

## IQS push-in fittings up to 150 bar

**HD**

**Materials:** Body: Brass nickel-plated, collet: Brass, seal: NBR, Seeger ring: Zinc-plated steel

**Temperature range:** -20°C to max. +70°C

**Operating pressure:** Max. 150 bar

**Application:** Lubrication facilities

**Media:** Oils, greases

- ✓ **Advantages:**
- Ideal for lubrication systems
  - Thread: M 6 x 1 to R 1/4"

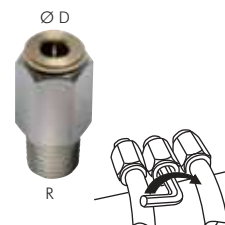


**Warning:** Can only be used with high pressure polyamide tubes!

## High pressure push in fittings

**HD**

| Type         | R               | D |
|--------------|-----------------|---|
| IQSG 184 HD  | R 1/8"          | 4 |
| IQSG M64 HD  | M 6 x 1 (con.)  | 4 |
| IQSG M84 HD  | M 8 x 1 (con.)  | 4 |
| IQSG M104 HD | M 10 x 1 (con.) | 4 |
| IQSG 186 HD  | R 1/8"          | 6 |
| IQSG 146 HD  | R 1/4"          | 6 |
| IQSG M66 HD  | M 6 x 1 (con.)  | 6 |
| IQSG M86 HD  | M 8 x 1 (con.)  | 6 |
| IQSG M106 HD | M 10 x 1 (con.) | 6 |



## High pressure L push-in fittings (fixed)

**HD**

| Type           | R               | D |
|----------------|-----------------|---|
| IQSL 184 HD B  | R 1/8"          | 4 |
| IQSL M64 HD B  | M 6 x 1 (con.)  | 4 |
| IQSL M84 HD B  | M 8 x 1 (con.)  | 4 |
| IQSL M104 HD B | M 10 x 1 (con.) | 4 |
| IQSL 186 HD B  | R 1/8"          | 6 |
| IQSL M66 HD B  | M 6 x 1 (con.)  | 6 |
| IQSL M86 HD B  | M 8 x 1 (con.)  | 6 |
| IQSL M106 HD B | M 10 x 1 (con.) | 6 |



## High pressure L push-in fittings (positionable)

**HD**

| Type         | R               | D |
|--------------|-----------------|---|
| IQSL 184 HD  | R 1/8"          | 4 |
| IQSL M64 HD  | M 6 x 1 (con.)  | 4 |
| IQSL M84 HD  | M 8 x 1 (con.)  | 4 |
| IQSL M104 HD | M 10 x 1 (con.) | 4 |
| IQSL 186 HD  | R 1/8"          | 6 |
| IQSL 146 HD  | R 1/4"          | 6 |
| IQSL M66 HD  | M 6 x 1 (con.)  | 6 |
| IQSL M86 HD  | M 8 x 1 (con.)  | 6 |
| IQSL M106 HD | M 10 x 1 (con.) | 6 |



## High pressure polyamide hoses (up to 136 bar)

**PA ... HD**

**Temperature range:** 0°C to max. +100°C

**Properties:** Suitable for high pressures, (colour black: additionally UV resistant)

**Shore hardness:** 96 D

**Fields of application:** Low pressure hydraulic, centralized grease filling systems

**Roll length:** 100 m

| Temperature range | to +23°C | +40°C | +60°C | +80°C | +100°C |
|-------------------|----------|-------|-------|-------|--------|
| Utilisation rate  | 100%     | 72%   | 57%   | 40%   | 30%    |

| Usable with: | HD push-in fittings | Brass compression ring fittings | Brass cutting ring connections | Cutting ring/compression ring fittings | Reinforcing rings |
|--------------|---------------------|---------------------------------|--------------------------------|--|-------------------|
| page no.     | 936                 | 116                             | 119b                           | 122                                    | 163               |

| Type natur        | Type black          | Hose Ø external x internal | Min. bend radius | Operating pressure |
|-------------------|---------------------|----------------------------|------------------|--------------------|
| PA 4x1,5 HD NATUR | PA 4x1,5 HD SCHWARZ | 4 x 1,5                    | 35               | 136 bar            |
| PA 6x3 HD NATUR   | PA 6x3 HD SCHWARZ   | 6 x 3,0                    | 45               | 100 bar            |

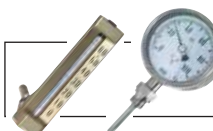


Thread rotary distributor for compressed air and vacuum from page 139



Mini-carriages are found in our Online Shop

**FESTO**



Thermometer from page 396



Roller bearing from page 603

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.