

STAINLESS STEEL WORM-GEAR HOSE CLAMPS

304 SS Housing & Band | 400 Series SS Zinc Plated Screw

SAE J1508 Type F - 1/2" (12.7mm) Wide Band - 5/16" Hex Head Screw

SAE Size	BBI VH1	Breeze 64000	Ideal-Tridon 67-1*	Heritage HCGP-422*	Vertex
6	VH1006	64006H	6706-1	HCGP-422-006-500	08W30-6
8	VH1008	64008H	6708-1	HCGP-422-008-500	08W30-8
10	VH1010	64010H	6710-1	HCGP-422-010-500	08W30-10
12	VH1012	64012H	6712-1	HCGP-422-012-500	08W30-12
16 (11/16)	VH1016		6716-1		08W30-16
16 (13/16)	VH1017	64016H		HCGP-422-016-500	
20	VH1020	64020H	6720-1	HCGP-422-020-500	08W30-20
24	VH1024	64024H	6724-1	HCGP-422-024-500	08W30-24
28	VH1028	64028H	6728-1	HCGP-422-028-500	08W30-28
32	VH1032	64032H	6732-1	HCGP-422-032-500	08W30-32
36	VH1036	64036H	6736-1	HCGP-422-036-500	08W30-36
40	VH1040	64040H	6740-1	HCGP-422-040-500	08W30-40
44	VH1044	64044H	6744-1	HCGP-422-044-500	08W30-44
48	VH1048	64048H	6748-1	HCGP-422-048-500	08W30-48
52	VH1052	64052H	6752-1	HCGP-422-052-500	08W30-52
56	VH1056	64056H	6756-1	HCGP-422-056-500	08W30-56
60	VH1060	64060H	6760-1	HCGP-422-060-500	08W30-60
64	VH1064	64064H	6764-1	HCGP-422-064-500	08W30-64
72	VH1072	64072H	6772-1	HCGP-422-072-500	08W30-72
80	VH1080	64080H	6780-1	HCGP-422-080-500	08W30-80
88	VH1088	64088H	6788-1	HCGP-422-088-500	08W30-88
96	VH1096	64096H	6796-1	HCGP-422-096-500	08W30-96
104	VH1104	64104H	6799-1	HCGP-422-104-500	08W30-104

*Note: Ideal-Tridon series 67-1 and Heritage series HCGP-422 band and housing are made from 200 series stainless which has less nickel & chromium offering less corrosion resistance

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type F	400 Series Stainless	30-42 in-lb (3.4-4.8 Nm)	60 in-lb (6.8 Nm)	1 Nm = 8.85 in-lbs

Installation Torque also know as application torque is the recommended torque for clamp installation. This is defined by SAE J1508 to be 50% to 70% of the rated Durability Torque for specific clamps.

Durability Torque is the maximum torque value applied to a clamp without evidence of deformation or excessive wear when tightened once over a steel mandrel.

SAE J1508 Type M - Mini Worm-Gear Hose Clamp - 5/16" (8mm) Wide Band - 1/4" Hex Head Screw

SAE Size	BBI VH1	Breeze 3600	Ideal-Tridon	Heritage	Vertex
4M	VH1004	3604	NA	NA	08W30-4M
6M	VH1005	3606	NA	NA	08W30-6M
8M	VH1007	3608	NA	NA	08W30-8M
10M	VH1009	3610	NA	NA	08W30-10M
16M	VH1018	3616	NA	NA	08W30-16M

Note: Ideal-Tridon and Heritage do not offer Mini Clamps with 400 series stainless screws

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type M-Mini	400 Series Stainless	10-14 in-lb (1.1-1.6 Nm)	20 in-lb (2.3 Nm)	1 Nm = 8.85 in-lbs
BBI Type M*	400 Series Stainless	14-19.6 in-lb (1.6-2.2 Nm)	28 in-lb (3.2 Nm)	

Note: BBI Type M-Mini Clamps have ~ 3/8" (.35") (9mm) wide bands vs the competition's 5/16" (8mm) wide band. The wider band allows for higher torque which withstands higher pressure.



STAINLESS STEEL WORM-GEAR HOSE CLAMPS

All 304 SS Housing, Band & Screw

SAE J1508 Type F - 1/2" (12.7mm) Wide Band - 5/16" Hex Head Screw

SAE Size	BBI VH2	Breeze 63000	Ideal-Tridon 620P	Heritage HCGP-333	Vertex
6	VH2006	63006H	67004-0006 620-P06	HCGP-333-006-500	08W40-6
8	VH2008	63008H	67004-0008 620-P08	HCGP-333-008-500	08W40-8
10	VH2010	63010H	67004-0010 620-P10	HCGP-333-010-500	08W40-10
12	VH2012	63012H	67004-0012 620-P12	HCGP-333-012-500	08W40-12
16 (11/16)	VH2016		67004-0016 620-P16		08W40-16
16 (13/16)	VH2017	63016H		HCGP-333-016-500	
20	VH2020	63020H	67004-0020 620-P20	HCGP-333-020-500	08W40-20
24	VH2024	63024H	67004-0024 620-P24	HCGP-333-024-500	08W40-24
28	VH2028	63028H	67004-0028 620-P28	HCGP-333-028-500	08W40-28
32	VH2032	63032H	67004-0032 620-P32	HCGP-333-032-500	08W40-32
36	VH2036	63036H	67004-0036 620-P36	HCGP-333-036-500	08W40-36
40	VH2040	63040H	67004-0040 620-P40	HCGP-333-040-500	08W40-40
44	VH2044	63044H	67004-0044 620-P44	HCGP-333-044-500	08W40-44
48	VH2048	63048H	67004-0048 620-P48	HCGP-333-048-500	08W40-48
52	VH2052	63052H	67004-0052 620-P52	HCGP-333-052-500	08W40-52
56	VH2056	63056H	67004-0056 620-P56	HCGP-333-056-500	08W40-56
60	VH2060	63060H	67004-0060 620-P60	HCGP-333-060-500	08W40-60
64	VH2064	63064H	67004-0064 620-P64	HCGP-333-064-500	08W40-64
72	VH2072	63072H	67004-0072 620-P72	HCGP-333-072-500	08W40-72
80	VH2080	63080H	67004-0080 620-P80	HCGP-333-080-500	08W40-80
88	VH2088	63088H	67004-0088 620-P88	HCGP-333-088-500	08W40-88
96	VH2096	63096H	67004-0096 620-P96	HCGP-333-096-500	08W40-96
104	VH2104	63104H	67004-0104 62P-104	HCGP-333-104-500	08W40-104
128	VH2128		67004-0128	HCGP-333-128-501	08W40-128

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type F	300 Series Stainless	30-42 in-lb (3.4-4.8 Nm)	60 in-lb (6.8 Nm)	1 Nm = 8.85 in-lbs

Installation Torque also known as application torque is the recommended torque for clamp installation. This is defined by SAE J1508 to be 50% to 70% of the rated Durability Torque for specific clamps.

Durability Torque is the maximum torque value applied to a clamp without evidence of deformation or excessive wear when tightened once over a steel mandrel.

SAE J1508 Type M - Mini Worm-Gear Hose Clamp - 5/16" (8mm) Wide Band - 1/4" Hex Head Screw

SAE Size	BBI VH2	Breeze 3700	Ideal-Tridon 62M Tridon 345/MAH	Heritage HCMN-333	Vertex
4M	VH2004	3704	62604 (old PN 62602)	HCMN-333-004-3125	08W40-4M
6M	VH2005	3706	62606 (old PN 62603)	HCMN-333-006-3125	08W40-6M
8M	VH2007	3708	62M08	HCMN-333-008-3125	08W40-8M
10M	VH2009	3710	62M10	HCMN-333-010-3125	08W40-10M

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type M-Mini	300 Series Stainless	7.5-10.5 in-lb (0.9-1.1 Nm)	15 in-lb (1.7 Nm)	1 Nm = 8.85 in-lbs
BBI Type M*	300 Series Stainless	15-21 in-lb (1.7-2.4 Nm)	30 in-lb (3.4 Nm)	

Note: BBI Type M-Mini Clamps have ~ 3/8" (.35") (9mm) wide bands vs the competition's 5/16" (8mm) wide band. The wider band allows for higher torque which withstands higher pressure.



STAINLESS STEEL WORM-GEAR HOSE CLAMPS

All 316 SS Housing, Band & Screw

SAE J1508 Type F - 1/2" (12.7mm) Wide Band - 5/16" Hex Head Screw

SAE Size	BBI VH3	Breeze 66000	Ideal-Tridon 67-6	Heritage HCGP-111	Vertex
6	VH3006	66006H	6706-6	HCGP-111-006-500	08W50-6
8	VH3008	66008H	6708-6	HCGP-111-008-500	08W50-8
10	VH3010	66010H	6710-6	HCGP-111-010-500	08W50-10
12	VH3012	66012H	6712-6	HCGP-111-012-500	08W50-12
16 (11/16)	VH3016		6716-6		08W50-16
16 (13/16)	VH3017	66016H		HCGP-111-016-500	
20	VH3020	66020H	6720-6	HCGP-111-020-500	08W50-20
24	VH3024	66024H	6724-6	HCGP-111-024-500	08W50-24
28	VH3028	66028H	6728-6	HCGP-111-028-500	08W50-28
32	VH3032	66032H	6732-6	HCGP-111-032-500	08W50-32
36	VH3036	66036H	6736-6	HCGP-111-036-500	08W50-36
40	VH3040	66040H	6740-6	HCGP-111-040-500	08W50-40
44	VH3044	66044H	6744-6	HCGP-111-044-500	
48	VH3048	66048H	6748-6	HCGP-111-048-500	08W50-48
52	VH3052	66052H	6752-6	HCGP-111-052-500	
56	VH3056	66056H	6756-6		
60	VH3060	66060H	6760-6	HCGP-111-060-500	
64	VH3064	66064H	6764-6	HCGP-111-064-500	08W50-64
72	VH3072	66072H	6772-6	HCGP-111-072-500	
80	VH3080	66080H-5P	6780-6	HCGP-111-080-500	
88	VH3088	66088H-5P	6788-6	HCGP-111-088-500	
96	VH3096	66096H-5P	6796-6	HCGP-111-096-500	
104	VH3104	66104H-5P	6799-6	HCGP-111-104-500	

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type F	300 Series Stainless	30-42 in-lb (3.4-4.8 Nm)	60 in-lb (6.8 Nm)	1 Nm = 8.85 in-lbs

Installation Torque also known as application torque is the recommended torque for clamp installation. This is defined by SAE J1508 to be 50% to 70% of the rated Durability Torque for specific clamps.

Durability Torque is the maximum torque value applied to a clamp without evidence of deformation or excessive wear when tightened once over a steel mandrel.

SAE J1508 Type M - Mini Worm-Gear Hose Clamp - 5/16" (8mm) Wide Band - 1/4" Hex Head Screw

SAE Size	BBI VH3	Breeze 3800	Ideal-Tridon 359	Heritage HCMN-111	Vertex
4M		3804	359-004	HCMN-111-004-3125	
6M	VH3005	3806	359-006	HCMN-111-006-3125	08W50-6M
8M		3808	359-008	HCMN-111-008-3125	
10M		3810	359-010	HCMN-111-010-3125	

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type M-Mini	300 Series Stainless	7.5-10.5 in-lb (0.9-1.1 Nm)	15 in-lb (1.7 Nm)	1 Nm = 8.85 in-lbs
BBI Type M*	300 Series Stainless	15-21 in-lb (1.7-2.4 Nm)	30 in-lb (3.4 Nm)	

Note: BBI Type M-Mini Clamps have ~ 3/8" (.35") (9mm) wide bands vs the competition's 5/16" (8mm) wide band. The wider band allows for higher torque which withstands higher pressure.



STAINLESS STEEL WORM-GEAR HOSE CLAMPS

304 SS Housing & Band | Carbon Steel Plated Screw

SAE J1508 Type F - 1/2" (12.7mm) Wide Band - 5/16" Hex Head Screw

SAE Size	BBI VH4	Breeze 62000	Ideal-Tridon 57-0*	Heritage HCGP-P43	Heritage HCGP-P22*	Vertex
6	VH4006	62006H	57060	HCGP-P43-006-500	HCGP-P22-006-500	08W60-6
8	VH4008	62008H	57080	HCGP-P43-008-500	HCGP-P22-008-500	08W60-8
10	VH4010	62010H	57100	HCGP-P43-010-500	HCGP-P22-010-500	08W60-10
12	VH4012	62012H	57120	HCGP-P43-012-500	HCGP-P22-012-500	08W60-12
16 (11/16)	VH4016		57160			08W60-16
16 (13/16)	VH4017	62016H		HCGP-P43-016-500	HCGP-P22-016-500	
20	VH4020	62020H	57200	HCGP-P43-020-500	HCGP-P22-020-500	08W60-20
24	VH4024	62024H	57240	HCGP-P43-024-500	HCGP-P22-024-500	08W60-24
28	VH4028	62028H	57280	HCGP-P43-028-500	HCGP-P22-028-500	08W60-28
32	VH4032	62032H	57320	HCGP-P43-032-500	HCGP-P22-032-500	08W60-32
36	VH4036	62036H	57360	HCGP-P43-036-500	HCGP-P22-036-500	08W60-36
40	VH4040	62040H	57400	HCGP-P43-040-500	HCGP-P22-040-500	08W60-40
44	VH4044	62044H	57440	HCGP-P43-044-500	HCGP-P22-044-500	08W60-44
48	VH4048	62048H	57480	HCGP-P43-048-500	HCGP-P22-048-500	08W60-48
52	VH4052	62052H	57520	HCGP-P43-052-500	HCGP-P22-052-500	08W60-52
56	VH4056	62056H	57560	HCGP-P43-056-500	HCGP-P22-056-500	08W60-56
60	VH4060	62060H	57600	HCGP-P43-060-500	HCGP-P22-060-500	08W60-60
64	VH4064	62064H	57640	HCGP-P43-064-500	HCGP-P22-064-500	08W60-64
72	VH4072	62072H	57720	HCGP-P43-072-500	HCGP-P22-072-500	08W60-72
80	VH4080	62080H	57800	HCGP-P43-080-500	HCGP-P22-080-500	08W60-80
88	VH4088	62088H	57880	HCGP-P43-088-500	HCGP-P22-088-500	08W60-88
96	VH4096	62096H	57960	HCGP-P43-096-500	HCGP-P22-096-500	08W60-96
104	VH4104	62104H	57104	HCGP-P43-104-500	HCGP-P22-104-500	08W60-104

*Note: Ideal-Tridon 57-0 series and Heritage P22 series band and housing are made from 200 series stainless which has less nickel & chromium offering less corrosion resistance. Heritage P43 series have a 400 series stainless housing and a 300 series stainless band.

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type F	Carbon Steel	25-35 in-lb (2.8-4 Nm)	50 in-lb (5.6 Nm)	1 Nm = 8.85 in-lbs

SAE J1508 Type M - Mini Worm-Gear Hose Clamp - 5/16" (8mm) Wide Band* - 1/4" Hex Head Screw

SAE Size	BBI VH4	Breeze 3500	Ideal-Tridon 62P Tridon 325/mh	Heritage HCMN-P3	Vertex
4M	VH4004	3504	6204 (old PN 6202)	HCMN-P33-004-3125	08W60-4M
6M	VH4005	3506	6206 (old PN 6203)	HCMN-P33-006-3125	08W60-6M
8M	VH4007	3508	62P08	HCMN-P33-008-3125	08W60-8M
10M	VH4009	3510	62P10	HCMN-P33-010-3125	08W60-10M
12M	VH4011	3512	62P12	HCMN-P33-012-3125	08W60-12M

Clamp Type	Screw Type	Installation Torque	Durability Torque	Conversion
Type M-Mini	Carbon Steel	10-14 in-lb (1.1-1.6 Nm)	20 in-lb (2.3 Nm)	1 Nm = 8.85 in-lbs
BBI Type M*	Carbon Steel	13-18.2 in-lb (1.5-2.1 Nm)	26 in-lb (3 Nm)	

Note: BBI Type M-Mini Clamps have ~ 3/8" (.35") (9mm) wide bands vs the competition's 5/16" (8mm) wide band. The wider band allows for higher torque which withstands higher pressure.



CLAMPING RANGE

SAE Size	BBI	Breeze	Ideal-Tridon	Heritage
4M	#4-MINI (5/16"-5/8") (8mm-16mm)	#4-MINI (7/32"-5/8") (6mm-16mm)	#4-MINI (5/16"-5/8") (8mm-16mm)	#4-MINI (1/4"-5/8") (6mm-16mm)
6M	#6M-MINI (1/2"-7/8") (12mm-23mm)	#6M-MINI (7/16"-25/32") (11mm-20mm)	#6M-MINI (5/16"-7/8") (8mm-23mm)	#6M-MINI (7/16"-3/4") (11mm-19mm)
8M	#8M-MINI (1/2"-1") (13mm-25mm)	#8M-MINI (1/2"-29/32") (13mm-23mm)	#8M-MINI (7/16"-1") (11mm-25mm)	#8M-MINI (1/2"-1") (13mm-25mm)
10M	#10M-MINI (9/16"-1-1/16") (14mm-27mm)	#10M-MINI (9/16"-1-1/16") (14mm-27mm)	#10M-MINI (1/2"-1-1/16") (13mm-27mm)	#10M-MINI (9/16"-1") (14mm-25mm)
12M	#12 (11/16"-1-1/4") (17mm-32mm)	#12M-MINI (11/16"-1-1/4") (17mm-32mm)	#12M-MINI (9/16"-1-1/4") (14mm-32mm)	#12M-MINI (11/16"-1-1/4") (17mm-32mm)
16M	#16 (13/16"-1-1/2") (21mm-38mm)	#16M-MINI (15/16"-1-1/2") (24mm-38mm)	#16M-MINI (11/16"-1-1/2") (18mm-38mm)	#16M-MINI (1/2"-1-1/2") (13mm-38mm)
6	#6 (1/2"-7/8") (12mm-23mm)	#6 (7/16"-25/32") (11mm-20mm)	#6 (3/8"-7/8") (10mm-22mm)	#6 (7/16"-3/4") (11mm-19mm)
8	#8 (1/2"-1") (13mm-25mm)	#8 (1/2"-29/32") (13mm-23mm)	#8 (7/16"-1") (11mm-25mm)	#8 (1/2"-1") (13mm-25mm)
10	#10 (9/16"-1-1/16") (14mm-27mm)	#10 (9/16"-1-1/16") (14mm-27mm)	#10 (1/2"-1-1/16") (13mm-27mm)	#10 (9/16"-1") (14mm-25mm)
12	#12 (11/16"-1-1/4") (17mm-32mm)	#12 (11/16"-1-1/4") (17mm-32mm)	#12 (1/2"-1-1/4") (13mm-32mm)	#12 (11/16"-1-1/4") (17mm-32mm)
16 (11/16)	#16 (11/16"-1-1/2") (17mm-38mm)		#16 (11/16"-1-1/2") (17mm-38mm)	
16 (13/16)	#16 (13/16"-1-1/2") (21mm-38mm)	#16 (13/16"-1-1/2") (21mm-38mm)		#16 (13/16"-1-1/2") (21mm-38mm)
20	#20 (13/16"-1-3/4") (21mm-44mm)	#20 (13/16"-1-3/4") (21mm-44mm)	#20 (3/4"-1-3/4") (19mm-44mm)	#20 (13/16"-1-3/4") (21mm-44mm)
24	#24 (1"-2") (25mm-51mm)	#24 (1-1/16"-2") (27mm-51mm)	#24 (1"-2") (25mm-51mm)	#24 (1"-2") (25mm-51mm)
28	#28 (1-1/4"-2-1/4") (32mm-57mm)	#28 (1-5/16"-2-1/4") (33mm-57mm)	#28 (1-1/4"-2-1/4") (32mm-57mm)	#28 (1-5/16"-2-1/4") (33mm-57mm)
32	#32 (1-1/2"-2-1/2") (38mm-63mm)	#32 (1-9/16"-2-1/2") (40mm-64mm)	#32 (1-1/2"-2-1/2") (38mm-63mm)	#32 (1-9/16"-2-1/2") (40mm-64mm)
36	#36 (1-3/4"-2-3/4") (44mm-70mm)	#36 (1-13/16"-2-3/4") (46mm-70mm)	#36 (3/4"-2-3/4") (19mm-70mm)	#36 (1-13/16"-2-3/4") (46mm-70mm)
40	#40 (2"-3") (51mm-76mm)	#40 (2-1/16"-3") (52mm-76mm)	#40 (1"-3") (26mm-76mm)	#40 (2"-3") (51mm-76mm)
44	#44 (2-1/4"-3-1/4") (57mm-82mm)	#44 (2-5/16"-3-1/4") (59mm-83mm)	#44 (1-1/4"-3-1/4") (32mm-82mm)	#44 (2-5/16"-3-1/4") (59mm-83mm)
48	#48 (2-1/2"-3-1/2") (64mm-89mm)	#48 (2-9/16"-3-1/2") (65mm-89mm)	#48 (1-1/2"-3-1/2") (38mm-89mm)	#48 (2-9/16"-3-1/2") (65mm-89mm)
52	#52 (2-3/4"-3-3/4") (70mm-95mm)	#52 (2-13/16"-3-3/4") (71mm-95mm)	#52 (1-3/4"-3-3/4") (44mm-95mm)	#52 (2-13/16"-3-3/4") (71mm-95mm)
56	#56 (3"-4") (76mm-102mm)	#56 (3-1/16"-4") (78mm-102mm)	#56 (2"-4") (51mm-102mm)	#56 (3"-4") (76mm-102mm)
60	#60 (3-1/4"-4-1/4") (82mm-108mm)	#60 (3-5/16"-4-1/4") (84mm-108mm)	#60 (2-1/4"-4-1/4") (57mm-108mm)	#60 (3-5/16"-4-1/4") (84mm-108mm)
64	#64 (3-1/2"-4-1/2") (89mm-114mm)	#64 (3-9/16"-4-1/2") (91mm-114mm)	#64 (2-1/2"-4-1/2") (64mm-114mm)	#64 (3-9/16"-4-1/2") (91mm-114mm)
72	#72 (4"-5") (102mm-127mm)	#72 (1-7/8"-5") (48mm-127mm)	#72 (3"-5") (76mm-127mm)	#72 (4"-5") (102mm-127mm)
80	#80 (4-1/2"-5-1/2") (114mm-140mm)	#80 (2-1/2"-5-1/2") (64mm-140mm)	#80 (3-1/2"-5-1/2") (89mm-140mm)	#80 (4-5/8"-5-1/2") (117mm-140mm)
88	#88 (5"-6") (127mm-152mm)	#88 (3-1/8"-6") (79mm-152mm)	#88 (4"-6") (102mm-152mm)	#88 (5-1/8"-6") (130mm-152mm)
96	#96 (5-1/2"-6-1/2") (140mm-165mm)	#96 (3-5/8"-6-1/2") (92mm-165mm)	#96 (4-1/2"-6-1/2") (114mm-165mm)	#96 (5-9/16"-6-1/2") (141mm-165mm)
104	#104 (6"-7") (152mm-178mm)	#104 (4-1/8"-7") (105mm-178mm)	#104 (5"-7") (127mm-178mm)	#104 (6-3/16"-7") (157mm-178mm)
128	#128 (5-5/8"-8-1/2") (143mm-216mm)		#128 (6-1/2"-8-1/2") (165mm-218mm)	#128 (6-1/2"-8-1/2") (165mm-218mm)



**BRIGHTON-BEST
INTERNATIONAL**

Information provided for
general guidance only

www.brightonBEST.com • 1 - 8 0 0 - 2 7 5 - 0 0 5 0

Brighton-Best International Information presented is believed to be accurate at the time of document creation. However Brighton-Best International is not responsible for any claim traceable to any errors (typographical or otherwise) as contained herein. Brighton-Best International makes no warranties as to the accuracy of this information found in public circulation.