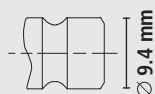


Temperature Regulation Quick Connect Couplings

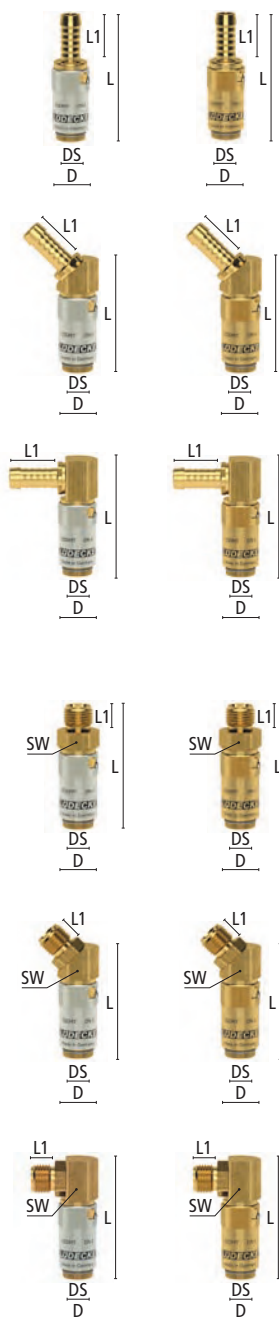
Series ESDMT Plug size 9.4 mm – with Automatic Locking Mechanism

DN 6

Plug Profile (original size)



International 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 ESDM DN 6 (page 168)
- Versions with additional O-ring sealing at connection port to prevent leakage with 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
- 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-thr.	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	60	18	22.5	9.4	6	55	ESDMT 9 TL	ESDMT 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	51	18	22.5	9.4	6	78	ESDMT 9 TL45	ESDMT 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	55	18	22.5	9.4	6	87	ESDMT 9 TL90	ESDMT 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	55.5	17	18	11	9.4	6	69	ESDMT14AL	ESDMT14ALAB
M 14x1.5 m	55.5	17	18	11	9.4	6	70	ESDMT1415AL	ESDMT1415ALAB

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	51	17	18	11	9.4	6	81	ESDMT14AL45	ESDMT14AL45AB
M 14x1.5 m	51	17	18	11	9.4	6	82	ESDMT1415AL45	ESDMT1415AL45AB

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	55	17	18	11	9.4	6	90	ESDMT14AL90	ESDMT14AL90AB
M 14x1.5 m	55	17	18	11	9.4	6	91	ESDMT1415AL90	ESDMT1415AL90AB

Other types/ sizes on request

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