

- Universal one-hand quick connect couplings made of brass MS 58 plain/ nickel-plated
- 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
- Closed sleeve design protects the coupling from dirt
- Adheres to the German Clean Air Act "TA-Luft" for industrial production plants
- **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 construction, control technology, switchboard cooling, etc.

### Materials

- Body, sleeve, valve body, valve, plug: Brass MS 58 plain/ nickel-plated
- Seals: NBR - additional charge for EPDM (0.40 Euro) and FKM seals (0.94 Euro)
- Springs, retaining ring: Stainless steel 1.4310
- Pins: Stainless steel 1.4305

| Max. Working Pressure | Temperature    | DN  | Thread  | Flow Rate | Operation | Type of valve   | Media        | Area      |    |
|-----------------------|----------------|-----|---------|-----------|-----------|-----------------|--------------|-----------|----|
| PN 35 bar             | -20°C – +100°C | 7.2 | ISO 228 | 630 l/min | One-hand  | Double shut-off | Air / Others | Worldwide | 10 |

### Couplings with male thread

| Thread connection      | L  | SW | D  | L1 | Weight | Type No. n. plated | Type No. plain |
|------------------------|----|----|----|----|--------|--------------------|----------------|
| <b>NEW!</b> G 1/8 m    | 40 | 22 | 27 | 9  | 73     | ESN 18 AAB         | ES 18 AAB      |
| G 1/4 m                | 40 | 22 | 27 | 9  | 73     | ESN 14 AAB         | ES 14 AAB      |
| G 3/8 m                | 41 | 22 | 27 | 9  | 76     | ESN 38 AAB         | ES 38 AAB      |
| G 1/2 m                | 41 | 24 | 27 | 10 | 87     | ESN 12 AAB         | ES 12 AAB      |
| <b>NEW!</b> M 14x1.5 m | 40 | 22 | 27 | 9  | 78     | ESN 1415 AAB       | ES 1415 AAB    |
| <b>NEW!</b> M 16x1.5 m | 40 | 22 | 27 | 9  | 78     | ESN 1615 AAB       | ES 1615 AAB    |
| <b>NEW!</b> M 18x1.5 m | 40 | 22 | 27 | 9  | 78     | ESN 1815 AAB       | ES 1815 AAB    |

Male thread sealing with PVC sealing ring type HPD (© page 212)

### Couplings with female thread

| Thread connection      | L    | SW | D  | L1   | Weight | Type No. n. plated | Type No. plain |
|------------------------|------|----|----|------|--------|--------------------|----------------|
| <b>NEW!</b> G 1/8 f    | 41   | 22 | 27 | 10.5 | 92     | ESN 18 IAB         | ES 18 IAB      |
| G 1/4 f                | 41   | 22 | 27 | 10.5 | 92     | ESN 14 IAB         | ES 14 IAB      |
| G 3/8 f                | 41   | 22 | 27 | 10.5 | 85     | ESN 38 IAB         | ES 38 IAB      |
| G 1/2 f                | 42.5 | 24 | 27 | 12   | 87     | ESN 12 IAB         | ES 12 IAB      |
| <b>NEW!</b> M 14x1.5 f | 41.5 | 22 | 27 | 11   | 85     | ESN 1415 IAB       | ES 1415 IAB    |
| <b>NEW!</b> M 16x1.5 f | 41.5 | 22 | 27 | 11   | 85     | ESN 1615 IAB       | ES 1615 IAB    |
| <b>NEW!</b> M 18x1.5 f | 41.5 | 22 | 27 | 11   | 85     | ESN 1815 IAB       | ES 1815 IAB    |

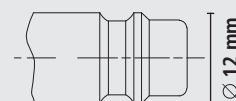
### Couplings with hose barb

| Hose connection    | L  | D  | L1 | Weight | Type No. n. plated | Type No. plain |
|--------------------|----|----|----|--------|--------------------|----------------|
| <b>NEW!</b> SLW 6  | 55 | 27 | 25 | 64     | ESN 6 TAB          | ES 6 TAB       |
| <b>NEW!</b> SLW 8  | 55 | 27 | 25 | 64     | ESN 8 TAB          | ES 8 TAB       |
| <b>NEW!</b> SLW 9  | 55 | 27 | 25 | 68     | ESN 9 TAB          | ES 9 TAB       |
| <b>NEW!</b> SLW 10 | 55 | 27 | 25 | 68     | ESN 10 TAB         | ES 10 TAB      |
| <b>NEW!</b> SLW 13 | 55 | 27 | 25 | 75     | ESN 13 TAB         | ES 13 TAB      |

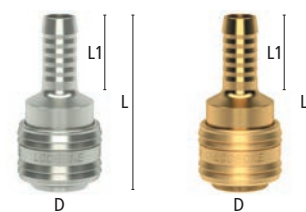
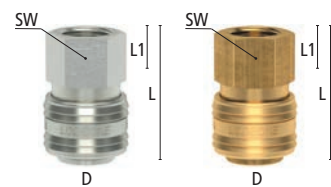
For hose clips type ZOS (© page 130), type HS (© page 131) or crimping ferrules type LPH (© page 133)

## DN 7.2

Plug Profile (original size)



Also in Stainless Steel  
Series ESE  
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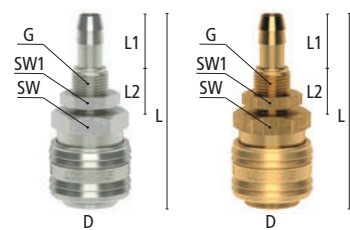
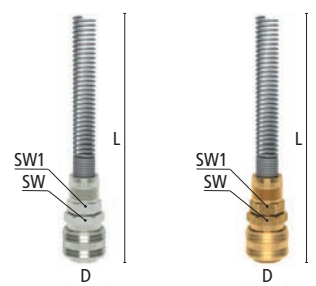
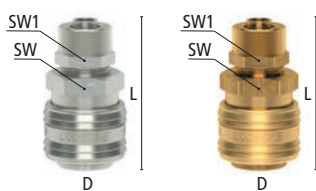
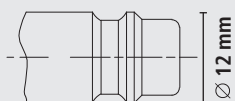


# Quick Connect Couplings The original

## Series ES double shut-off

### DN 7.2

Plug Profile (original size)



#### Couplings with squeeze nut

| Hose connection | L  | SW | D  | SW1 | Weight | Type No. n. plated | Type No. plain |
|-----------------|----|----|----|-----|--------|--------------------|----------------|
| Hose 4x6        | 44 | 22 | 27 | 12  | 73     | ESN 4 TQAB         | ES 4 TQAB      |
| Hose 6x8        | 44 | 22 | 27 | 14  | 78     | ESN 6 TQAB         | ES 6 TQAB      |
| Hose 8x10       | 48 | 22 | 27 | 17  | 83     | ESN 8 TQAB         | ES 8 TQAB      |
| Hose 9x12       | 48 | 22 | 27 | 17  | 85     | ESN 9 TQAB         | ES 9 TQAB      |

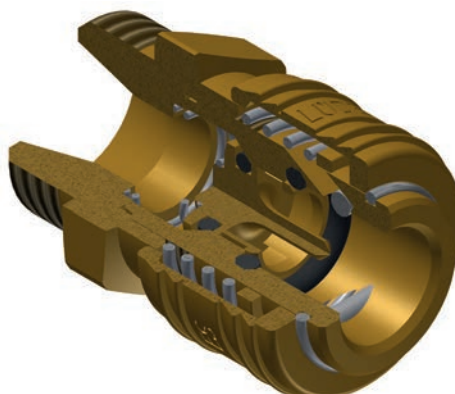
#### Couplings with squeeze nut and spring guard

| Hose connection | L   | SW | D  | SW1 | Weight | Type No. n. plated | Type No. plain |
|-----------------|-----|----|----|-----|--------|--------------------|----------------|
| Hose 4x6        | 125 | 22 | 27 | 12  | 85     | ESN 4 TQFAB        | ES 4 TQFAB     |
| Hose 5x8        | 130 | 22 | 27 | 14  | 88     | ESN 58 TQFAB       | ES 58 TQFAB    |
| Hose 6x8        | 130 | 22 | 27 | 14  | 90     | ESN 6 TQFAB        | ES 6 TQFAB     |
| Hose 6,5x10     | 130 | 22 | 27 | 17  | 95     | ESN 6510 TQFAB     | ES 6510 TQFAB  |
| Hose 8x10       | 136 | 22 | 27 | 19  | 120    | ESN 8 TQFAB        | ES 8 TQFAB     |
| Hose 8x12       | 140 | 22 | 27 | 19  | 130    | ESN 812 TQFAB      | ES 812 TQFAB   |
| Hose 9x12       | 126 | 22 | 27 | 19  | 141    | ESN 9 TQFAB        | ES 9 TQFAB     |

#### Bulkhead couplings

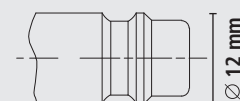
| Hose connect. | L  | SW | D  | L1 | L2 | SW1 | G        | Weight | Type No. n. plated | Type No. plain |
|---------------|----|----|----|----|----|-----|----------|--------|--------------------|----------------|
| Hose i.D. 6   | 62 | 22 | 27 | 17 | 14 | 17  | M 12x1 m | 87     | ESN 6 TSVAB        | ES 6 TSVAB     |
| Hose i.D. 8   | 62 | 22 | 27 | 17 | 14 | 17  | M 12x1 m | 88     | ESN 8 TSVAB        | ES 8 TSVAB     |
| Hose i.D. 10  | 70 | 22 | 27 | 25 | 14 | 19  | M 14x1 m | 90     | ESN 10 TSVAB       | ES 10 TSVAB    |

For hose clips type ZOS (© page 130), type HS (© page 131) or crimping ferrules type LPH (© page 133)



**DN 7.2**

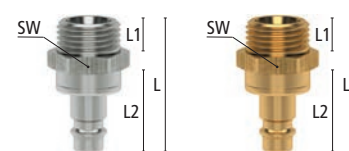
Plug Profile (original size)



**Plugs with male thread**

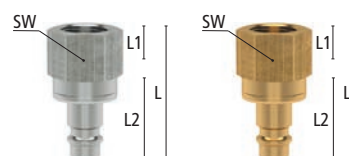
| Thread connection      | L  | SW | L1 | L2 | Weight | Type No. n. plated | Type No. plain |
|------------------------|----|----|----|----|--------|--------------------|----------------|
| <b>NEW!</b> G 1/8 m    | 43 | 22 | 9  | 20 | 45     | ESN 18 NAAB        | ES 18 NAAB     |
| G 1/4 m                | 43 | 22 | 9  | 20 | 45     | ESN 14 NAAB        | ES 14 NAAB     |
| G 3/8 m                | 44 | 22 | 10 | 20 | 48     | ESN 38 NAAB        | ES 38 NAAB     |
| G 1/2 m                | 44 | 24 | 10 | 20 | 60     | ESN 12 NAAB        | ES 12 NAAB     |
| <b>NEW!</b> M 14x1.5 m | 43 | 22 | 9  | 20 | 46     | ESN 1415 NAAB      | ES 1415 NAAB   |
| M 16x1.5 m             | 43 | 22 | 9  | 20 | 46     | ESN 1615 NAAB      | ES 1615 NAAB   |
| <b>NEW!</b> M 18x1.5 m | 43 | 22 | 9  | 20 | 46     | ESN 1815 NAAB      | ES 1815 NAAB   |

Male thread sealing with PVC sealing ring type HPD (© page 212)



**Plugs with female thread**

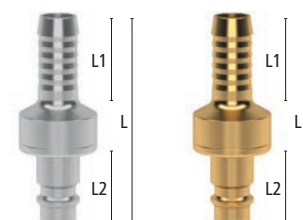
| Thread connection      | L    | SW | L1   | L2 | Weight | Type No. n. plated | Type No. plain |
|------------------------|------|----|------|----|--------|--------------------|----------------|
| <b>NEW!</b> G 1/8 f    | 44   | 22 | 10.5 | 20 | 64     | ESN 18 NIAB        | ES 18 NIAB     |
| G 1/4 f                | 44   | 22 | 10.5 | 20 | 64     | ESN 14 NIAB        | ES 14 NIAB     |
| G 3/8 f                | 44   | 22 | 10.5 | 20 | 57     | ESN 38 NIAB        | ES 38 NIAB     |
| G 1/2 f                | 44.5 | 24 | 12   | 20 | 62     | ESN 12 NIAB        | ES 12 NIAB     |
| <b>NEW!</b> M 14x1.5 f | 43.5 | 22 | 11   | 20 | 60     | ESN 1415 NIAB      | ES 1415 NIAB   |
| M 16x1.5 f             | 43.5 | 22 | 11   | 20 | 60     | ESN 1615 NIAB      | ES 1615 NIAB   |
| <b>NEW!</b> M 18x1.5 f | 43.5 | 22 | 11   | 20 | 60     | ESN 1815 NIAB      | ES 1815 NIAB   |



**Plugs with hose barb**

| Hose connection          | L  | L1 | L2 | Weight | Type No. n. plated | Type No. plain |
|--------------------------|----|----|----|--------|--------------------|----------------|
| <b>NEW!</b> Hose i.D. 4  | 58 | 25 | 20 | 34     | ESN 4 SAB          | ES 4 SAB       |
| <b>NEW!</b> Hose i.D. 6  | 58 | 25 | 20 | 34     | ESN 6 SAB          | ES 6 SAB       |
| <b>NEW!</b> Hose i.D. 8  | 58 | 25 | 20 | 34     | ESN 8 SAB          | ES 8 SAB       |
| Hose i.D. 9              | 58 | 25 | 20 | 38     | ESN 9 SAB          | ES 9 SAB       |
| <b>NEW!</b> Hose i.D. 10 | 58 | 25 | 20 | 44     | ESN 10 SAB         | ES 10 SAB      |
| Hose i.D. 13             | 58 | 25 | 20 | 44     | ESN 13 SAB         | ES 13 SAB      |

For hose clips type ZOS (© page 130), type HS (© page 131) or crimping ferrules type LPH (© page 133)



**Plug with squeeze nut**

| Hose connection      | L  | SW | L1 | SW1 | Weight | Type No. n. plated | Type No. plain |
|----------------------|----|----|----|-----|--------|--------------------|----------------|
| <b>NEW!</b> Hose 4x6 | 34 | 12 | 20 | -   | 18     | ESN 4 SQAB         | ES 4 SQAB      |
| Hose 6x8             | 34 | 14 | 20 | -   | 19     | ESN 6 SQAB         | ES 6 SQAB      |
| Hose 8x10            | 43 | 17 | 20 | 17  | 38     | ESN 8 SQAB         | ES 8 SQAB      |
| Hose 9x12            | 43 | 17 | 20 | 17  | 36     | ESN 9 SQAB         | ES 9 SQAB      |

