

Brass with a bare metal surface

One-hand quick disconnect couplings, one side sealing, compact with a large bore and only a small pressure drop.

Ideal for:

Pneumatic applications, medical equipment, instrumentation and control, laboratory equipment, chemical applications, analysis and metering techniques.

Operating pressure	0 to 35 bar, maximum static working pressure (non-pulsating)
Medium and ambient temperature	-20 °C to +100 °C
Housing, sleeve and body	Brass
Spring, retaining ring, balls	Stainless steel
Sealant	NBR
Flow rate (air)	560 l/min



243.18



243.21



243.26

Quick disconnect couplings DN 5, brass with a bare metal surface, male

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm
243.18	107125	G 1/8 male	14	37.0	16.0	7.0
243.19	107126	G 1/4 male	17	38.0	16.0	9.0
243.19/S	107127	G 3/8 male	19	38.0	16.0	9.0

Quick disconnect couplings DN 5, brass with a bare metal surface, female

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm
243.20	107128	G 1/8 female	14	38.0	16.0	9.0
243.21	107129	G 1/4 female	17	38.0	16.0	9.0
243.21/S	107130	G 3/8 female	19	40.0	16.0	10.5

Quick disconnect couplings DN 5, brass with a bare metal surface, with hose stem

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm
243.25	107131	Stem, I.D. 4	-	47.0	16.0	17.0
243.42	107132	Stem, I.D. 5	-	46.0	16.0	17.0
243.26	107133	Stem, I.D. 6	-	46.0	16.0	17.0
243.43	107134	Stem, I.D. 8	-	46.0	16.0	17.0
243.26/S	107135	Stem, I.D. 9	-	46.0	16.0	17.0

Quick disconnect couplings DN 5, brass with a bare metal surface, with hose connector

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm
243.27	107136	Hose connection 6x4	14	43.0	16.0	-
243.28	107137	Hose connection 8x6	14	43.0	16.0	-

Quick disconnect couplings DN 5, brass with a bare metal surface, with bulkhead fitting and hose stem

Art. No.	Ident No.	Bulkhead fitting	Connection	a/f mm	L mm	D mm	L1 mm
243.31	107138	M10x1	Stem, I.D. 4	14	60.0	16.0	17.0
243.32	107139	M12x1	Stem, I.D. 6	17	60.0	16.0	17.0
243.34	107140	M12x1	Stem, I.D. 9	17	60.0	16.0	17.0

Quick disconnect couplings DN 5, brass with a bare metal surface, with swivel nut and kink protector spring

Art. No.	Ident No.	Version	Connection	a/f mm	L mm	D mm	L1 mm
243.35	107141	Rigid	Hose connection 6x4	14	120.0	16.0	-
243.36	107142	Rigid	Hose connection 8x6	14	132.0	16.0	-
243.37	107143	Swivelling 360°	Hose connection 6x4	14	134.0	16.0	-
243.38	107144	Swivelling 360°	Hose connection 8x6	14	145.0	16.0	-



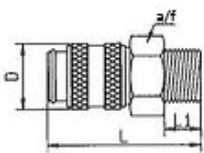
243.27



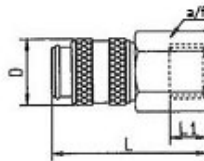
243.32



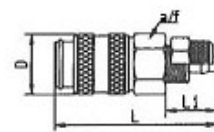
243.36



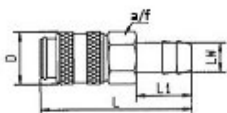
Male



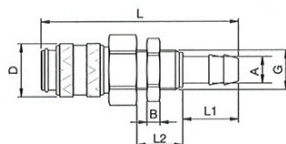
Female



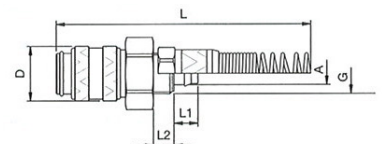
Hose connector



Coupling with stem



Coupling with bulkhead fitting and hose stem



Coupling with swivel nut and kink protector spring



243.16



243.29



243.39



243.032



243.034

Stems DN 5, brass with a bare metal surface

Art. No.	Ident No.	Designation	a/f mm	L mm	D mm	L1 mm
243.16	107145	Stem, I.D. 4	-	27.3	8.9	13.0
243.17	107146	Stem, I.D. 6	-	32.0	8.9	17.7
243.17/S	107147	Stem, I.D. 9	-	33.6	8.9	17.7

Plug DN 5, brass with a bare metal surface, for hose

Art. No.	Ident No.	Designation	a/f mm	L mm	D mm	L1 mm
243.29	107154	Plug for hose 6x4	12	31.5	9.0	7.2
243.30	107155	Plug for hose 8x6	14	31.5	9.0	7.0

Plug DN 5, brass with a bare metal surface, for hose with swivel nut and kink protector spring

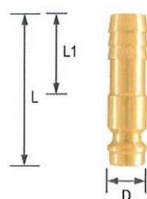
Art. No.	Ident No.	Designation	a/f mm	L mm	D mm	L1 mm
243.39	107156	Plug for hose 6x4	12	110.0	-	-
243.39/1	107157	Plug for hose 8x6	14	120.0	-	-

Plug DN 5, brass with a bare metal surface, male

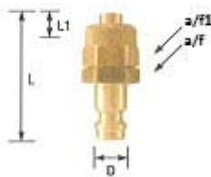
Art. No.	Ident No.	Designation	a/f mm	L mm	D mm	L1 mm
243.031	107148	Plug, G 1/8 male	14	25.0	8.9	7.0
243.032	107149	Plug, G 1/4 male	17	26.2	8.9	8.0
243.032/S	107150	Plug, G 3/8 male	19	26.7	8.9	8.5

Plug DN 5, brass with a bare metal surface, female

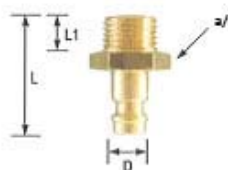
Art. No.	Ident No.	Designation	a/f mm	L mm	D mm	L1 mm
243.033	107151	Plug, G 1/8 female	14	25.0	8.9	9.0
243.034	107152	Plug, G 1/4 female	17	26.0	8.9	10.0
243.034/S	107153	Plug, G 3/8 female	19	26.0	8.9	10.0



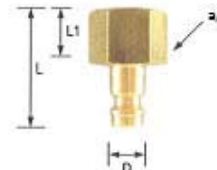
Stem



Plug for hose

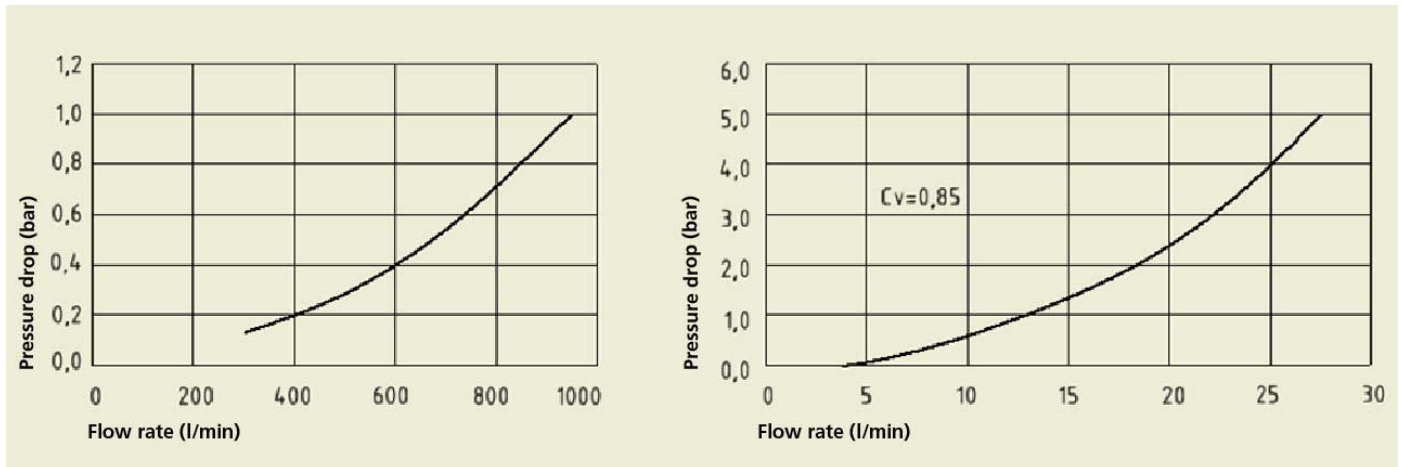


Plug, male



Plug, female

Flow charts



Vibrating tool

With vibrating tool, the ISO 6150 (Pneumatic fluid power - Cylindrical quick-action couplings) recommends under § 7.1, that between this and a quick-connect coupling a min. 300 mm longer, more flexible hose should be installed. The oscillating forces are caught up by the hose piece and increase the service life of a quick-connect coupling. No warranty can be made for couplings mounted directly on vibrating tools.