

Hose Type 6/4M

64M3012

ID6 - Series: MB

SPIR STAR®

Applications

Hydraulics: Hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

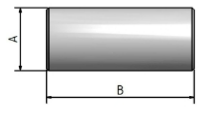
Oil and Gas: Methanol service (oil rigs, distribution panels, umbilicals), jumper/ subsea well control, control of subsea hydraulic components, nitrogen service

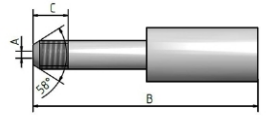


Technical Information

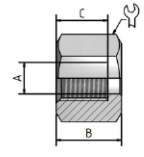
Inner Core: BESNO P40 TLO (PA I I)
Pressure Support: 4 layers of high-tensile steel wire
Outer Cover: Polyamide (PA)
Color: Dark blue
Temperature: -30°C to +60°C [-22°F to 140°F]


| Ø ID | Ø OD | Working Pressure -- (SF 4,0:1) | Burst Pressure | Bend Radius | Weight | Insert ID |
|-----------|-----------|--------------------------------------|----------------|-------------|--------------|-----------|
| 6,0 mm | 13,0 mm | -- | 1.035 bar | 180 mm | 0,338 kg/m | 3,0 mm |
| 0,24 inch | 0,51 inch | -- | 15.000 psi | 7,09 inch | 0,226 lbs/ft | 0,12 inch |

| Part no. | Thread | Material | Dimensions (mm) | | | | Sleeve |
|---------------|--------|------------|-----------------|----|---|---|--|
| | | | A | B | C | ⌀ | |
| Sleeve | | | | | | | |
| 10640185W | - | AISI 316Ti | 19,9 | 54 | - | - |  |

| Part no. | Thread | Material | Nut | Dimensions (mm) | | | | Insert |
|-------------------|---------------|------------|-----|-----------------|-----|----|---|---|
| | | | | A | B | C | ⌀ | |
| MP fitting | | | | | | | | |
| 40640305MB | 3/8"x24UNF LH | AISI 316Ti | - | 3 | 100 | 20 | - |  |

| Part no. | Thread | Material | Nut | Dimensions (mm) | | | | Insert |
|--------------------------|-------------|------------|----------|-----------------|----|---|----|---|
| | | | | A | B | C | ⌀ | |
| JIC female swivel | | | | | | | | |
| 20640645MB | 9/16"x18UNF | AISI 316Ti | 50540605 | 3 | 71 | - | 19 |  |

| Part no. | Thread | Material | Relief bores | Dimensions (mm) | | | | Swivel nut |
|-------------------|-------------|------------|--------------|-----------------|----|----|----|---|
| | | | | A | B | C | ⌀ | |
| Swivel nut | | | | | | | | |
| 50540605 | 9/16"x18UNF | AISI 316Ti | 1 radial | 9,2 | 18 | 14 | 19 |  |

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

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.