

Temperature Regulation Quick Connect Couplings

Series ESHGTE plug size 19 mm – Stainless Steel 1.4305 with Automatic Locking Mechanism

DN 13

- One-hand quick connect couplings made of stainless steel 1.4305 with patented automatic safety locking mechanism
- Forced guidance design with visual 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
- 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*	13	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. 13	82	34	25	19	9.5	221	ESHGTE 13 TL	ESHGTE 13 TLAB
Hose i.D. 19	90	34	34	19	14	239	ESHGTE 19 TL	ESHGTE 19 TLAB

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 1/2 m	76	30	34	15	19	13	255	ESHGTE 12 A	ESHGTE 12 AAB
G 3/4 m	77	30	34	16	19	13	279	ESHGTE 34 A	ESHGTE 34 AAB
M 24x1.5 m	77	30	34	16	19	13	269	ESHGTE 2415 A	ESHGTE 2415 AAB

Couplings with straight female thread without/with valve

Thread connection	L	SW	D	L1	DS	Passage	Weight	Type No. w/o. Valve	Type No. w. Valve
G 1/2 f	69.5	27	34	12	19	13	238	ESHGTE 12 I	ESHGTE 12 IAB
G 3/4 f	69.5	32	34	12	19	13	244	ESHGTE 34 I	ESHGTE 34 IAB
M 24x1.5 f	69.5	32	34	12	19	13	240	ESHGTE 2415 I	ESHGTE 2415 IAB

Plugs with standard hose stem without valve

Hose connection	L	L1	L2	DS	Passage	Weight	Type No.
Hose i.D. 13	54	25	27	19	9	52	ESHGE 13 SL
Hose i.D. 19	63	34	27	19	13	81	ESHGE 19 SL

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

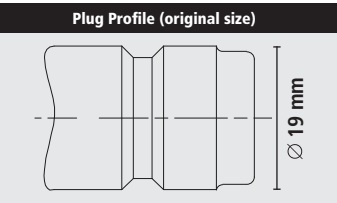
Thread connection	L	SW	L1	L2	DS	Passage	Weight	Type No.
G 1/2 m	47	22	12	27	19	13	64	ESHGE 12 NA
G 3/4 m	51	27	16	27	19	13	107	ESHGE 34 NA
M 24x1.5 m	51	27	16	27	19	13	97	ESHGE 2415 NA

Plugs with straight female thread without valve

Thread connection	L	SW	L1	L2	DS	Weight	Type No.
G 1/2 f	42	27	10	27	19	72	ESHGE 12 NI
G 3/4 f	42.5	32	10	27	19	86	ESHGE 34 NI

Other sizes on request

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



European Plug Profile

