

- One-hand quick connect couplings made of brass MS 58 plain/ nickel-plated
- 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 EN 10226/ DIN 13	1100 l/min	One-hand	Single shut-off	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	38	22	27	7	70	ESN 18 A	ES 18 A
G 1/4 m	40	22	27	9	73	ESN 14 A	ES 14 A
G 3/8 m	41	22	27	9	76	ESN 38 A	ES 38 A
G 1/2 m	41	24	27	10	87	ESN 12 A	ES 12 A
M 14x1.5 m	40	22	27	9	75	ESN 1415 A	ES 1415 A
M 16x1.5 m	40	22	27	9	75	ESN 1615 A	ES 1615 A
M 18x1.5 m	40	22	27	10	78	ESN 1815 A	ES 1815 A

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

Couplings with tapered/ cylindrical male thread, environmentally friendly Loctite-coated

Thread connection	L	SW	D	L1	Weight	Type No. plain
R 1/4 m	42	22	27	11	76	ES 14 AB
R 3/8 m	44	22	27	12	79	ES 38 AB
G 1/2 m	45	22	27	15	96	ES 12 AB

Couplings with female thread

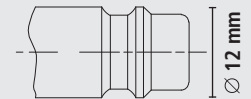
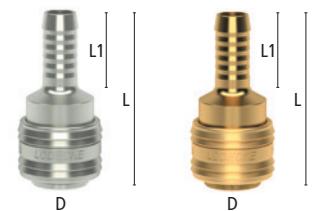
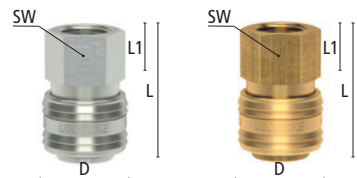
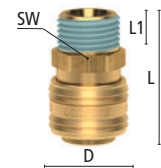
Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
G 1/8 f	39	22	27	9	90	ESN 18 I	ES 18 I
G 1/4 f	41	22	27	10.5	92	ESN 14 I	ES 14 I
G 3/8 f	41	22	27	10.5	85	ESN 38 I	ES 38 I
G 1/2 f	42.5	24	27	12	87	ESN 12 I	ES 12 I
G 3/4 f	43.5	32	27	13	110	ESN 34 I	ES 34 I
M 14x1.5 f	41.5	22	27	11	90	ESN 1415 I	ES 1415 I
M 16x1.5 f	41.5	22	27	11	84	ESN 1615 I	ES 1615 I
M 18x1.5 f	41.5	22	27	12	80	ESN 1815 I	ES 1815 I

Couplings with hose barb

Hose connection	L	D	L1	Weight	Type No. n. plated	Type No. plain
Hose i.D. 6	55	27	23	64	ESN 6 T	ES 6 T
Hose i.D. 8	55	27	24	67	ESN 8 T	ES 8 T
Hose i.D. 9	55	27	24	68	ESN 9 T	ES 9 T
Hose i.D. 10	58	27	28	70		ES 10 TH*
Hose i.D. 10	55	27	24	70	ESN 10 T	ES 10 T
Hose i.D. 13	58	27	28	75		ES 13 TH*
Hose i.D. 13	55	27	25	75	ESN 13 T	ES 13 T

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

* ES 10 TH and ES 13 TH for the use with quick-fit hoses (e.g. Parker Push-Lock, Gates Lock-on)

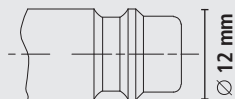
DN 7.2**Plug Profile (original size)**Also in Stainless Steel
Series ESE
Page 296

Quick Connect Couplings The original

Series ES single shut-off

DN 7.2

Plug Profile (original size)



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 TQ	ES 4 TQ
Hose 6x8	44	22	27	14	78	ESN 6 TQ	ES 6 TQ
Hose 8x10	48	22	27	17	83	ESN 8 TQ	ES 8 TQ
Hose 9x12	48	22	27	17	85	ESN 9 TQ	ES 9 TQ

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 TQF	ES 4 TQF
Hose 5x8	130	22	27	14	88	NEW! ESN 58 TQF*	ES 58 TQF*
Hose 6x8	130	22	27	14	90	ESN 6 TQF	ES 6 TQF
Hose 6.5x10	130	22	27	17	95	NEW! ESN 6510 TQF*	ES 6510 TQF*
Hose 8x10	136	22	27	19	120	ESN 8 TQF	ES 8 TQF
Hose 8x12	140	22	27	19	130	NEW! ESN 812 TQF*	ES 812 TQF*
Hose 9x12	126	22	27	19	141	ESN 9 TQF	ES 9 TQF

* = 5

Bulkhead couplings

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

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

Couplings with plug DN 5-ESM system adapter

Connection	L	D	L1	DS	Weight	Type No.
Plug ESM DN 5	44	27	14	9	69	ESK-ESMS

Couplings with angle hose barb 45°

Hose connection	L	D	L1	Weight	Type No.
Hose i.D. 6	44	27	22.5	100	ES 6 T-45
Hose i.D. 9	44	27	22.5	100	ES 9 T-45
Hose i.D. 13	44	27	25	110	ES 13 T-45

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

Couplings with angle hose barb 90°

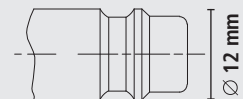
Hose connection	L	D	L1	Weight	Type No.
Hose i.D. 6	44	27	22.5	105	ES 6 T-90
Hose i.D. 9	44	27	22.5	105	ES 9 T-90
Hose i.D. 13	44	27	25	115	ES 13 T-90

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

Angle-Thread Couplings available on request.

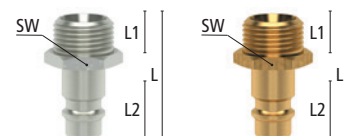
DN 7.2

Plug Profile (original size)

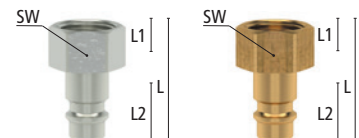
**Plugs with male thread**

Thread connection	L	SW	L1	L2	Material	Weight	Type No. n. plated	Type No. plain
G 1/8 m	31	13	7	20	MS 58	17	ESN 18 NA	ES 18 NA
G 1/4 m	33	17	9	20	MS 58	21	ESN 14 NA	ES 14 NA
G 3/8 m	33	19	9	20	MS 58	26	ESN 38 NA	ES 38 NA
G 1/2 m	35	24	10	20	MS 58	41	ESN 12 NA	ES 12 NA
M 14x1.5 m	33	17	9	20	MS 58	26	NEW! ESN 1415 NA	ES 1415 NA
M 16x1.5 m	33	19	9	20	MS 58	32	NEW! ESN 1615 NA	ES 1615 NA
M 18x1.5 m	34	22	10	20	MS 58	36	NEW! ESN 1815 NA	ES 1815 NA
G 1/8 m	31	13	7	20	Steel zinc-pl.	15		ES 18 NAS
G 1/4 m	33	17	9	20	Steel zinc-pl.	19		ES 14 NAS
G 3/8 m	34	19	9	20	Steel zinc-pl.	24		ES 38 NAS
G 1/2 m	36	24	10	20	Steel zinc-pl.	39		ES 12 NAS

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

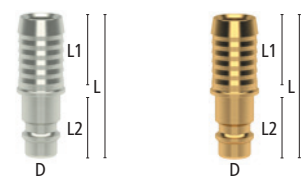
**Plugs with female thread**

Thread connection	L	SW	L1	L2	Material	Weight	Type No. n. plated	Type No. plain
G 1/8 f	31	13	9	20	MS 58	16	ESN 18 NI	ES 18 NI
G 1/4 f	33	17	10	20	MS 58	24	ESN 14 NI	ES 14 NI
G 3/8 f	33	19	10	20	MS 58	23	ESN 38 NI	ES 38 NI
G 1/2 f	35	24	12	20	MS 58	38	ESN 12 NI	ES 12 NI
M 14x1.5 f	33	17	11	20	MS 58	25	NEW! ESN 1415 NI	ES 1415 NI
M 16x1.5 f	33	19	11	20	MS 58	36	NEW! ESN 1615 NI	ES 1615 NI
M 18x1.5 f	35	22	12	20	MS 58	43	NEW! ESN 1815 NI	ES 1815 NI
G 1/8 f	31	13	9	20	Steel zinc-pl.	15		ES 18 NIS
G 1/4 f	33	17	10	20	Steel zinc-pl.	22		ES 14 NIS
G 3/8 f	33	19	10	20	Steel zinc-pl.	21		ES 38 NIS
G 1/2 f	35	24	12	20	Steel zinc-pl.	35		ES 12 NIS

**Plugs with hose barb**

Hose connection	L	D	L1	L2	Material	Weight	Type No. n. plated	Type No. plain
Hose i.D. 4	44	12	23	20	MS 58	10	ESN 4 S	ES 4 S
Hose i.D. 6	44	12	24	20	MS 58	14	ESN 6 S	ES 6 S
Hose i.D. 8	44	12	24	20	MS 58	18	ESN 8 S	ES 8 S
Hose i.D. 9	44	12	24	20	MS 58	17	ESN 9 S	ES 9 S
Hose i.D. 10	47	12	26	20	MS 58	21		ES 10 SH*
Hose i.D. 10	44	12	23	20	MS 58	19	ESN 10 S	ES 10 S
Hose i.D. 13	47	15	26	20	MS 58	26		ES 13 SH*
Hose i.D. 13	44	15	23	20	MS 58	24	ESN 13 S	ES 13 S
Hose i.D. 6	44	12	24	20	Steel zinc-pl.	13		ES 6 SS
Hose i.D. 8	44	12	24	20	Steel zinc-pl.	18		ES 8 SS
Hose i.D. 9	44	12	24	20	Steel zinc-pl.	16		ES 9 SS
Hose i.D. 13	44	15	23	20	Steel zinc-pl.	26		ES 13 SS

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



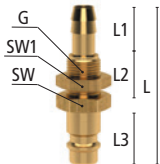
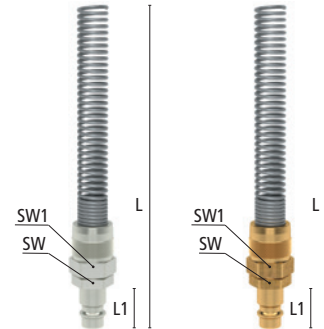
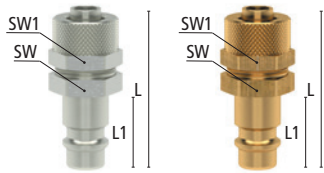
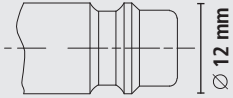
* ES 10 TH and ES 13 TH for the use with quick-fit hoses (e.g. Parker Push-Lock, Gates Lock-on)

Quick Connect Couplings The original

Series ES single shut-off

DN 7.2

Plug Profile (original size)



Plugs with squeeze nut

Hose connection	L	SW	L1	SW1	Weight	Type No. n. plated	Type No. plain
Hose 4x6	34	12	20	-	18	ESN 4 SQ	ES 4 SQ
Hose 6x8	34	14	20	-	19	ESN 6 SQ	ES 6 SQ
Hose 8x10	43	17	20	17	38	ESN 8 SQ	ES 8 SQ
Hose 9x12	43	17	20	17	36	ESN 9 SQ	ES 9 SQ

Plugs with squeeze nut and spring guard

Hose connection	L	SW	L1	SW1	Weight	Type No. n. plated	Type No. plain
Hose 4x6	115	-	20	12	30	ESN 4 SQF	ES 4 SQF
Hose 5x8	115	17	20	14	34	NEW! ESN 58 SQF*	ES 58 SQF*
Hose 6x8	115	-	20	14	37	ESN 6 SQF	ES 6 SQF
Hose 6.5x10	115	17	20	17	48	NEW! ESN 6510 SQF*	ES 6510 SQF*
Hose 8x10	132	17	20	19	83	ESN 8 SQF	ES 8 SQF
Hose 8x12	132	17	20	19	84	NEW! ESN 812 SQF	ES 812 SQF*
Hose 9x12	132	17	20	19	86	ESN 9 SQF	ES 9 SQF

* = 5

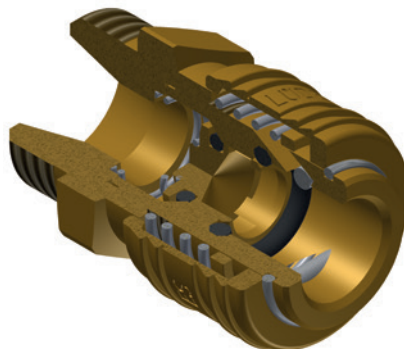
Bulkhead plugs

Hose connection	L	SW	L1	L2	L3	SW1	G	Weight	Type No.
Hose i.D. 6	56	14	17	14	20	17	M 12x1 m	30	ES 6 SSV
Hose i.D. 8	56	17	17	14	20	17	M 12x1 m	35	ES 8 SSV
Hose i.D. 10	56	17	17	14	20	19	M 14x1 m	42	ES 10 SSV

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

Plug System-Adapters

Connection	L	D	L1	L2	DS	DS1	Weight	Type No.
DN 5 - DN 7.2	36	14	20	14	12	9	16	ESM-ES



- One-hand quick connect couplings made of brass MS 58 plain/ nickel-plated
- Double shut-off to avoid leaking media when disconnecting
- Please note: Valve construction designed for media flow from coupling to plug
- Suitable for low vacuum at low couple force compared to all other compatible products
- Closed sleeve design protects the coupling from dirt
- Adheres to the German Clean Air Act "TA-Luft" for industrial production plants
- **Attention: Couplings can be connected with straight-through plugs DN 7.2. However, double shut-off plugs cannot be connected with standard couplings DN 7.2**
- Several fields of application, above all for liquid media in construction, control technology, switchboard cooling, etc.

Materials

- Body, sleeve, valve body, valve, plug: Brass MS 58 plain/ nickel-plated
- Seals: NBR - additional charge for EPDM (0.40 Euro) and FKM seals (0.94 Euro)
- Springs, retaining ring: Stainless steel 1.4310
- Pins: Stainless steel 1.4305

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	630 l/min	One-hand	Double shut-off	Air / Others	Worldwide	10

Couplings with male thread

Thread connection	L	SW	D	L1	Weight	Type No. n. plated	Type No. plain
NEW! G 1/8 m	38	22	27	7	73	ESN 18 AAB	ES 18 AAB
G 1/4 m	40	22	27	9	73	ESN 14 AAB	ES 14 AAB
G 3/8 m	41	22	27	9	76	ESN 38 AAB	ES 38 AAB
G 1/2 m	41	24	27	10	87	ESN 12 AAB	ES 12 AAB
NEW! M 14x1.5 m	40	22	27	9	78	ESN 1415 AAB	ES 1415 AAB
M 16x1.5 m	40	22	27	9	78	ESN 1615 AAB	ES 1615 AAB
NEW! M 18x1.5 m	40	22	27	10	78	ESN 1815 AAB	ES 1815 AAB

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
NEW! G 1/8 f	39	22	27	9	92	ESN 18 IAB	ES 18 IAB
G 1/4 f	41	22	27	10.5	92	ESN 14 IAB	ES 14 IAB
G 3/8 f	41	22	27	10.5	85	ESN 38 IAB	ES 38 IAB
G 1/2 f	42.5	24	27	12	87	ESN 12 IAB	ES 12 IAB
NEW! M 14x1.5 f	41.5	22	27	11	85	ESN 1415 IAB	ES 1415 IAB
M 16x1.5 f	41.5	22	27	11	85	ESN 1615 IAB	ES 1615 IAB
NEW! M 18x1.5 f	41.5	22	27	12	85	ESN 1815 IAB	ES 1815 IAB

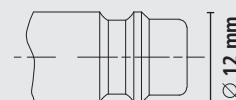
Couplings with hose barb

Hose connection	L	D	L1	Weight	Type No. n. plated	Type No. plain
NEW! SLW 6	55	27	23	64	ESN 6 TAB	ES 6 TAB
SLW 8	55	27	24	64	ESN 8 TAB	ES 8 TAB
SLW 9	55	27	24	68	ESN 9 TAB	ES 9 TAB
SLW 10	55	27	24	68	ESN 10 TAB	ES 10 TAB
NEW! SLW 13	55	27	25	75	ESN 13 TAB	ES 13 TAB

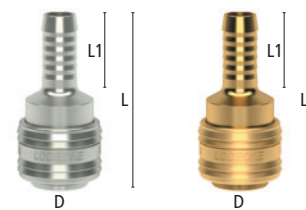
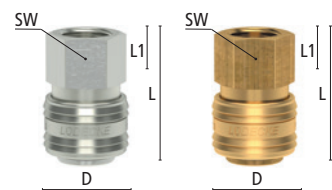
For hose clips type ZOS (☺ page 130), type HS (☺ page 131) or crimping ferrules type LPH (☺ page 133)

DN 7.2

Plug Profile (original size)



Also in Stainless Steel
Series ESE
Page 298

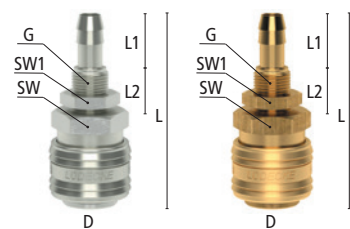
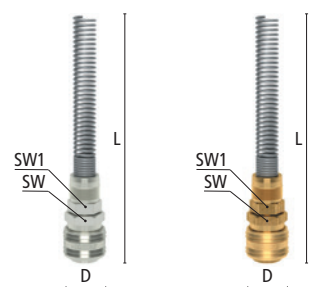
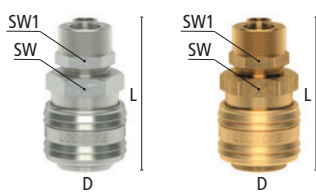
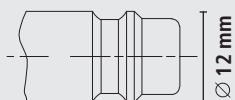


Quick Connect Couplings The original

Series ES double shut-off

DN 7.2

Plug Profile (original size)



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 TQAB	ES 4 TQAB
Hose 6x8	44	22	27	14	78	ESN 6 TQAB	ES 6 TQAB
Hose 8x10	48	22	27	17	83	ESN 8 TQAB	ES 8 TQAB
Hose 9x12	48	22	27	17	85	ESN 9 TQAB	ES 9 TQAB

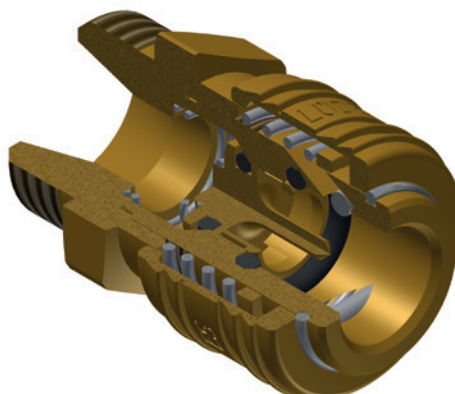
Couplings with squeeze nut and spring guard

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

Bulkhead couplings

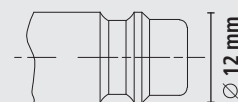
Hose connect.	L	SW	D	L1	L2	SW1	G	Weight	Type No. n. plated	Type No. plain
Hose i.D. 6	62	22	27	17	14	17	M 12x1 m	87	ESN 6 TSVAB	ES 6 TSVAB
Hose i.D. 8	62	22	27	17	14	17	M 12x1 m	88	ESN 8 TSVAB	ES 8 TSVAB
Hose i.D. 10	70	22	27	25	14	19	M 14x1 m	90	ESN 10 TSVAB	ES 10 TSVAB

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



DN 7.2

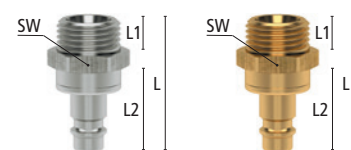
Plug Profile (original size)



Plugs with male thread

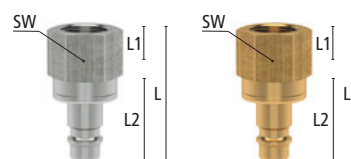
Thread connection	L	SW	L1	L2	Weight	Type No. n. plated	Type No. plain
NEW! G 1/8 m	41	22	7	20	45	ESN 18 NAAB	ES 18 NAAB
G 1/4 m	43	22	9	20	45	ESN 14 NAAB	ES 14 NAAB
G 3/8 m	44	22	10	20	48	ESN 38 NAAB	ES 38 NAAB
G 1/2 m	44	24	10	20	60	ESN 12 NAAB	ES 12 NAAB
NEW! M 14x1.5 m	43	22	9	20	46	ESN 1415 NAAB	ES 1415 NAAB
M 16x1.5 m	43	22	9	20	46	ESN 1615 NAAB	ES 1615 NAAB
NEW! M 18x1.5 m	43	22	10	20	46	ESN 1815 NAAB	ES 1815 NAAB

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



Plugs with female thread

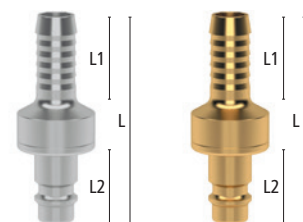
Thread connection	L	SW	L1	L2	Weight	Type No. n. plated	Type No. plain
NEW! G 1/8 f	44	22	10.5	20	64	ESN 18 NIAB	ES 18 NIAB
G 1/4 f	44	22	10.5	20	64	ESN 14 NIAB	ES 14 NIAB
G 3/8 f	44	22	10.5	20	57	ESN 38 NIAB	ES 38 NIAB
G 1/2 f	44.5	24	12	20	62	ESN 12 NIAB	ES 12 NIAB
NEW! M 14x1.5 f	43.5	22	11	20	60	ESN 1415 NIAB	ES 1415 NIAB
M 16x1.5 f	43.5	22	11	20	60	ESN 1615 NIAB	ES 1615 NIAB
NEW! M 18x1.5 f	43.5	22	11	20	60	ESN 1815 NIAB	ES 1815 NIAB



Plugs with hose barb

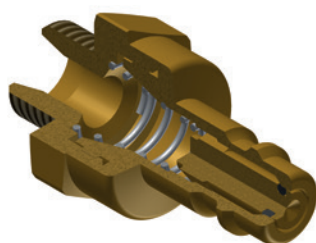
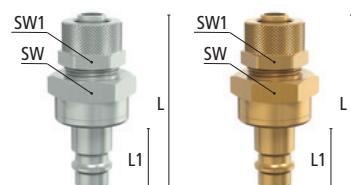
Hose connection	L	L1	L2	Weight	Type No. n. plated	Type No. plain
NEW! Hose i.D. 4	58	25	20	34	ESN 4 SAB	ES 4 SAB
Hose i.D. 6	58	25	20	34	ESN 6 SAB	ES 6 SAB
NEW! Hose i.D. 8	58	25	20	34	ESN 8 SAB	ES 8 SAB
Hose i.D. 9	58	25	20	38	ESN 9 SAB	ES 9 SAB
NEW! Hose i.D. 10	58	25	20	44	ESN 10 SAB	ES 10 SAB
Hose i.D. 13	58	25	20	44	ESN 13 SAB	ES 13 SAB

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



Plug with squeeze nut

Hose connection	L	SW	L1	SW1	Weight	Type No. n. plated	Type No. plain
NEW! Hose 4x6	34	12	20	-	18	ESN 4 SQAB	ES 4 SQAB
Hose 6x8	34	14	20	-	19	ESN 6 SQAB	ES 6 SQAB
Hose 8x10	43	17	20	17	38	ESN 8 SQAB	ES 8 SQAB
Hose 9x12	43	17	20	17	36	ESN 9 SQAB	ES 9 SQAB

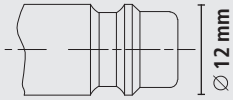


Quick Connect Couplings The original

Series ES straight-through

DN 7.2

Plug Profile (original size)



Also in Stainless Steel
Series ESE
Page 300

- 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	10	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	40	22	27	9	76	ESN 1615 AO	ES 1615 AO
M 18x1.5 m	40	22	27	10	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	39	22	27	9	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	11	87	ESN 1415 IO	ES 1415 IO
M 16x1.5 f	41.5	22	27	11	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	24	64	ESN 6 TO	ES 6 TO
Hose i.D. 8	55	27	24	64	ESN 8 TO	ES 8 TO
Hose i.D. 9	55	27	24	68	ESN 9 TO	ES 9 TO
Hose i.D. 10	55	27	24	68	ESN 10 TO	ES 10 TO
Hose i.D. 13	55	27	25	75	ESN 13 TO	ES 13 TO

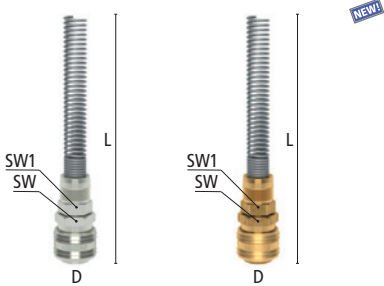
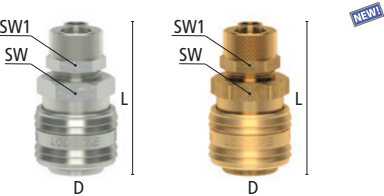
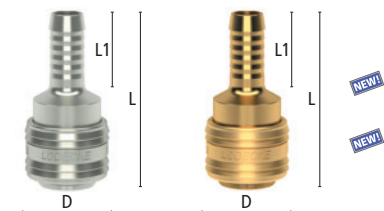
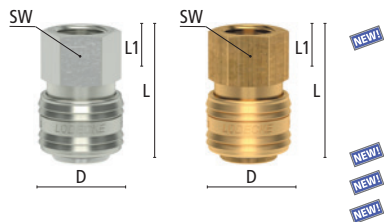
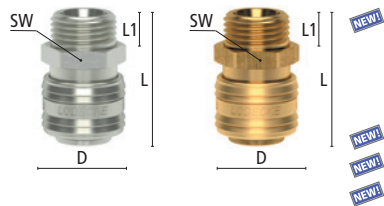
For hose clips type ZOS (☺ page 130), type HS (☺ page 131) or crimping ferrules type LPH (☺ page 133)

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



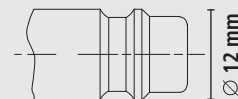
The original

Quick Connect Couplings

straight-through **Series ES**

DN 7.2

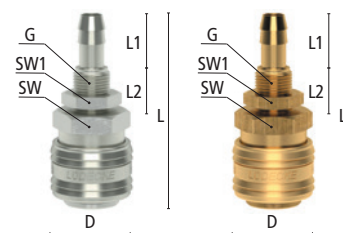
Plug Profile (original size)



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](#)

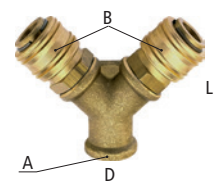
Materials

- 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	5	241	DWS 38 ES
G 1/2 f	2 x ES 12 A	69	27.5	7.2	5	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	5	417	VWS 38 ES
G 1/2 f	3 x ES 12 A	91	27.5	7.2	5	435	VWS 12 ES

