is not recommended and may lead to unreliable or unsafe assemblies. A simple burst or pressure test cannot fully determine the suitability of a hose and coupling combination.

Staying Informed: Our products are subject to continuous development and improvement. Information contained in our catalogs and data-sheets may be updated without prior notice.

To ensure you always have access to the most current product and safety information, please visit our website regularly or contact one of our specialist dealers or application engineers for specific advice.

Please note, our products are not suitable for use in airplanes or other aerial vehicles under any circumstance.

GENERAL WARRANTY CONDITIONS

1. NATURE OF THE WARRANTY

Vitillo S.p.A. warrants that the Products Supplied to the Purchaser:

- comply with the agreed Product Specifications;
- comply with the technical regulations currently in force in the European Union;
- are free from design and manufacturing defects;
- are fit for their normal intended purpose;
- do not infringe the intellectual property rights of third parties.

Furthermore, The Supplier guarantees that it has full and valid title to the Products and undertakes to deliver them free from any encumbrance.

2. WARRANTY PERIOD

The warranty shall apply for a period of 24 months from the date of delivery of the Product to the Purchaser.

3. WARRANTY SERVICE

The warranty service consists of the complete replacement or repair of the defective and/or faulty part. In the event of repair, the Purchaser shall send the defective Product at its own expense to the headquarters or branch indicated by the Supplier. The Supplier shall send the new Product or the repaired Product to the Purchaser, bearing the shipping costs. This warranty only covers the replacement or repair of defective Products, excluding any further and different obligations.

In order to obtain the warranty service, the Purchaser must report the fault and/or defect or malfunction in writing within 8 days of receipt of the Product for apparent and obvious faults and/or defects, and within 8 days of the date of discovery of the faults and/or defects for hidden or not easily recognizable faults and/or defects, under penalty of forfeiture of the right.

The complaint must be notified to the Supplier by email to the Supplier's Customer Service, specifying the nature and extent of the faults and/or defects in detail. If no complaint is sent by the Purchaser to the Supplier within this strict deadline, the Product shall be deemed to have been automatically accepted.

The Supplier shall send the Purchaser written notification of receipt of the complaint within 3 business days and undertakes to respond within 30 business days of receipt of the complaint.

The Purchaser shall consult with the Supplier in advance on the actions to be taken in relation to any intervention under the Warranty.

Any replacement of components or parts of the Product carried out during the warranty period shall not renew the expiry of the warranty on the Product as a whole nor extend its expiry date, without prejudice to the separate warranty on the replaced component or part.

The replacement of the entire Product shall entitle the Purchaser to a renewal of the contractual warranty for the entire period provided for.

GENERAL WARRANTY CONDITIONS



4. LIABILITY

The Supplier's liability shall in no case extend to the obligation to reimburse the costs of dismantling, assembly or transport or to pay compensation or indemnity for machine downtime, line downtime or damage of any kind, whether direct or indirect, including to third parties.

For conformity defects relating to goods supplied to an end consumer, no compensation or damages of any kind shall be payable by the Supplier, except in cases of willful misconduct or gross negligence and/or where liability cannot be excluded under mandatory law.

5. WARRANTY EXCLUSIONS

The warranty shall not apply and shall not be valid, by way of example and without limitation, when: ■ the Products have been used incorrectly, modified, damaged, stored in an unsuitable environment or subjected to incorrect maintenance, or whose malfunction is due to products not supplied by the Supplier;

- the Products have been repaired without prior written authorization from the Supplier;
- the defects have occurred for reasons attributable to the Purchaser or caused by errors, omissions, design characteristics or other shortcomings in the technical documentation provided by the Purchaser to the Supplier;

- the Products have not been assembled and stored in accordance with the Supplier's technical specifications and in compliance with current regulations;
- in the case of normal wear and tear of the Product;
- in the event that the Warranty Period for such Products has already expired.

6. PLACE OF JURISDICTION AND APPLICABLE LAW

For any dispute arising from or related to these General Warranty Conditions, including, but not limited to, disputes relating to their existence, validity, interpretation, effectiveness, and execution, the Court of Benevento shall have exclusive jurisdiction, even if the Contract contains international elements, without prejudice to the mandatory provisions of the Consumer Code.

These General Warranty Conditions are entirely subject to Italian law and interpreted in accordance with it, even if the Contract has international elements.

We feel better under pressure

Vitillo

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