

# Industrial Quick Connect Couplings

## Serie ESGE single shut-off and double shut-off

**DN 19**

- High quality, robust one-hand quick connect couplings made of stainless steel 1.4404
- High flow rates with low pressure drop due to energy efficient valve design for high volume media flow in connection with connecting function by one-hand operation
- Couplings also to be used with shut-off plug
- To be used in various applications with fluid media, such as compressed air, craftsmanship, high capacity tools and machinery
- According to TA-Luft for industrial production plants

### Materials

- Body, sleeve, valve body, valve, balls, plug: Stainless steel 1.4404
- Springs, retaining ring: Stainless steel 1.4571
- O-rings: FKM

Max. Working Pressure	Temperature	DN	Thread	Flow Capacity	Operation	Type of Valve	Media	Area
PN 35 bar	-20°C – +150°C	19	ISO 228	8000/ 2600 l/min	One-hand	single-/double shut-off	different	Europe

### Coupling with Male thread (valved)

Thread Connection	L	SW	D	L1		Weight	Type No.
G 3/4 m	95	41	46	16	1	575	ESGE 34 AAB
G 1 m	98	41	46	19	1	606	ESGE 10 AAB
G 1 1/4 m	98	46	46	19	1	695	ESGE 54 AAB

### Coupling with female thread (valved)

Thread Connection	L	SW	D	L1		Weight	Type No.
G 3/4 f	99	41	46	20	1	694	ESGE 34 IAB
G 1 f	99	41	46	21	1	641	ESGE 10 IAB
G 1 1/4 f	104	50	46	22	1	884	ESGE 54 IAB

### Coupling with hose stem (valved)

Hose connection	L	D	L1		Weight	Type No.
Hose i.D. 19	128	46	36	1	613	ESGE 19 TAB
Hose i.D. 25	129	46	48	1	640	ESGE 25 TAB

For hose clips type HSE (© page 416)

### Plugs with male thread (non-valved / valved)

Thread connection	L	SW	L1	L2	Type of Valve		Weight	Type No.
G 3/4 m	60	32	16	34	valved	5	142	ESGE 34 NA
G 1 m	65	36	19	34	valved	5	194	ESGE 10 NA
G 1 1/4 m	68	46	19	34	valved	5	307	ESGE 54 NA
G 3/4 m	92	41	16	34	non-valved	1	372	ESGE 34 NAAB
G 1 m	95	41	19	34	non-valved	1	403	ESGE 10 NAAB
G 1 1/4 m	95	46	19	34	non-valved	1	492	ESGE 54 NAAB

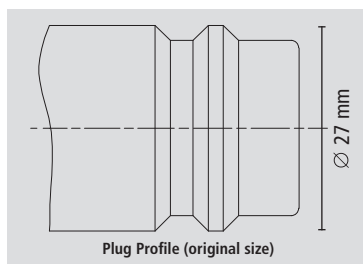
### Plugs with female thread (non-valved/ valved)

Thread connection	L	SW	L1	L2	Type of Valve		Weight	Type No.
G 3/4 f	58	32	20	34	valved	5	151	ESGE 34 NI
G 1 f	68	41	24	34	valved	5	297	ESGE 10 NI
G 1 1/4 f	70	50	26	34	valved	5	413	ESGE 54 NI
G 3/4 f	96	41	20	34	non-valved	1	491	ESGE 34 NIAB
G 1 f	96	41	21	34	non-valved	1	438	ESGE 10 NIAB
G 1 1/4 f	101	50	22	34	non-valved	1	681	ESGE 54 NIAB

### Plugs with hose stem (non-valved/ valved)

Hose connection	L	SW	D	L1	L2	Type of Valve		Weight	Type No.
Hose i.D. 19	75	-	30	36	34	valved	5	161	ESGE 19 S
Hose i.D. 25	87	-	35	48	34	valved	5	175	ESGE 25 S
Hose i.D. 19	116	41	-	36	34	non-valved	1	410	ESGE 19 SAB
Hose i.D. 25	126	41	-	48	34	non-valved	1	437	ESGE 25 SAB

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by LUDECKE

