Series ESMCE single shut-off





Plug Profile (original size)















- High quality one-hand quick connect couplings with smallest dimensions made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Several fields of application, above all for liquid media in pharmacy, medical industry, chemical industry, food & beverage applications, clean-room applications, for high quality measure, control and regulation technique or hygienic requirements
- Maximum working temperature subject to the chosen media and sealing material

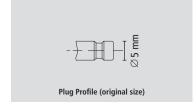
Materials

- Body, sleeve, valve body, valve, plug: Stainless steel 1.4305
- Spring, retaining ring: Stainless steel 1.4310
- Balls: Stainless steel 1.3541
- O-rings: FKM (EPDM or FFKM on request)

Max. Working Pressure	Temperatur	_	Thre		Flow Capacit	y Oper	ation Typ	e of Valve	Media	Area	₿
PN 35 bar	-15°C - +150	°C 2.7	ISO 228 /	DIN 13	165 l/min	One-	hand Sing	le shut-off	different	Europe	Coupl. 1/ Plug !
							•				
Couplings with m	ale thread	I									
	_				_	_	_		_		
Thread connection			SW		D		.1	Weight		No.	
M 5 m	26		9		10.5		5	9		ICE 5 A	
G 1/8 m	28		11		10.5		7	12	ESIV	ICE 18 A	4
Couplings with fe	male thre	ad									
					_		_				
Thread connection			SW		D		.1	Weight		No.	
M 5 f	25		9		10.5		5	10		ICE 5 I	
G 1/8 f	28		12		10.5		7	14	ESM	ICE 18 I	
Couplings with H	ose stem										
								107.1.1.	_	N	
Hose connection	L	_		D		L1		Weight		No.	
Hose i.D. 3	34.			10.5		13		9		ICE 3 T	
Hose i.D. 4	34.			10.5		13		10	ESIV	ICE 4 T	
Hose i.D. 5	34.	5		10.5		13		10	ESIV	ICE 5 T	
For hose clips type H Couplings with he											
Couplings with in	ose squee	e nat									
Hose connection	L			SW		D		Weight	Туре	No.	
Hose 3x4	34			9		10.5		15	ESIV	ICE 34 1	·Q
Hose 3x5	34			9		10.5		15	ESM	ICE 3 TO)
Hose 4x6	34			9		10.5		15	ESIV	ICE 4 TO)
Couplings with he	ose squee	ze nut	and bul	khead	screwing						
Hose connection	L	SW	D		L1 S	W1	G	Weight	Type	e No.	
Hose 3x4	45	12	10.5				M 7x0.5 m	26		ICE 34 1	OSV
		12	10.5				VI 7x0.5 m	26		ICE 35 1	
	/15		10.5								-
Hose 3x5	45		10 E		17	12			ECI/	CE ATO	
Hose 3x5	45 45	12	10.5		17	12	M 8x0.5 m	26	ESM	ICE 4 TO	(3V
Hose 3x5 Hose 4x6 Couplings with bu	45	12			17	12	VI 8x0.5 m	26	ESM	ICE 4 TO	γ ον
Hose 3x5 Hose 4x6 Couplings with bu	45 ulkhead so	12 rewin	g								ίση
Hose 3x5 Hose 4x6 Couplings with bu	45 ulkhead so L	12 rewing	g D	L1	L2 S	W1	G	Weight	Туре	e No.	
Hose 3x5 Hose 4x6 Couplings with but Hose connection Hose i.D. 3	45 ulkhead so L 51	12 rewing SW 12	D 10.5	L1 13	L2 S	W1 11	G M 7x0.5 m	Weight 24	Type ESM	e No. ICE 3 TS	SV.
Hose 3x5 Hose 4x6 Couplings with but Hose connection Hose i.D. 3 Hose i.D. 4	45 ulkhead so L 51 51	12 rewing SW 12 12	D 10.5 10.5	L1 13 13	L2 S	W1 11	G W 7x0.5 m W 7x0.5 m	Weight 24 24	Type ESM ESM	e No. ICE 3 TS	SV SV
Hose 3x5 Hose 4x6 Couplings with bu	45 ulkhead so L 51	12 rewing SW 12	D 10.5	L1 13	L2 S	W1 11	G M 7x0.5 m	Weight 24	Type ESM ESM	e No. ICE 3 TS	SV SV

single shut-off Series ESMCE





y	read								
hread connection	L	SW		L1		L2	Weight	Type No.	
/I 5 m	18	7		5		10	3	ESMCE 5 NA	
1/8 m	20	11		7		10	6	ESMCE 18 NA	
s with female	thread								
read connection	L	SW		L1		L2	Weight	Type No.	
5 f	17	7		5		10	3	ESMCE 5 NI	
1/8 f	19	12		7		10	6	ESMCE 18 NI	
gs with hose st	em								
se connection	L	D		L1		L2	Weight	Type No.	
ose i.D. 3	24	7		13		10	2	ESMCE 3 S	
se i.D. 4	24	7		13		10	3	ESMCE 4 S	
se i.D. 5	24	9		13		10	3	ESMCE 5 S	
hose clips type HS	SE (🍥 pa	ige 416)							
141.1									
ugs with hose so	jueeze i	nut							
ugs with hose so	lueeze i L	nut	SW		L1		Weight	Type No.	
	-	nut	SW 8		L1 10		Weight 12	Type No. ESMCE 34 SQ	
e connection e 3x4	L	nut							
se connection se 3x4 se 3x5	L 25	nut	8		10		12	ESMCE 34 SQ	
se connection se 3x4 se 3x5 se 4x6	L 25 25 25		8 8 8	wina	10 10		12 12	ESMCE 34 SQ ESMCE 3 SQ	
se connection se 3x4 se 3x5 se 4x6	L 25 25 25		8 8 8	wing	10 10		12 12	ESMCE 34 SQ ESMCE 3 SQ	
se connection se 3x4 se 3x5 se 4x6 ugs with hose so	L 25 25 25		8 8 8	wing L2	10 10	G	12 12	ESMCE 34 SQ ESMCE 3 SQ	
e connection e 3x4 e 3x5 e 4x6 gs with hose so e connection e 3x4	L 25 25 25 25 L L 38	nut and bulkh	8 8 8 nead scree		10 10 10	G M 7x0.5 m	12 12 12 12 Weight	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ	
e connection e 3x4 e 3x5 e 4x6 gs with hose so e connection e 3x4 e 3x5	L 25 25 25 L L 38 38	nut and bulkh SW 12 12	8 8 8 nead scre L1 17 17	L2 10 10	10 10 10 5W1 11		12 12 12 12 Weight 23 23	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ	
e connection e 3x4 e 3x5 e 4x6 gs with hose so e connection e 3x4 e 3x5	L 25 25 25 25 L L 38	nut and bulkh SW 12	8 8 8 nead scree	L2	10 10 10 5W1	M 7x0.5 m	12 12 12 12 Weight	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ Type No. ESMCE 34 SQSV	
se connection	L 25 25 25 25 L L 38 38 38 38	nut and bulkh SW 12 12 12	8 8 8 nead scre L1 17 17	L2 10 10	10 10 10 5W1 11	M 7x0.5 m M 7x0.5 m	12 12 12 12 Weight 23 23	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ Type No. ESMCE 34 SQSV ESMCE 35 SQSV	
se connection se 3x4 se 3x5 se 4x6 ags with hose so se connection se 3x4 se 3x5 se 4x6	L 25 25 25 25 L L 38 38 38 38	nut and bulkh SW 12 12 12	8 8 8 nead scre L1 17 17	L2 10 10	10 10 10 5W1 11	M 7x0.5 m M 7x0.5 m	12 12 12 12 Weight 23 23	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ Type No. ESMCE 34 SQSV ESMCE 35 SQSV	
se connection se 3x4 se 3x5 se 4x6 gs with hose so se connection se 3x4 se 3x5 se 4x6 gs with bulkhese se connection	L 25 25 25 25 L 28 38 38 38 38	nut and bulkl SW 12 12 12 12	8 8 8 nead scree L1 17 17	L2 10 10 10	10 10 10 5W1 11 11 12	M 7x0.5 m M 7x0.5 m M 8x0.5 m	12 12 12 12 12 Weight 23 23 23	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ Type No. ESMCE 34 SQSV ESMCE 35 SQSV ESMCE 4 SQSV	
se connection se 3x4 se 3x5 se 4x6 gs with hose so se connection se 3x4 se 3x5 se 4x6	L 25 25 25 25 L 28 38 38 38 38 A 38 A 38 A 38 A 38 A 38	nut and bulk SW 12 12 12 12 wing SW L1	8 8 8 nead scre L1 17 17 17	L2 10 10 10	10 10 10 5W1 11 11 12	M 7x0.5 m M 7x0.5 m M 8x0.5 m	12 12 12 12 Weight 23 23 23	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ Type No. ESMCE 34 SQSV ESMCE 35 SQSV ESMCE 4 SQSV	
e connection e 3x4 e 3x5 e 4x6 gs with hose so e connection e 3x4 e 3x5 e 4x6 gs with bulkher e connection e i.D. 3	L 25 25 25 25 100 L 38 38 38 38 38 45 Crev	sw 12 12 12 wing SW L1 12 13	8 8 8 nead scre L1 17 17 17 17	L2 10 10 10 10	10 10 10 10 SW1 11 11 12	M 7x0.5 m M 7x0.5 m M 8x0.5 m	12 12 12 12 Weight 23 23 23 Weight 21	ESMCE 34 SQ ESMCE 3 SQ ESMCE 4 SQ Type No. ESMCE 34 SQSV ESMCE 35 SQSV ESMCE 4 SQSV Type No. ESMCE 3 SSV	







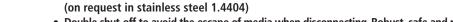






Series ESMCE double shut-off





Double shut-off to avoid the escape of media when disconnecting. Robust, safe and reliable.

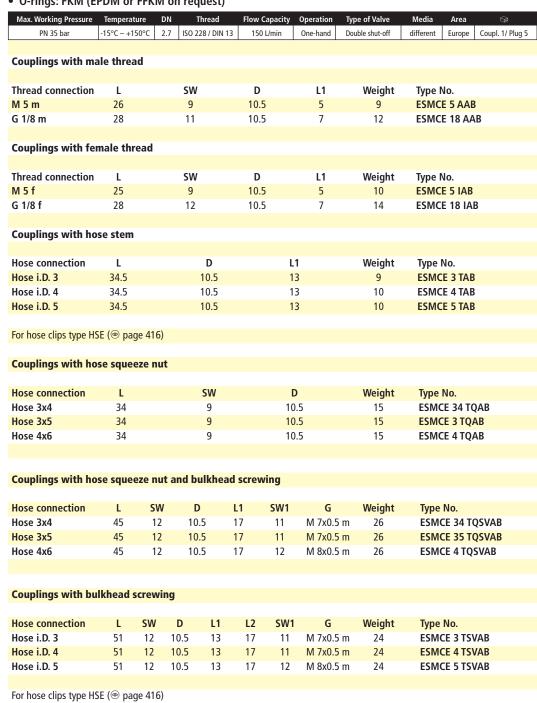


• High quality one-hand quick connect couplings with smallest dimensions made of stainless steel 1.4305

- Several fields of application, above all for liquid media in pharmacy, medical industry, chemical industry, food & beverage applications, clean-room applications, for high quality measure, control and regulation technique or hygienic requirements
- Maximum working temperature subject to the chosen media and sealing material

Materials

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





Plug Profile (original size)







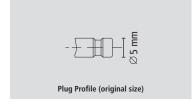






double shut-off Series ESMCE





	hread							
Thread connection	L		S۱	N	L1	L2	Weight	Type No.
M 5 m	28		9)	5	10	10	ESMCE 5 NAAB
G 1/8 m	30		1	1	7	10	12	ESMCE 18 NAAB
Plugs with female	throad							
riugs with remaie	tineau							
Thread connection	L		S۱	N	L1	L2	Weight	Type No.
M 5 f	26.5		g)	5	10	11	ESMCE 5 NIAB
G 1/8 f	30		1:	2	7	10	14	ESMCE 18 NIAB
Plugs with hose s	tem							
Hose connection	L		D)	L1	L2	Weight	Type No.
Hose i.D. 3	36.5	i	9		13	10	9	ESMCE 3 SAB
Hose i.D. 4	36.5		9)	13	10	10	ESMCE 4 SAB
Hose i.D. 5	36.5		9)	13	10	10	ESMCE 5 SAB
For hose clips type H	SE (⊚ pa	ge 416)						
Plugs with hose s	queeze r	nut						
Hose connection	queeze r L	nut		SW		L1	Weight	Type No.
-		nut		SW 9		L1 10	Weight 10	Type No. ESMCE 34 SQAB
Hose connection	L	nut					_	ESMCE 34 SQAB
Hose connection Hose 3x4	L 36	iut		9		10	10	
Hose connection Hose 3x4 Hose 3x5	L 36 36 36			9 9 9		10 10	10 10	ESMCE 34 SQAB ESMCE 3 SQAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose se	L 36 36 36	nut and	bulkhea	9 9 9 ad screw	ing	10 10 10	10 10 11	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6	L 36 36 36			9 9 9		10 10	10 10	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose so	L 36 36 36 4 queeze r	nut and SW	bulkhea L1	9 9 9 ad screw	ing SW1	10 10 10	10 10 11 Weight	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose so Hose connection Hose 3x4	L 36 36 36 36 47	nut and SW 12	bulkhea L1 17	9 9 9 ad screw L2 10	ing SW1 11	10 10 10 G M 7x0.5 m	10 10 11 11 Weight 13	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB Type No. ESMCE 34 SQSVAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose so Hose connection Hose 3x4 Hose 3x5	L 36 36 36 36 queeze r L 47	nut and SW 12 12	bulkhe : L1 17	9 9 9 9 ad screw L2 10 10	SW1 11 11	10 10 10 G M 7x0.5 m M 7x0.5 m	10 10 11 11 Weight 13 13	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB Type No. ESMCE 34 SQSVAB ESMCE 35 SQSVAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose so Hose connection Hose 3x4 Hose 3x5	L 36 36 36 47 47 47	SW 12 12 12	bulkhe : L1 17	9 9 9 9 ad screw L2 10 10	SW1 11 11	10 10 10 G M 7x0.5 m M 7x0.5 m	10 10 11 11 Weight 13 13	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB Type No. ESMCE 34 SQSVAB ESMCE 35 SQSVAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose so Hose connection Hose 3x4 Hose 3x5 Hose 4x6	L 36 36 36 36 47 47 47 47 47 47	SW 12 12 12	bulkhe : L1 17	9 9 9 9 4	SW1 11 11	10 10 10 G M 7x0.5 m M 7x0.5 m M 8x0.5 m	10 10 11 11 Weight 13 13	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB Type No. ESMCE 34 SQSVAB ESMCE 35 SQSVAB ESMCE 4 SQSVAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose so Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with bulkhe Hose connection Hose i.D. 3	L 36 36 36 37 36 36 47 47 47 47 47	SW 12 12 12 12 wing SW 12	bulkhe 2 L1 17 17 17 17	9 9 9 9 ad screw 10 10 10	SW1 11 11 12 L3 SW1 10 11	10 10 10 G M 7x0.5 m M 7x0.5 m M 8x0.5 m	10 10 11 Weight 13 13 17	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB Type No. ESMCE 34 SQSVAB ESMCE 35 SQSVAB ESMCE 4 SQSVAB
Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with hose so Hose connection Hose 3x4 Hose 3x5 Hose 4x6 Plugs with bulkhee Hose connection	L 36 36 36 36 47 47 47 47 47 47	SW 12 12 12 12 SW	bulkhea L1 17 17 17	9 9 9 9 ad screw 10 10 10	SW1 11 11 12	10 10 10 G M 7x0.5 m M 7x0.5 m M 8x0.5 m	10 10 11 Weight 13 13 17	ESMCE 34 SQAB ESMCE 3 SQAB ESMCE 4 SQAB Type No. ESMCE 34 SQSVAB ESMCE 35 SQSVAB ESMCE 4 SQSVAB