

## Nickel-plated brass

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

Ideal for:

Medical equipment, dental equipment, instrumentation and control, laboratory equipment, chemical applications, analysis techniques, miniature pneumatics, mechanical engineering.

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:

Nickel-plated brass

Spring, retaining ring, balls:

Stainless steel

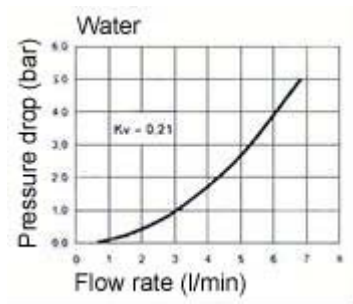
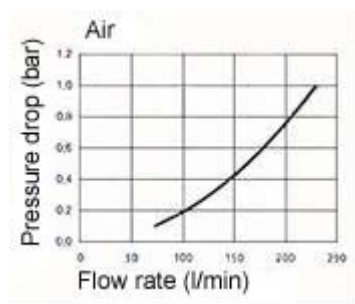
Sealant:

NBR

Flow rate (air):

165 l/min

Flow values:



243.08/2-N



243.08/4-N



243.08/6-N



243.08/8-N



243.08/10-N

### Quick disconnect couplings DN 2.7, nickel-plated brass, male

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.08/1-N	107087	M5 male	9	26.0	10.0	5.0	-	-
243.08/2-N	107088	G 1/8 male	11	28.0	10.0	7.0	-	-

### Quick disconnect couplings DN 2.7, nickel-plated brass, female

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.08/3-N	107089	M5 female	9	25.0	10.0	5.0	-	-
243.08/4-N	107090	G 1/8 female	12	28.0	10.0	7.0	-	-

### Quick disconnect couplings DN 2.7, nickel-plated brass, with hose stem

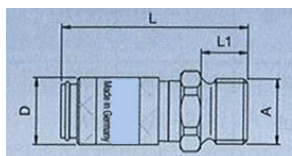
Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.08/5-N	107091	Stem, I.D. 3	-	35.0	10.0	13.0	-	-
243.08/6-N	107092	Stem, I.D. 4	-	35.0	10.0	13.0	-	-

**Quick disconnect couplings DN 2.7, nickel-plated brass, with hose connector**

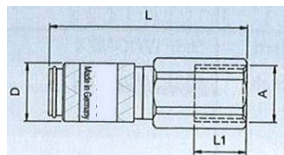
Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.08/7-N	107093	Hose connection 4x3	-	34.0	10.0	7.0	5.0	M7x0.5
243.08/8-N	107094	Hose connection 5x3	-	34.0	10.0	7.0	5.0	M7x0.5
243.08/9-N	107095	Hose connection 6x4	-	34.0	10.0	7.0	5.0	M8x0.5

**Quick disconnect coupling DN 2.7, nickel-plated brass, with push-in fitting**

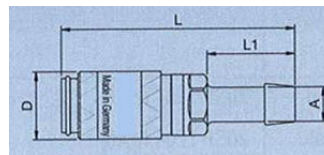
Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.08/10-N	107096	4 mm	10	35.0	10.0	-	-	-



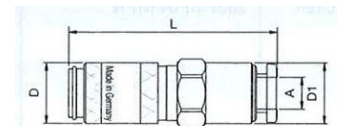
Male



Female



Hose connection



push-in



243.09/2-N



243.09/5-N



243.09/6-N



243.09/8-N



243.09/10-N

**Plugs DN 2.7, nickel-plated brass, female**

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.09/1-N	107097	Stem, I.D. 3	-	24.0	7.0	13.0	-	-
243.09/2-N	107098	Stem, I.D. 4	-	24.0	7.0	13.0	-	-

**Plugs DN 2.7, nickel-plated brass, for hose**

Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.09/3-N	107099	Plug for hose 4x3	7	25.0	-	7.0	5.0	M7x0.5
243.09/4-N	107100	Plug for hose 5x3	7	25.0	-	7.0	5.0	M7x0.5
243.09/5-N	107101	Plug for hose 6x4	8	25.0	-	7.0	5.0	M8x0.5

**Plugs DN 2.7, nickel-plated brass, male**

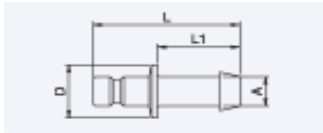
Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.09/6-N	107102	Plug, M5 male	7	18.0	-	5.0	-	-
243.09/7-N	107103	Plug, G 1/8 male	11	20.0	-	7.0	-	-

**Plugs DN 2.7, nickel-plated brass, female**

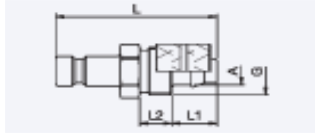
Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.09/8-N	107104	Plug, M5 female	7	17.0	-	5.0	-	-
243.09/9-N	107105	Plug, G 1/8 female	12	19.0	-	7.0	-	-

Push-in plug DN 2.7, nickel-plated brass

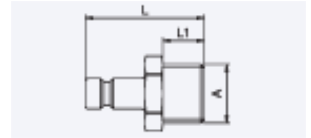
Art. No.	Ident No.	Connection	a/f mm	L mm	D mm	L1 mm	L2 mm	G mm
243.09/10-N	107106	4 mm	10	25.0	10.0	-	-	-



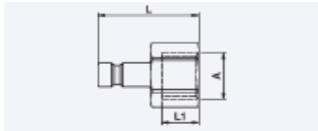
Stem



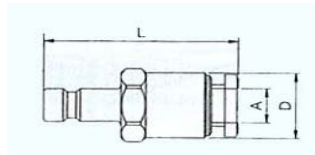
Plug for hose



Male



Female



push-in

## 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.