



Applications

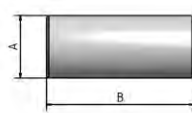
- Waterblast:** Heat exchanger tube cleaning, surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning, ultra high-pressure waterjet cutting and hydro demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)
- Hydraulics:** Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)
- Oil and Gas:** Chemical injection, nitrogen service, Gaseous media handling

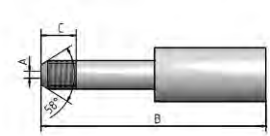


Technical Information

- Inner Core:** Polyamide (PA)
- Pressure Support:** 4 layers of high-tensile steel wire
- Outer Cover:** Polyamide (PA)
- Color:** 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 |
|-----------|-----------|--------------------------------------|----------------|-------------|--------------|-----------|
| 18,8 mm | 28,8 mm | -- | 1.040 bar | 250 mm | 1,350 kg/m | 13,0 mm |
| 0,74 inch | 1,13 inch | -- | 15.080 psi | 9,84 inch | 0,905 lbs/ft | 0,51 inch |

| Part no. | Thread | Material | Dimensions (mm) | | | | Sleeve |
|---------------|--------|----------|-----------------|----|---|---|---|
| | | | A | B | C | ⚙ | |
| Sleeve | | | | | | | |
| I204013I | - | Steel | 36,9 | 72 | - | - |  |

| Part no. | Thread | Material | Nut | Dimensions (mm) | | | | Insert |
|-------------------|-------------|-----------------|-----|-----------------|-----|----|---|---|
| | | | | A | B | C | ⚙ | |
| MP fitting | | | | | | | | |
| 42060304C | 1"x14UNS LH | Stainless steel | - | 13 | 158 | 30 | - |  |

| Part no. | Thread | Material | Nut | Dimensions (mm) | | | | Insert |
|----------------------------------|--------|----------|----------|-----------------|-----|---|----|---|
| | | | | A | B | C | ⚙ | |
| Female swivel with O-Ring | | | | | | | | |
| 22060202C | M36x2 | Steel | 5204020I | 13 | 127 | - | 46 |  |

| Part no. | Thread | Material | Nut | Dimensions (mm) | | | | Insert |
|-----------------------------|--------------|-----------------|----------|-----------------|-----|---|----|--------|
| | | | | A | B | C | Ø | |
| Type M female swivel | | | | | | | | |
| 22060644C | 1 5/16"x12UN | Stainless steel | 52040645 | 13 | 107 | - | 46 | |

| Part no. | Thread | Material | Relief bores | Dimensions (mm) | | | | Swivel nut |
|-------------------|--------------|----------|--------------|-----------------|------|------|----|------------|
| | | | | A | B | C | Ø | |
| Swivel nut | | | | | | | | |
| 52040645 | 1 5/16"x12UN | AISI 316 | 1 radial | 25,5 | 31,5 | 11,5 | 46 | |
| 52040201 | M36x2 | Steel | 1 radial | 25,5 | 38 | 22 | 46 | |

| Part no. | Thread | Material | Dimensions (mm) | | | | Tube cleaning accessories | |
|---------------------|--------|----------|-----------------|------|----|---|---------------------------|--|
| | | | A | B | C | Ø | | |
| Marking ring | | | | | | | | |
| 1.853034.5 | - | AISI 316 | - | 32,6 | 20 | - | - | |

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.

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