

Snap-Tite quick-release coupling EA series



Description

The EA series is a robust quick-release coupling suitable for both overpressure and vacuums. Suitable for vacuum pumps, steam (conditions in consultation) and hydraulic applications. Design fully according to MIL-C-51234. The special construction of the sealing part means a slight drop of pressure is guaranteed. Pulling the neck back means coupling and uncoupling takes just a few seconds.

Materials

Available in galvanised steel, stainless steel 316, brass and aluminium. With EPDM seals as standard. Other materials are available on request.

Sizes

Standard designs 1/4" to 3/4".

Connections

Available as standard with BSP female thread. Other threads including NPT available on request.

Working pressure

Depending on material and diameter, see the table. The values mentioned apply at a temperature of 20°C with a static load.

Special designs

Sleeve lock design. This design prevents inadvertent disconnection.

Accessories

Dust cap and dust plug in both PVC and aluminium.

Coupling combinations

If both the housing and the male connector are the same diameter the following combinations can be used independent of material or connection:

- Housing with shut-off valve
Male connector with shut-off valve
- Housing with shut-off valve
Male connector without shut-off valve
- Housing without shut-off valve
Male connector without shut-off valve

Snap-Tite quick-release coupling EA series

Snap-Tite EA series with shut-off valve, galvanised steel

ERIKS article no.	FEMALE COUPLING Nom. passage in mm	Connection Female thread	Order Reference	Working pressure in bar at 20°C	Length in mm	External diameter in mm
	6 mm	G 1/4"	VEAC-4-4-RP-EPR	210	42	29
	9 mm	G 3/8"	VEAC-6-6-RP-EPR	210	49	34
	12 mm	G 1/2"	VEAC-8-8-RP-EPR	210	54	37
	19 mm	G 3/4"	VEAC-12-12-RP-EPR	140	63	48

ERIKS article no.	MALE PLUG Nom. passage in mm	Connection Female thread	Order Reference	Working pressure in bar at 20°C	Length in mm	External diameter in mm
	6 mm	G 1/4"	VEAN-4-4-RP-EPR	210	41	23
	9 mm	G 3/8"	VEAN-6-6-RP-EPR	210	48	26
	12 mm	G 1/2"	VEAN-8-8-RP-EPR	210	52	34
	19 mm	G 3/4"	VEAN-12-12-RP-EPR	140	59	43

Snap-Tite EA series with shut-off valve, stainless steel 316

ERIKS article no.	FEMALE COUPLING Nom. passage in mm	Connection Female thread	Order Reference	Working pressure in bar at 20°C	Length in mm	External diameter in mm
	6 mm	G 1/4"	SVEAC-4-4-RP-EPR	210	42	29
	9 mm	G 3/8"	SVEAC-6-6-RP-EPR	210	49	34
10039853	12 mm	G 1/2"	SVEAC-8-8-RP-EPR	210	54	37
	19 mm	G 3/4"	SVEAC-12-12-RP-EPR	140	63	48

ERIKS article no.	MALE PLUG Nom. passage in mm	Connection Female thread	Order Reference	Working pressure in bar at 20°C	Length in mm	External diameter in mm
	6 mm	G 1/4"	SVEAN-4-4-RP-EPR	210	41	23
	9 mm	G 3/8"	SVEAN-6-6-RP-EPR	210	48	26
10039866	12 mm	G 1/2"	SVEAN-8-8-RP-EPR	210	52	34
	19 mm	G 3/4"	SVEAN-12-12-RP-EPR	140	59	43