


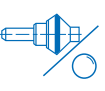
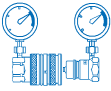


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Inter-changeable with similar models	Steel	1/4" & 3/8"	70 MPa	-30°C + 110°C (NBR seal) -30°C + 80°C (polyurethane seal)	NBR (1/4") Polyurethane (3/8")	Screw-to-connect	Ball or poppet	No	Screw mechanism	NPTF

Main characteristics

- High pressure coupler up to **70 MPa**
- Interchangeable with similar products
- Screw locking mechanism
- Ball or poppet valving

Applications

- Portable hydraulic rams
- Hydraulic jacks, rams and clamping devices
- Clamping hand tools
- Rescue equipment



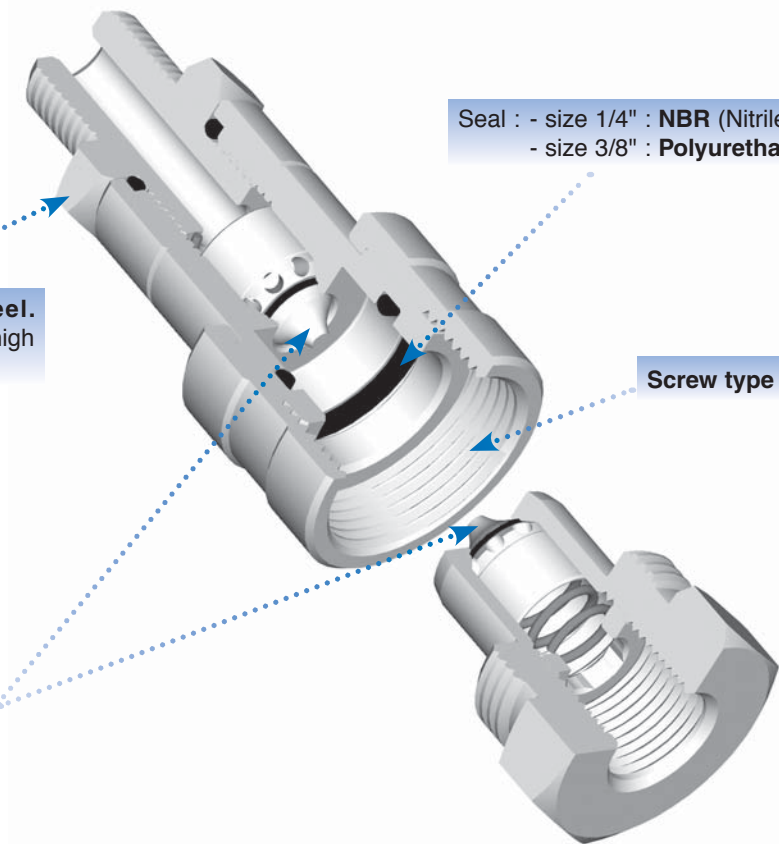
Technical features

Chrome 6 free plated steel.
Female body and nipple are in high strength steel to prolong life

Seal : - size 1/4" : **NBR** (Nitrile)
- size 3/8" : **Polyurethane**

Screw type locking mechanism

Ball or poppet valving.
(as per chart on page 26)



It is possible to connect a male tip with a ball valving and a female body with a poppet valving, and vice-versa. Be careful ! Couplers should be pressurized only when completely connected and should not be coupled or uncoupled when pressurized.

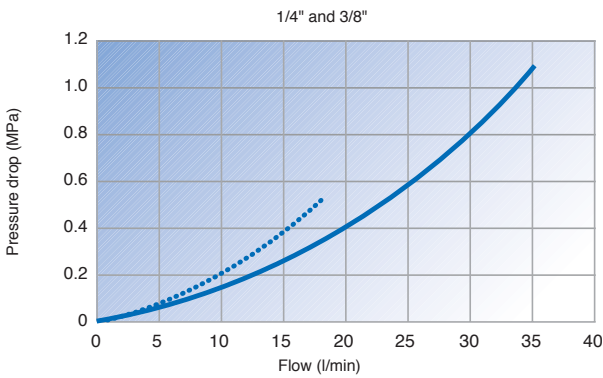
Technical performance data

Body size inch	Temperature range	Max. operating pressure (static) MPa
1/4"	-30°C +110°C	70
3/8"	-30°C +80°C	70

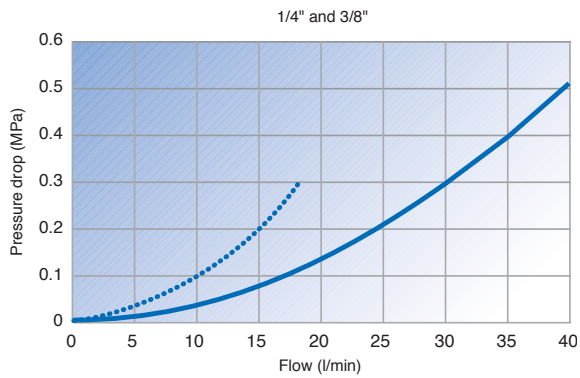
Pressure drop

Test with oil viscosity 43 cSt at 38°C.

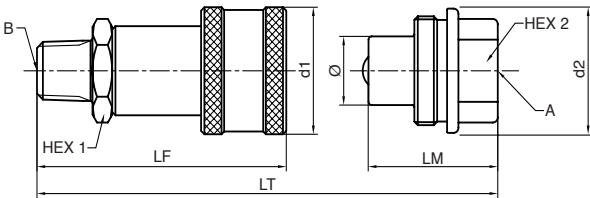
Ball valving



Poppet valving



Dimensions and part numbers



Body size inch	Thread A female	Thread B male	d1 mm	Hex 1	LF mm	d2 mm	Hex 2	LM mm	LT connected mm	Ø mm	Valving Ball Poppet	Part number female body	Weight gr./piece	Part number male tip	Weight gr./piece
1/4"	1/4	1/4	28.6	13/16"	60.5	28.6	19	31.2	72.6	15.8	● ●	3050-2	115	3010-2	70
	1/4	1/4	29.0	22	60.5	31.0	27	32.0	73.7	15.8	● ●	3050-2P	121	3010-2P	85
3/8"	3/8	3/8	35.0	1"	71.9	31.8	15/16"	38.1	84.7	19.0	● ●	3050-3	220	3010-3	115
	3/8	3/8	35.0	1"	73.0	36.8	32	35.1	82.8	19.0	● ●	3050-3P	225	3010-3P	110

NPTF thread

Dust caps and plugs



Body size inch	Dust plug part number for female body	Dust cap part number for male tip
1/4"	3005-2	3009-2
3/8"	3005-3	3009-3

Replacement seals



Body size inch	Material	O-ring seal part number
1/4"	NBR (Nitrile)	JT020114N0552
3/8"	Polyurethane	JT01U28-18.72QE