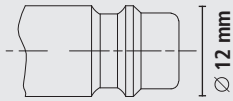


Quick Connect Couplings

Series ESE straight-through

DN 7.2

Plug Profile (original size)



- Universal one-hand quick connect couplings 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 ESE DN 7.2 with straight-through passage (page 297)
- Suitable for low vacuum at low couple force compared to all other compatible products
- For compressed air supply at increased purity and hygiene regulations or when conveying different media (gases, chemicals, lacquers, pharmaceuticals)
- Several fields of application in pharmacy, chemical industry, medical technology, food industry, clean-room applications as well as for sophisticated pneumatic applications

Materials

- Body, sleeve, valve body, valve, pins, plug: Stainless Steel 1.4305
- Springs, retaining ring: Stainless Steel 1.4310
- 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*	7.2	ISO 228	2150 l/min	One-hand	Straight-through	Different	Worldwide	Coupl. 1/ Plug 5

Couplings with parallel male thread

Thread connection	L	SW	D	L1	Weight	Sleeve	
						Type No. smooth	Type No. knurled
G 1/4 m	41	22	27	9	82	ESEG 14 AO	ESER 14 AO
G 3/8 m	42	22	27	10	82	ESEG 38 AO	ESER 38 AO
G 1/2 m	44	24	27	12	95	ESEG 12 AO	ESER 12 AO

Couplings with parallel female thread

Thread connection	L	SW	D	L1	Weight	Sleeve	
						Type No. smooth	Type No. knurled
G 1/4 f	41.5	22	27	10.5	83	ESEG 14 IO	ESER 14 IO
G 3/8 f	41.5	22	27	10.5	83	ESEG 38 IO	ESER 38 IO
G 1/2 f	43	24	27	12	92	ESEG 12 IO	ESER 12 IO

Couplings with parallel hose stem

Hose connection	L	SW	D	L1	Weight	Sleeve	
						Type No. smooth	Type No. knurled
Hose i.D. 6	56	22	27	25	92	ESEG 6 TO	ESER 6 TO
Hose i.D. 8	56	22	27	25	92	ESEG 8 TO	ESER 8 TO
Hose i.D. 9	56	22	27	25	92	ESEG 9 TO	ESER 9 TO
Hose i.D. 10	56	22	27	25	93	ESEG 10 TO	ESER 10 TO
Hose i.D. 13	56	22	27	25	95	ESEG 13 TO	ESER 13 TO

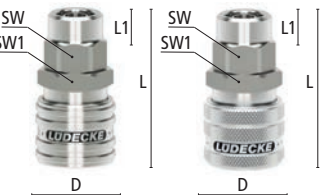
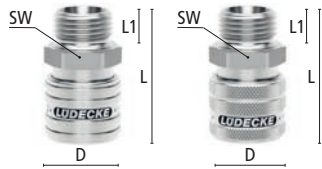
For hose clips type HSE (© page 357)

Couplings with hose squeeze nut

Hose connection	L	SW	D	L1	SW1	Weight	Sleeve	
							Type No. smooth	Type No. knurled
Hose 8x12	48	22	27	9.5	17	107	ESEG 812 TQO	ESER 812 TQO

O-rings approved for the food industry (VO 1935/2004)

*subject to media and sealing materials



Available with smooth surface to avoid dirt from collecting at increased hygiene regulations or with knurled sleeve

