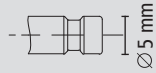


Temperature Regulation Quick Connect Couplings

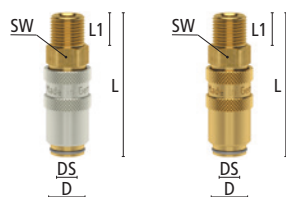
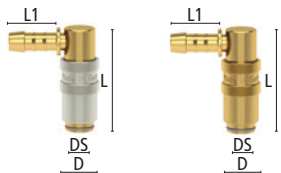
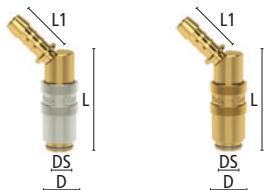
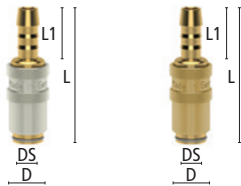
Series ESHMC plug size 5 mm

DN 2.7



Plug Profile (original size)

European
Plug Profile



- For temperature regulation applications with hot or cold water as well as tempered oil
- The series DN 2.7 is especially suitable for the connection of temperature regulation controlled lines on moulds in the plastics manufacturing industry for the production of micro-parts with very small tools
- Optional with straight-through, single or double shut-off
- Extended sleeves for problem-free connection of plugs counter-sunk in the mould, angled connections avoid the kinking of thin-walled hoses

Materials

- Body, valve body, valve, plug: Brass MS 58 plain
- Sleeve: Brass MS 58 plain/nickel-plated
- Balls: Stainless steel 1.3541
- Springs, retaining ring: Stainless steel 1.4310
- O-rings: FKM (PTFE-coated)

Max. Working Pressure	Temperature	DN	Thread	Operation	Type of valve	Media	
PN 15 bar	-20°C – +200°C	2.7	DIN 13, DIN 158	One-hand	single/double/straight-thr.	Tempered Media	Coupl. 5 / Plug 10

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. 5	35	10	13.5	5	3.5	10	ESHMC 5 TL	ESHMC 5 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. 5	41	10	13.5	5	3.5	8	ESHMC 5 TL-45	ESHMC 5 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. 5	41	10	13.5	5	3.5	8	ESHMC 5 TL-90	ESHMC 5 TL-90AB

Couplings with straight male thread without / with valve

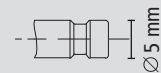
Thread connection	L	SW	D	L1	DS	Passage	Weight	Type No.w/o valve	Type No. w valve
M 5x0.5 m	31	9	10	5	5	3.5	9	ESHMC 505 A	ESHMC 505 AAB
M 8x0.75 m	33	9	10	7	5	3.5	10	ESHMC 875 A	ESHMC 875 AAB

Suitable hose clips for hose couplings, double-ear hose clips or crimping ferrules for standard hoses (☹ page 414 - 417)

Temperature Regulation Quick Connect Couplings

plug size 5 mm **Series ESHMC**

DN2.7



Plug Profile (original size)

Plugs with straight standard hose stem without valve

Hose connection	L	D	L1	L2	DS	Passage	Weight	Type No.
Hose i.D. 5	25	9	13.5	10	5	2.7	3	ESHMC 5 SL

Plugs with straight male thread without valve

Thread connection	L	SW	L1	L2	DS	Passage	Weight	Type No.
M 5x0.5 m	18	7	5	10	5	2.7	3	ESHMC 505 NA
M 8x0.75 m	20	9	7	10	5	2.7	4	ESHMC 875 NA

Plugs with straight male thread with valve

Thread connection	L	SW	L1	L2	DS	Passage	Weight	Type No.
M 5x0.5 m	28	9	5	10	5	2.7	7	ESHMC 505 NAAB
M 8x0.75 m	30	9	7	10	5	2.7	7	ESHMC 875 NAAB

Plugs with 90° male thread without valve

Thread connection	L	SW	L1	L2	DS	Passage	Weight	Type No.
M 5x0.5 m	15.5	9	5	10	5	2.7	9	ESHMC 505 NA-90
M 8x0.75 m	17.5	9	5	10	5	2.7	11	ESHMC 875 NA-90

System Adapters

Connection	L	D	L1	L2	DS	DS1	Passage	Weight	Type No.
DN 2.7 - DN 2.7	22	6	10	10	5	5	2.7	3	ESHMC-ESHMC
DN 2.7 - DN 6	26.5	9	10	14	5	9	2.7	9	ESHMC-ESHM

