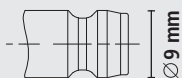


# Temperature Regulation Quick Connect Couplings

## Series ESHMT Plug size 9 mm - with Automatic Locking Mechanism

### DN 6

Plug Profile (original size)



Also in Stainless Steel  
Series ESHMTE  
Page 316

European  
Plug Profile

- One-hand quick connect couplings with small dimensions and patented automatic safety locking mechanism
- Forced guidance design with visual colour coding on the locking sleeve
- Combined pressure-torsion spring and strengthened release sleeve made of high resistant special brass
- For temperature regulation applications with hot or cold water as well as tempered oil
- Optional with straight-through, single or double shut-off valves
- To be coupled with plug Series ESHM DN 6 (page 152)
- Versions with additional O-ring sealing at connection port to prevent leakage in high-temperature applications

### Materials

- Body, valve body, valve: Brass MS 58 plain
- Sleeve: High resistant special brass plain/ nickel-plated
- Plug: Brass MS 58 plain/ nickel-plated
- Balls: Stainless steel 1.4034
- Springs, retaining ring: Stainless steel 1.4310
- Seals: High-Performance FKM

Max. Working Pressure	Temperature	DN	Thread	Operation	Type of valve	Media	
PN 15 bar	-20°C – +220°C*	6	ISO 288/ DIN 13	One-hand	single/double/straight-thr.	Tempered media	5

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

Hose connection	L	D	L1	DS	Passage	Weight	Type No w/o valve	Type No. w valve
Hose i.D. 9	61	18	22.5	9	6	58	ESHMT 9 TL	ESHMT 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	54	18	22.5	9	6	82	ESHMT 9 TL45	ESHMT 9 TL45AB

### 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	54	18	22.5	9	6	91	ESHMT 9 TL90	ESHMT 9 TL90AB

### Couplings with straight male long 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	58	17	18	11	9	6	73	ESHMT14AL	ESHMT14ALAB
G 3/8 m	57	19	18	11	9	6	76	ESHMT38AL	ESHMT38ALAB
M 14x1.5 m	58	17	18	11	9	6	76	ESHMT1415AL	ESHMT1415ALAB
M 16x1.5 m	57	19	18	11	9	6	76	ESHMT1615AL	ESHMT1615ALAB

### Couplings with 45° male long 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	52	17	18	11	9	6	85	ESHMT14AL45	ESHMT14AL45AB
G 3/8 m	52	17	18	11	9	6	101	ESHMT38AL45	ESHMT38AL45AB
M 14x1.5 m	52	17	18	11	9	6	87	ESHMT1415AL45	ESHMT1415AL45AB
M 16x1.5 m	52	17	18	11	9	6	87	ESHMT1615AL45	ESHMT1615AL45AB

### Couplings with 90° male long 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	52	17	18	11	9	6	94	ESHMT14AL90	ESHMT14AL90AB
G 3/8 m	52	17	18	11	9	6	100	ESHMT38AL90	ESHMT38AL90AB
M 14x1.5 m	52	17	18	11	9	6	96	ESHMT1415AL90	ESHMT1415AL90AB
M 16x1.5 m	52	17	18	11	9	6	96	ESHMT1615AL90	ESHMT1615AL90AB

Other types/ sizes on request

\*subject to media (oil: 220°C, water: 180°C, air: 220°C)

**Temp<sup>®</sup>  
Secure**  
by LUDECKE

