



ID5 - Series: B and Y

Applications

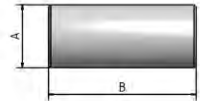
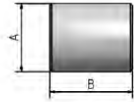
- Waterblast:**
- Heat exchanger tube cleaning
- Hydraulics:**
- Bolt tensioning, pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)
- Oil and Gas:**
- Grease injection, chemical injection, control of subsea hydraulic components, nitrogen service, Gaseous media handling

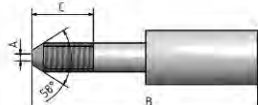


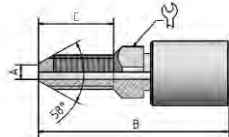
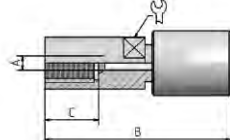
Technical Information

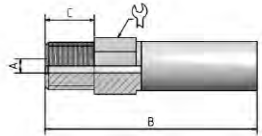
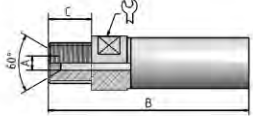
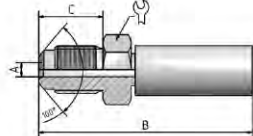
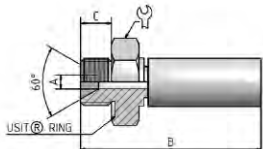
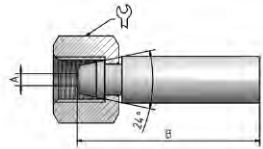
- Inner Core:**
- Polyoxymethylene (POM)
- Pressure Support:**
- 4 layers of high-tensile steel wire
- Outer Cover:**
- Polyamide (PA)
- Color:**
- Blue
- Temperature:**
- 30°C to +70°C [-22°F to 158°F]

| Ø ID      | Ø OD      | Working Pressure<br>--<br>(SF 2.5:1) | Burst Pressure | Bend Radius | Weight       | Insert ID |
|-----------|-----------|--------------------------------------|----------------|-------------|--------------|-----------|
| 5,0 mm    | 11,2 mm   | --                                   | 1.800 bar      | 150 mm      | 0,260 kg/m   | 2,5 mm    |
| 0,20 inch | 0,44 inch | --                                   | 26.100 psi     | 5,91 inch   | 0,174 lbs/ft | 0,10 inch |

| Part no.          | Thread | Material | Dimensions (mm) |      |   |   |    | Sleeve |
|-------------------|--------|----------|-----------------|------|---|---|---------------------------------------------------------------------------------------|--------|
|                   |        |          | A               | B    | C |   |                                                                                       |        |
| Sleeve            |        |          |                 |      |   |   |                                                                                       |        |
| 10540101          | -      | Steel    | 15              | 49,5 | - | - |  |        |
| 10540105          | -      | AISI 316 | 15              | 49,5 | - | - |                                                                                       |        |
| Blast-Pro® sleeve |        |          |                 |      |   |   |                                                                                       |        |
| 10540232          | -      | Steel    | 12,4            | 24   | - | - |  |        |

| Part no.   | Thread         | Material | Nut | Dimensions (mm) |     |      |   |  | Insert |
|------------|----------------|----------|-----|-----------------|-----|------|---|---------------------------------------------------------------------------------------|--------|
|            |                |          |     | A               | B   | C    |   |                                                                                       |        |
| HP fitting |                |          |     |                 |     |      |   |                                                                                       |        |
| 40540215B  | 1/4"x28UNF LH  | AISI 316 | -   | 2,5             | 83  | 14   | - |  |        |
| 40540205B  | 3/8"x24UNF LH  | AISI 316 | -   | 2,5             | 90  | 20   | - |                                                                                       |        |
| 40540225B  | 9/16"x18UNF LH | AISI 316 | -   | 4,8             | 103 | 23,8 | - |                                                                                       |        |

| Part no.              | Thread        | Material        | Sleeve   | Dimensions (mm) |    |    |    |  | Blast-Pro® Insert* |
|-----------------------|---------------|-----------------|----------|-----------------|----|----|----|-------------------------------------------------------------------------------------|--------------------|
|                       |               |                 |          | A               | B  | C  |    |                                                                                     |                    |
| Blast-Pro® HP fitting |               |                 |          |                 |    |    |    |                                                                                     |                    |
| 40540234Y             | 1/4"x28UNF LH | Stainless steel | 10540232 | 3               | 45 | 16 | 10 |  |                    |
| 40540214Y             | 3/8"x24UNF LH | Stainless steel | 10540232 | 3               | 50 | 22 | 10 |                                                                                     |                    |
| Blast-Pro® HP female  |               |                 |          |                 |    |    |    |                                                                                     |                    |
| 40540254Y             | 1/4"x28UNF LH | Stainless steel | 10540232 | 3               | 44 | 9  | 8  |  |                    |

| Part no.                                                 | Thread      | Material | Nut      | Dimensions (mm) |      |      |    |    | Insert |
|----------------------------------------------------------|-------------|----------|----------|-----------------|------|------|----|---------------------------------------------------------------------------------------|--------|
|                                                          |             |          |          | A               | B    | C    |    |                                                                                       |        |
| Male fitting                                             |             |          |          |                 |      |      |    |                                                                                       |        |
| 30540401B                                                | 1/4"x18NPTF | Steel    | -        | 2,5             | 78   | 15,2 | 14 |    |        |
| Male fitting 60° internal cone                           |             |          |          |                 |      |      |    |                                                                                       |        |
| 30540301B                                                | G1/4"       | Steel    | -        | 2,5             | 70,5 | 12   | 14 |   |        |
| Male fitting 100° external cone                          |             |          |          |                 |      |      |    |                                                                                       |        |
| 30540361B                                                | G1/4"       | Steel    | -        | 2,5             | 76,5 | 18   | 17 |  |        |
| Male fitting for USIT® Ring - recommended MAWP 1.000 bar |             |          |          |                 |      |      |    |                                                                                       |        |
| 30540351B                                                | G1/4"       | Steel    | -        | 2,5             | 69   | 11   | 22 |  |        |
| Universal female swivel 24°/60°                          |             |          |          |                 |      |      |    |                                                                                       |        |
| 20540301B                                                | G1/4"       | Steel    | 50540301 | 2,5             | 62   | -    | 19 |  |        |
| 20540305B                                                | G1/4"       | AISI 316 | 50540305 | 2,5             | 62   | -    | 19 |                                                                                       |        |