

- Universal one-hand quick connect couplings made of brass MS 58 plain/ nickel-plated
- Suitable for low vacuum at low couple force compared to all other compatible products
- Closed sleeve design protects the coupling from dirt
- For compressed air supply in industry, handcrafts, hobby as well as for water and other media

**Materials**

- Body, sleeve, valve body, valve: Brass MS 58 plain/ nickel-plated
- Springs, retaining ring: Stainless steel 1.4310
- Pins: Stainless steel 1.4305
- Seals: NBR - additional charge for EPDM (0.40 Euro) and FKM seals (0.94 Euro)
- Plug: Brass MS 58 plain/ nickel-plated or steel zinc-plated and yellow passivated (free of chrome VI)

| 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/ DIN EN 10226/ DIN 13 | 1100 l/min | One-hand  | Single shut-off | Air / Others | Worldwide | 10 |

**Couplings with male thread**

| Thread connection | L  | SW | D  | L1 | Weight | Type No. n. plated | Type No. plain |
|-------------------|----|----|----|----|--------|--------------------|----------------|
| G 1/8 m           | 38 | 22 | 27 | 7  | 70     | ESN 18 A           | ES 18 A        |
| G 1/4 m           | 40 | 22 | 27 | 9  | 73     | ESN 14 A           | ES 14 A        |
| G 3/8 m           | 41 | 22 | 27 | 9  | 76     | ESN 38 A           | ES 38 A        |
| G 1/2 m           | 41 | 24 | 27 | 10 | 87     | ESN 12 A           | ES 12 A        |
| M 14x1.5 m        | 40 | 22 | 27 | 9  | 75     | ESN 1415 A         | ES 1415 A      |
| M 16x1.5 m        | 40 | 22 | 27 | 9  | 75     | ESN 1615 A         | ES 1615 A      |
| M 18x1.5 m        | 40 | 22 | 27 | 10 | 78     | ESN 1815 A         | ES 1815 A      |

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

**Couplings with tapered/ cylindrical male thread, environmentally friendly Loctite-coated**

| Thread connection | L  | SW | D  | L1 | Weight | Type No. plain |
|-------------------|----|----|----|----|--------|----------------|
| R 1/4 m           | 42 | 22 | 27 | 11 | 76     | ES 14 AB       |
| R 3/8 m           | 44 | 22 | 27 | 12 | 79     | ES 38 AB       |
| G 1/2 m           | 45 | 22 | 27 | 15 | 96     | ES 12 AB       |

**Couplings with female thread**

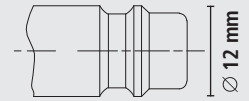
| Thread connection | L    | SW | D  | L1   | Weight | Type No. n. plated | Type No. plain |
|-------------------|------|----|----|------|--------|--------------------|----------------|
| G 1/8 f           | 39   | 22 | 27 | 9    | 90     | ESN 18 I           | ES 18 I        |
| G 1/4 f           | 41   | 22 | 27 | 10.5 | 92     | ESN 14 I           | ES 14 I        |
| G 3/8 f           | 41   | 22 | 27 | 10.5 | 85     | ESN 38 I           | ES 38 I        |
| G 1/2 f           | 42.5 | 24 | 27 | 12   | 87     | ESN 12 I           | ES 12 I        |
| G 3/4 f           | 43.5 | 32 | 27 | 13   | 110    | ESN 34 I           | ES 34 I        |
| M 14x1.5 f        | 41.5 | 22 | 27 | 11   | 90     | ESN 1415 I         | ES 1415 I      |
| M 16x1.5 f        | 41.5 | 22 | 27 | 11   | 84     | ESN 1615 I         | ES 1615 I      |
| M 18x1.5 f        | 41.5 | 22 | 27 | 12   | 80     | ESN 1815 I         | ES 1815 I      |

**Couplings with hose barb**

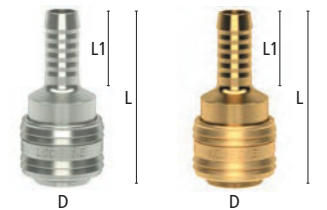
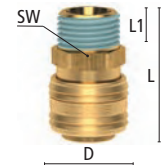
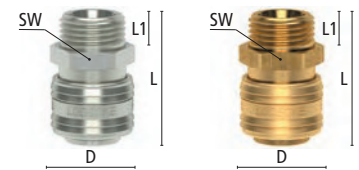
| Hose connection | L  | D  | L1 | Weight | Type No. n. plated | Type No. plain |
|-----------------|----|----|----|--------|--------------------|----------------|
| Hose i.D. 6     | 55 | 27 | 25 | 64     | ESN 6 T            | ES 6 T         |
| Hose i.D. 8     | 55 | 27 | 25 | 67     | ESN 8 T            | ES 8 T         |
| Hose i.D. 9     | 55 | 27 | 25 | 68     | ESN 9 T            | ES 9 T         |
| Hose i.D. 10    | 58 | 27 | 28 | 70     |                    | ES 10 TH*      |
| Hose i.D. 10    | 55 | 27 | 25 | 70     | ESN 10 T           | ES 10 T        |
| Hose i.D. 13    | 58 | 27 | 28 | 75     |                    | ES 13 TH*      |
| Hose i.D. 13    | 55 | 27 | 25 | 75     | ESN 13 T           | ES 13 T        |

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

\* ES 10 TH and ES 13 TH for the use with quick-fit hoses (e.g. Parker Push-Lock, Gates Lock-on)

**DN 7.2****Plug Profile (original size)**

Also in Stainless Steel  
**Series ESE**  
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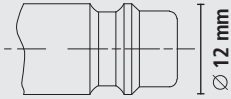


# Quick Connect Couplings The original

## Series ES single 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 TQ           | ES 4 TQ        |
| Hose 6x8        | 44 | 22 | 27 | 14  | 78     | ESN 6 TQ           | ES 6 TQ        |
| Hose 8x10       | 48 | 22 | 27 | 17  | 83     | ESN 8 TQ           | ES 8 TQ        |
| Hose 9x12       | 48 | 22 | 27 | 17  | 85     | ESN 9 TQ           | ES 9 TQ        |

#### 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 TQF          | ES 4 TQF       |
| Hose 5x8        | 130 | 22 | 27 | 14  | 88     | NEW! ESN 58 TQF*   | ES 58 TQF*     |
| Hose 6x8        | 130 | 22 | 27 | 14  | 90     | ESN 6 TQF          | ES 6 TQF       |
| Hose 6.5x10     | 130 | 22 | 27 | 17  | 95     | NEW! ESN 6510 TQF* | ES 6510 TQF*   |
| Hose 8x10       | 136 | 22 | 27 | 19  | 120    | ESN 8 TQF          | ES 8 TQF       |
| Hose 8x12       | 140 | 22 | 27 | 19  | 130    | NEW! ESN 812 TQF*  | ES 812 TQF*    |
| Hose 9x12       | 126 | 22 | 27 | 19  | 141    | ESN 9 TQF          | ES 9 TQF       |

\* = 5

#### 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 TSV          | ES 6 TSV       |
| Hose i.D. 8   | 62 | 22 | 27 | 17 | 14 | 17  | M 12x1 m | 88     | ESN 8 TSV          | ES 8 TSV       |
| Hose i.D. 10  | 70 | 22 | 27 | 25 | 14 | 19  | M 14x1 m | 90     | ESN 10 TSV         | ES 10 TSV      |

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

#### Couplings with plug DN 5-ESM system adapter

| Connection    | L  | D  | L1 | DS | Weight | Type No. |
|---------------|----|----|----|----|--------|----------|
| Plug ESM DN 5 | 44 | 27 | 14 | 9  | 69     | ESK-ESMS |

#### Couplings with angle hose barb 45°

| Hose connection | L  | D  | L1 | Weight | Type No.   |
|-----------------|----|----|----|--------|------------|
| Hose i.D. 6     | 44 | 27 | 27 | 100    | ES 6 T-45  |
| Hose i.D. 9     | 44 | 27 | 27 | 100    | ES 9 T-45  |
| Hose i.D. 13    | 44 | 27 | 30 | 110    | ES 13 T-45 |

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

#### Couplings with angle hose barb 90°

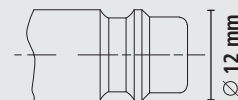
| Hose connection | L  | D  | L1 | Weight | Type No.   |
|-----------------|----|----|----|--------|------------|
| Hose i.D. 6     | 44 | 27 | 26 | 105    | ES 6 T-90  |
| Hose i.D. 9     | 44 | 27 | 26 | 105    | ES 9 T-90  |
| Hose i.D. 13    | 44 | 27 | 28 | 115    | ES 13 T-90 |

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

Angle-Thread Couplings available on request.

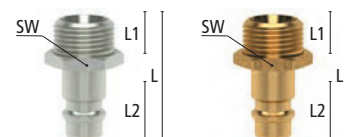
**DN 7.2**

Plug Profile (original size)

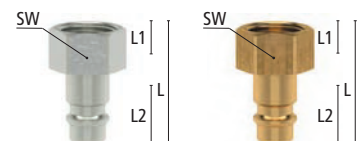
**Plugs with male thread**

| Thread connection | L  | SW | L1 | L2 | Material       | Weight | Type No. n. plated      | Type No. plain |
|-------------------|----|----|----|----|----------------|--------|-------------------------|----------------|
| G 1/8 m           | 31 | 13 | 7  | 20 | MS 58          | 17     | ESN 18 NA               | ES 18 NA       |
| G 1/4 m           | 33 | 17 | 9  | 20 | MS 58          | 21     | ESN 14 NA               | ES 14 NA       |
| G 3/8 m           | 33 | 19 | 9  | 20 | MS 58          | 26     | ESN 38 NA               | ES 38 NA       |
| G 1/2 m           | 35 | 24 | 10 | 20 | MS 58          | 41     | ESN 12 NA               | ES 12 NA       |
| M 14x1.5 m        | 33 | 17 | 9  | 20 | MS 58          | 26     | <b>NEW!</b> ESN 1415 NA | ES 1415 NA     |
| M 16x1.5 m        | 33 | 19 | 9  | 20 | MS 58          | 32     | <b>NEW!</b> ESN 1615 NA | ES 1615 NA     |
| M 18x1.5 m        | 34 | 22 | 10 | 20 | MS 58          | 36     | <b>NEW!</b> ESN 1815 NA | ES 1815 NA     |
| G 1/8 m           | 31 | 13 | 7  | 20 | Steel zinc-pl. | 15     |                         | ES 18 NAS      |
| G 1/4 m           | 33 | 17 | 9  | 20 | Steel zinc-pl. | 19     |                         | ES 14 NAS      |
| G 3/8 m           | 33 | 19 | 9  | 20 | Steel zinc-pl. | 24     |                         | ES 38 NAS      |
| G 1/2 m           | 36 | 24 | 10 | 20 | Steel zinc-pl. | 39     |                         | ES 12 NAS      |

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

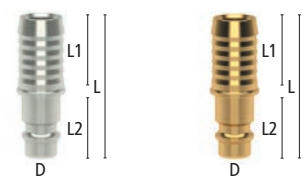
**Plugs with female thread**

| Thread connection | L  | SW | L1 | L2 | Material       | Weight | Type No. n. plated      | Type No. plain |
|-------------------|----|----|----|----|----------------|--------|-------------------------|----------------|
| G 1/8 f           | 31 | 13 | 9  | 20 | MS 58          | 16     | ESN 18 NI               | ES 18 NI       |
| G 1/4 f           | 33 | 17 | 10 | 20 | MS 58          | 24     | ESN 14 NI               | ES 14 NI       |
| G 3/8 f           | 33 | 19 | 10 | 20 | MS 58          | 23     | ESN 38 NI               | ES 38 NI       |
| G 1/2 f           | 35 | 24 | 12 | 20 | MS 58          | 38     | ESN 12 NI               | ES 12 NI       |
| M 14x1.5 f        | 33 | 17 | 11 | 20 | MS 58          | 25     | <b>NEW!</b> ESN 1415 NI | ES 1415 NI     |
| M 16x1.5 f        | 33 | 19 | 11 | 20 | MS 58          | 36     | <b>NEW!</b> ESN 1615 NI | ES 1615 NI     |
| M 18x1.5 f        | 35 | 22 | 12 | 20 | MS 58          | 43     | <b>NEW!</b> ESN 1815 NI | ES 1815 NI     |
| G 1/8 f           | 31 | 13 | 9  | 20 | Steel zinc-pl. | 15     |                         | ES 18 NIS      |
| G 1/4 f           | 33 | 17 | 10 | 20 | Steel zinc-pl. | 22     |                         | ES 14 NIS      |
| G 3/8 f           | 33 | 19 | 10 | 20 | Steel zinc-pl. | 21     |                         | ES 38 NIS      |
| G 1/2 f           | 35 | 24 | 12 | 20 | Steel zinc-pl. | 35     |                         | ES 12 NIS      |

**Plugs with hose barb**

| Hose connection | L  | D  | L1   | L2 | Material       | Weight | Type No. n. plated | Type No. plain |
|-----------------|----|----|------|----|----------------|--------|--------------------|----------------|
| Hose i.D. 4     | 44 | 12 | 22,5 | 20 | MS 58          | 10     | ESN 4 S            | ES 4 S         |
| Hose i.D. 6     | 44 | 12 | 24   | 20 | MS 58          | 14     | ESN 6 S            | ES 6 S         |
| Hose i.D. 8     | 44 | 12 | 24   | 20 | MS 58          | 18     | ESN 8 S            | ES 8 S         |
| Hose i.D. 9     | 44 | 12 | 24   | 20 | MS 58          | 17     | ESN 9 S            | ES 9 S         |
| Hose i.D. 10    | 47 | 12 | 26   | 20 | MS 58          | 21     |                    | ES 10 SH*      |
| Hose i.D. 10    | 44 | 12 | 23   | 20 | MS 58          | 19     | ESN 10 S           | ES 10 S        |
| Hose i.D. 13    | 47 | 15 | 26   | 20 | MS 58          | 26     |                    | ES 13 SH*      |
| Hose i.D. 13    | 44 | 15 | 23   | 20 | MS 58          | 24     | ESN 13 S           | ES 13 S        |
| Hose i.D. 6     | 44 | 12 | 24   | 20 | Steel zinc-pl. | 13     |                    | ES 6 SS        |
| Hose i.D. 8     | 44 | 12 | 24   | 20 | Steel zinc-pl. | 18     |                    | ES 8 SS        |
| Hose i.D. 9     | 44 | 12 | 24   | 20 | Steel zinc-pl. | 16     |                    | ES 9 SS        |
| Hose i.D. 13    | 44 | 15 | 23   | 20 | Steel zinc-pl. | 26     |                    | ES 13 SS       |

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



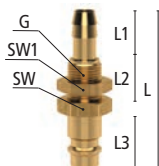
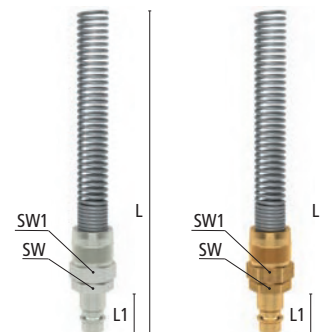
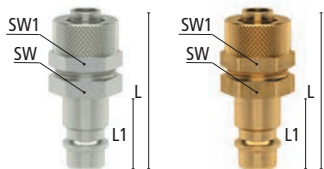
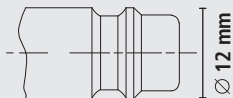
\* ES 10 TH and ES 13 TH for the use with quick-fit hoses (e.g. Parker Push-Lock, Gates Lock-on)

# Quick Connect Couplings The original

## Series ES single shut-off

### DN 7.2

Plug Profile (original size)



#### Plugs with squeeze nut

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

#### Plugs with squeeze nut and spring guard

| Hose connection | L   | SW | L1 | SW1 | Weight | Type No. n. plated        | Type No. plain |
|-----------------|-----|----|----|-----|--------|---------------------------|----------------|
| Hose 4x6        | 115 | -  | 20 | 12  | 30     | ESN 4 SQF                 | ES 4 SQF       |
| Hose 5x8        | 115 | 17 | 20 | 14  | 34     | <b>NEW!</b> ESN 58 SQF*   | ES 58 SQF*     |
| Hose 6x8        | 115 | -  | 20 | 14  | 37     | ESN 6 SQF                 | ES 6 SQF       |
| Hose 6.5x10     | 115 | 17 | 20 | 17  | 48     | <b>NEW!</b> ESN 6510 SQF* | ES 6510 SQF*   |
| Hose 8x10       | 132 | 17 | 20 | 19  | 83     | ESN 8 SQF                 | ES 8 SQF       |
| Hose 8x12       | 132 | 17 | 20 | 19  | 84     | <b>NEW!</b> ESN 812 SQF   | ES 812 SQF*    |
| Hose 9x12       | 132 | 17 | 20 | 19  | 86     | ESN 9 SQF                 | ES 9 SQF       |

\* = 5

#### Bulkhead plugs

| Hose connection | L  | SW | L1 | L2 | L3 | SW1 | G        | Weight | Type No.  |
|-----------------|----|----|----|----|----|-----|----------|--------|-----------|
| Hose i.D. 6     | 56 | 14 | 17 | 14 | 20 | 17  | M 12x1 m | 30     | ES 6 SSV  |
| Hose i.D. 8     | 56 | 17 | 17 | 14 | 20 | 17  | M 12x1 m | 35     | ES 8 SSV  |
| Hose i.D. 10    | 56 | 17 | 17 | 14 | 20 | 19  | M 14x1 m | 42     | ES 10 SSV |

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

#### Plug System-Adapters

| Connection    | L  | D  | L1 | L2 | DS | DS1 | Weight | Type No. |
|---------------|----|----|----|----|----|-----|--------|----------|
| DN 5 - DN 7.2 | 36 | 14 | 20 | 14 | 12 | 9   | 16     | ESM-ES   |

