



Applications


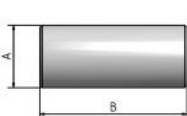
Waterblast:	Surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning
Hydraulics:	Hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)
Oil and Gas:	Grease injection, nitrogen service





Technical Information


Inner Core:	Polyoxymethylene (POM)
Pressure Support:	6 layers of high-tensile steel wire
Outer Cover:	Polyamide (PA)
Color:	Red
Temperature:	-30°C to +60°C [-22°F to 140°F]


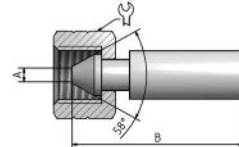
Ø ID	Ø OD	Working Pressure -- (SF 2,5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
12,7 mm	24,8 mm	--	2.000 bar	5.000 bar	300 mm	1,200 kg/m
0,50 inch	0,98 inch	--	29.000 psi	72.500 psi	11,81 inch	0,804 lbs/ft


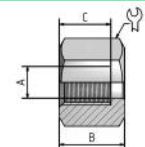
Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C		
Sleeve							
11360232	-	Steel	32,9	64	-	-	


Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C		
HP fitting								
41360214C	9/16"x18UNF LH	Stainless steel	-	7,5	118	24	-	


MP fitting							
41360204C	3/4"x16UNF LH	Stainless steel	-	7,5	121	25	-
							

Female swivel with O-Ring								
21360244C	M24x1,5	Stainless steel	51361206	7,5	89	-	32	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C		
Type M female swivel								
21360644C	1"x12UNF	Stainless steel	51360645, 51360641, 51360643	7,5	84	-	32	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C		
Swivel nut								
51360641	1"x12UNF	Steel	1 radial	16,8	28	22	32	
51360643	1"x12UNF	Stainless steel	1 radial	16,8	28	22	32	
51360645	1"x12UNF	AISI 316Ti	1 radial	16,8	28	22	32	
51361206	M24x1,5	Steel	2 axial	16,8	28	21	32	

Part no.	Size (mm)	Material	Crimp ring	Hose protection with spiral	Hose protection
I.914051	ID Ø40, OD Ø47	PVC	I005054		

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
Hose securing grip short version					
9106400	600,00	800,00	20,40	20-25	

Accessories combinations				
Without hose protection				
Description		Bend restrictor	Crimp ring	Securing grips
Securing grip		-	-	9106400
Hose protection with spiral				
Description	Protection hose	Bend restrictor	Crimp ring	Securing grips
Protection hose	I.914051	-	I005054	-
with securing grip	I.914051	-	-	9106400

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.

We reserve our rights for technical changes without notice. Subject to printing errors.