

Industrial Quick Connect Couplings

single shut-off **Series ESIG**

- Top-quality, extreme robust one-hand quick connect couplings with high-class sealing made of brass MS 58 nickel-plated
- Very high flow rates with low pressure drop due to patented OptiFlow by **LUDECKE**® valve technology
- Suitable for low vacuum at low couple force compared to all other compatible products
- For compressed air supply in industry and handcrafts at extraction points with extremely high flow rates for high-performance tools as well as in engineering and construction

Materials

- Body, valve body: Brass MS 58 nickel-plated
- Valve: Brass MS 58 plain
- Sleeve, plug: Hardened steel nickel-plated
- Springs: Stainless steel 1.4310
- Balls: Stainless steel 1.4034
- Seals: NBR (other materials on request)

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of valve	Media	Area	
PN 35 bar	-20°C – +100°C	10	ISO 228/DIN EN 10226	3200 l/min	One-hand	Single shut-off	Air/Others	Europe	Coupl. 5 / Plug 10

Couplings with tapered male thread (thread coated)

Thread connection	L	SW	D	L1	Weight	Type No.
R 1/4 m	63	24	27	12	135	ESIG 14 A
R 3/8 m	63	24	27	12	143	ESIG 38 A
R 1/2 m	65	24	27	17	147	ESIG 12 A
R 3/4 m	65	27	27	17	155	ESIG 34 A

Couplings with parallel female thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 f	56	24	27	10	136	ESIG 14 I
G 3/8 f	56	24	27	11	145	ESIG 38 I
G 1/2 f	56	24	27	12	135	ESIG 12 I
G 3/4 f	60	32	27	16	200	ESIG 34 I

Couplings with hose barb

Hose connection	L	SW	D	L1	Weight	Type No.
Hose i.D. 9	76	24	27	25	150	ESIG 9 T
Hose i.D. 10	76	24	27	25	150	ESIG 10 T
Hose i.D. 13	76	24	27	25	152	ESIG 13 T
Hose i.D. 16	76	24	27	25	152	ESIG 16 T
Hose i.D. 19	76	24	27	25	160	ESIG 19 T

For hose clips type ZOS (☺ page 130), type HS (☺ page 131) or crimping ferrules type LPH (☺ page 133)

Plugs with tapered male thread (thread coated)

Thread connection	L	SW	L1	L2	Weight	Type No.
R 1/4 m	40	17	12	21	30	ESIG 14 NAS
R 3/8 m	40	17	12	21	32	ESIG 38 NAS
R 1/2 m	45	22	17	21	35	ESIG 12 NAS
R 3/4 m	48	27	19	21	37	ESIG 34 NAS

Plugs with parallel female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/4 f	34	17	10	21	36	ESIG 14 NIS
G 3/8 f	34	19	11	21	42	ESIG 38 NIS
G 1/2 f	37	24	12	21	41	ESIG 12 NIS
G 3/4 f	42	32	16	21	43	ESIG 34 NIS

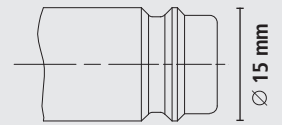
Plugs with hose barb

Hose connection	L	D	L1	L2	Weight	Type No.
Hose i.D. 9	48	15	25	21	24	ESIG 9 SS
Hose i.D. 10	48	15	25	21	24	ESIG 10 SS
Hose i.D. 13	48	15	25	21	28	ESIG 13 SS
Hose i.D. 16	48	20	25	21	30	ESIG 16 SS
Hose i.D. 19	48	24	25	21	35	ESIG 19 SS

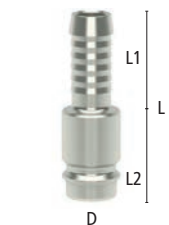
For hose clips type ZOS (☺ page 130), type HS (☺ page 131) or crimping ferrules type LPH (☺ page 133)

DN 10

Plug Profile (original size)



Also in Stainless Steel
Series ESIGE
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Opti
Flow
by **LUDECKE**

