

## 25KSIW13SPN Quick coupling with female thread

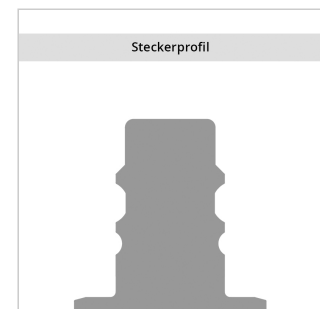
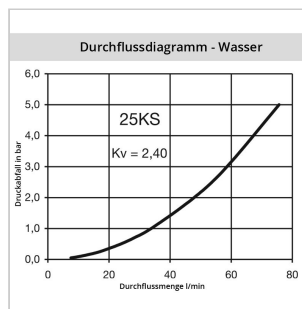
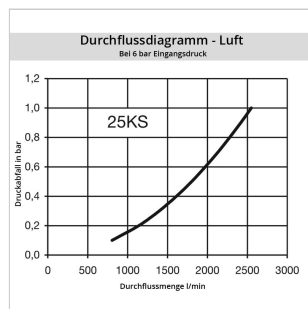
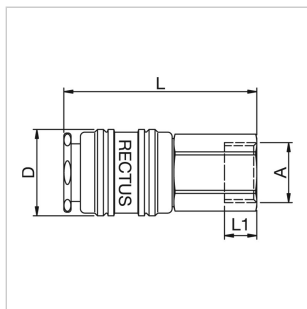
Quick coupling safety single shut-off, female thread G 1/4, nominal diameter 7,8, <35 bar, steel nickel plated, seal NBR



### Product description

Safety coupling with UltraFlo-Valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve) and long service life even with the harshest use. Additional safety locking system. This safety lock prevents unintentional disconnection. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. The brass version has been developed specifically for use with water in the pressure range up to 35 bar.

### More images



## Product properties

|                                          |                                                                                                                                  |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Shut-off                                 | Quick coupling Safety (single shut-off)                                                                                          |
| Connection                               | Female thread 1/4"                                                                                                               |
| Connection description                   | Female pipe thread of Whitworth form ISO 228 1/4"                                                                                |
| Connection type                          | Female thread                                                                                                                    |
| Suitable breath / respiratory protection | Yes                                                                                                                              |
| Seal                                     | NBR                                                                                                                              |
| Seal description                         | Nitrite-butadiene rubber                                                                                                         |
| Working pressure                         | 35 bar (Brass-Version) 70 bar (with steel body and steel sleeve) maximum static working pressure with safety factor 4 to 1.      |
| Pressure eliminator                      | No                                                                                                                               |
| Single-hand operation                    | No                                                                                                                               |
| Self-venting coupling                    | No                                                                                                                               |
| Flat-sealing                             | No                                                                                                                               |
| Mould coupling                           | No                                                                                                                               |
| Weight in kg                             | 0,1009                                                                                                                           |
| Hydraulics                               | No                                                                                                                               |
| Ball locking                             | Yes                                                                                                                              |
| Material                                 | Steel nickel-plated                                                                                                              |
| Material description                     | Steel 9SMnPb28K 1.0718                                                                                                           |
| Bore area in mm <sup>2</sup>             | 48                                                                                                                               |
| Bore in mm                               | 7,8                                                                                                                              |
| Surface                                  | nickel plated                                                                                                                    |
| Pneumatics                               | Yes                                                                                                                              |
| Professional recommendation              | Breathing protection                                                                                                             |
| Series                                   | 25                                                                                                                               |
| Series long                              | 25KS                                                                                                                             |
| Safety locking system                    | Yes                                                                                                                              |
| Standard product                         | No                                                                                                                               |
| Pin lock                                 | No                                                                                                                               |
| Working temperature                      | -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. |
| Ultra-FLO-valve                          | No                                                                                                                               |
| Vacuum suitable                          | No                                                                                                                               |
| Advantages                               | Double profiled plug design against wear of material during operation.                                                           |
| Water-resistant                          | No                                                                                                                               |
| Material connection                      | Brass nickel plated                                                                                                              |
| Material seal                            | Perbunan®                                                                                                                        |
| Material sleeve                          | Steel hardened and nickel plated                                                                                                 |
| Material spring snap ring                | stainless steel AISI 301                                                                                                         |
| Material balls/pins                      | Stainless steel AISI 420                                                                                                         |
| Material valve                           | Brass                                                                                                                            |
| Material valve body                      | Steel nickel-plated                                                                                                              |
| Two-hand operation                       | Yes                                                                                                                              |

## Dimensions

|              |       |
|--------------|-------|
| Connection A | G 1/4 |
| D mm         | 23    |
| L mm         | 56    |
| L1 mm        | 10    |
| SW mm        | 19    |