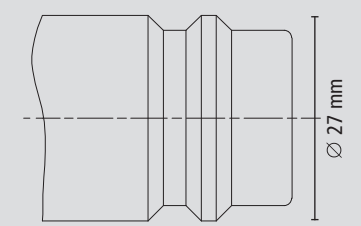
Industrial Quick Connect Couplings

Series ESG single and double shut-off

DN 19



Plug Profile (original size)

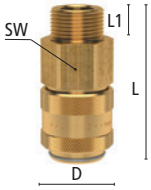
- High-quality, extreme robust one-hand quick connect couplings for compressed air and liquid media
- Highest flow rate with low pressure drop for large tools especially for applications with high-volume flow rate in connection with a shut-off function by one-hand operation
- Couplings with straight-through valve on request
- Couplings are suitable for valved plugs
- For compressed air supply and other fluid media in industry or handcraft at extraction points with extremely high demand of compressed air for high performance tools or machinery
- Suitable to maintain the TA-Luft on industrial production plants

Materials

- Body, sleeve, valve body, valve, plug: Brass MS 58 plain
- Springs, retaining ring: Stainless steel 1.4310
- Balls: Stainless steel 1.4034
- O-rings: Buna N (FKM and EPDM on request)

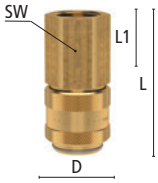
Also in Stainless Steel Series ESGE page 302

Max. Working Press.	Temp.	DN	Thread	Flow Capacity	Operation	Type of valve	Media	Area	
PN 35 bar	20°C – +100°C	19	ISO 228	8000 l/min/single/2650 l/min double	One-hand	single/ double shut-off	Air a.o.	Europe	Coupl. 5 / Plug 10



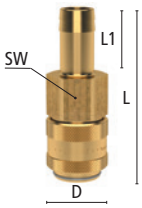
Couplings with male thread

Thread connection	L	SW	D	L1	Type of valve	Weight	Type No.
G 3/4 m	95	41	46	16	shut-off	650	ESG 34 AAB
G 1 m	98	41	46	19	shut-off	620	ESG 10 AAB
G 1 1/4 m	98	46	46	19	shut-off	745	ESG 54 AAB



Couplings with female thread

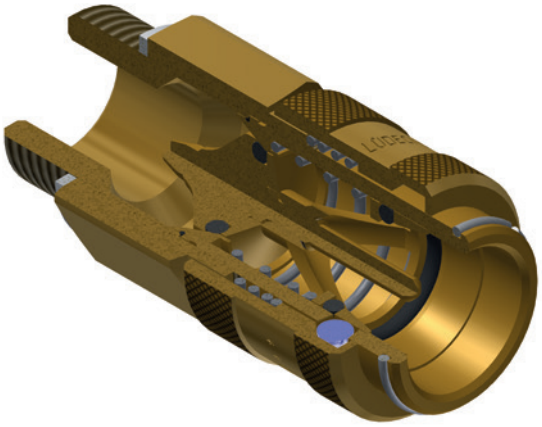
Thread connection	L	SW	D	L1	Type of valve	Weight	Type No.
G 3/4 f	99	41	46	20	shut-off	740	ESG 34 IAB
G 1 f	100	41	46	22	shut-off	650	ESG 10 IAB
G 1 1/4 f	105	50	46	22	shut-off	700	ESG 54 IAB



Couplings with hose barb

Hose connection	L	SW	D	L1	Type of valve	Weight	Type No.
Hose i.D. 19	115	41	46	36	shut-off	600	ESG 19 TAB
Hose i.D. 25	125	41	46	48	shut-off	683	ESG 25 TAB

For hose clips type ZOS (page 414), type HS (page 415) or crimping ferrules type LPH (page 418)



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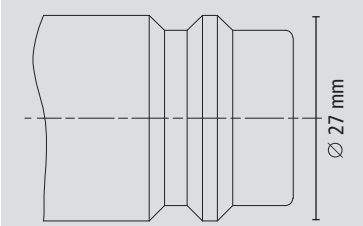
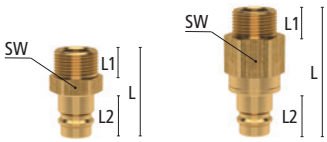


Plug Profile (original size)

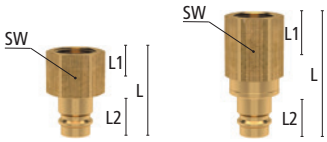
Plugs with male thread

Thread connection	L	SW	L1	L2	Type of valve	Weight	Type No.
G 3/4 m	60	30	16	34	straight-through	160	ESG 34 NA
G 1 m	65	36	19	34	straight-through	200	ESG 10 NA
G 1 1/4 m	68	46	19	34	straight-through	350	ESG 54 NA
G 3/4 m	92	41	16	34	shut-off	320	ESG 34 NAAB
G 1 m	95	41	19	34	shut-off	410	ESG 10 NAAB
G 1 1/4 m	95	46	19	34	shut-off	500	ESG 54 NAAB



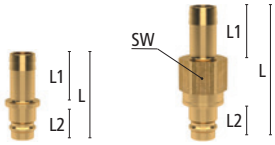
Plugs with female thread

Thread connection	L	SW	L1	L2	Type of valve	Weight	Type No.
G 3/4 f	58	32	16	34	straight-through	160	ESG 34 NI
G 1 f	68	41	19	34	straight-through	300	ESG 10 NI
G 1 1/4 f	70	50	19	34	straight-through	410	ESG 54 NI
G 3/4 f	97	41	20	34	shut-off	430	ESG 34 NIAB
G 1 f	97	41	22	34	shut-off	450	ESG 10 NIAB
G 1 1/4 f	102	50	22	34	shut-off	540	ESG 54 NIAB



Plugs with hose barb

Hose connection	L	SW	L1	L2	Type of valve	Weight	Type No.
Hose i.D. 19	75	-	36	34	straight-through	154	ESG 19 S
Hose i.D. 25	87	-	48	34	straight-through	185	ESG 25 S
Hose i.D.19	117	41	36	34	shut-off	430	ESG 19 SAB
Hose i.D. 25	127	41	48	34	shut-off	460	ESG 25 SAB



For hose clips type ZOS (page 414), type HS (page 415) or crimping ferrules type LPH (page 418)