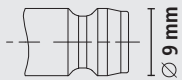


Temperature Regulation Quick Connect Couplings

Series ESHMTE plug size 9 mm – Stainless Steel 1.4305 with Automatic Locking Mechanism

DN 6

Plug Profile (original size)



European Plug Profile



- One-hand quick connect couplings with reduced dimensions made of stainless steel 1.4305 and patented automatic safety locking mechanism
- Forced guidance design with visual colour coding on the locking sleeve
- Combined pressure-torsion spring and sleeve made of stainless steel
- 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
- Please connect with plug series ESHME DN 6 (page 315)
- Versions with additional O-ring sealing at connection port to prevent leakage in high-temperature applications

Materials

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

Max. Working Pressure	Temperature	DN	Thread	Operation	Type of valve	Media	
PN 15 bar	-20°C – +220°C*	6	ISO 228/ DIN 13	One-hand	single/double/straight-through	Tempered media	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	61	18	22.5	9	6	54	ESHMTE 9 TL	ESHMTE 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	79	ESHMTE 9 TL45	ESHMTE 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	56	18	22.5	9	6	88	ESHMTE 9 TL90	ESHMTE 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	56.5	17	18	11	9	6	67	ESHMTE14AL	ESHMTE14ALAB
M 14x1.5 m	56.5	17	18	11	9	6	68	ESHMTE1415AL	ESHMTE1415ALAB

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	83	ESHMTE14AL45	ESHMTE14AL45AB
M 14x1.5 m	52	17	18	11	9	6	84	ESHMTE1415AL45	ESHMTE1415AL45AB

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	56	17	18	11	9	6	92	ESHMTE14AL90	ESHMTE14AL90AB
M 14x1.5 m	56	17	18	11	9	6	93	ESHMTE1415AL90	ESHMTE1415AL90AB

Other types/ sizes on request

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