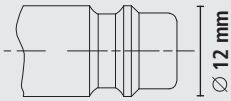


Quick Connect Couplings

Series ESE single shut-off

DN 7.2

Plug Profile (original size)



- Universal one-hand quick connect couplings made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Suitable for low vacuum at low couple force compared to all other compatible products
- For compressed air supply at increased purity and hygiene regulations or when conveying different media (gases, chemicals, lacquers, pharmaceuticals)
- Several fields of application in pharmacy, chemical industry, medical technology, food industry, clean-room applications as well as for sophisticated pneumatic applications

Materials

- Body, sleeve, valve body, valve, pins, plug: Stainless Steel 1.4305
- Springs, retaining ring: Stainless Steel 1.4310
- Seals: FKM (EPDM or FFKM on request)

| Max. Working Pressure | Temperature | DN | Thread | Flow Rate | Operation | Type of valve | Media | Area | |
|-----------------------|-----------------|-----|---------|------------|-----------|-----------------|-----------|-----------|------------------|
| PN 35 bar | -15°C – +200°C* | 7,2 | ISO 228 | 1150 l/min | One-hand | Single shut-off | Different | Worldwide | Coupl. 1/ Plug 5 |

Couplings with parallel male thread

| Thread connection | L | SW | D | L1 | Weight | Sleeve | |
|-------------------|----|----|----|----|--------|-----------------|------------------|
| | | | | | | Type No. smooth | Type No. knurled |
| G 1/4 m | 41 | 22 | 27 | 9 | 82 | ESEG 14 A | ESER 14 A |
| G 3/8 m | 42 | 22 | 27 | 10 | 82 | ESEG 38 A | ESER 38 A |
| G 1/2 m | 44 | 24 | 27 | 12 | 95 | ESEG 12 A | ESER 12 A |

Couplings with parallel female thread

| Thread connection | L | SW | D | L1 | Weight | Sleeve | |
|-------------------|------|----|----|------|--------|-----------------|------------------|
| | | | | | | Type No. smooth | Type No. knurled |
| G 1/4 f | 41.5 | 22 | 27 | 10.5 | 83 | ESEG 14 I | ESER 14 I |
| G 3/8 f | 41.5 | 22 | 27 | 10.5 | 83 | ESEG 38 I | ESER 38 I |
| G 1/2 f | 43 | 24 | 27 | 12 | 92 | ESEG 12 I | ESER 12 I |

Couplings with hose stem

| Hose connection | L | SW | D | L1 | Weight | Sleeve | |
|-----------------|----|----|----|----|--------|-----------------|------------------|
| | | | | | | Type No. smooth | Type No. knurled |
| Hose i.D. 6 | 56 | 22 | 27 | 25 | 92 | ESEG 6 T | ESER 6 T |
| Hose i.D. 8 | 56 | 22 | 27 | 25 | 92 | ESEG 8 T | ESER 8 T |
| Hose i.D. 9 | 56 | 22 | 27 | 25 | 92 | ESEG 9 T | ESER 9 T |
| Hose i.D. 10 | 56 | 22 | 27 | 25 | 93 | ESEG 10 T | ESER 10 T |
| Hose i.D. 13 | 56 | 22 | 27 | 25 | 95 | ESEG 13 T | ESER 13 T |

For hose clips type HSE (© page 357)

Couplings with hose squeeze nut

| Hose connection | L | SW | D | L1 | SW1 | Weight | Sleeve | |
|-----------------|----|----|----|-----|-----|--------|-----------------|------------------|
| | | | | | | | Type No. smooth | Type No. knurled |
| Hose 8x12 | 48 | 22 | 27 | 9.5 | 17 | 107 | ESEG 812 TQ | ESER 812 TQ |

O-rings approved for the food industry (VO 1935/2004)

*subject to media and sealing material

Available with smooth surface to avoid dirt from collecting at increased hygiene regulations or with knurled sleeve

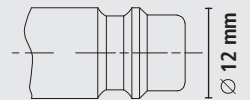


Quick Connect Couplings

single shut-off **Series ESE**

DN 7.2

Plug Profile (original size)



Plugs with male thread

| Thread connection | L | SW | L1 | L2 | Weight | Type No. |
|-------------------|----|----|----|----|--------|-----------|
| G 1/4 m | 33 | 17 | 9 | 20 | 22 | ESE 14 NA |
| G 3/8 m | 33 | 19 | 9 | 20 | 25 | ESE 38 NA |
| G 1/2 m | 37 | 24 | 12 | 20 | 45 | ESE 12 NA |

Plugs with female thread

| Thread connection | L | SW | L1 | L2 | Weight | Type No. |
|-------------------|----|----|----|----|--------|-----------|
| G 1/4 f | 32 | 17 | 10 | 20 | 20 | ESE 14 NI |
| G 3/8 f | 32 | 19 | 10 | 20 | 25 | ESE 38 NI |
| G 1/2 f | 35 | 24 | 12 | 20 | 36 | ESE 12 NI |

Plugs with hose stem

| Hose connection | L | D | L1 | L2 | Weight | Type No. |
|-----------------|----|----|----|----|--------|----------|
| Hose i.D. 6 | 46 | 12 | 25 | 20 | 13 | ESE 6 S |
| Hose i.D. 8 | 46 | 12 | 25 | 20 | 15 | ESE 8 S |
| Hose i.D. 9 | 46 | 12 | 25 | 20 | 14 | ESE 9 S |
| Hose i.D. 10 | 46 | 12 | 25 | 20 | 17 | ESE 10 S |
| Hose i.D. 13 | 46 | 12 | 25 | 20 | 24 | ESE 13 S |

For hose clips type HSE (© page 357)

Plugs with hose squeeze nut

| Hose connection | L | SW | L1 | L2 | SW1 | Weight | Type No. |
|-----------------|----|----|-----|----|-----|--------|------------|
| Hose 8x12 | 42 | 17 | 9.5 | 20 | 19 | 51 | ESE 812 SQ |

