

#### 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

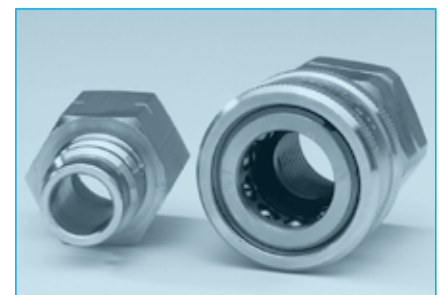
If both the housing and the male connector are the same diameter the following combinations can be used independent of material or connection:



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.	<b>FEMALE COUPLING</b> 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

ERIKS article no.	<b>MALE PLUG</b> Nom. passage in mm	Connection Female thread	Order Reference	Working pressure in bar at 20°C	Length in mm	External diameter in mm
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.	<b>FEMALE COUPLING</b> 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.	<b>MALE PLUG</b> 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