

Hose Type MAMBA Twin

ID6 - Series:



Applications


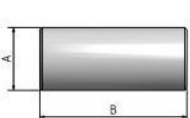
Hydraulics: Torque wrenching


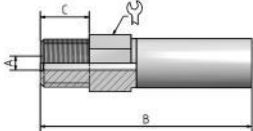
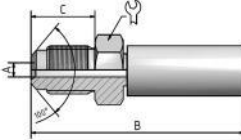
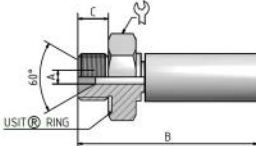
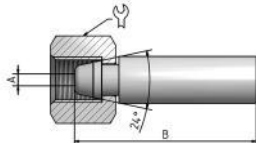
Technical Information

Inner Core: Polyamide (PA)
Pressure Support: Multi-layers of high-tensile steel wire
Outer Cover: Polyurethane (PUR)
Colour: Red and dark grey
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
5,9 mm	12,0 mm	1.200 bar	--	3.000 bar	80 mm	0,474 kg/m	4,0 mm
0,23 inch	0,47 inch	17.400 psi	--	43.500 psi	3,15 inch	0,318 lbs/ft	0,16 inch


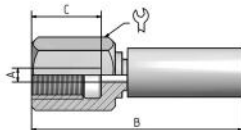
Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C		
Sleeve							
MAMBA-S	-	Steel	15,4	43	-	-	


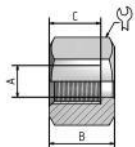
Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C		
Male fitting								
MAMBA-M-1/4	1/4"x18NPTF	Steel	-	4	68	14	14	
MAMBA-M-3/8	3/8"x18NPTF	Steel	-	4	64	14	17	
Male fitting 100° external cone								
MAMBA-M-1/4-100	G 1/4"	Steel	-	4	67	18	17	
Male fitting for USIT® Ring								
MAMBA-M-1/4-U	G 1/4"	Steel	-	4	61	11	22	
Female swivel 24°/60°								
MAMBA-F-1/4	G 1/4"	Steel	MAMBA-F-N-1/4	4	55	-	-	


Hose Type MAMBA Twin



ID6 - Series:

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C		
Female fitting NPT/NPTF								
MAMBA-F-1/4	1/4"x18NPTF	Steel	-	4	67	20	19	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C		
Swivel nut								
MAMBA-F-N-1/4	G 1/4"	Steel	1 radial	9,2	16,5	8,5	19	

Part no.	Material	Crimp ring	Dimensions (mm)		Bend restrictor
			Ø	Length	
Rubber bend restrictor					
I.9518600	Rubber	QR-HL	34	126	

Production-related variations of the burst pressure of up to 5 % are possible. Other colours 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.