

## Applications

**Waterblast:** Heat exchanger tube cleaning, ultra high-pressure waterjet cutting and hydro demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)

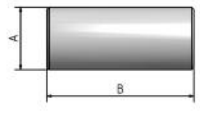
**Hydraulics:** Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

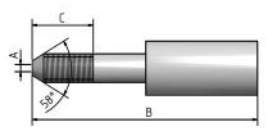


## Technical Information

**Inner Core:** Polyoxymethylene (POM)  
**Pressure Support:** 6 layers of high-tensile steel wire  
**Outer Cover:** Polyamide (PA)  
**Color:** Blue  
**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
3,0 mm	9,1 mm	--	2.800 bar	150 mm	0,222 kg/m	1,8 mm
0,12 inch	0,36 inch	--	40.600 psi	5,91 inch	0,149 lbs/ft	0,07 inch

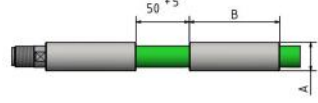
Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
10360102	-	Steel	15,3	32,5	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
40360204C	1/4"x28UNF LH	Stainless steel	-	2,1	68	14,3	-	
40360224C	3/8"x24UNF LH	Stainless steel	-	1,8	76	20	-	

Part no.	Thread	Material	Dimensions (mm)			M	Tube cleaning accessories
			A	B	C		

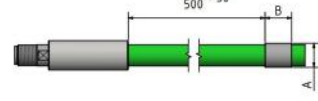
<b>Stop sleeve</b>							
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1.84103601C	-	Steel	-	15,3	33	-	-
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<b>Marking ring</b>							
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1.851215.5	-	AISI 316	-	12,1	10	-	-
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Part no.	Size (mm)	Material	Crimp ring	Hose protection
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<b>Hose protection without spiral</b>				
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1.901621	ID Ø16, OD Ø21	PVC	1002224	
1.902026	ID Ø20, OD Ø26	PVC	-	

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
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<b>Hose securing grip short version</b>					
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9034400	600,00	740,00	6,60	6-10	
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Accessories combinations					
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<b>Without hose protection</b>					
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Description	Bend restrictor	Crimp ring	Securing grips
Securing grip	-	-	9034400

<b>Hose protection without spiral</b>					
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Description	Protection hose	Bend restrictor	Crimp ring	Securing grips
Protection hose	1.901621	-	1002224	-
with securing grip	1.902026	-	-	9034400

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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