

»R244AL« series, swivel type

High-quality, robust and durable, one-hand quick disconnect safety couplings. When it is pressed for the first time, air is relieved from the coupling but the plug in the coupling remains locked. The plug is only disconnected when the pushbutton is pressed for the second time. The dreaded "whiplash effect" is avoided and the risk of injury to the operator virtually eliminated.



The safety version conforms to ISO-Standard DIN EN ISO 4414.

These safety 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, manufacturing industry, workshops, automotive.



Operating pressure:	Max. 12 bar
Medium and ambient temperature:	-20 °C to 70 °C
Flow rate (air):	1.600 l/min (at 6 bar and $\Delta p = 1$ bar)
Housing:	Anodised aluminium
Pushbutton and valve:	Hardened, galvanised steel
Valve trim:	Stainless steel 1.4404
Port:	Nickel-plated brass
Sealant:	NBR



244.11-D



244.21-D



244.32-D

Pushbutton safety coupling DN 7.4, male, swivel type

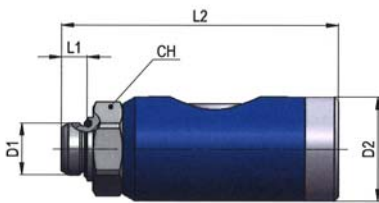
Art. No.	Ident No.	Connection	a/f mm	L1 mm	L2 mm	D2 mm	Weight g
244.11-D	107565	G 1/4 male	21	6.5	70.0	26.0	144.0
244.12-D	107566	G 3/8 male	21	7.0	70.0	26.0	143.0
244.13-D	107567	G 1/2 male	25	8.5	72.5	26.0	146.0

Pushbutton safety coupling DN 7.4, female, swivel type

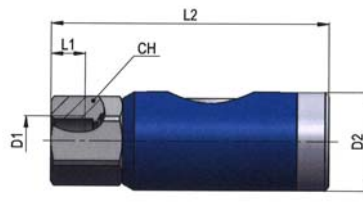
Art. No.	Ident No.	Connection	a/f mm	L1 mm	L2 mm	D2 mm	Weight g
244.21-D	107568	G 1/4 female	21	9.0	73.5	26.0	144.0
244.22-D	107569	G 3/8 female	21	10.0	75.5	26.0	121.0
244.23-D	107570	G 1/2 female	24	11.0	77.5	26.0	150.0

Pushbutton safety coupling DN 7.4, with hose stem, swivel type

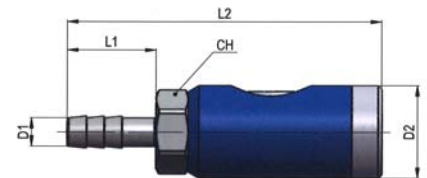
Art. No..	Ident No.	Connection	a/f mm	L1 mm	L2 mm	D2 mm	Weight g
244.31-D	107571	Stem, I.D. 6	21	25.0	88.5	26.0	110.0
244.31-D8	107572	Stem, I.D. 8	21	25.0	88.5	26.0	127.0
244.32-D	107573	Stem, I.D. 9	21	25.0	88.5	26.0	112.0
244.32-D10	107574	Stem, I.D. 10	21	25.0	88.5	26.0	-
244.33-D	107575	Stem, I.D. 13	21	25.0	88.5	26.0	121.0



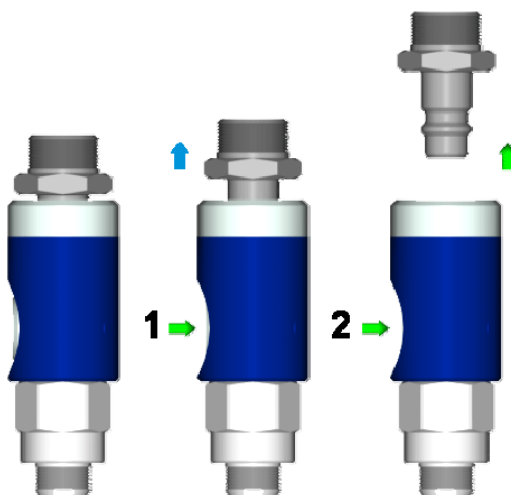
Male



Female



Hose stem



Connection

Insert the plug into the coupler

To release

Step 1: Press the button once to vent the downstream air from the circuit. At this time the plug is still captive in the coupling.

Step 2:

Press the button one more time to release the plug.

Stem for couplings DN 7.2 - DN 7.8, hardened, galvanised steel

Art. No.	Ident No.	Description	a/f mm	L mm	D mm	L1 mm
243.06 ST	107541	Stem, I.D. 6	-	48.0	12.0	25.0
243.06 ST-8	107542	Stem, I.D. 8	-	48.0	12.0	25.0
243.07 ST	107543	Stem, I.D. 9	-	48.0	12.0	25.0
243.07 ST-10	107544	Stem, I.D. 10	-	48.0	12.0	25.0
243.10 ST	107545	Stem, I.D. 13	-	48.0	12.0	25.0

Plug for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, male

Art. No.	Ident No.	Description	a/f mm	L mm	D mm	L1 mm
243.49 ST	107546	Plug, G 1/8 male	13	33.0	-	9.0
243.50 ST	107547	Plug, G 1/4 male	17	32.0	-	9.0
243.51 ST	107548	Plug, G 3/8 male	19	34.0	-	9.0
243.52 ST	107549	Plug, G 1/2 male	24	38.0	-	11.0

Plug for couplings DN 7.2 - DN 7.8, hardened, galvanised steel, female

Art. No.	Ident No.	Description	a/f mm	L mm	D mm	L1 mm
243.54 ST	107550	Plug, G 1/8 female	14	30.0	-	10.0
243.55 ST	107551	Plug, G 1/4 female	17	39.0	-	16.0
243.56 ST	107552	Plug, G 3/8 female	19	40.0	-	16.0
243.57 ST	107553	Plug, G 1/2 female	24	44.0	-	16.0



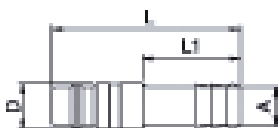
243.06 ST



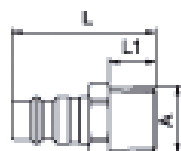
243.50 ST



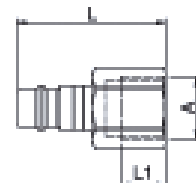
243.55 ST



Stem



Plug male



Plug female