



Applications

- Waterblast:** Heat exchanger tube cleaning
- Hydraulics:** Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)
- Oil and Gas:** Grease injection, control of subsea hydraulic components



Technical Information

- Inner Core:** Polyamide (PA)
- Pressure Support:** 2 open layers, 2 dense layers of high-tensile steel wire
- Outer Cover:** Polyurethane (TPU)
- Color:** Black
- 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
6,0 mm	12,0 mm	--	1.280 bar	95 mm	0,230 kg/m	4,0 mm
0,24 inch	0,47 inch	--	18.560 psi	3,74 inch	0,154 lbs/ft	0,16 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
Sleeve							
10630191W	-	Steel	15,4	41,3	-	-	
10630195W	-	AISI 316	15,4	40,5	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
HP fitting								
40620205A	9/16"x18UNF LH	AISI 316	-	4	95	24	-	
Male fitting								
30620411A	1/8"x27NPTF	Steel	-	4	58	10	12	
30620401A	1/4"x18NPTF	Steel	-	4	68	14	14	
30620405A	1/4"x18NPTF	AISI 316	-	4	68	14	14	
30620451A	3/8"x18NPTF	Steel	-	4	64	14	17	
30620041A	M10x1	Steel	-	4	65	12	12	
30620311A	G1/8"	Steel	-	4	59	10	9	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	Ø	
Male fitting 60° internal cone								
30620341A	G1/4"	Steel	-	4	62,5	12	14	
30620321A	G3/8"	Steel	-	4	60,5	12	17	
Male fitting 100° external cone								
30620361A	G1/4"	Steel	-	4	67	18	17	
Male fitting for USIT® Ring								
30620391A	G1/4"	Steel	-	4,0	61	11	22	
30620351A	G3/8"	Steel	-	4	61	11	24	
Male fitting flat seal								
30620381A	G1/4"	Steel	-	4	66	15	12	
Male fitting DIN3852 T2 form A								
30620301A	G1/4"	Steel	-	4	64	12	19	
Female fitting NPT/NPTF								
30620441A	1/4"x18NPTF	Steel	-	4	66,5	20	19	
Universal female swivel 24°/60°								
20620301A	G1/4"	Steel	50540301	4	55	-	19	
20620305A	G1/4"	AISI 316	50540305	4	55	-	19	
Universal female swivel 24°/60° light								
20620101A	M14x1,5	Steel	50540101	4	55	-	19	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	Ø	
Universal female swivel 24°/60° heavy								
20620141A	M16x1,5	Steel	50620121	4	56	-	19	
20620145A	M16x1,5	AISI 316	50620125	4	56	-	19	
Female swivel with O-Ring								
20620241A	M18x1,5	Steel	50620201	4	65	-	22	
20620211A	M22x1,5	Steel	51060201, 51060205	4	75	-	30	
20620042A	M24x1,5	Steel	51321206	4	73	-	32	
Type M female swivel								
20620641A	9/16"x18UNF	Steel	50540601	4	57	-	19	
20620645A	9/16"x18UNF	AISI 316	50540605	4	57	-	19	
JIC female swivel								
S20630615A	9/16"x18UNF	AISI 316	S5063615	4	53	-	19	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	Ø	
Swivel nut								
50540601	9/16"x18UNF	Steel	1 radial	9,2	18	14	19	
50540605	9/16"x18UNF	AISI 316	1 radial	9,2	18	14	19	
S5063615	9/16"x18UNF	AISI 316	1 radial	9,5	18	14	19	
50540301	G1/4"	Steel	1 radial	9,2	16,5	8,5	19	
50540305	G1/4"	AISI 316	1 radial	9,2	16,5	8,5	19	
50540101	M14x1,5	Steel	1 radial	9,2	16,5	8,5	19	
50620121	M16x1,5	Steel	1 radial	9,2	17,5	10	19	
50620125	M16x1,5	AISI 316	1 radial	9,5	17,5	10	19	
50620201	M18x1,5	Steel	1 radial	9,2	22	12	22	
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	

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.

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