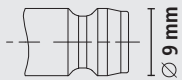


# Temperature Regulation Quick Connect Couplings

## Series ESHME plug size 9 mm – Stainless Steel 1.4305

### DN 6

Plug Profile (original size)



European Plug Profile



- One-hand quick connect couplings with reduced dimensions made of stainless steel 1.4305
- For temperature regulation applications with hot or cold water as well as tempered oil e.g. in clean-room applications
- Optional with straight-through, single or double shut-off valves
- All couplings available with security lock, just add „S“ on Type No. (Surcharge: 2.19 Euro gross)

### Materials

- Body, sleeve, valve body, valve, plug: Stainless Steel 1.4305
- Springs, retaining ring: Stainless Steel 1.4310
- Balls: Stainless Steel 1.4034
- Seals: FKM

| Max. Working Pressure | Temperature     | DN | Thread           | Operation | Type of valve                  | Media          |                   |
|-----------------------|-----------------|----|------------------|-----------|--------------------------------|----------------|-------------------|
| PN 15 bar             | -20°C – +200°C* | 6  | ISO 228 / DIN 13 | One-hand  | single/double/straight-through | Tempered media | Coupl. 1 / Plug 5 |

### Couplings with straight standard hose stem without/with valve

| Hose connection | L  | D  | L1   | DS | Passage | Weight | Type No. w/o. Valve | Type No. w. Valve |
|-----------------|----|----|------|----|---------|--------|---------------------|-------------------|
| Hose i.D. 9     | 53 | 17 | 22.5 | 9  | 6       | 45     | ESHME 9 TL          | ESHME 9 TLAB      |

### Couplings with 45° standard hose stem without/with valve

| Hose connection | L    | D  | L1   | DS | Passage | Weight | Type No. w/o. Valve | Type No. w. Valve |
|-----------------|------|----|------|----|---------|--------|---------------------|-------------------|
| Hose i.D. 9     | 42.5 | 17 | 22.5 | 9  | 6       | 62     | ESHME 9 TL-45       | ESHME 9 TL-45AB   |

### Couplings with 90° standard hose stem without/with valve

| Hose connection | L    | D  | L1   | DS | Passage | Weight | Type No. w/o. Valve | Type No. w. Valve |
|-----------------|------|----|------|----|---------|--------|---------------------|-------------------|
| Hose i.D. 9     | 42.5 | 17 | 22.5 | 9  | 6       | 62     | ESHME 9 TL-90       | ESHME 9 TL-90AB   |

### Couplings with straight male thread without/with valve (inner cone DIN 3863)

| Thread connection | L  | SW | D  | L1 | DS | Passage | Weight | Type No. w/o. Valve | Type No. w. Valve |
|-------------------|----|----|----|----|----|---------|--------|---------------------|-------------------|
| G 1/4 a           | 48 | 17 | 17 | 9  | 9  | 6       | 60     | ESHME 14 A          | ESHME 14 AAB      |
| M 14x1,5 a        | 48 | 17 | 17 | 9  | 9  | 6       | 60     | ESHME 1415 A        | ESHME 1415 AAB    |

### Couplings with 45° male thread without/with valve (inner cone DIN 3863)

| Thread connection | L  | SW | D  | L1 | DS | Passage | Weight | Type No. w/o. Valve | Type No. w. Valve |
|-------------------|----|----|----|----|----|---------|--------|---------------------|-------------------|
| G 1/4 m           | 47 | 16 | 17 | 9  | 9  | 6       | 65     | ESHME 14 A-45       | ESHME 14 A-45AB   |
| M 14x1.5 m        | 47 | 16 | 17 | 9  | 9  | 6       | 65     | ESHME 1415 A-45     | ESHME1415A-45AB   |

### Couplings with 90° male thread without/with valve (inner cone DIN 3863)

| Thread connection | L  | SW | D  | L1 | DS | Passage | Weight | Type No. w/o. Valve | Type No. w. Valve |
|-------------------|----|----|----|----|----|---------|--------|---------------------|-------------------|
| G 1/4 m           | 47 | 16 | 17 | 9  | 9  | 6       | 75     | ESHME 14 A-90       | ESHME 14 A-90AB   |
| M 14x1.5 m        | 47 | 16 | 17 | 9  | 9  | 6       | 75     | ESHME 1415 A-90     | ESHME1415A-90AB   |

Safe connection of individual coupling parts due to special glue and additional FKM O-ring sealing.

Other types/ sizes on request!

Suitable hose clips, double-ear hose clips or crimping ferrules for standard hoses (© page 398 - 401)

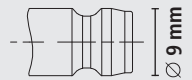
\*subject to media (oil: 200°C, water: 150°C, air: 200°C)

# Temperature Regulation Quick Connect Couplings

plug size 9 mm – Stainless Steel 1.4305 **Series ESHME**

**DN 6**

Plug Profile (original size)



### Plugs with standard hose stem without valve

| Hose connection | L    | D  | L1   | L2 | DS | Passage | Weight | Type No.   |
|-----------------|------|----|------|----|----|---------|--------|------------|
| Hose i.D. 9     | 39.5 | 12 | 22.5 | 14 | 9  | 6       | 13     | ESHME 9 SL |



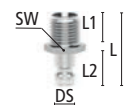
### Plugs with straight male thread without valve (inner cone DIN 3863)

| Thread connection | L  | SW | L1 | L2 | DS | Passage | Weight | Type No.      |
|-------------------|----|----|----|----|----|---------|--------|---------------|
| G 1/8 m           | 24 | 11 | 7  | 14 | 9  | 6       | 10     | ESHME 18 NA   |
| G 1/4 m           | 26 | 15 | 9  | 14 | 9  | 6       | 14     | ESHME 14 NA   |
| G 3/8 m           | 27 | 17 | 9  | 14 | 9  | 6       | 18     | ESHME 38 NA   |
| M 8x0.75 m        | 24 | 11 | 7  | 14 | 9  | 4.5     | 9      | ESHME 875 NA  |
| M 10x1 m          | 24 | 11 | 7  | 14 | 9  | 6       | 8      | ESHME 101 NA  |
| M 14x1.5 m        | 26 | 15 | 9  | 14 | 9  | 6       | 14     | ESHME 1415 NA |
| M 16x1.5 m        | 26 | 17 | 9  | 14 | 9  | 6       | 18     | ESHME 1615 NA |



### Plugs with straight male thread with valve

| Thread connection | L  | SW | L1 | L2 | DS | Passage | Weight | Type No.        |
|-------------------|----|----|----|----|----|---------|--------|-----------------|
| G 1/4 m           | 29 | 15 | 12 | 14 | 9  | 6       | 14     | ESHME 14 NAAB   |
| G 3/8 m           | 30 | 17 | 12 | 14 | 9  | 6       | 22     | ESHME 38 NAAB   |
| M 14x1.5 m        | 29 | 15 | 12 | 14 | 9  | 6       | 15     | ESHME 1415 NAAB |



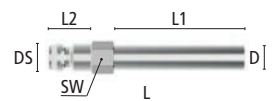
### Plug System Adapters

| Connection  | L  | D  | L1 | L2 | DS | DS1 | Passage | Weight | Type No.    |
|-------------|----|----|----|----|----|-----|---------|--------|-------------|
| DN 6 - DN 6 | 34 | 12 | 14 | 14 | 9  | 9   | 6       | 15     | ESHME-ESHME |
| DN 6 - DN 9 | 34 | 14 | 14 | 14 | 9  | 13  | 6       | 19     | ESHME-ESHE  |



### Plug Tubes for countersunk mould threads

| D  | L   | SW | L1  | L2 | DS | Passage | Weight | Type No.    |
|----|-----|----|-----|----|----|---------|--------|-------------|
| 8  | 63  | 9  | 42  | 14 | 9  | 6       | 14     | ESHME 63 R  |
| 8  | 100 | 9  | 79  | 14 | 9  | 6       | 20     | ESHME 100 R |
| 10 | 120 | 11 | 99  | 14 | 9  | 6       | 49     | ESHME 120 R |
| 10 | 240 | 11 | 219 | 14 | 9  | 6       | 96     | ESHME 240 R |



NEW