ID4 - Series: C

SPIR STAR®

Applications

Waterblast: Heat exchanger tube cleaning, surface preparation

(concrete removal, surface cleaning of buildings, paint removal), ultra high-pressure waterjet cutting and hydro

demolition (cutting and demolition of armoured

concrete, pipelines, paper or steel)

Hydraulics: Bolt tensioning, 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: $-30^{\circ}\text{C to } +70^{\circ}\text{C } [-22^{\circ}\text{F to } 158^{\circ}\text{F}]$

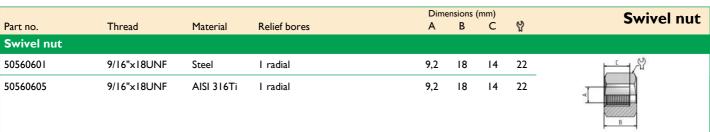
•		<u> </u>					
ØID	Ø OD	Workir 	ng Pressure (SF 2,5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
4,0 mm	11,5 mm		2.800 bar	7.000 bar	175 mm	0,365 kg/m	I,8 mm
0,16 inch	0,45 inch		40.600 psi	101.500 psi	6,89 inch	0,245 lbs/ft	0,07 inch
Part no. Sleeve	Thread	Material		Dime A	ensions (mm) B C		Sleeve
10460102	-	Steel		17,1	48,9	∢	В

				Dim	ensions	(mm)		Insert
Part no.	Thread	Material	Nut	Α	В	С	암	iliserc
HP fitting								
40460204C	I/4"x28UNF LH	Stainless steel	-	1,8	82	14	-	- (-
40460224C	3/8"x24UNF LH	Stainless steel	-	1,8	90	20	-	4
40460234C	9/16"x18UNF LH	Stainless steel	-	1,8	104	24	-	B
Type M fema	le swivel							
20460644C	9/16"x18UNF	Stainless steel	50560605, 50560601	1,8	63	-	22	

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Part no.	Size (mm)	Material	Crimp ring	Hose protection
Hose protection	n without spiral			
1.901822	ID Ø18, OD Ø22	PVC	1002426	
Hose protection	n with spiral			
1.912026	ID Ø19, OD Ø26	PVC	1003035	

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
Hose secu	ring grip shor	rt version			
9056400	600,00	740,00	10,20	10-15	

		Accessories combinations				
Without hose protection						
Description		Bend restrictor	Crimp ring	Securing grips		
Securing grip		-	-	9056400		
Hose protection without spiral						
Description	Protection hose	Bend restrictor	Crimp ring	Securing grips		
Protection hose	1.901822	-	1002426	-		
with securing grip	1.901822	-	-	9056400		
Hose protection with spiral						
Description	Protection hose	Bend restrictor	Crimp ring	Securing grips		
Protection hose	1.912026	-	1003035	-		
with securing grip	1.912026	-	-	9056400		

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.

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

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.