

»R26MS« series

Universal, one-hand quick disconnect couplings, one side sealing, suitable for a wide range of tasks and applications!

The closed sleeve protects the coupling from dirt.

To prevent injuries or a "whiplash" effect, we recommend that the plug-in nipple is held with one hand during uncoupling.



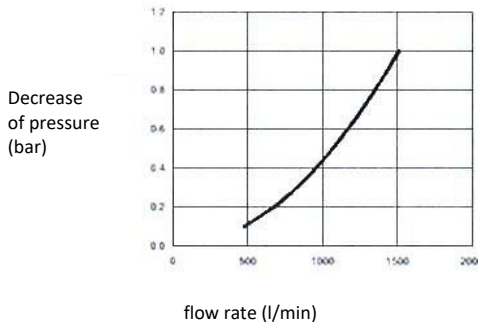
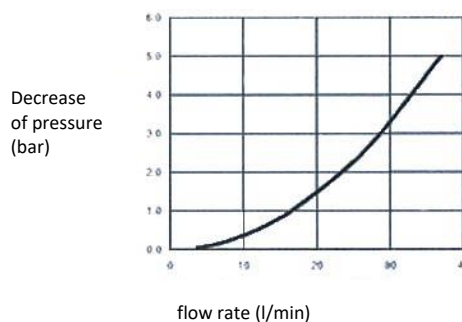
These quick disconnect couplings are not suitable for direct attachment to pulsating tools. We recommend using our vibration dampers, according to ISO 6150 § 7.1.

Areas of application: Pneumatic system, machine and plant engineering, measurement, monitoring and control systems, manufacturing industry, medical technology, chemical / pharmaceutical industry, workshops, automotive.

Operating pressure	0 - 35 bar, maximum static working pressure (non-pulsating)
Medium and ambient temperature	-20 °C to 100 °C
Housing, sleeve and valve body:	Brass with a bare metal surface
Springs, retaining ring and locking pins:	Stainless steel
Sealant	NBR



243.01

Flow rates
Air

Water


243.11

Quick disconnect coupling DN 7.2, brass with a bare metal surface, male

Type No.	Art. No.	Connection	a/f mm	L mm	D mm	L1 mm
243.00	107207	G 1/8 male	22	38.0	25.0	7.0
243.01	107208	G 1/4 male	22	40.0	25.0	9.0
243.02	107209	G 3/8 male	22	41.0	25.0	10.0
243.03	107210	G 1/2 male	24	41.0	25.0	10.0

Quick disconnect coupling DN 7.2, brass with a bare metal surface, female

Type No.	Art. No.	Connection	a/f mm	L mm	D mm	L1 mm
243.11	107211	G 1/4 female	22	41.0	25.0	9.0
243.22	107212	G 3/8 female	22	41.0	25.0	10.5
243.33	107213	G 1/2 female	24	42.5	25.0	12.0



243.44



243.311



243.320

Quick disconnect coupling DN 7.2, brass with a bare metal surface, with hose stem

Type No.	Art. No.	Connection	a/f mm	L mm	D mm	L1 mm
243.44	107214	Stem I.D. 6	21	58.0	25.0	25.0
243.47	107215	Stem I.D. 8	21	58.0	25.0	25.0
243.45	107216	Stem I.D. 9	21	63.0	25.0	30.0
243.49	107217	Stem I.D. 10	21	63.0	25.0	30.0
243.46	107218	Stem I.D. 13	21	63.0	25.0	30.0

Quick disconnect coupling DN 7.2, brass with a bare metal surface with hose connector, with swivel nut

Type No.	Art. No.	Connection	a/f mm	L mm	D mm	L1 mm
243.310	107219	Hose connection 6x4	22	44.0	25.0	7.0
243.311	107220	Hose connection 8x6	22	45.0	25.0	7.0
243.312	107221	Hose connection 10x8	22	48.0	25.0	8.5
243.313	107222	Hose connection 12x9	22	48.0	25.0	8.5

Quick disconnect coupling DN 7.2, brass with a bare metal surface, with hose connector, with swivel nut and kink protector spring

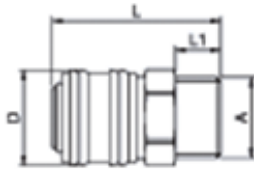
Type No.	Art. No.	Version	Connection	L mm	a/f mm	D mm
243.320	107223	rigid	Hose connection 8x6	132.0	22	25.0
243.321	107224	rigid	Hose connection 10x8	126.0	22	25.0
243.322	107225	rigid	Hose connection 12x9	126.0	22	25.0
243.323	107226	Swivelling 360°	Hose connection 8x6	132.0	22	25.0
243.324	107227	Swivelling 360°	Hose connection 10x8	143.0	22	25.0
243.325	107228	Swivelling 360°	Hose connection 12x9	150.0	22	25.0



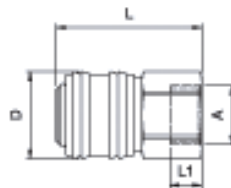
243.340

Quick disconnect coupling DN 7.2, brass with a bare metal surface with bulkhead fitting and hose stem

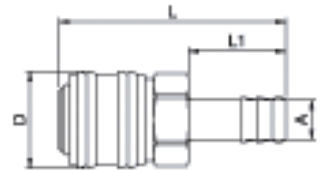
Type No.	Art. No.	Bulkhead fitting	Connection	L mm	a/f mm	D mm	L1 mm	L2 mm	a/f1 mm	B mm
243.340	107229	M12x1	Stem I.D. 6	62.0	22	25.0	17.0	10.0	17	4.0
243.341	107230	M12x1	Stem I.D. 8	62.0	22	25.0	17.0	14.0	17	4.0
243.342	107231	G 1/4	Stem I.D. 10	70.0	22	25.0	25.0	14.0	19	4.0



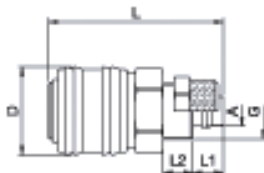
Male



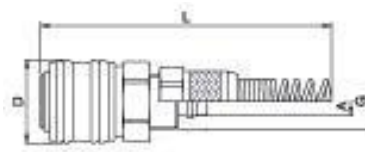
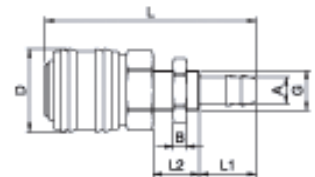
Female



Hose stem



Hose connector, swivel nut


 Hose connector with swivel nut,
kink protector spring


Bulkhead fitting and hose stem



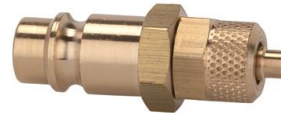
243.351



243.50



243.55



243.216

Stem for couplings DN 7.2 - DN 7.8, brass with a bare metal surface

Type No.	Art. No.	Description	a/f mm	L mm	D mm	L1 mm
243.06	107232	Stem I.D. 6	-	44.0	12.0	24.0
243.351	107233	Stem I.D. 8	-	45.0	12.0	25.0
243.07	107234	Stem I.D. 9	-	44.0	12.0	24.0
243.352	107235	Stem I.D. 10	-	45.0	12.0	25.0
243.10	107236	Stem I.D. 13	-	46.0	11.9	24.0

Plug for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, male

Type No.	Art. No.	Description	a/f mm	L mm	D mm	L1 mm
243.48	107237	Plug, G 1/8 male	14	31.0	-	7.0
243.50	107238	Plug, G 1/4 male	17	32.0	-	8.0
243.50-R	117890	Plug, R 1/4 male	17	32.0	-	8.0
243.51	107239	Plug, G 3/8 male	19	33.0	-	8.5
243.52	107240	Plug, G 1/2 male	24	35.0	-	10.0
243.51-EB	125655	Plug, G 3/8 male Thread coating	19	33,0	-	-

Plug for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, female

Type No.	Art. No.	Description	a/f mm	L mm	D mm	L1 mm
243.54	107241	Plug, G 1/8 female	14	31.0	-	9.0
243.55	107242	Plug, G 1/4 female	17	32.0	-	10.0
243.56	107243	Plug, G 3/8 female	19	32.0	-	10.0
243.57	107244	Plug, G 1/2 female	24	34.0	-	12.0

Plug for couplings DN 7.2 - DN 7.8, brass with a bare metal surface for hose

Type No.	Art. No.	Description	a/f mm	a/f 1 mm	L mm	D mm	L1 mm	L2 mm
243.216	107245	Plug for hose 6x4	12	14	41.0	12.0	7.0	5.5
243.217	107246	Plug for hose 8x6	14	14	43.0	12.0	7.0	5.5
243.218	107247	Plug for hose 10x8	16	17	38.0	12.0	7.0	6.0
243.219	107248	Plug for hose 12x9	17	17	42.0	12.0	8.5	6.9



243.355



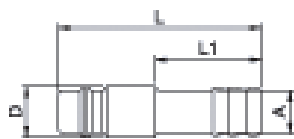
243.760

Plug for couplings DN 7.2 - DN 7.8, brass with a bare metal surface, for hose with swivel nut and kink protector spring

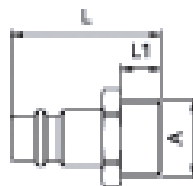
Type No.	Art. No.	Description	a/f mm	L mm	D mm	L1 mm	L2 mm
243.355	107249	for hose 6x4 with swivel nut and kink protector spring	-	112.0	12.0	7.0	6.0
243.356	107250	for hose 8x6 with swivel nut and kink protector spring	-	120.0	12.0	7.0	6.0
243.357	107251	for hose 10x8 with swivel nut and kink protector spring	17	145.0	-	9.0	8.0
243.358	107252	for hose 12x9 with swivel nut and kink protector spring	17	120.0	-	9.0	8.0

Push-in elbow for couplings DN 7.2 - DN 7.8, brass with a bare metal surface (Art. No. 243.761 nickel-plated brass)

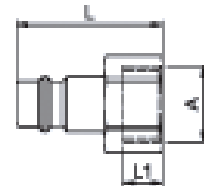
Type No.	Art. No.	Description	Width mm	Height mm
243.760	107253	Push-in elbow for hose 6x4	45.0	26.0
243.761	107254	Push-in elbow for hose 8x6	48.0	27.0
243.762	107255	Push-in elbow for hose 10x8	36.0	33.0



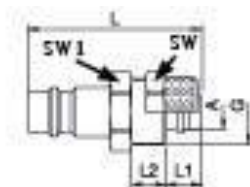
Stem



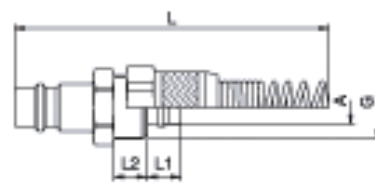
Plug male



Plug female



Plug for hose


 Plug for hose with
swivel nut and kink protector spring

Installation location

The installation location of the quick-connect coupling must be selected so that the health of the person operating it cannot be harmed by sources of danger in the immediate surroundings, e.g. from slipping, jamming, contaminating or burning.

Low pressure applications

Threads for low-pressure applications are, if series-related no corresponding coatings or sealing rings are present, to be provided with suitable sealing materials, such as a PTFE belt or liquid sealing agent. Here the resistance to the flowing medium must be paid attention to.

Service manual

Quick-connect couplings are predominantly maintenance-free, if used in standard applications and handled carefully. The selection of the quick-connect coupling must be compatible with the intended purpose of use and material. Depending on the operating conditions it is recommended to provide the following points during maintenance:

External visual inspection with dirt in the functioning area of coupling and plug (seal area, control elements) these must be cleaned. The following distinguishing symptoms require replacement of the corresponding parts: Torn, damaged, heavily damaged or corroded parts, leaks on coupling and / or plug parts.

Function test under maximum Max. operating pressure can be used to test the quick-connect coupling for possible malfunctions and leaks. During the testing and operating phase it must be ensured that the operating personnel work protected.

Replacement intervals for quick-connect couplings must, if available, be adapted to the state or technical standards. However, also operating experiential values, which result from the required operational safety and the conditions of use, such as downtimes, coupling frequency, Max. operating pressure and properties of the medium, are critical for establishing the replacement intervals.

Pulsating tool

When using pulsating tools it is recommended to observe the standard ISO 6150, § 7.1. It recommends installing a minimum 300 mm long, flexible hose between the pulsating tool and the quick-connect coupling. The oscillating forces are taken by the hose piece and thus increase the service life of the quick-connect coupling. No warranty can be made for couplings mounted directly on pulsating tools.

Flow direction

The recommended flow direction is from the coupling to the plug if nothing else is specified in the technical data sheet.



Application with hoses

When using hoses the permissible Max. operating pressure and the working temperature must absolutely be observed and suitable hose connections must be seen to.