

-20°C ÷ 80°C



Working pressure:  
16 Bar  
Negative pressure:  
-750 mmHg



Compressed air and vacuum.



Taper gas BSPT ISO 7  
from R1/8" to R1/2"  
Parallel gas BSPP ISO 228  
from G1/8" to G1/2"  
Metric ISO 262 M5 and M6  
NPT ANSI B 1.20.1  
from N1/8" to N1/2"  
UNF ANSI B 1.1 10-32 UF



Polyamide, Polyurethane

**Body:** nickel plated brass  
UNI EN 12164 CW614N & UNI  
EN 12164 CW617N

**Collar:** POM

**Collet (sleeve):** nickel plated brass  
UNI EN 12164 CW614N

**Seals:** NBR silicon free

**Lock claw:** AISI 301 stainless steel

**Back ring:** PBT

**Retaining ring for swivel systems:**  
AISI 302 stainless steel



Products in compliance with  
the directive 2002/95/EC

**RoHS2**

Products in compliance with  
the directive 2011/65/EU

**SILICON FREE**

### INSERTION OF THE TUBE INTO THE FITTING

- Make sure the tube is fully inserted into the fitting.
- To insert the tube into the fitting cut the tube at a squared angle (90°), insert up to the end and pull gently to make sure it is correctly connected.
- If there are any damages or scratches on the tube surface or an oval shape, air leakage and tube release may occur. Check it carefully.
- The OD of polyurethane tubes expand when pressure is applied. Reinsertion into the fitting may not be possible. Check the OD of the tube and change the tube if the expansion is serious.
- Always remove by cutting the part of the tube previously inserted into the fitting. Use a proper tube cutter in order to cut the tube.

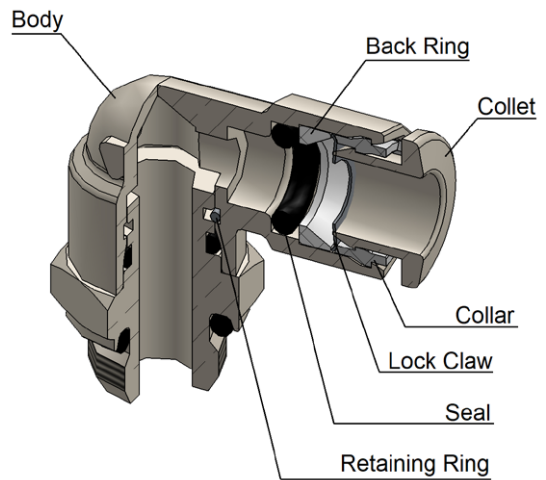
### DISCONNECTION OF THE TUBE FROM THE FITTING

- Make sure the pressure is zero before releasing the tube from the fitting.
- To release the tube, press the release ring regularly at the end and pull the tube with one hand.

### TOLERANCE TUBE

TUBES Ø	Ø 4 mm	Ø 6 mm	Ø 8 mm	Ø 10 mm	Ø 12 mm
TOLERANCES (mm)	± 0,1	± 0,1	± 0,1	± 0,15	± 0,15

### CONSTRUCTION MATERIALS



### INSERTION TUBE

DIAMETER TUBES Ø	Ø 4 mm	Ø 6 mm	Ø 8 mm	Ø 10 mm	Ø 12 mm
TUBES INSERTION LENGHT (mm)	14	15,5	17,5	19	21

