

Applications

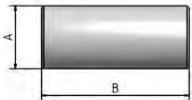
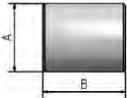
Waterblast:	Heat exchanger tube cleaning, surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning
Hydraulics:	Pressure test equipment (valves, tooling and control panels)
Oil and Gas:	Grease injection, chemical injection, nitrogen service, Gaseous media handling

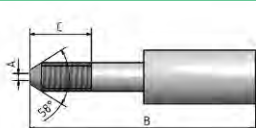


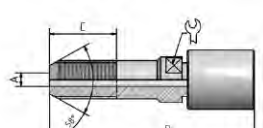
Technical Information

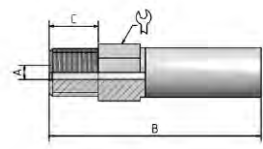
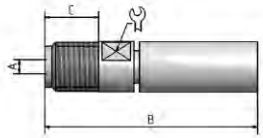
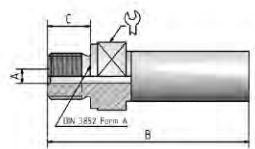
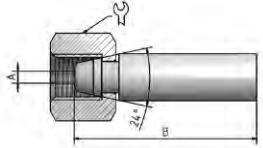
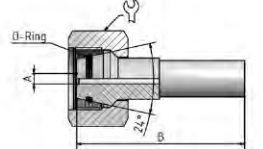
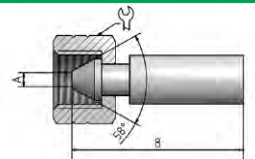
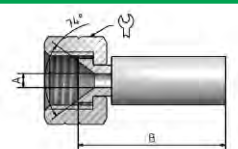
Inner Core:	Polyoxymethylene (POM)
Pressure Support:	4 layers of high-tensile steel wire
Outer Cover:	Polyamide (PA)
Color:	Blue
Temperature:	-30°C to +70°C [-22°F to 158°F]

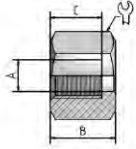
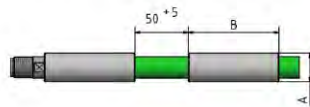
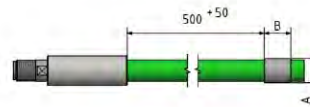
Ø ID	Ø OD	Working Pressure -- (SF 2.5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
8,0 mm	14,6 mm	--	1.500 bar	200 mm	0,390 kg/m	4,5 mm
0,31 inch	0,57 inch	--	21.750 psi	7,87 inch	0,261 lbs/ft	0,18 inch

Part no.	Thread	Material	Dimensions (mm)					Sleeve
			A	B	C			
Sleeve								
I0840102	-	Steel	20,2	56,5	-	-		
I0840105	-	AISI 316	20,2	58	-	-		
Blast-Pro® sleeve								
I0840142	-	Steel	17,1	29	-	-		

				Dimensions (mm)				Insert
Part no.	Thread	Material	Nut	A	B	C		
HP fitting								
40840205B	9/16"x18UNF LH	AISI 316	-	4,5	108,5	24	-	

Part no.	Thread	Material	Sleeve	Dimensions (mm)				Blast-Pro® Insert*
				A	B	C		
Blast-Pro® MP male								
40840244Y	9/16"x18UNF LH	Stainless steel	I0840142	5	75	25	15	

Part no.	Thread	Material	Nut	Dimensions (mm)					Insert
				A	B	C			
Male fitting									
30840411B	1/4"x18NPTF	Steel	-	4,5	84	15,2	14		
30840401B	3/8"x18NPTF	Steel	-	4,5	82	15,3	17		
30840341B	G1/4"	Steel	-	4,5	76	12	14		
Male fitting flat seal									
30840311B	G1/4"	Steel	-	4,5	83	15	14		
Male fitting DIN3852 T2 form A									
30840301B	G3/8"	Steel	-	4,5	83	12	22		
Universal female swivel 24°/60°									
20840301B	G3/8"	Steel	50860301	4,5	72	-	24		
20840305B	G3/8"	AISI 316	50840305	4,5	72	-	24		
Female swivel with O-Ring									
20840201B	M20x1,5	Steel	50860201	4,5	77	-	27		
20840231B	M22x1,5	Steel	51060201, 51060205	4,5	79	-	30		
20840221B	M24x1,5	Steel	51321206, 51320205	4,5	85	-	32		
Type M female swivel									
20840641B	3/4"x16UNF	Steel	50840601	4,5	73	-	24		
20840645B	3/4"x16UNF	AISI 316	50840605	4,5	73	-	24		
JIC female swivel									
20840605B	3/4"x16UNF	AISI 316	50840605	4,5	68	-	24		

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C		
Swivel nut								
50840601	3/4"x16UNF	Steel	1 radial	12,2	22,5	17,5	24	
50840605	3/4"x16UNF	AISI 316	1 radial	12,2	22,5	17,5	24	
50860301	G3/8"	Steel	1 radial	12,5	18,5	15,5	24	
50840305	G3/8"	AISI 316	1 radial	12,2	18,5	13,5	24	
50860201	M20x1,5	Steel	1 radial	12,2	22	12	27	
51060201	M22x1,5	Steel	2 axial	14,2	23	14	30	
51060205	M22x1,5	AISI 316	2 axial	14,2	25	14	30	
51321206	M24x1,5	Steel	2 axial	16,8	23	16	32	
51320205	M24x1,5	AISI 316	1 radial	16,8	23	16	32	
Part no.	Thread	Material		Dimensions (mm)				Tube cleaning accessories
				A	B	C		
Stop sleeve								
I.84108401B	-	Steel	-	20,1	58	-	-	
I.84108401Y	-	Steel	-	17,1	29	-	-	
Marking ring								
I.851720.5	-	AISI 316	-	17,6	10	-	-	

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.