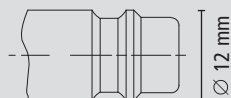


Safety Self-Venting Couplings

Series ESIS with Sleeve Concept - single shut-off

According to
ISO 4414/
DIN EN 983/ BIA

DN 7.8



Plug Profile (original size)

- High-quality, ergonomic and very robust one-hand quick connect couplings in brass MS 58 nickel-plated with a sleeve made of hardened steel and optimum sealing and compact dimensions
- High flow capacity at low pressure drop due to streamlined valve
- For a safe handling of flexible compressed-air lines
- **Attention: An absolutely safe function can only be guaranteed by using hardened steel plugs!**
- Very easy to connect, disconnection in two steps by pushing and pulling the sleeve in direction of arrow. Automatic air-relief after step 1, riskless disconnection after step 2
- Secure prevention of the whip lashing effect at an optimum user friendliness

Materials

- Body, valve body, valve: Brass MS 58 nickel-plated
- O-rings: Buna N (other materials on request)
- Balls: Stainless steel 1.4034
- Sleeve, plug: Hardened steel nickel-plated
- Springs: Stainless steel 1.4310

Max. Working Press.	Temperature	DN	Thread	Flow Capacity	Operation	Type of valve	Media	Area	
PN 12 bar	-20°C – +100°C	7.8	ISO 228/DIN 2999	1700 l/min	One-hand	Single Shut-off	Compressed air	Europe	Coupl. 5 / Plug 10

Safety Couplings with tapered male thread (thread coated)

Thread connection	L	SW	D	L1	Weight	Type No.
R 1/4 m	61	19	28	11	138	ESIS 14 A
R 3/8 m	62	19	28	12	147	ESIS 38 A
R 1/2 m	64	22	28	15	144	ESIS 12 A

Safety Couplings with parallel female thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 1/4 f	57	19	28	10	146	ESIS 14 I
G 3/8 f	57	19	28	10	144	ESIS 38 I
G 1/2 f	59	24	28	12	160	ESIS 12 I

Safety Couplings with hose barb

Hose connection	L	SW	D	L1	Weight	Type No.
Hose i.D. 6	74	19	28	25	136	ESIS 6 T
Hose i.D. 8	74	19	28	25	136	ESIS 8 T
Hose i.D. 9	74	19	28	25	138	ESIS 9 T
Hose i.D. 10	74	19	28	25	138	ESIS 10 T
Hose i.D. 13	74	19	28	25	141	ESIS 13 T

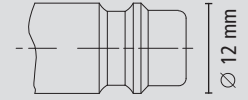
For hose clips type ZOS (☺ page 414), type HS (☺ page 415) or crimping ferrules type LPH (☺ page 418)



Safety Self-Venting Couplings

single shut-off **Series ESIS**

DN7.8



Plug Profile (original size)

Plugs with tapered male thread (thread coated)

Thread connection	L	SW	L1	L2	Weight	Type No.
R 1/8 m	33	13	9	20	14	ESI 18 NARS
R 1/4 m	35	14	11	20	18	ESI 14 NARS
R 3/8 m	36	17	12	20	23	ESI 38 NARS
R 1/2 m	40	22	15	20	47	ESI 12 NARS

Plugs with parallel female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1/8 f	32	13	9	20	16	ESI 18 NIS
G 1/4 f	33	17	10	20	24	ESI 14 NIS
G 3/8 f	33	19	10	20	25	ESI 38 NIS
G 1/2 f	35	24	12	20	40	ESI 12 NIS

Plugs with hose barb

Hose connection	L	D	L1	L2	Weight	Type No.
Hose i.D. 6	44	12	24	20	13	ESI 6 SS
Hose i.D. 8	44	12	24	20	18	ESI 8 SS
Hose i.D. 9	44	12	24	20	16	ESI 9 SS
Hose i.D. 10	44	12	24	20	18	ESI 10 SS
Hose i.D. 13	44	15	23	20	26	ESI 13 SS

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

