

Applications

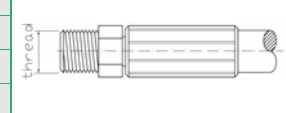
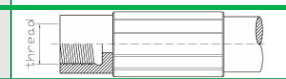
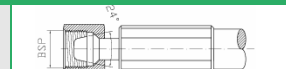
Hydraulics: Bolt Tensioning Tools, Hydraulic Jacks, Tooling Panels

Inner Core: **Polyamide (PA)**
 Pressure Support: **multi-layers of high-tensile steel wire**
 Outer Cover: **Polyurethane (PUR)**
 Colour: **red, other colours upon request**
 Temperature: **-22°F to 140°F [-30°C to +60°C]**



Ø ID	Ø OD	Working Pressure*)	Burst Pressure 1)	Min. Bend Radius	Weight	Nipple Ø ID	Sleeve	Sleeve Ø OD
0,23 inch	0,47 inch	17.400 psi	43.500 psi	3,15 inch	0,159 lbs/ft	0,16 inch	MAMBA-S carbon steel	0,61 inch
5,9 mm	12,0 mm	1.200 bar	3.000 bar	80 mm	0,237 kg/m	4,0 mm		15,5 mm

Fittings:

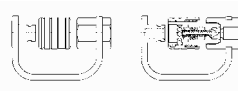
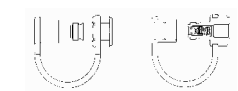
Description	Size	Material	Part Number	
male fitting	1/4"x18 NPTF	carbon steel	MAMBA-M-1/4x18NPTF	
male fitting	3/8"x18NPTF	carbon steel	MAMBA-M-3/8x18NPTF	
male fitting for USIT®-Ring 60° internal cone	G1/4"	carbon steel	MAMBA-M-1/4-U	
male fitting special part 100° external cone	G1/4"	carbon steel	MAMBA-M-1/4-100	
female fitting	1/4"x18 NPTF	carbon steel	MAMBA-F-1/4x18NPTF	
BSP female swivel	G1/4"	carbon steel	MAMBA-F-I-1/4 & MAMBA-F-N-1/4	

----- Additional fittings are available upon request. -----

Bend restrictor shown below is suitable for hose type **Mamba**:

Description	Size	Material	Part Number
bend restrictor	30x14,5mm	rubber	1.9518600
crimp ring	30mm	carbon steel	1003135

The **Mamba** hose is usable for the following SPIR STAR coupler:

Description	Thread/Size (hose connection)	Material	Part Number	
High Pressure Coupler incl. dust cap – max WP 1500bar	BSP female G1/4"	carbon steel	C-200-1202	
High pressure push-in plug incl. dust cap – max WP 1500bar	BSP female G1/4"	carbon steel	C-200-6202	

1) Production related variations up to 5 % are possible

*) 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 can be less. We reserve our rights for changes without notice.

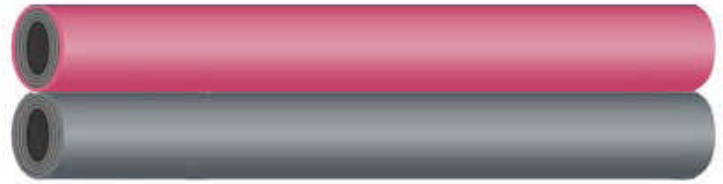
Hose Type *Mamba-Twin*



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male fitting special part 100° external cone	G1/4"	carbon steel	MAMBA-M-1/4-100	
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BSP female swivel	G1/4"	carbon steel	MAMBA-F-I-1/4 & MAMBA-F-N-1/4	

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