

# Hose Type MAMBA Twin

6MAMBAD

ID6 - Series: -

**SPIR STAR®**

## Applications

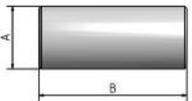
**Hydraulics:** Torque wrenching

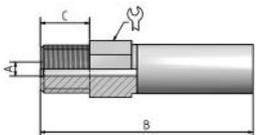
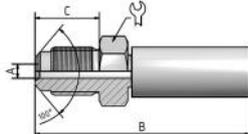
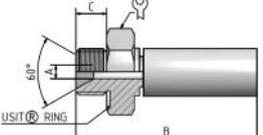
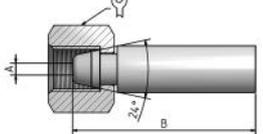
## Technical Information

**Inner Core:** Polyamide (PA)  
**Pressure Support:** Multi-layers of high-tensile steel wire  
**Outer Cover:** Polyurethane (TPU)  
**Color:** 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	80 mm	0,474 kg/m	4,0 mm
0,23 inch	0,47 inch	--	17.400 psi	3,15 inch	0,318 lbs/ft	0,16 inch

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

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
<b>Male fitting</b>								
MAMBA-M-1/4	1/4"x18NPTF	Steel	-	4	68	14	14	
MAMBA-M-3/8	3/8"x18NPTF	Steel	-	4	64	14	17	
<b>Male fitting 100° external cone</b>								
MAMBA-M-1/4-100	G 1/4"	Steel	-	4	67	18	17	
<b>Male fitting for USIT® Ring</b>								
MAMBA-M-1/4-U	G1/4"	Steel	-	4	61	11	22	
<b>Female swivel 24°/60°</b>								
MAMBA-F-I-1/4	G 1/4"	Steel	MAMBA-F-N-1/4	4	55	-	-	
MAMBA-F-I-M14	M14x1,5	Steel	MAMBA-F-N-M14	4	55	-	19	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
<b>Female fitting NPT/NPTF</b>								
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	⌀	
<b>Swivel nut</b>								
MAMBA-F-N-1/4	G 1/4"	Steel	1 radial	9,2	16,5	8,5	19	
MAMBA-F-N-M14	M14x1,5	Steel	1 radial	9,2	16,5	8,5	19	

Part no.	Material	Crimp ring	Dimensions (mm)		Bend restrictor
			⌀	Length	
<b>Rubber bend restrictor</b>					
I.9518600	Rubber	QR-HL	34	126	

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.