Hose Type 3/4

34001

ID3 - Series: B

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)

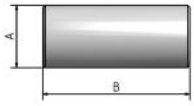
Technical Information

Inner Core: Polyoxymethylene (POM)
Pressure Support: 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 --	Working Pressure (SF 2,5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
3,4 mm	8,0 mm	--	2.000 bar	5.000 bar	110 mm	0,135 kg/m	2,0 mm
0,13 inch	0,31 inch	--	29.000 psi	72.500 psi	4,33 inch	0,090 lbs/ft	0,08 inch

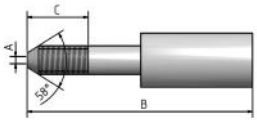
Sleeve

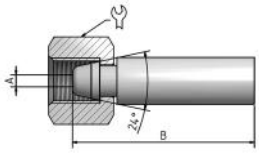
Part no.	Thread	Material	Dimensions (mm) A	B	C	
Sleeve						
10340102	-	Steel	12,1	43	-	-



Insert

Part no.	Thread	Material	Nut	Dimensions (mm) A	B	C	
HP fitting							
40340202B	1/4"x28UNF LH	Steel	-	2	79,5	14	-
40340224B	3/8"x24UNF LH	Stainless steel	-	2	84	20	-
Universal female swivel 24°/60°							
20340112B	M12x1,5	Steel	50340111	2	57	-	17





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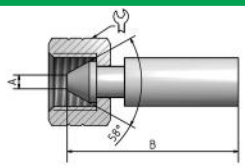
Hose Type 3/4

34001

ID3 - Series: B

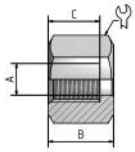
Insert

Part no.	Thread	Material	Nut	Dimensions (mm) A	B	C	
Type M female swivel							
20340602B	9/16"x18UNF	Steel	50540601, 50540605	2	59	-	19



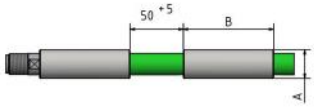
Swivel nut

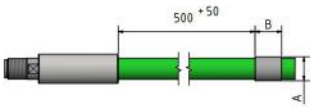
Part no.	Thread	Material	Relief bores	Dimensions (mm) A	B	C	
Swivel nut							
50540601	9/16"x18UNF	Steel	1 radial	9,2	18	14	19
50340111	M12x1.5M12x1,5	Steel	1 radial	8,2	16	9	17
50540605	9/16"x18UNF	AISI 316	1 radial	9,2	18	14	19



Tube cleaning accessories

Part no.	Thread	Material		Dimensions (mm) A	B	C	
Stop sleeve							
1.84103401B	-	Steel	-	12,1	44	-	-
Marking ring							
1.851012.5	-	AISI 316	-	10	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.*

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