

Applications

- Waterblast:** Surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning, ultra high-pressure waterjet cutting and hydro demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)
- Hydraulics:** Pressure test equipment (valves, tooling and control panels)
- Oil and Gas:** Gaseous media handling



Technical Information

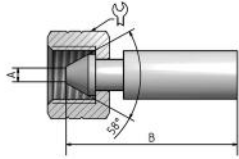
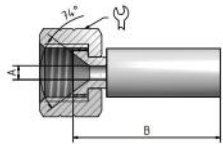
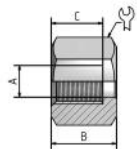
- Inner Core:** Polyoxymethylene (POM)
- Pressure Support:** 8 layers of high-tensile steel wire
- Outer Cover:** Polyamide (PA)
- Color:** Chrome yellow
- Temperature:** -30°C to +60°C [-22°F to 140°F]

Ø ID	Ø OD	Working Pressure -- (SF 2.5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
15,9 mm	31,8 mm	--	2.000 bar	400 mm	2,523 kg/m	10,5 mm
0,63 inch	1,25 inch	--	29.000 psi	15,75 inch	1,690 lbs/ft	0,41 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
Sleeve							
11680242	-	Steel	35	72	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
HP fitting								
41660114C	M18x1,5 LH	Stainless steel	-	10,5	141	28	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Female swivel with O-Ring
				A	B	C	⚙	
21660104C	M30x2	Stainless steel	51640201	10,5	98	-	41	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
Type M female swivel								
21660604C	I 5/16"x12UN	Stainless steel	52040645	10,5	100	-	46	
JIC female swivel								
21660644C	I 5/16"x12UN	Stainless steel	52040605	10,5	94	-	46	
Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	⚙	
Swivel nut								
52040605	I 5/16"x12UN	AISI 316Ti	I radial	25,5	34,5	14,5	46	
52040645	I 5/16"x12UN	AISI 316Ti	I radial	25,5	31,5	11,5	46	
51640201	M30x2	Steel	I radial	20,5	28	15	41	

Production related variations of the burst pressure of up to 5 % are possible. Other colors upon request.

The safety factors between the burst pressure and the working pressure as well as the test pressure depend on the operating conditions. For gaseous media the outer cover is to be pinpricked.

Regarding the safety factor for gaseous media please contact your local SPIR STAR® assembling center.

The indicated working pressure refers to the hose only. Depending on the used fitting the permitted working pressure of a hose assembly may be less.

*) Blast-Pro® fittings may only be used for tube cleaning operations inside the tube. They have not been designed for the use outside of tubes.

We reserve our rights for technical changes without notice. Subject to printing errors.