Body Size

1/4" up to 6"

Snap-tite Profile

H-Series



Technical Description
Parker Snap-tite H series is a general purpose hydraulic and pneumatic quick coupling.

Advantages
- Wide range of sizes, materials and end configurations
- Available in single shut-off, double shut-off or straight through versions
- Also available in Aluminium

Applications
- Agriculture
- Gas meters
- Drill clamps
- Chemical plants
- Loading arms
- Production lines

Working Pressure
See charts.

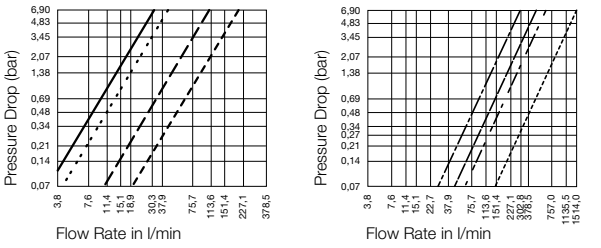
Working Temperature
-35°C up to +120°C (NBR)
-26°C up to +204°C (FKM)
-56°C up to +120°C (EPR)
depending on the medium.

H-Series is also available with FKM or EPR seal.
Add the suffix **V** for FKM and the suffix **E** for EPR to the part number, e.g. **VHC4-4FV.**

Material Coupling	Steel	Stainless Steel	Brass
Coupling Body	Steel	AISI 316	Brass
Sleeve	Steel	AISI 316	Brass
Back-up Ring	PTFE	PTFE	PTFE
Valve	Steel	AISI 316	Brass
Springs	AISI 302 / 17-7	AISI 302 / 17-7	AISI 302 / 17-7
Locking Balls	440 C	AISI 316	440 C
Seals	NBR	NBR	NBR
Valve Holder	Steel	AISI 316	Brass

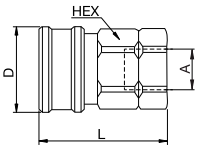
Material Plug	Steel	Stainless Steel	Brass
Plug Body	Steel	AISI 316	Brass
Valve	Steel	AISI 316	Brass
Springs	17-7	17-7	17-7
Seals	NBR	NBR	NBR
Valve Holder	Steel	AISI 316	Brass

Flow Capacity with MIL-H-6083 Hydraulic Fluid at 32°C +/-1,5°C



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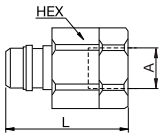
Couplings — H-Series Steel



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPTF	22,35	41,91	25,40	0,10	448	VHC4-4F
1/4"	G 1/4	22,35	43,95	25,40	0,10	448	VHC4-4RP
3/8"	3/8-18 NPTF	25,40	48,26	30,23	0,11	310	VHC6-6F
3/8"	G 3/8	25,40	48,26	30,23	0,11	310	VHC6-6RP
1/2"	1/2-14 NPTF	30,23	53,09	35,31	0,20	276	VHC8-8F
1/2"	G 1/2	30,23	54,61	35,31	0,20	276	VHC8-8RP
3/4"	3/4-14 NPTF	38,10	61,47	41,40	0,34	241	VHC12-12F
3/4"	G 3/4	38,10	62,99	41,40	0,34	241	VHC12-12RP
1"	1-11 1/2 NPTF	47,75	67,82	50,80	0,55	138	VHC16-16F
1"	G 1	47,75	67,82	50,80	0,55	138	VHC16-16RP
1 1/2"	1 1/2-11 1/2 NPT	63,50	83,06	69,85	1,13	103	VHC24-24F
1 1/2"	G 1 1/2	63,50	83,06	69,85	1,13	103	VHC24-24RP
2"	2-11 1/2 NPT	88,90	99,57	88,90	1,91	103	VHC32-32F
2"	G 2	88,90	99,57	88,90	1,91	103	VHC32-32RP

Plugs — H-Series Steel

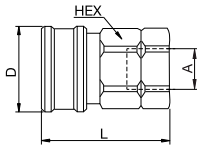


Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPTF	22,35	40,38		0,07	448	VHN4-4F
1/4"	G 1/4	22,35	42,42		0,07	448	VHN4-4RP
3/8"	3/8-18 NPTF	25,40	46,74		0,09	310	VHN6-6F
3/8"	G 3/8	25,40	46,74		0,09	310	VHN6-6RP
1/2"	1/2-14 NPTF	30,23	50,29		0,15	276	VHN8-8F
1/2"	G 1/2	30,23	51,81		0,15	276	VHN8-8RP
3/4"	3/4-14 NPTF	38,10	58,17		0,25	241	VHN12-12F
3/4"	G 3/4	38,10	59,69		0,25	241	VHN12-12RP
1"	1-11 1/2 NPTF	47,75	64,77		0,39	138	VHN16-16F
1"	G 1	47,75	64,77		0,39	138	VHN16-16RP
1 1/2"	1 1/2-11 1/2 NPT	63,50	78,99		0,75	103	VHN24-24F
1 1/2"	G 1 1/2	63,50	78,99		0,75	103	VHN24-24RP
2"	2-11 1/2 NPT	88,90	94,49		1,32	103	VHN32-32F
2"	G 2	88,90	94,49		1,32	103	VHN32-32RP

⚠ Please consider our security advices on the pages 12/13 ⚠

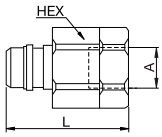
Couplings — H-Series Stainless Steel



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPSF	22,35	41,91	25,40	0,10	345	SVHC4-4F
1/4"	G 1/4	22,35	43,95	25,40	0,10	345	SVHC4-4RP
3/8"	3/8-18 NPSF	25,40	48,26	30,23	0,11	276	SVHC6-6F
3/8"	G 3/8	25,40	48,26	30,23	0,11	276	SVHC6-6RP
1/2"	1/2-14 NPSF	30,23	53,09	35,31	0,20	259	SVHC8-8F
1/2"	G 1/2	30,23	54,61	35,31	0,20	259	SVHC8-8RP
3/4"	3/4-14 NPSF	38,10	61,47	41,40	0,34	138	SVHC12-12F
3/4"	G 3/4	38,10	62,99	41,40	0,34	138	SVHC12-12RP
1"	1-11 1/2 NPSF	47,75	67,82	50,80	0,55	138	SVHC16-16F
1"	G 1	47,75	67,82	50,80	0,55	138	SVHC16-16RP
1 1/2"	1 1/2-11 1/2 NPT	63,50	83,06	69,85	1,13	103	SVHC24-24F
1 1/2"	G 1 1/2	63,50	83,06	69,85	1,13	103	SVHC24-24RP
2"	2-11 1/2 NPT	88,90	99,57	88,90	1,91	34	SVHC32-32F
2"	G 2	88,90	99,57	88,90	1,91	34	SVHC32-32RP

Plugs — H-Series Stainless Steel

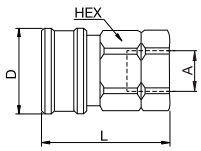


Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPSF	22,35	40,38		0,07	345	SVHN4-4F
1/4"	G 1/4	22,35	42,42		0,07	345	SVHN4-4RP
3/8"	3/8-18 NPSF	25,40	46,74		0,09	276	SVHN6-6F
3/8"	G 3/8	25,40	46,74		0,09	276	SVHN6-6RP
1/2"	1/2-14 NPSF	30,23	50,29		0,15	259	SVHN8-8F
1/2"	G 1/2	30,23	51,81		0,15	259	SVHN8-8RP
3/4"	3/4-14 NPSF	38,10	58,17		0,25	138	SVHN12-12F
3/4"	G 3/4	38,10	59,69		0,25	138	SVHN12-12RP
1"	1-11 1/2 NPSF	47,75	64,77		0,39	138	SVHN16-16F
1"	G 1	47,75	64,77		0,39	138	SVHN16-16RP
1 1/2"	1 1/2-11 1/2 NPT	63,50	78,99		0,75	103	SVHN24-24F
1 1/2"	G 1 1/2	63,50	78,99		0,75	103	SVHN24-24RP
2"	2-11 1/2 NPT	88,90	94,49		1,32	34	SVHN32-32F
2"	G 2	88,90	94,49		1,32	34	SVHN32-32RP

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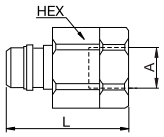
Couplings — H-Series Brass



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPTF	22,35	41,91	25,40	0,11	155	BVHC4-4F
1/4"	G 1/4	22,35	43,95	25,40	0,11	155	BVHC4-4RP
3/8"	3/8-18 NPTF	25,40	48,26	30,23	0,16	155	BVHC6-6F
3/8"	G 3/8	25,40	48,26	30,23	0,16	155	BVHC6-6RP
1/2"	1/2-14 NPTF	30,23	53,09	35,31	0,23	138	BVHC8-8F
1/2"	G 1/2	30,23	54,61	35,31	0,23	138	BVHC8-8RP
3/4"	3/4-14 NPTF	38,10	61,47	41,40	0,38	138	BVHC12-12F
3/4"	G 3/4	38,10	62,99	41,40	0,38	138	BVHC12-12RP
1"	1-11 1/2 NPTF	47,75	67,82	50,80	0,60	121	BVHC16-16F
1"	G 1	47,75	67,82	50,80	0,60	121	BVHC16-16RP
1 1/2"	1 1/2-11 1/2 NPT	63,50	83,06	69,85	0,97	24	BVHC24-24F
1 1/2"	G 1 1/2	63,50	83,06	69,85	0,97	24	BVHC24-24RP
2"	2-11 1/2 NPT	88,90	99,57	88,90	2,82	28	BVHC32-32F
2"	G 2	88,90	99,57	88,90	2,82	28	BVHC32-32RP

Plugs — H-Series Brass



Female Thread

Body Size	Connection A	Hex mm	L mm	D mm	Weight kg	Max. Operating Pressure bar	Part Number
1/4"	1/4-18 NPTF	22,35	40,38		0,08	155	BVHN4-4F
1/4"	G 1/4	22,35	42,42		0,08	155	BVHN4-4RP
3/8"	3/8-18 NPTF	25,40	46,74		0,10	155	BVHN6-6F
3/8"	G 3/8	25,40	46,74		0,10	155	BVHN6-6RP
1/2"	1/2-14 NPTF	30,23	50,29		0,16	138	BVHN8-8F
1/2"	G 1/2	30,23	51,81		0,16	138	BVHN8-8RP
3/4"	3/4-14 NPTF	38,10	58,17		0,27	138	BVHN12-12F
3/4"	G 3/4	38,10	59,69		0,27	138	BVHN12-12RP
1"	1-11 1/2 NPTF	47,75	64,77		0,42	121	BVHN16-16F
1"	G 1	47,75	64,77		0,42	121	BVHN16-16RP
1 1/2"	1-1/2-11 1/2 NPT	63,50	78,99		0,81	24	BVHN24-24F
1 1/2"	G 1-1/2	63,50	78,99		0,81	24	BVHN24-24RP
2"	2-11 1/2 NPT	88,90	94,49		1,42	28	BVHN32-32F
2"	G 2	88,90	94,49		1,42	28	BVHN32-32RP

⚠ Please consider our security advices on the pages 12/13 ⚠

Dust Protection — H-Series

	Body Size	Version	Material	Color	Part Number
	1/4"	for coupling	Plastic	Black	PDP-4
	3/8"	for coupling	Plastic	Black	PDP-6
	1/2"	for coupling	Plastic	Black	PDP-8
	3/4"	for coupling	Plastic	Black	PDP-12
	1"	for coupling	Plastic	Black	PDP-16
	1/4"	for plug	Plastic	Black	PDC-4
	3/8"	for plug	Plastic	Black	PDC-6
	1/2"	for plug	Plastic	Black	PDC-8
	3/4"	for plug	Plastic	Black	PDC-12
	1"	for plug	Plastic	Black	PDC-16
	1/4"	for coupling	Aluminium	Grey	AMPH-4
	3/8"	for coupling	Aluminium	Grey	AMPH-6
	1/2"	for coupling	Aluminium	Grey	AMPH-8
	3/4"	for coupling	Aluminium	Grey	AMPH-12
	1"	for coupling	Aluminium	Grey	AMPH-16
	1 1/2"	for coupling	Aluminium	Grey	AMPH-24
	2"	for coupling	Aluminium	Grey	AMPH-32
	1/4"	for plug	Aluminium	Grey	ADCH-4
	3/8"	for plug	Aluminium	Grey	ADCH-6
	1/2"	for plug	Aluminium	Grey	ADCH-8
	3/4"	for plug	Aluminium	Grey	ADCH-12
	1"	for plug	Aluminium	Grey	ADCH-16
	1 1/2"	for plug	Aluminium	Grey	ADCH-24
	2"	for plug	Aluminium	Grey	ADCH-32

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