

## 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), hydroforming



## Technical Information

**Inner Core:** Polyoxymethylene (POM)  
**Pressure Support:** 8 layers of high-tensile steel wire  
**Outer Cover:** Polyamide (PA)  
**Color:** Orange  
**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
4,5 mm	15,3 mm	--	3.200 bar	250 mm	0,693 kg/m	2,5 mm
0,18 inch	0,60 inch	--	46.400 psi	9,84 inch	0,464 lbs/ft	0,10 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
<b>Sleeve</b>							
10580116	-	Steel	19,7	68,8	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
<b>HP fitting</b>								
40560294E	1/4"x28UNF LH	Stainless steel	-	2,5	99	14,3	-	
40560284E	3/8"x24UNF LH	Stainless steel	-	3,2	112	19,1	-	
40560264E	9/16"x18UNF LH	Stainless steel	-	4,8	124	23,8	-	
40560274E	M14x1,5 LH	Stainless steel	-	4,8	124	23,8	-	

<b>Universal female swivel 24°/60°</b>								
20560314E	G1/4"	Stainless steel	50560301	2,5	84	-	22	

<b>Universal female swivel 24°/60° light</b>								
20560164E	M14x1,5	Stainless steel	50540101	2,5	76	-	19	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
<b>Type M female swivel</b>								
20560694E	9/16"x18UNF	Stainless steel	50560605, 50560601	2,5	77	-	22	
<b>HP female swivel</b>								
20560614E	9/16"x18UNF	Stainless steel	50560605, 50560601	2,5	73	-	22	
Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	⌀	
<b>Swivel nut</b>								
50560601	9/16"x18UNF	Steel	I radial	9,2	18	14	22	
50560605	9/16"x18UNF	AISI 316	I radial	9,2	18	14	22	
50560301	G1/4"	Steel	I radial	9,2	19	11	22	
50540101	M14x1,5	Steel	I radial	9,2	16,5	8,5	19	
Part no.	Thread	Material	Dimensions (mm)				Tube cleaning accessories	
			A	B	C	⌀		
<b>Stop sleeve</b>								
1.84105801E	-	Steel	-	19,7	69	-	-	
<b>Marking ring</b>								
1.851720.5	-	AISI 316	-	18,3	10	-	-	

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.