Industrial Quick Connect Couplings

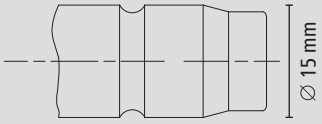
single shut-off, System "Atlas Copco" Series ESACG

DN 10

- High-quality, extreme robust one-hand quick connect couplings with superior seal characteristics
- Extremely high flow rate at a low pressure drop due to streamlined valve and optimized passage
- For the supply of compressed air in industry and craftmanship

Materials

- Body: Brass MS 58 nickel-plated
- Valve body: Steel zinc-plated
- Valve, guiding sleeve: Brass MS 58 plain
- Sleeve, plug: Steel hardened and nickel-plated
- O-rings: Buna N (other materials on request)
- Springs: Stainless steel 1.4310
- Balls: Stainless steel 1.4034

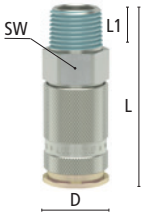


Plug Profile (original size)

Max. Work. Pressure	Temperature	DN	Thread	Flow Capacity	Operation	Type of valve	Media	Area	
PN 35 bar	-20°C – +100°C	10	ISO 228 / DIN 2999	2600 l/min	One-Hand	Single Shut-Off	Compr. Air	World-wide	Coupl. 5 / Plug 10

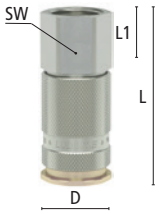
Couplings with tapered male thread (thread coated)

Thread connection	L	SW	D	L1	Weight	Type No.
R 3/8 m	71	24	27	12.5	162	ESACG 38 A
R 1/2 m	73	24	27	17	165	ESACG 12 A
R 3/4 m	73	27	27	17	194	ESACG 34 A



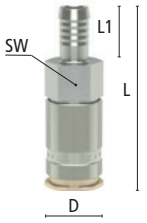
Couplings with female thread

Thread connection	L	SW	D	L1	Weight	Type No.
G 3/8 f	65	24	27	11	164	ESACG 38 I
G 1/2 f	65	24	27	12	154	ESACG 12 I
G 3/4 f	69	32	27	16	219	ESACG 34 I



Couplings with hose barb

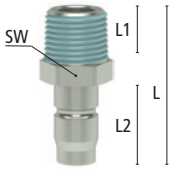
Hose connection	SW	L	D	L1	Weight	Type No.
Hose i.D. 8	85	24	27	25	158	ESACG 8 T
Hose i.D. 10	85	24	27	25	160	ESACG 10 T
Hose i.D. 13	85	24	27	25	165	ESACG 13 T
Hose i.D. 19	85	24	27	25	173	ESACG 19 T



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

Plugs with tapered male thread (thread coated)

Thread connection	L	SW	L1	L2	Weight	Type No.
R 3/8 m	46	19	12	28	41	ESACG 38 NAS
R 1/2 m	52	22	17	28	64	ESACG 12 NAS
R 3/4 m	54	27	19	28	85	ESACG 34 NAS



Plugs with female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 3/8 f	40	19	9	28	32	ESACG 38 NIS
G 1/2 f	44	24	12	28	51	ESACG 12 NIS
G 3/4 f	49	32	16	28	100	ESACG 34 NIS



Plugs with hose barb

Hose connection	L	D	L1	L2	Weight	Type No.
Hose i.D. 8	55	15	24	28	28	ESACG 8 SS
Hose i.D. 10	55	15	25	28	26	ESACG 10 SS
Hose i.D. 13	55	15	25	28	30	ESACG 13 SS
Hose i.D. 16	55	18	25	28	35	ESACG 16 SS



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