



»R-SV4« series, heavy-duty, 2-stage

High quality, robust and long lifetime rotation secure coupling, heavy duty design.

It is suitable for an extremely rough conditions.

To make a secure connection between the coupling and plug, the plug-in nipple is fed into the coupling and rotated to the right until the mechanism clicks in audibly. The connection is uncoupled in which the plug-in nipple is rotated to the left and at the same time the release ring is pulled backwards. The plug-in nipple is captured upon ejection from the safety chamber and only released after another left or right turn by 90°.

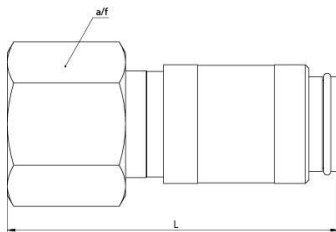
This coupling meets ISO standard DIN EN ISO 4414, EN 983.

Areas of application: Pneumatic system, machine and plant engineering, manufacturing industry, offshore, refineries.

| | |
|-----------------------|--|
| Operating pressure | max. 25 bar / max. 16 bar when attaching / detaching |
| Temperature range | -20 °C to 100 °C |
| Flow rate | 2100 l/min (air) |
| Flow rate measurement | at 6 bar and $\Delta p = 0.5$ bar |
| Housing | Steel, QPQ treated |
| Valve | Brass |
| Spring | Stainless steel |
| Sleeve | Brass |
| Threaded piece | Galvanised steel |
| Sealant | NBR |

Swivel safety coupling DN 11, heavy-duty series, female

| Art. No. | Type No. | Connection | Length mm | a/f mm |
|----------|---------------|------------|--------------|-----------|
| 141798 | 426.02-DREH-S | G 3/8 IT | 75.0 | 36 |
| 141799 | 426.03-DREH-S | G 1/2 IT | 75.0 | 36 |
| 141800 | 426.04-DREH-S | G 3/4 IT | 75.0 | 36 |



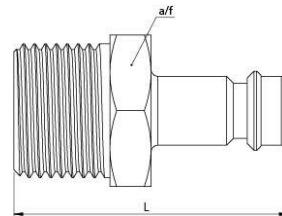
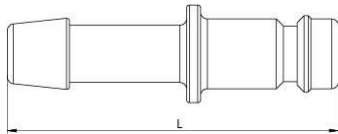
426.03-DREH-S

Stem for couplings DN 11, heavy-duty series, hardened, galvanised steel

| Art. No. | Type No. | Description | Length mm |
|----------|----------|---------------|--------------|
| 141804 | 426.75-S | Stem, I.D. 13 | 83.0 |
| 141805 | 426.76-S | Stem, I.D. 16 | 83.0 |
| 141806 | 426.77-S | Stem, I.D. 19 | 83.0 |

Plug for couplings DN 11, heavy-duty series, hardened, galvanised steel

| Art. No. | Type No. | Description | Length mm | a/f mm |
|----------|----------|----------------|--------------|-----------|
| 141801 | 426.62-S | Plug, G 3/8 ET | 63.0 | 24 |
| 141802 | 426.63-S | Plug, G 1/2 ET | 64.0 | 24 |
| 141803 | 426.64-S | Plug, G 3/4 ET | 66.0 | 27 |



426.77-S



426.64-S

Stem with check valve for couplings DN 11, heavy-duty series, hardened, galvanised steel, steel, QPQ treated

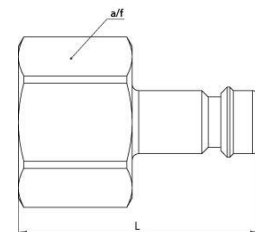
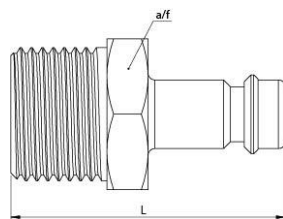
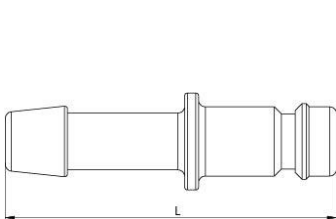
| Art. No. | Type No. | Description | Length mm |
|----------|--------------|---------------|--------------|
| 141809 | 426.75-S-RSV | Stem, I.D. 13 | 114.0 |
| 141810 | 426.76-S-RSV | Stem, I.D. 16 | 114.0 |
| 141811 | 426.77-S-RSV | Stem, I.D. 19 | 114.0 |

Plug with check valve for couplings DN 11, heavy-duty series, hardened, galvanised steel, steel, QPQ treated, male

| Art. No. | Type No. | Description | Length mm | a/f mm |
|----------|--------------|----------------|--------------|-----------|
| 141808 | 426.63-S-RSV | Plug, G 1/2 ET | 89.0 | 27 |

Plug with check valve for couplings DN 11, heavy-duty series, hardened, galvanised steel, steel, QPQ treated, female

| Art. No. | Type No. | Description | Length mm | a/f mm |
|----------|--------------|----------------|--------------|-----------|
| 141807 | 426.53-S-RSV | Plug, G 1/2 IT | 89.0 | 30 |



426.77-S-RSV



426.63-S-RSV



426.53-S-RSV

QPQ means Quench-Polish-Quench and it thereby contains a TENIFER treatment combined with an oxidising cool down step that is done twice with an intermediate treatment (polishing).

Oxidation gives components an aesthetic black surface which is resistant to corrosion and in many cases even overlays galvanic or chemical edge layers.

The QPQ process is a good alternative to nickel or chrome plating of materials.