

Hose Type 8/2W Twin

82WD2221

SPIR STAR®

ID8 - Series: A

Applications

Hydraulics: Torque wrenching

Technical Information

Inner Core: Polyamide (PA)
Pressure Support: 2 open layers, 2 dense layers of high-tensile steel wire
Outer Cover: Polyurethane (TPU)
Color: Black and blue
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
8,0 mm	14,3 mm	--	1.040 bar	110 mm	0,628 kg/m	5,5 mm
0,31 inch	0,56 inch	--	15.080 psi	4,33 inch	0,421 lbs/ft	0,22 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
Sleeve							
10830191W	-	Steel	18,3	44,2	-	-	
10830195W	-	AISI 316Ti	18,3	44,5	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
Male fitting								
30820411A	1/4"x18NPTF	Steel	-	5,5	68	14	14	
30820401A	3/8"x18NPTF	Steel	-	5,5	69	14	17	
Male fitting 60° internal cone								
30820321A	G1/4"	Steel	-	5,5	63	12	14	
30820301A	G3/8"	Steel	-	5,5	65	12	17	
Male fitting flat seal								
30820381A	G1/4"	Steel	-	5,5	70	15	12	
Male fitting DIN3852 T2 form A								
30820341A	G3/8"	Steel	-	5,5	69,5	14,5	22	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
Female swivel 24°/60°								
20820301A	G3/8"	Steel	50860301	5,5	62	-	24	
Female swivel with O-Ring								
20820201A	M20x1,5	Steel	50860201	5,5	65	-	27	
20820042A	M24x1,5	Steel	51321206, 51360206	5,5	75	-	32	
Type M female swivel								
20820645A	3/4"x16UNF	AISI 316Ti	50840605, 50840601	5,5	62	-	24	
JIC female swivel								
20820601A	9/16"x18UNF	Steel	50820601	5,5	56	-	19	
20820605A	9/16"x18UNF	AISI 316Ti	50820605, 50820601	5,5	56	-	19	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	⌀	
Swivel nut								
50820601	9/16"x18UNF	Steel	1 radial	10,6	18	14	19	
50820605	9/16"x18UNF	AISI 316Ti	1 radial	10,6	18	14	19	
50840601	3/4"x16UNF	Steel	1 radial	12,2	22,5	17,5	24	
50840605	3/4"x16UNF	AISI 316Ti	1 radial	12,2	22,5	17,5	24	
50860301	G3/8"	Steel	1 radial	12,5	18,5	15,5	24	
50860201	M20x1,5	Steel	1 radial	12,2	22	12	27	
51321206	M24x1,5	Steel	2 axial	16,8	23	16	32	

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.