

Hose Type 3/2-1100

32000.1100

SPIR STAR®

ID3 - Series: A, X and Q

Applications

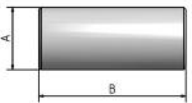
- Waterblast:** Heat exchanger tube cleaning
- Hydraulics:** Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

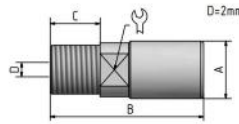


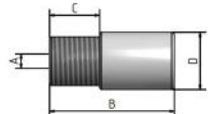
Technical Information

- Inner Core:** Polyoxymethylene (POM)
- Pressure Support:** 2 layers of high-tensile steel wire
- Outer Cover:** Polyamide (PA)
- Color:** Green
- Temperature:** -30°C to +70°C [-22°F to 158°F]

| Ø ID | Ø OD | Working Pressure -- (SF 2.5:1) | Burst Pressure | Bend Radius | Weight | Insert ID |
|-----------|-----------|--------------------------------------|----------------|-------------|--------------|-----------|
| 3,4 mm | 7,0 mm | -- | 1.100 bar | 60 mm | 0,072 kg/m | 2,0 mm |
| 0,13 inch | 0,28 inch | -- | 15.950 psi | 2,36 inch | 0,048 lbs/ft | 0,08 inch |

| Part no. | Thread | Material | Dimensions (mm) | | | | Sleeve |
|----------|--------|----------|-----------------|-------|---|-------------|--|
| | | | A | B | C | Wrench size | |
| 10320101 | - | Steel | 8,9 | 30,15 | - | - |  |

| Part no. | Thread | Material | Hose part | Dimensions (mm) | | | | OnePiece Fittings® WS |
|--|--------------|----------|-------------|-----------------|----|---|-------------|---|
| | | | | A | B | C | Wrench size | |
| OnePiece Fittings® with wrench size | | | | | | | | |
| 30320401Q | 1/16"x27NPTF | Steel | 30320402/1Q | 8,9 | 34 | 7 | 7 |  |
| 30320101Q | M6x1 | Steel | 30320102/1Q | 8,9 | 34 | 8 | 7 | |

| Part no. | Thread | Material | Hose part | Dimensions (mm) | | | | OnePiece Fittings® |
|-----------|--------------|----------|-------------|-----------------|----|---|-----|---|
| | | | | A | B | C | D | |
| 30320401X | 1/16"x27NPTF | Steel | 30320402/1X | 2 | 28 | 7 | 8,9 |  |

| Part no. | Thread | Material | Nut | Dimensions (mm) | | | | Insert |
|-------------------------------|--------|----------|-----|-----------------|------|----|----|--------|
| | | | | A | B | C | ⚙️ | |
| Male fitting flat seal | | | | | | | | |
| 30320102A | M5x0,8 | Steel | | 2 | 51,5 | 8 | 6 | |
| 30320202A | M7x1 | Steel | | 2 | 54 | 10 | 7 | |

| Universal female swivel 24°/60° | | | | | | | | |
|--|-------|-------|--------------------|---|----|---|----|--|
| 20320302A | G1/4" | Steel | 50540301, 50540305 | 2 | 47 | - | 19 | |

| Part no. | Thread | Material | Relief bores | Dimensions (mm) | | | | Swivel nut |
|-------------------|--------|----------|--------------|-----------------|------|-----|----|------------|
| | | | | A | B | C | ⚙️ | |
| Swivel nut | | | | | | | | |
| 50540301 | G1/4" | Steel | I radial | 9,2 | 16,5 | 8,5 | 19 | |
| 50540305 | G1/4" | AISI 316 | I radial | 9,2 | 16,5 | 8,5 | 19 | |

| Part no. | Thread | Material | Dimensions (mm) | | | | Tube cleaning accessories |
|--------------------|--------|----------|-----------------|-----|----|----|---------------------------|
| | | | A | B | C | ⚙️ | |
| Stop sleeve | | | | | | | |
| 1.84103201A | - | Steel | - | 9,2 | 30 | - | |
| 1.84303201Q | - | Steel | - | 8,9 | 25 | - | - |

| Marking ring | | | | | | | | |
|---------------------|---|----------|---|---|----|---|---|--|
| 1.851012.5 | - | AISI 316 | - | 9 | 10 | - | - | |

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.

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