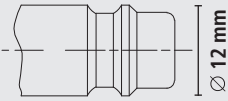


Quick Connect Couplings The original

Series ES straight-through

DN 7.2

Plug Profile (original size)



Also in Stainless Steel
Series ESE
Page 300

- Universal one-hand-quick connect couplings made of brass MS 58 plain/ nickel-plated
- Straight-through passage for optimised flow capacity, particularly for water/ liquid applications
- Please connect with plug series ES DN 7.2 with straight-through passage (page 45)
- Suitable for low vacuum at low couple force compared to all other compatible products
- Closed sleeve design protects the coupling from dirt
- For compressed air supply in industry, handcrafts, hobby as well as for water and other media

Materials

- Body, sleeve, valve body, valve: Brass MS 58 plain/ nickel-plated
- Springs, retaining ring: Stainless steel 1.4310
- Pins: Stainless steel 1.4305
- Seals: NBR - additional charge for EPDM (0.40 Euro) and FKM seals (0.94 Euro)
- Plug: Brass MS 58 plain/ nickel-plated or steel zinc-plated and yellow passivated (free of chrome VI)

Max. Working Pressure	Temperature	DN	Thread	Flow Rate	Operation	Type of Valve	Media	Area	
PN 35 bar	-20°C – +100°C	7.2	ISO 228/ DIN 13	2150 l/min	One-hand	straight-through	Air / Others	Worldwide	10

Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
G 1/8 m	40	22	27	9	73	ESN 18 AO	ES 18 AO
G 1/4 m	40	22	27	9	73	ESN 14 AO	ES 14 AO
G 3/8 m	41	22	27	9	76	ESN 38 AO	ES 38 AO
G 1/2 m	41	24	27	10	87	ESN 12 AO	ES 12 AO
M 14x1.5 m	40	22	27	9	73	ESN 1415 AO	ES 1415 AO
M 16x1.5 m	41	22	27	9	76	ESN 1615 AO	ES 1615 AO
M 18x1.5 m	41	22	27	9	76	ESN 1815 AO	ES 1815 AO

Male thread sealing with PVC sealing ring type HPD (© page 212)

Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
G 1/8 f	41	22	27	10.5	92	ESN 18 IO	ES 18 IO
G 1/4 f	41	22	27	10.5	92	ESN 14 IO	ES 14 IO
G 3/8 f	41	22	27	10.5	85	ESN 38 IO	ES 38 IO
G 1/2 f	42.5	24	27	12	87	ESN 12 IO	ES 12 IO
M 14x1.5 f	41.5	22	27	12	87	ESN 1415 IO	ES 1415 IO
M 16x1.5 f	41.5	22	27	12	87	ESN 1615 IO	ES 1615 IO
M 18x1.5 f	41.5	22	27	12	87	ESN 1815 IO	ES 1815 IO

Couplings with hose barb

Hose connection	L	D	L1	Weight	Type No. n. plated	Type No. plain
Hose i.D. 6	55	27	25	64	ESN 6 TO	ES 6 TO
Hose i.D. 8	55	27	25	64	ESN 8 TO	ES 8 TO
Hose i.D. 9	55	27	25	68	ESN 9 TO	ES 9 TO
Hose i.D. 10	55	27	25	68	ESN 10 TO	ES 10 TO
Hose i.D. 13	55	27	25	75	ESN 13 TO	ES 13 TO

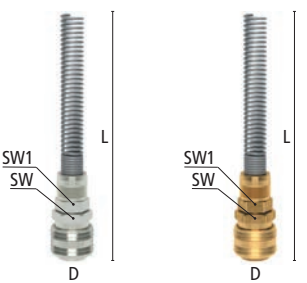
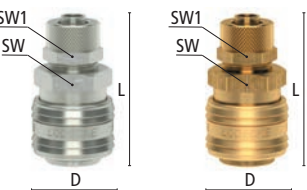
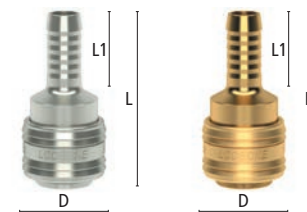
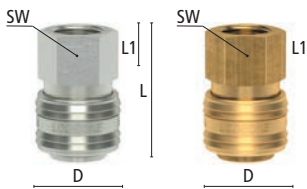
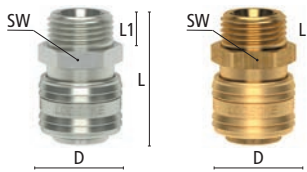
For hose clips type ZOS (© page 130), type HS (© page 131) or crimping ferrules type LPH (© page 133)

Couplings with squeeze nut

Hose connection	L	SW	D	SW1	Weight	Type No. n. plated	Type No. plain
Hose 4x6	44	22	27	12	73	ESN 4 TQO	ES 4 TQO
Hose 6x8	44	22	27	14	78	ESN 6 TQO	ES 6 TQO
Hose 8x10	48	22	27	17	83	ESN 8 TQO	ES 8 TQO
Hose 9x12	48	22	27	17	85	ESN 9 TQO	ES 9 TQO

Couplings with squeeze nut and spring guard

Hose connection	L	SW	D	SW1	Weight	Type No. n. plated	Type No. plain
Hose 4x6	125	22	27	12	85	ESN 4 TQFO	ES 4 TQFO
Hose 5x8	130	22	27	14	88	ESN 58 TQFO	ES 58 TQFO
Hose 6x8	130	22	27	14	90	ESN 6 TQFO	ES 6 TQFO
Hose 6,5x10	130	22	27	17	95	ESN 6510 TQFO	ES 6510 TQFO
Hose 8x10	136	22	27	19	120	ESN 8 TQFO	ES 8 TQFO
Hose 8x12	140	22	27	19	130	ESN 812 TQFO	ES 812 TQFO
Hose 9x12	126	22	27	19	141	ESN 9 TQFO	ES 9 TQFO

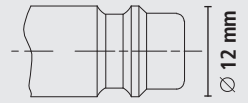


The original Quick Connect Couplings

straight-through **Series ES**

DN 7.2

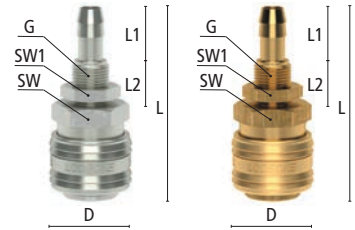
Plug Profile (original size)



Bulkhead coupling

Hose connect.	L	SW	D	L1	L2	SW1	G	Weight	Type No. n. plated	Type No. MS plain
Hose i.D. 6	62	22	27	17	14	17	M 12x1 a	87	ESN 6 TSVO	ES 6 TSVO
Hose i.D. 8	62	22	27	17	14	17	M 12x1 a	88	ESN 8 TSVO	ES 8 TSVO
Hose i.D. 10	70	22	27	25	14	19	M 14x1 a	90	ESN 10 TSVO	ES 10 TSVO

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



Manifolds for Quick Connect Couplings

made of brass MS 58

- Manifolds for quick connect couplings made of brass MS 58 plain
- Available as 3-way manifold/ 4-way manifold with female thread or 3-way manifold/ 4-way manifold with quick connect couplings DN 7,2 (page 124)
- For the distribution of compressed air from a central extraction point

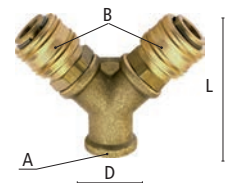
Materials

- Manifold and quick connect coupling: Brass MS 58 plain

Max. Working Pressure	Temperature	Media
PN 35 bar	-20°C – +100°C	Air / Others

3-way manifolds with one-hand quick connect couplings DN 7.2 assembled

Inlet (A)	Outlet (B)	L	D	Passage	⊠	Weight	Type No.
G 3/8 f	2 x ES 38 A	67	26	7.2	1	241	DWS 38 ES
G 1/2 f	2 x ES 12 A	69	27.5	7.2	1	275	DWS 12 ES



4-way manifolds with one-hand quick connect couplings DN 7.2 assembled

Inlet (A)	Outlet (B)	L	D	Passage	⊠	Weight	Type No.
G 3/8 f	3 x ES 38 A	92	26	7.2	1	417	VWS 38 ES
G 1/2 f	3 x ES 12 A	91	27.5	7.2	1	435	VWS 12 ES

