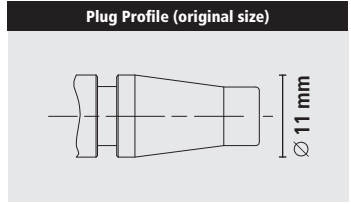


Industrial Quick Connect Couplings

single shut-off **Series ESBI**

- Top-quality, extreme robust one-hand quick connect couplings with British plug profile made of brass MS 58 nickel-plated
- High flow rates with low pressure drop due to patented OptiFlow by **LUDECKE**® valve technology
- Special versions on request i.e. couplings with straight-through or double shut-off valve
- For compressed air supply as well as liquid or gaseous media in industry and craftsmanship

DN 5



Materials

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

Max. Work. Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of Valve	Media	Area	
PN 35 bar	-20°C – +100°C	5	ISO 228 / DIN EN 10226	950 l/min	One-hand	Single Shut-off	Div.	EU + UK	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	19	23	11	114	ESBI 14 A
R 3/8 m	63	19	23	12	117	ESBI 38 A
R 1/2 m	66	22	23	15	145	ESBI 12 A

Couplings with parallel female thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 f	60	19	23	10	117	ESBI 14 I
G 3/8 f	60	19	23	10	111	ESBI 38 I
G 1/2 f	62	24	23	12	146	ESBI 12 I

Couplings with hose barb

Hose connection	L	SW	D	L1	Weight	Type No.
Hose i.D. 6	76	19	23	25	107	ESBI 6 T
Hose i.D. 8	76	19	23	25	109	ESBI 8 T
Hose i.D. 10	76	19	23	25	110	ESBI 10 T
Hose i.D. 13	76	19	23	25	111	ESBI 13 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 1/8 m	37	11	9	28	16	ESBI 18 NAS
R 1/4 m	40	14	12	28	20	ESBI 14 NAS
R 3/8 m	40	17	12	28	25	ESBI 38 NAS

Plugs with parallel female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/8 f	35	14	7	28	18	ESBI 18 NIS
G 1/4 f	37	17	9	28	26	ESBI 14 NIS
G 3/8 f	37	19	9	28	27	ESBI 38 NIS

Plugs with hose barb

Hose connection	L	D	L1	L2	Weight	Type No.
Hose i.D. 6	52	12	24	28	15	ESBI 6 SS
Hose i.D. 8	52	12	24	28	20	ESBI 8 SS
Hose i.D. 10	52	12	24	28	20	ESBI 10 SS

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

