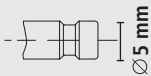


# Micro Quick Connect Couplings

## Series ESMCE straight-through

**DN 2.7**

Plug Profile (original size)



- One-hand quick connect couplings with smallest dimensions made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Straight-through passage for optimised flow capacity, particularly for water/ liquid applications
- Please connect with plug series ESMCE DN 2.7 with straight-through passage (page 287)
- Suitable for low vacuum at low couple force compared to all other compatible products
- **Several fields of application, above all for liquid media in pharmacy, medical technology, chemical industry, food industry, clean-room applications, for sophisticated measure, control and regulation technology or increased hygienic requirements**

### Materials

- Body, sleeve, valve body, valve, plug: Stainless Steel 1.4305
- Springs, retaining ring: Stainless Steel 1.4310
- Balls: Stainless Steel 1.3541
- Seals: FKM (EPDM or FFKM on request)

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of valve	Media	Area	
PN 35 bar	-15°C – +200°C*	2.7	ISO 228 / DIN 13	170 l/min	One-hand	Straight-through	Different	Europe	Coupl. 1/ Plug 5

### Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No.
M 5 m	26	9	10.5	5	9	ESMCE 5 AO
G 1/8 m	28	11	10.5	7	12	ESMCE 18 AO

### Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No.
M 5 f	25	9	10.5	5	10	ESMCE 5 IO
G 1/8 f	28	12	10.5	7	14	ESMCE 18 IO

### Couplings with hose stem

Hose connection	L	D	L1	Weight	Type No.
Hose i.D. 3	34.5	10.5	13	9	ESMCE 3 TO
Hose i.D. 4	34.5	10.5	13	10	ESMCE 4 TO
Hose i.D. 5	34.5	10.5	13	10	ESMCE 5 TO

For hose clips type HSE (© page 357)

### Couplings with hose squeeze nut

Hose connection	L	SW	D	Weight	Type No.
Hose 3x4	34	9	10.5	15	ESMCE 34 TQO
Hose 3x5	34	9	10.5	15	ESMCE 3 TQO
Hose 4x6	34	9	10.5	15	ESMCE 4 TQO

### Couplings with hose squeeze nut and bulkhead screwing

Hose connection	L	SW	D	L1	SW1	G	Weight	Type No.
Hose 3x4	45	12	10.5	17	11	M 7x0.5 m	26	ESMCE 34 TQSVO
Hose 3x5	45	12	10.5	17	11	M 7x0.5 m	26	ESMCE 35 TQSVO
Hose 4x6	45	12	10.5	17	12	M 8x0.5 m	26	ESMCE 4 TQSVO

### Couplings with hose stem and bulkhead screwing

Hose connection	L	SW	D	L1	L2	SW1	G	Weight	Type No.
Hose i.D. 3	51	12	10.5	13	17	11	M 7x0.5 m	24	ESMCE 3 TSVO
Hose i.D. 4	51	12	10.5	13	17	11	M 7x0.5 m	24	ESMCE 4 TSVO
Hose i.D. 5	51	12	10.5	13	17	12	M 8x0.5 m	24	ESMCE 5 TSVO

For hose clips type HSE (© page 357)

\*subject to media and sealing material

