

Quick Connect Couplings

Series ESE single shut-off

DN7.2

- Standard one-hand quick connect couplings made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- For the use of compressed air at demanding pureness and hygiene regulations or for applications with most different media (gases, chemicals, lacquers, pharmaceuticals)
- Numerous application sectors in pharmacy, chemistry, medical engineering, food industry, clean-rooms, high-grade pneumatic applications
- Maximum operation temperature subject to media used and sealing material

Materials

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

Max. Working Pressure	Temperature	DN	Thread	Flow Capacity	Operation	Type of Valve	Media	Area	
PN 35 bar	-15°C – +200°C	7.2	ISO 228	1150 l/min	One-hand	single shut-off	different	worldwide	Coupl. 1/ Plug 5

Couplings with parallel male thread

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

Couplings with parallel female thread

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

Couplings with hose stem

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

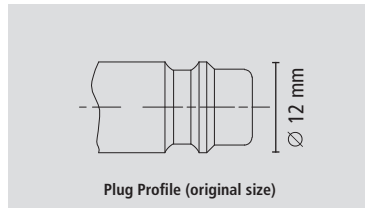
For hose clips type HSE (☺ page 416)

NEW!

Couplings with bulkhead screwing

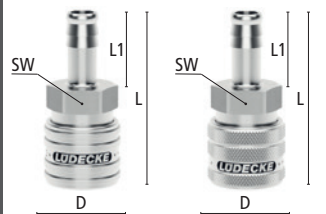
Hose connection	L	SW	D	L1	SW1	Weight	Type No.
Hose 8x12	48	22	27	9.5	17	107	ESEG 812 TQ

O-rings approved for the food industry

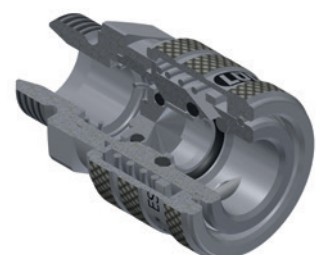


Plug Profile (original size)

Clean Connect
by LUDECKE



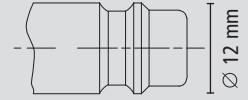
Available either with ergonomically flat sleeve contour to avoid dirt nests for demanding hygiene regulations or with handy knurled sleeve



Quick Connect Couplings

single shut-off Series ESE

DN7.2



Plug Profile (original size)

Clean Connect
by **LUDECKE**



Plug with male thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 m	33	17	9	20	22	ESE 14 NA
G 3/8 m	33	19	9	20	25	ESE 38 NA
G 1/2 m	37	24	12	20	45	ESE 12 NA

Plug with female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 f	32	17	10	20	20	ESE 14 NI
G 3/8 f	32	19	10	20	25	ESE 38 NI
G 1/2 f	35	24	12	20	36	ESE 12 NI

Plug with hose stem

Hose connection	L	D	L1	L2	Weight	Type No.
Hose i.D. 6	46	12	25	20	13	ESE 6 S
Hose i.D. 8	46	12	25	20	15	ESE 8 S
Hose i.D. 9	46	12	25	20	14	ESE 9 S
Hose i.D. 10	46	12	25	20	17	ESE 10 S
Hose i.D. 13	46	12	25	20	24	ESE 13 S

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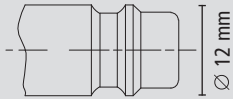
NEW! Plugs with bulkhead screwing

Hose connection	L	SW	L1	L2	SW1	Weight	Type No.
Hose 8x12	42	17	9.5	20	19	51	ESE 812 SQ

Quick Connect Couplings

Series ESE double shut-off

DN 7.2



Plug Profile (original size)

Clean Connect
by **LUDECKE**

- Standard one-hand quick connect couplings made of stainless steel 1.4305 (on request in stainless steel 1.4404)
- Double shut-off to avoid leaking of media when disconnecting. Robust, safe and reliable
- Attention: Couplings can be connected with straight-through plugs DN 7.2, but shut-off plugs cannot be connected with standard couplings DN 7.2
- Numerous application sectors, above all for liquid media in pharmacy, chemistry, medical engineering, food industry, clean-rooms, high-grade control, measuring and regulation technology, at demanding pureness and hygiene regulations
- Maximum operation temperature subject to media used sealing material

Materials

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

Max. Working Pressure	Temperature	DN	Thread	Flow Capacity	Operation	Type of Valve	Media	Area	
PN 35 bar	-15°C – +200°C	7.2	ISO 228	660 l/min	One-hand	double shut-off	different	worldwide	Coupl. 1/ Plug 5

Couplings with parallel male thread

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

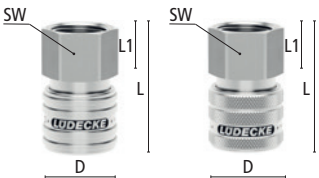
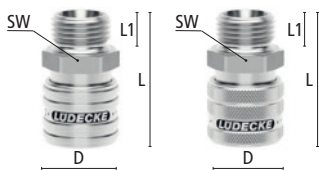
Couplings with parallel female thread

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

Couplings with hose stem

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

For hose clips type HSE (© page 416)



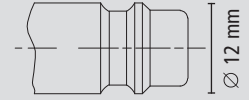
Available either with ergonomically flat sleeve contour to avoid dirt nests for elevated hygiene regulations or with handy knurled sleeve



Quick Connect Couplings

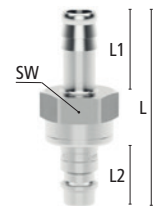
double shut-off Series ESE

DN7.2



Plug Profile (original size)

Clean Connect
by **LUDECKE**



Plugs with parallel male thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 m	43	22	9	20	52	ESE 14 NAAB
G 3/8 m	45	22	10	20	55	ESE 38 NAAB
G 1/2 m	47	24	12	20	62	ESE 12 NAAB

Plugs with parallel female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 f	44	22	10.5	20	55	ESE 14 NIAB
G 3/8 f	44	22	10.5	20	55	ESE 38 NIAB
G 1/2 f	45.5	24	12	20	62	ESE 12 NIAB

Plugs with hose stem

Hose connection	L	SW	L1	L2	Weight	Type No.
Hose i.D. 6	54	22	25	20	55	ESE 6 SAB
Hose i.D. 8	54	22	25	20	55	ESE 8 SAB
Hose i.D. 9	54	22	25	20	55	ESE 9 SAB
Hose i.D. 10	54	22	25	20	56	ESE 10 SAB
Hose i.D. 13	54	22	25	20	57	ESE 13 SAB

For hose clips type HSE (☺ page 416)

