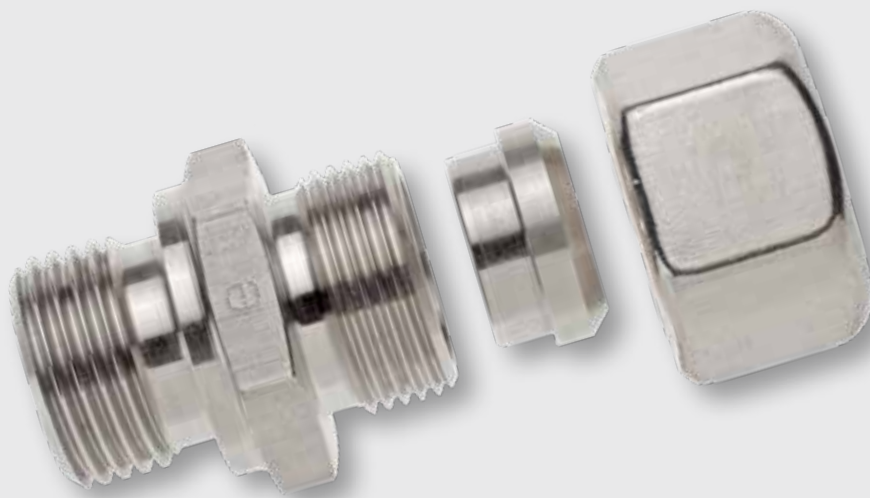


NC Clamping Ring Fittings



- fitting body and nut identical in construction to ISO 8434-1/DIN 2353 fittings
- clamping ring made of untreated stainless steel
- inside silver-plated nut facilitates assembly
- optimally suited for hydraulic applications with increased corrosive stress, gas applications and pneumatic equipment with hoses

NC Clamping Ring Fittings

Characteristics

- based on ISO 8434-1/DIN 2353
- stainless steel 1.4571 (≈ AISI 316Ti)
- consisting of
 - EXMAR fitting body with 24° DIN taper
 - clamping ring made of untreated stainless steel
 - inside silver-plated nut for easier assembly
- series L and S
- Ø 6 to 25 mm



Technical data

- nominal pressure 100 to 500 bar, depending on size and series, safety factor 4
- temperature range -196°C to +400°C (exception: soft sealed fittings according to sealing material)
- leak rate with helium 10⁻⁸ mbar • l/s
- vacuum up to 10⁻⁴ mbar

Application areas

- applications with hydrogen
- machines and units with gaseous media
- hydraulic systems with increased corrosive stress
- pneumatic equipment with hoses
- maintenance work

Assembling

- pre-assembly with EXMAR pre-assembly machine US-FL/01 recommended (see table for pressing power), final assembly after hand-tightening 3/4 turn
- manual, one-step assembly after hand-tightening with 1 3/4 turns
- *use of reinforcing sleeves recommended

NC clamping ring fittings – standard pressure (SF4) acc. catalogue			
Size	Tube-Ø	Pressure nom. [bar]	Pressing power [bar]
6L	6x1	250	40
8L	8x1	250	35
10L	10x1*	250	50
12L	12x1.5	250	45
15L	15x1.5*	250	40
18L	18x2/18x1.5*	160	60
22L	22x2/22x1.5*	160	65/90
6S	6x1.5	500	20
8S	8x2/8x1.5*	500	30
10S	10x2/10x1.5*	400	30
12S	12x2/12x1.5*	400	35
14S	14x2/14x1.5*	300	45
16S	16x2/16x1.5*	200	55
20S	20x2/20x1.5*	200	80
25S	25x2.5	100	100

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