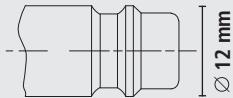


# Quick Connect Couplings

## Series ESE double shut-off

**DN 7.2**

Plug Profile (original size)

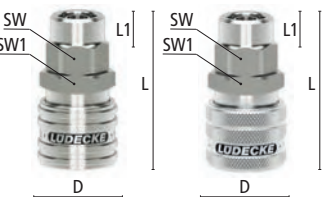
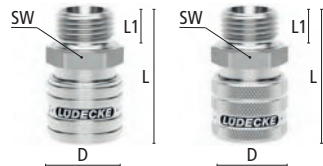


- Universal one-hand quick connect couplings made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Double shut-off to avoid leaking media when disconnecting
- Please note: Valve construction designed for media flow from coupling to plug
- Suitable for low vacuum at low couple force compared to all other compatible products
- Attention: Couplings can be connected with straight-through plugs DN 7.2. However, double shut-off plugs cannot be connected with standard couplings DN 7.2
- Several fields of application, above all for liquid media in plant construction, measure and regulation technology, pharmacy, medical technology, chemical industry, food industry as well as for increased purity and hygiene regulations

### 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 | 660 l/min | One-hand  | Double shut-off | Different | Worldwide | Coupl. 1/ Plug 5 |



### Couplings with parallel male thread

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

### Couplings with parallel female thread

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

### Couplings with hose stem

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

For hose clips type HSE (© page 357)

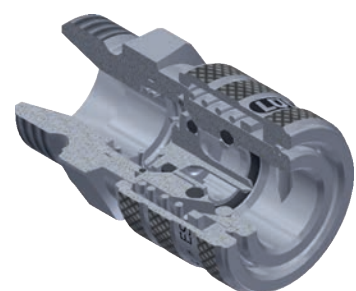
### Couplings with hose squeeze nut

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

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

\*subject to media and sealing materials

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

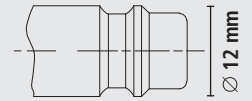


# Quick Connect Couplings

double shut-off **Series ESE**

**DN 7.2**

Plug Profile (original size)



## Plugs with parallel male thread

| Thread connection | L  | SW | L1 | L2 | Weight | Type No.    |
|-------------------|----|----|----|----|--------|-------------|
| G 1/4 m           | 43 | 22 | 9  | 20 | 52     | ESE 14 NAAB |
| G 3/8 m           | 45 | 22 | 10 | 20 | 55     | ESE 38 NAAB |
| G 1/2 m           | 47 | 24 | 12 | 20 | 62     | ESE 12 NAAB |

## Plugs with parallel female thread

| Thread connection | L    | SW | L1   | L2 | Weight | Type No.    |
|-------------------|------|----|------|----|--------|-------------|
| G 1/4 f           | 44   | 22 | 10.5 | 20 | 55     | ESE 14 NIAB |
| G 3/8 f           | 44   | 22 | 10.5 | 20 | 55     | ESE 38 NIAB |
| G 1/2 f           | 45.5 | 24 | 12   | 20 | 62     | ESE 12 NIAB |

## Plugs with hose stem

| Hose connection | L  | SW | L1 | L2 | Weight | Type No.   |
|-----------------|----|----|----|----|--------|------------|
| Hose i.D. 6     | 54 | 22 | 25 | 20 | 55     | ESE 6 SAB  |
| Hose i.D. 8     | 54 | 22 | 25 | 20 | 55     | ESE 8 SAB  |
| Hose i.D. 9     | 54 | 22 | 25 | 20 | 55     | ESE 9 SAB  |
| Hose i.D. 10    | 54 | 22 | 25 | 20 | 56     | ESE 10 SAB |
| Hose i.D. 13    | 54 | 22 | 25 | 20 | 57     | ESE 13 SAB |

For hose clips type HSE (© page 357)

NEW!

## 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 SQAB |

