

HC Series—End Connections for Soft Tubing and Hose

Features

- HC series end connections allow for easy installation of soft plastic or rubber tubing.
- 316 stainless steel or brass material.
- Size range of 1/8 to 1 in.
- Reusable for other assemblies.
- May be used without a hose clamp or sleeve in low-pressure applications.
- Use of a hose clamp or sleeve may be required in higher-pressure applications.

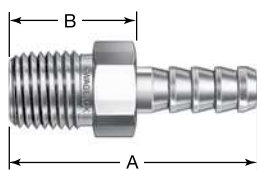
Ordering Information

Add **SS** for 316 stainless steel or **B** for brass to the basic ordering number.

Example: **SS-2-HC-1-2**

For end connection barb dimensions, see page 84. To determine the cut length of bulk hose for field assembly, subtract dimension *B* for each end connection from the desired overall length.

Male Pipe Threads, NPT and ISO/BSP Tapered (ISO 7)



NPT and ISO/BSP Tapered Size in.	Nominal Tubing ID in.	Basic Ordering Number	Dimensions, in. (mm)			
			A	B	Minimum Inside Diameter	Maximum Outside Dimension
NPT						
1/8	1/8	-2-HC-1-2	1.08 (27.4)	0.68 (17.3)	0.13 (3.3)	0.51 (12.9)
	3/16	-3-HC-1-2	1.27 (32.2)		0.13 (3.3)	
	1/4	-4-HC-1-2	1.47 (37.3)		0.19 (4.8)	
	5/16	-5-HC-1-2	1.55 (39.4)		0.19 (4.8)	
1/4	1/8	-2-HC-1-4	1.26 (32.0)	0.86 (21.8)	0.08 (2.0)	0.65 (16.6)
	3/16	-3-HC-1-4	1.45 (36.8)		0.13 (3.3)	
	1/4	-4-HC-1-4	1.65 (41.9)		0.19 (4.8)	
	5/16	-5-HC-1-4	1.73 (43.9)		0.19 (4.8)	
	3/8	-6-HC-1-4	1.73 (43.9)		0.30 (7.6)	
	1/2	-8-HC-1-4	1.80 (45.7)		0.28 (7.1)	
3/8	1/4	-4-HC-1-6	1.66 (42.2)	0.87 (22.1)	0.19 (4.8)	0.80 (20.3)
	5/16	-5-HC-1-6	1.74 (44.2)	0.87 (22.1)	0.19 (4.8)	
	3/8	-6-HC-1-6	1.74 (44.2)	0.87 (22.1)	0.30 (7.6)	
	1/2	-8-HC-1-6	1.81 (46.0)	0.87 (22.1)	0.38 (9.7)	
	5/8	-10-HC-1-6	1.88 (47.8)	0.90 (22.9)	0.38 (9.7)	1.23 (31.2)
1/2	1/4	-4-HC-1-8	1.85 (47.0)	1.06 (26.9)	0.19 (4.8)	1.02 (25.8)
	5/16	-5-HC-1-8	1.96 (49.8)	1.09 (27.7)	0.19 (4.8)	
	3/8	-6-HC-1-8	1.96 (49.8)	1.09 (27.7)	0.30 (7.6)	
	1/2	-8-HC-1-8	2.03 (51.6)	1.09 (27.7)	0.38 (9.7)	
	5/8	-10-HC-1-8	2.07 (52.6)	1.09 (27.7)	0.47 (11.9)	1.23 (31.2)
	3/4	-12-HC-1-8	2.14 (54.4)	1.09 (27.7)	0.47 (11.9)	
3/4	5/8	-10-HC-1-12	2.07 (52.6)	1.09 (27.7)	0.50 (12.7)	1.23 (31.2)
	3/4	-12-HC-1-12	2.14 (54.4)	1.09 (27.7)	0.63 (16.0)	
	1	-16-HC-1-12	2.38 (60.5)	1.19 (30.2)	0.63 (16.0)	
1	3/4	-12-HC-1-16	2.43 (61.7)	1.38 (35.1)	0.63 (16.0)	1.60 (40.5)
	1	-16-HC-1-16	2.57 (65.3)		0.88 (22.4)	
ISO/BSP Tapered						
1/8	1/8	-2-HC-1-2RT	1.28 (32.5)	0.88 (22.4)	0.08 (2.0)	0.51 (12.9)
	1/4	-4-HC-1-2RT	1.47 (37.3)	0.68 (17.3)	0.19 (4.8)	
1/4	1/4	-4-HC-1-4RT	1.65 (41.9)	0.86 (21.8)	0.19 (4.8)	0.65 (16.6)
	3/8	-6-HC-1-4RT	1.73 (43.9)		0.30 (7.6)	
3/8	1/4	-4-HC-1-6RT	1.66 (42.2)	0.87 (22.1)	0.30 (7.6)	0.80 (20.3)
	3/8	-6-HC-1-6RT	1.74 (44.2)		0.30 (7.6)	
1/2	3/8	-6-HC-1-8RT	1.96 (49.8)	1.09 (27.7)	0.30 (7.6)	1.02 (25.8)
	1/2	-8-HC-1-8RT	2.03 (51.6)		0.38 (9.7)	