

# Standard Quick-Disconnect Couplings

## Series ES one-way shut-off

### DN 7.2

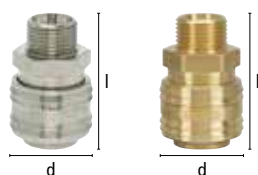
- Universal Quick Disconnect Couplings of brass blank or nickel plated
- New stem profile for safe fit of the hose and easy assembly
- Closed Sleeve protects the coupling from dirt
- **Application: For compressed air lines in industry, garages, construction. For water and other fluids**

#### Materials

- Connections, Sleeve, Valve body, Valve: MS 58, resp. MS 58 nickel-plated
- Spring, Retaining rings, Pins: stainless steel 1.4310
- O-Rings: Perbunan, EPDM and FKM on request
- Plugs: MS 58 resp. steel zinc plated and yellow passivated (free of chrome VI)

Max. Work. Pressure	Temperature	Medium	DN	Threads	Flow Capacity	One-Hand	Shut-Off	Norm	Area
PN 35 bar	-20°C – +100°C	air a.o.	7,2	ISO 228/DIN 2999/DIN 13	1100 L/min	yes	1-way	Eur. Standard	world-wide

#### Couplings with male thread



Thread	Hexag.	l	d	Thread Leng.	Weight/pc g	Type No. nickel plated	Type No. blank
G 1/8"	22	38	27	7	70	ESN 18 A	ES 18 A
G 1/4"	22	40	27	9	73	ESN 14 A	ES 14 A
G 3/8"	22	41	27	9	76	ESN 38 A	ES 38 A
G 1/2"	24	41	27	10	87	ESN 12 A	ES 12 A
M 14 x 1,5	22	40	27	9	75	ESN 1415 A	ES 1415 A
M 16 x 1,5	22	40	27	9	75	ESN 1615 A	ES 1615 A
M 18 x 1,5	22	40	27	10	78	ESN 1815 A	ES 1815 A

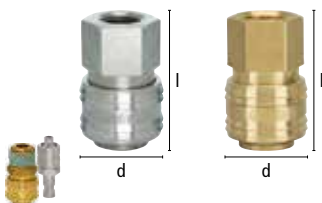
Male thread sealing with PVC-packing rings type HPD (© catalogue page 25)

#### Couplings with male thread (tapered), Loctite-laminated



Thread	Hexag.	l	d	Thread Leng.	Weight/pc g	Type No. blank
R 1/4"	22	42	27	11	76	ES 14 AB
R 3/8"	22	44	27	12	79	ES 38 AB
G 1/2"	22	45	27	15	96	ES 12 AB

#### Couplings with female thread



Thread	Hexag.	l	d	Thread Leng.	Weight/pc g	Type No. nickel plated	Type No. blank
G 1/8"	22	39	27	9	90	ESN 18 I	ES 18 I
G 1/4"	22	41	27	10.5	92	ESN 14 I	ES 14 I
G 3/8"	22	41	27	10.5	85	ESN 38 I	ES 38 I
G 1/2"	24	42.5	27	12	87	ESN 12 I	ES 12 I
G 3/4"	32	42.5	34	13	110	ESN 34 I	ES 34 I
M 14 x 1,5	22	41.5	27	11	90	ESN 1415 I	ES 1415 I
M 16 x 1,5	22	41.5	27	11	84	ESN 1615 I	ES 1615 I
M 18 x 1,5	22	41.5	27	12	80	ESN 1815 I	ES 1815 I

#### Couplings with hose stem



Hose i.D.	l	d	Stem Leng.	Weight/pc g	Type No. nickel plated	Type No. blank
6 mm	55	27	25	64	ESN 6 T	ES 6 T
8 mm	55	27	25	67	ESN 8 T	ES 8 T
9 mm	55	27	25	68	ESN 9 T	ES 9 T
10 mm	58	27	28	70		ES 10 TH*
10 mm	55	27	25	70	ESN 10 T	ES 10 T
13 mm	58	27	28	75		ES 13 TH*
13 mm	55	27	25	75	ESN 13 T	ES 13 T

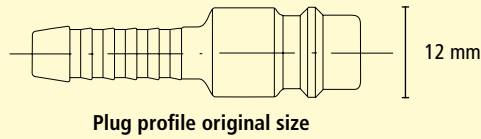
For hose clips type HS (© catalogue page 53 / 54), type ZOS (© catalogue page 52)  
or crimping ferrules type LPH (© catalogue page 55)

\*ES10TH and ES13TH for the use of quick-fit hoses (e.g. Parker Push-lock, Gates Lock-on)

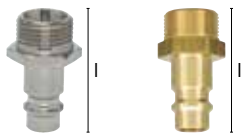
# Standard Quick-Disconnect Couplings

## Series ES one-way shut-off

### DN7.2



#### Plugs with male thread



Thread	Hex. I	Thread L.	Plug L.	Material	Weight/pc. g	Type No. nickel	Typ No. blank
G 1/8"	13 31	7	20	MS 58	17	ESN 18 NA	ES 18 NA
G 1/4"	17 33	9	20	MS 58	21	ESN 14 NA	ES 14 NA
G 3/8"	19 33	9	20	MS 58	26	ESN 38 NA	ES 38 NA
G 1/2"	24 35	10	20	MS 58	41	ESN 12 NA	ES 12 NA
M 14 x 1.5	17 33	9	20	MS 58	26		ES 1415 NA
M 16 x 1.5	19 33	9	20	MS 58	32		ES 1615 NA
M 18 x 1.5	22 34	10	20	MS 58	36		ES 1815 NA
G 1/8"	13 31	7	20	steel	15		ES 18 NAS
G 1/4"	17 33	9	20	steel	19		ES 14 NAS
G 3/8"	19 33	9	20	steel	24		ES 38 NAS
G 1/2"	24 36	10	20	steel	39		ES 12 NAS

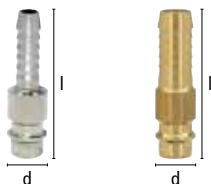
Male thread sealing with PVC-packing rings type HPD (© catalogue page 25)

#### Plugs with female thread



Thread	Hex. I	Thread L.	Plug L.	Material	Weight/pc. g	Type No. nickel plated	Typ No blank
G 1/8"	13 31	9	20	MS 58	16	ESN 18 NI	ES 18 NI
G 1/4"	17 33	10	20	MS 58	24	ESN 14 NI	ES 14 NI
G 3/8"	19 33	10	20	MS 58	23	ESN 38 NI	ES 38 NI
G 1/2"	24 35	12	20	MS 58	38	ESN 12 NI	ES 12 NI
M 14 x 1.5	17 33	11	20	MS 58	25		ES 1415 NI
M 16 x 1.5	19 33	11	20	MS 58	36		ES 1615 NI
M 18 x 1.5	22 35	12	20	MS 58	43		ES 1815 NI
G 1/8"	13 31	9	20	steel	15		ES 18 NIS
G 1/4"	17 33	10	20	steel	22		ES 14 NIS
G 3/8"	19 33	10	20	steel	21		ES 38 NIS
G 1/2"	24 35	12	20	steel	35		ES 12 NIS

#### Plugs with hose stem



Hose i.D.	I	d	Stem L.	Plug L.	Material	Weight/pc. g	Type No. nickel plated	Typ No blank
4 mm	44	12	22,5	20	MS 58	10	ESN 4 S	ES 4 S
6 mm	44	12	24	20	MS 58	14	ESN 6 S	ES 6 S
8 mm	44	12	24	20	MS 58	18	ESN 8 S	ES 8 S
9 mm	44	12	24	20	MS 58	17	ESN 9 S	ES 9 S
10 mm	47	12	26	20	MS 58	21		ES 10 SH*
10 mm	44	12	23	20	MS 58	19	ESN 10 S	ES 10 S
13 mm	47	15	26	20	MS 58	26		ES 13 SH*
13 mm	44	15	23	20	MS 58	24	ESN 13 S	ES 13 S
6 mm	44	12	24	20	steel	13		ES 6 SS
8 mm	44	12	24	20	steel	18		ES 8 SS
9 mm	44	12	24	20	steel	16		ES 9 SS
13 mm	44	15	23	20	steel	26		ES 13 SS

For hose clips type HS (© catalogue page 53 / 54), type ZOS (© catalogue page 52)

or crimping ferrules type LPH (© catalogue page 55)

\*ES10TH and ES13TH for the use of quick-fit hoses (le.g. Parker Push-lock, Gates Lock-on)