

Snap-Tite quick-release coupling H-series

Description

The H series is a robust quick-release coupling suitable for hydraulic and pneumatic applications, gases and chemicals. 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. Uncoupling only in pressureless state.

Materials

Available in galvanised steel, stainless steel 316, brass and aluminium. As standard with FPM seals. Other materials including EPDM and NBR available on request.

Sizes

Standard designs 1/4" to 4".

Connections

Available as standard with BSP or NPT female thread. Other threads 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.

Temperature range

40°C to +93°C (with FPM seals)

Special designs

- Sleeve lock design.
This design prevents inadvertent disconnection.
- PH option for coupling under static pressure
- IH option for pulsing load and rotating movements with pneumatic tools.

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:



Female coupling with shut-off valve
Male plug with shut-off valve



Female coupling with shut-off valve
Male plug without shut-off valve



Female coupling without shut-off valve
Male plug without shut-off valve

Snap-Tite quick-release coupling H-series

Snap-Tite H-series with shut-off valve, material 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
10039722	6 mm	G 1/4"	VHC-4-4-RP-V	450	42	26
10039734	9 mm	G 3/8"	VHC-6-6-RP-V	310	49	31
10039713	12 mm	G 1/2"	VHC-8-8-RP-V	280	54	36
10039827	19 mm	G 3/4"	VHC-12-12-RP-V	245	62	42
10039709	25 mm	G 1"	VHC-16-16-RP-V	140	68	51
10039852	32 mm	G 1 1/4"	VHC-20-20-RP-V	125	90	58
10039851	38 mm	G 1 1/2"	VHC-24-24-RP-V	105	84	70
10039728	50 mm	G 2"	VHC-32-32-RP-V	105	100	89
10039745	6 mm	1/4" NPT	VHC-4-4-F-V	450	42	26
10039685	9 mm	3/8" NPT	VHC-6-6-F-V	310	49	31
10039682	12 mm	1/2" NPT	VHC-8-8-F-V	280	54	36
10039800	19 mm	3/4" NPT	VHC-12-12-F-V	245	62	42
10039680	25 mm	1" NPT	VHC-16-16-F-V	140	68	51
10039848	32 mm	1 1/4" NPT	VHC-20-20-F-V	125	90	58
10039847	38 mm	1 1/2" NPT	VHC-24-24-F-V	105	84	70
10039683	50 mm	2" NPT	VHC-32-32-F-V	105	100	89
10039779	6 mm	G 1/4"	VHN-4-4-RP-V	450	41	25
10039792	9 mm	G 3/8"	VHN-6-6-RP-V	310	47	29
10039775	12 mm	G 1/2"	VHN-8-8-RP-V	280	51	34
10039845	19 mm	G 3/4"	VHN-12-12-RP-V	245	59	42
10039769	25 mm	G 1"	VHN-16-16-RP-V	140	65	52
10039865	32 mm	G 1 1/4"	VHN-20-20-RP-V	125	87	58
10039863	38 mm	G 1 1/2"	VHN-24-24-RP-V	105	80	72
10039729	50 mm	G 2"	VHN-32-32-RP-V	105	95	100
10039746	6 mm	1/4" NPT	VHN-4-4-F-V	450	41	25
10039751	9 mm	3/8" NPT	VHN-6-6-F-V	310	47	29
10039743	12 mm	1/2" NPT	VHN-8-8-F-V	280	51	34
10039833	19 mm	3/4" NPT	VHN-12-12-F-V	245	59	42
10039741	25 mm	1" NPT	VHN-16-16-F-V	140	65	52
10039860	32 mm	1 1/4" NPT	VHN-20-20-F-V	125	87	58
10039858	38 mm	1 1/2" NPT	VHN-24-24-F-V	105	80	72
10039748	50 mm	2" NPT	VHN-32-32-F-V	105	95	100

Snap-Tite quick-release coupling H-series

Snap-Tite H-series with shut-off valve, material 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
10039778	6 mm	G 1/4"	SVHC -4-4-RP-V	345	42	26
10039791	9 mm	G 3/8"	SVHC -6-6-RP-V	280	49	31
10039772	12 mm	G 1/2"	SVHC -8-8-RP-V	260	54	36
10039843	19 mm	G 3/4"	SVHC -12-12-RP-V	140	62	42
10039766	25 mm	G 1"	SVHC -16-16-RP-V	140	68	51
10039864	32 mm	G 1 1/4"	SVHC -20-20-RP-V	105	90	58
10039862	38 mm	G 1 1/2"	SVHC -24-24-RP-V	105	84	70
10039782	50 mm	G 2"	SVHC -32-32-RP-V	35	100	89
10039744	6 mm	1/4" NPT	SVHC -4-4-F-V	345	42	26
10039750	9 mm	3/8" NPT	SVHC -6-6-F-V	280	49	31
10039742	12 mm	1/2" NPT	SVHC -8-8-F-V	260	54	36
10039832	19 mm	3/4" NPT	SVHC -12-12-F-V	140	62	42
10039740	25 mm	1" NPT	SVHC -16-16-F-V	140	68	51
10039859	32 mm	1 1/4" NPT	SVHC -20-20-F-V	105	90	58
10039857	38 mm	1 1/2" NPT	SVHC -24-24-F-V	105	84	70
10039747	50 mm	2" NPT	SVHC -32-32-F-V	35	100	89
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
10039820	6 mm	G 1/4"	SVHN -4-4-RP-V	345	41	25
10039830	9 mm	G 3/8"	SVHN -6-6-RP-V	280	47	29
10039817	12 mm	G 1/2"	SVHN -8-8-RP-V	260	51	34
10039855	19 mm	G 3/4"	SVHN -12-12-RP-V	140	59	42
10039814	25 mm	G 1"	SVHN -16-16-RP-V	140	65	52
10039871	32 mm	G 1 1/4"	SVHN -20-20-RP-V	105	87	58
10039870	38 mm	G 1 1/2"	SVHN -24-24-RP-V	105	80	72
10039822	50 mm	G 2"	SVHN -32-32-RP-V	35	95	100
10039797	6 mm	1/4" NPT	SVHN -4-4-F-V	345	41	25
10039801	9 mm	3/8" NPT	SVHN -6-6-F-V	280	47	29
10039796	12 mm	1/2" NPT	SVHN -8-8-F-V	260	51	34
10039849	19 mm	3/4" NPT	SVHN -12-12-F-V	140	59	42
10039795	25 mm	1" NPT	SVHN -16-16-F-V	140	65	52
10039869	32 mm	1 1/4" NPT	SVHN -20-20-F-V	105	87	58
10039868	38 mm	1 1/2" NPT	SVHN -24-24-F-V	105	80	72
10039798	50 mm	2" NPT	SVHN -32-32-F-V	35	95	100

Snap-Tite quick-release coupling H-series

Snap-Tite H-series with shut-off valve, material brass

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
10039777	6 mm	G 1/4"	BVHC -4-4-RP-V	155	42	26
10039790	9 mm	G 3/8"	BVHC -6-6-RP-V	155	49	31
10039770	12 mm	G 1/2"	BVHC -8-8-RP-V	140	54	36
10039841	19 mm	G 3/4"	BVHC -12-12-RP-V	140	62	42
11078408	25 mm	G 1"	BVHC -16-16-RP-V	125	68	51
	32 mm	G 1 1/4"	BVHC -20-20-RP-V	25	90	58
	38 mm	G 1 1/2"	BVHC -24-24-RP-V	25	84	70
	50 mm	G 2"	BVHC -32-32-RP-V	30	100	89

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
10039819	6 mm	G 1/4"	BVHN -4-4-RP-V	155	41	25
10039829	9 mm	G 3/8"	BVHN -6-6-RP-V	155	47	29
10039816	12 mm	G 1/2"	BVHN -8-8-RP-V	140	51	34
10039854	19 mm	G 3/4"	BVHN -12-12-RP-V	140	59	42
11078433	25 mm	G 1"	BVHN -16-16-RP-V	125	65	52
	32 mm	G 1 1/4"	BVHN -20-20-RP-V	25	87	58
	38 mm	G 1 1/2"	BVHN -24-24-RP-V	25	80	72
	50 mm	G 2"	BVHN -32-32-RP-V	30	95	100

Snap-Tite H-series without shut-off valve, material 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"	PHC -4-4-RP-V	760	35	26
10039736	9 mm	G 3/8"	PHC -6-6-RP-V	760	39	31
10039716	12 mm	G 1/2"	PHC -8-8-RP-V	760	42	36
10039828	19 mm	G 3/4"	PHC -12-12-RP-V	625	49	42
10039708	25 mm	G 1"	PHC -16-16-RP-V	415	53	51
	32 mm	G 1 1/4"	PHC -20-20-RP-V	345	58	58
	38 mm	G 1 1/2"	PHC -24-24-RP-V	345	66	70
	50 mm	G 2"	PHC -32-32-RP-V	280	63	89

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
10039677	6 mm	G 1/4"	PHN -4-4-RP-V	760	34	19
10039678	9 mm	G 3/8"	PHN -6-6-RP-V	760	39	24
10039676	12 mm	G 1/2"	PHN -8-8-RP-V	760	44	30
10039784	19 mm	G 3/4"	PHN -12-12-RP-V	625	49	34
10039672	25 mm	G 1"	PHN -16-16-RP-V	415	54	42
10039837	32 mm	G 1 1/4"	PHN -20-20-RP-V	345	57	51
	38 mm	G 1 1/2"	PHN -24-24-RP-V	345	62	58
	50 mm	G 2"	PHN -32-32-RP-V	280	66	72