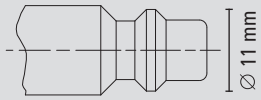
Quick Connect Couplings
Series ESA single shut-off

DN 5.5



Plug Profile (original size)

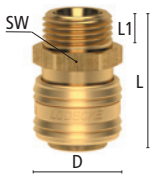
- ISO 6150 B and US Mil.-Spec. C4109 conform
- Sleeve design protects the coupling from dirt
- New hose barb profile for safe fit of hose and easy assembly
- Thread types available with NPT or BSP-threads
- For compressed air lines in industry, craftmanship, hobbies, etc.

Materials

- Body, sleeve, valve body, valve: Brass MS 58 plain
- Springs, retaining ring: Stainless steel 1.4310
- Pins: Stainless steel 1.4305
- O-rings: Buna N
- Plug: Brass MS 58 plain or steel zinc-plated and yellow passivated (free of chrome VI)

Max. Work. Pressure	Temperature	DN	Thread	Flow Capacity	Operation	Type of valve	Media	Area	
PN 35 bar	-20°C – +100°C	5.5	ISO 228 / NPT	775 l/min	One-Hand	Single Shut-Off	Compr. Air	USA, F, SP	10

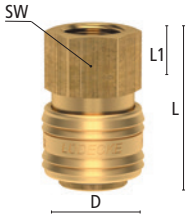
Couplings with male thread



Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 m	40	22	27	9	75	ESA 14 AR
G 3/8 m	41	22	27	10	78	ESA 38 AR
G 1/2 m	41	24	27	10	88	ESA 12 AR
NPT 1/4 m	45	22	27	13.5	81	ESA 14 A
NPT 3/8 m	46	22	27	14.5	84	ESA 38 A
NPT 1/2 m	50	22	27	18	105	ESA 12 A

Male thread sealing for ISO 228 threads with PVC-packing rings type HPD (page 231)

Couplings with female thread



Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 f	41	22	27	10.5	93	ESA 14 IR
G 3/8 f	41	22	27	10.5	89	ESA 38 IR
G 1/2 f	41	24	27	10.5	91	ESA 12 IR
NPT 14 f	43.5	22	27	13.5	101	ESA 14 I
NPT 3/8 f	45	22	27	14.5	96	ESA 38 I
NPT 1/2 f	48	24	27	18	103	ESA 12 I

Couplings with hose barb

Hose connection	L	D	L1	Weight	Type No.
Hose i.D. 6	55	27	25	66	ESA 6 T
Hose i.D. 8	55	27	25	68	ESA 8 T
Hose i.D. 9	55	27	25	70	ESA 9 T
Hose i.D. 13	55	27	25	76	ESA 13 T

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

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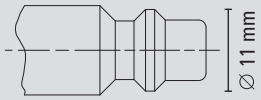
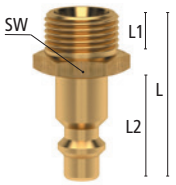


Plug Profile (original size)

Plugs with male thread

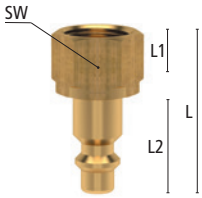
Thread connection	L	SW	L1	L2	Material	Weight	Type No.
G 1/8 m	35	13	7	24	Brass MS 58	19	ESA 18 NAR
G 1/4 m	37	17	9	24	Brass MS 58	23	ESA 14 NAR
G 3/8 m	38	19	9	24	Brass MS 58	31	ESA 38 NAR
NPT 1/8 m	38	13	9.5	24	Brass MS 58	23	ESA 18 NA
NPT 1/4 m	41	14	13	24	Brass MS 58	25	ESA 14 NA
NPT 3/8 m	42	17	13	24	Brass MS 58	31	ESA 38 NA
NPT 1/4 m	41	14	13	24	Steel	22	ESA 14 NAS

Male thread sealing for ISO 228 threads with PVC-packing rings type HPD (page 231)



Plugs with female thread

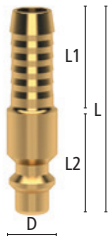
Thread connection	L	SW	L1	L2	Material	Weight	Type No.
G 1/8 f	35	13	9	24	Brass MS 58	18	ESA 18 NIR
G 1/4 f	38	17	12	24	Brass MS 58	27	ESA 14 NIR
G 3/8 f	39	19	12	24	Brass MS 58	26	ESA 38 NIR
NPT 1/8 f	35	13	10	24	Brass MS 58	20	ESA 18 NI
NPT 1/4 f	40	17	14	24	Brass MS 58	29	ESA 14 NI
NPT 3/8 f	42	21	15	24	Brass MS 58	40	ESA 38 NI
NPT 1/4 f	40	17	14	24	Steel	27	ESA 14 NIS



Plugs with hose barb

Hose connection	L	D	L1	L2	Material	Weight	Type No.
Hose i.D. 6	49	12	25	24	Brass MS 58	17	ESA 6 S
Hose i.D. 9	48	12	24	24	Brass MS 58	21	ESA 9 S
Hose i.D. 13	48	15	23	24	Brass MS 58	29	ESA 13 S
Hose i.D. 6	49	12	25	24	Steel	16	ESA 6 SS
Hose i.D. 9	48	12	24	24	Steel	19	ESA 9 SS
Hose i.D. 13	48	15	23	24	Steel	26	ESA 13 SS

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



Special versions on request.