



ID3 - Series: A, X and Q

Applications

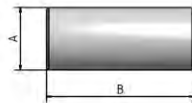
- Waterblast:** Heat exchanger tube cleaning
- Hydraulics:** Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

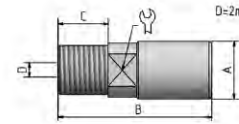


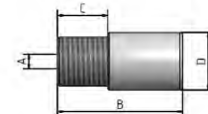
Technical Information

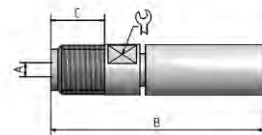
- Inner Core:** Polyoxymethylene (POM)
- Pressure Support:** 2 layers of high-tensile steel wire
- Outer Cover:** Polyamide (PA)
- Color:** Green
- Temperature:** -30°C to +70°C [-22°F to 158°F]

Ø ID	Ø OD	Working Pressure -- (SF 2.5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
3,4 mm	6,9 mm	--	1.000 bar	60 mm	0,072 kg/m	2,0 mm
0,13 inch	0,27 inch	--	14.500 psi	2,36 inch	0,048 lbs/ft	0,08 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⌀	
Sleeve							
10320101	-	Steel	8,9	30,15	-	-	

Part no.	Thread	Material	Hose part	Dimensions (mm)				OnePiece Fittings®WS
				A	B	C	⌀	
OnePiece Fittings® with wrench size								
3032040IQ	1/16"x27NPTF	Steel	30320402/IQ	8,9	34	7	7	
3032010IQ	M6x1	Steel	30320102/IQ	8,9	34	8	7	

Part no.	Thread	Material	Hose part	Dimensions (mm)				OnePiece Fittings®
				A	B	C	D	
OnePiece Fittings®								
3032040IX	1/16"x27NPTF	Steel	30320402/IX	2	28	7	8,9	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
Male fitting flat seal								
30320102A	M5x0,8	Steel		2	51,5	8	6	
30320202A	M7x1	Steel		2	54	10	7	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	Ø	
Universal female swivel 24°/60°								
20320302A	G1/4"	Steel	50540301, 50540305	2	47	-	19	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	Ø	
Swivel nut								
50540301	G1/4"	Steel	I radial	9,2	16,5	8,5	19	
50540305	G1/4"	AISI 316	I radial	9,2	16,5	8,5	19	

Part no.	Thread	Material		Dimensions (mm)				Tube cleaning accessories
				A	B	C	Ø	
Stop sleeve								
I.84103201A	-	Steel	-	9,2	30	-	-	
I.84303201Q	-	Steel	-	8,9	25	-	-	

Part no.	Thread	Material		Dimensions (mm)				Marking ring
				A	B	C	Ø	
Marking ring								
I.851012.5	-	AISI 316	-	8,9	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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