

Mini Quick Connect Couplings

double shut-off Series ESME

- One-hand quick connect couplings with reduced dimensions made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Double shut-off to avoid leaking media when disconnecting
- Please note: Valve construction designed for media flow from coupling to plug
- Suitable for low vacuum at low couple force compared to all other compatible products
- Attention: Couplings can be connected with straight-through plugs DN 5. However, double shut-off plugs cannot be connected with standard couplings DN 5
- 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*	5	ISO 228 / DIN 13	330 l/min	One-hand	Double shut-off	Different	Europe	Coupl. 1/ Plug 5

Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/8 m	36	14	16	7	28	ESME 18 AAB
G 1/4 m	38	17	16	9	37	ESME 14 AAB
G 3/8 m	38	19	16	9	43	ESME 38 AAB
M 12x1.5 m	38	14	16	9	30	ESME 1215 AAB
M 14x1.5 m	38	17	16	9	38	ESME 1415 AAB

NEW!
NEW!

Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/8 f	38	14	16	9	32	ESME 18 IAB
G 1/4 f	38	17	16	9	32	ESME 14 IAB
G 3/8 f	38	19	16	9	44	ESME 38 IAB
M 12x1.5 f	38	17	16	9	41	ESME 1215 IAB
M 14x1.5 f	38	17	16	9	38	ESME 1415 IAB

NEW!
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Couplings with hose stem

Hose connection	L	SW	D	L1	Weight	Type No.
Hose i.D. 4	47	14	16	17	28	ESME 4 TAB
Hose i.D. 6	47	14	16	17	29	ESME 6 TAB
Hose i.D. 8	47	14	16	17	29	ESME 8 TAB
Hose i.D. 9	47	14	16	17	31	ESME 9 TAB
Hose i.D. 10	47	14	16	17	31	ESME 10 TAB

For hose clips type HSE (© page 357)

Couplings with hose squeeze nut

Hose connection	L	SW	D	SW1	Weight	Type No.
Hose 4x6	43	14	16	12	35	ESME 4 TQAB
Hose 6x8	43	14	16	14	37	ESME 6 TQAB

Couplings with hose squeeze nut and bulkhead screwing

Hose connection	L	SW	D	L1	SW1	SW2	G	Weight	Type No.
Hose 4x6	54	14	16	18	12	12	M 10x1 m	42	ESME 4 TQSVAB
Hose 6x8	54	14	16	18	14	14	M 12x1 m	50	ESME 6 TQSVAB

Couplings with hose stem and bulkhead screwing

Hose connection	L	SW	D	L1	L2	SW1	G	Weight	Type No.
Hose i.D. 5	60	17	16	17	14	17	M 12x1 m	46	ESME 5 TSVAB
Hose i.D. 6	60	17	16	17	14	17	M 12x1 m	46	ESME 6 TSVAB
Hose i.D. 8	60	17	16	17	14	17	M 12x1 m	47	ESME 8 TSVAB

For hose clips type HSE (© page 357)

*subject to media and sealing material

DN 5

Plug Profile (original size)

