ID16 - Series: B



Waterblast: Heat exchanger tube cleaning, surface preparation

(concrete removal, surface cleaning of buildings, paint

removal), tank and vessel cleaning

**Hydraulics:** Pressure test equipment (valves, tooling and control

> panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks,

hydraulic tools)

Oil and Gas: Grease injection, chemical injection, control of subsea

hydraulic components, nitrogen service, Gaseous media

handling

## **Technical Information**

**Inner Core:** Polyamide (PA)

**Pressure Support:** 4 layers of high-tensile steel wire

**Outer Cover:** Polyamide (PA)

Color: Grey

-30°C to +60°C [-22°F to 140°F] Temperature:

ØID	Ø OD	Workin	g Pressure (SF 2,5:1)	Burst Pressure	Bend R	adius	Weight	Insert ID
16,0 mm	25,5 mm		1.040 bar	2.600 bar	250 m	m	1,002 kg/m	10,5 mm
0,63 inch	1,00 inch		15.080 psi	37.700 psi	9,84 in	ch	0,671 lbs/ft	0,41 inch
Part no.	Thread	Material		Dime A	ensions (mm) B C	암		Sleeve
Sleeve								
11640112	-	Steel		32,7	69 -	-		
11640115	-	AISI 316Ti		32,6	69 -	_	4	

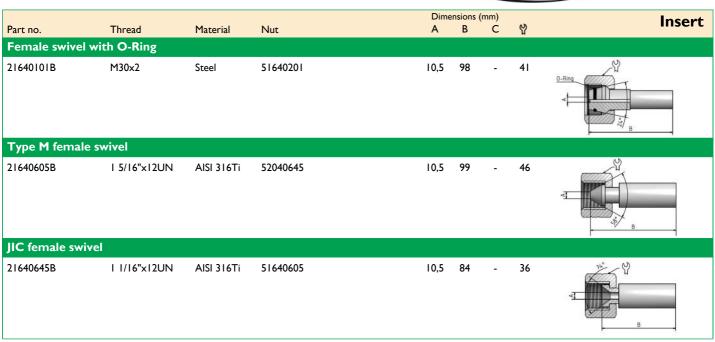
Part no.	Thread	Material	Nut	Dim A	ensions ( B	(mm)	암	Insert
MP fitting								
41640305B	3/4"x16UNF LH	AISI 316Ti	-	10,5	120	18	-	d E B B B
Male fitting								
31640401B	3/4"x14NPT	Steel	-	10,5	101	18	27	



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Part no.	Thread	Material	Relief bores	Dim A	ensions B	(mm) C	암	Swivel nut
Swivel nut								
51640605	I I/I6"xI2UN	AISI 316Ti	l radial	20,1	29	23	36	
52040645	I 5/16"x12UN	AISI 316Ti	l radial	25,5	31,5	11,5	46	4
51640201	M30×2	Steel	l radial	20,5	28	15	41	B .

Part no.	Size (mm)	Material	Crimp ring	Hose protection
Hose protection	with spiral			
1.914051	ID Ø40, OD Ø47	PVC	1005054	

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
Hose secu	ıring grip shoı	rt version			
9136400	600,00	800,00	24,30	25-30	

	Accessories combinations
Without hose protection	
Description	Bend restrictor Crimp ring Securing grips
Securing grip	9136400

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	Accessories combinations							
Hose protection with spiral								
Description	Protection hose	Bend restrictor	Crimp ring	Securing grips				
Protection hose	1.914051	-	1005054	-				
with securing grip	1.914051	-	-	9136400				

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.

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

<sup>\*)</sup> 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.