

MURRAY™

YOU GET MORE WITH MURRAY



CLAMPING SOLUTIONS



Established 1912
Headquartered in the USA



Murray Corporation
260 Schilling Circle
Hunt Valley, MD, 21031, USA

Ph: 410-771-0380
Fax: 410-771-5576

www.murraycorp.com



YOU GET MORE WITH MURRAY

Capabilities

Hose Clamps

- We offer a full range of hose clamps manufactured in the US, Canada and China.
- We are always looking for new product opportunities. Bring us your problem and we will help you find a solution.
- We can make custom clamps specific for your application.
- ISO 9001:2008 certified.
- Experienced in working with large and small OEM manufacturers, as well as all levels of distribution on a global basis.
- Murray offers JIT delivery or we can build and carry inventory for you with blanket orders.
- Special packaging capabilities available to customize with your logo.



Stamped Parts

- Murray can manufacture stamped metal parts in most grades of steel, as well as in aluminum and copper.
- We have stamping tool design / build capabilities, and production facilities in the US, China, and Canada.
- We can also use your existing die sets.



Atlantis Industries (sister company) Plastic Injection Molded Parts

- Manufacturer of custom plastic injection molded parts.
- Work with all resin grades including commodity grades, engineering grades and custom blends.
- Shot sizes 0.1 grams and up, press capacities up to 800 tons.
- Tooling design / build in the US, Europe and Asia.
- Rapid tool builds are our specialty.
- ISO9001/TS16949 Certified. In-house CMM services.
- Specialize in parts for military, medical, and consumer durables markets.
- Secondary operations offered include sonic welding, taping, pad printing, assembly, bagging, and retail packaging.



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EXT Series Exhaust Clamp

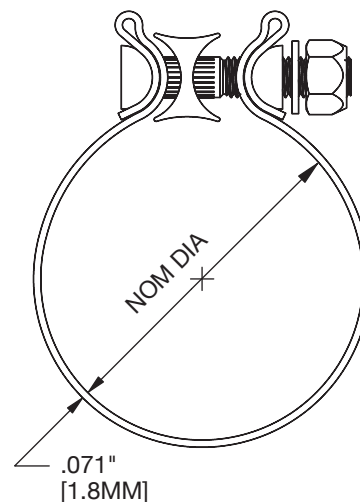
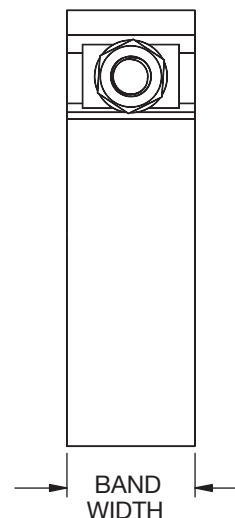
- Perfect solution for connecting exhaust systems and steel pipes
- Designed to meet the challenging requirements of OEM users
- Available in various material grade finishes and band widths
- Custom designs available upon request
- Compensates for thermal cycling from large temperature variations to avoid leaks
- Design includes spacer block that allows for higher clamping loads without damaging the pipe
- Spacer block provides 360 degrees of contact to improve performance of the connection
- Design allows for maintenance and servicing the joint

Nut, bolt, spacer and reaction block are all Zinc Plated Carbon Steel. Band material is noted below.



(BW) Band Width (in)	Nominal Dia (ND) Pipe Size (in)	Aluminized Steel*	Band Material			
			430 SS		304 SS	
			Dull	Polished	Dull	Polished
1.25"	1.75"	EXT175AL	EXT1754D	EXT1754P	EXT1753D	EXT1753P
1.25"	1.88"	EXT188AL	EXT1884D	EXT1884P	EXT1883D	EXT1883P
1.25"	2.00"	EXT200AL	EXT2004D	EXT2004P	EXT2003D	EXT2003P
1.25"	2.25"	EXT225AL	EXT2254D	EXT2254P	EXT2253D	EXT2253P
1.25"	2.50"	EXT250AL	EXT2504D	EXT2504P	EXT2503D	EXT2503P
1.25"	2.75"	EXT275AL	EXT2754D	EXT2754P	EXT2753D	EXT2753P
1.25"	3.00"	EXT300AL	EXT3004D	EXT3004P	EXT3003D	EXT3003P
1.25"	3.50"	EXT350AL	EXT3504D	EXT3504P	EXT3503D	EXT3503P
1.25"	4.00"	EXT400AL	EXT4004D	EXT4004P	EXT4003D	EXT4003P
1.25"	4.50"	EXT450AL	EXT4504D	EXT4504P	EXT4503D	EXT4503P
1.25"	5.00"	EXT500AL	EXT5004D	EXT5004P	EXT5003D	EXT5003P
1.25"	6.00"	EXT600AL	EXT6004D	EXT6004P	EXT6003D	EXT6003P
1.25"	7.00"	EXT700AL	EXT7004D	EXT7004P	EXT7003D	EXT7003P
1"	1.75"	EXTN175AL	EXTN1754D	EXTN1754P	EXTN1753D	EXTN1753P
1"	1.88"	EXTN188AL	EXTN1884D	EXTN1884P	EXTN1883D	EXTN1883P
1"	2.00"	EXTN200AL	EXTN2004D	EXTN2004P	EXTN2003D	EXTN2003P
1"	2.25"	EXTN225AL	EXTN2254D	EXTN2254P	EXTN2253D	EXTN2253P
1"	2.50"	EXTN250AL	EXTN2504D	EXTN2504P	EXTN2503D	EXTN2503P
1"	2.75"	EXTN275AL	EXTN2754D	EXTN2754P	EXTN2753D	EXTN2753P
1"	3.00"	EXTN300AL	EXTN3004D	EXTN3004P	EXTN3003D	EXTN3003P
1"	3.50"	EXTN350AL	EXTN3504D	EXTN3504P	EXTN3503D	EXTN3503P
1"	4.00"	EXTN400AL	EXTN4004D	EXTN4004P	EXTN4003D	EXTN4003P
1"	4.50"	EXTN450AL	EXTN4504D	EXTN4504P	EXTN4503D	EXTN4503P
1"	5.00"	EXTN500AL	EXTN5004D	EXTN5004P	EXTN5003D	EXTN5003P
1"	6.00"	EXTN600AL	EXTN6004D	EXTN6004P	EXTN6003D	EXTN6003P
1"	7.00"	EXTN700AL	EXTN7004D	EXTN7004P	EXTN7003D	EXTN7003P

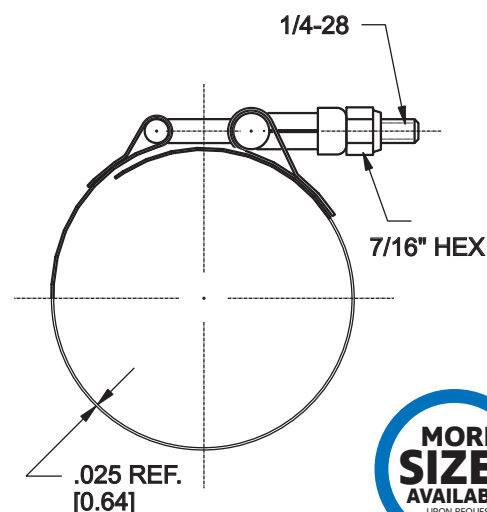
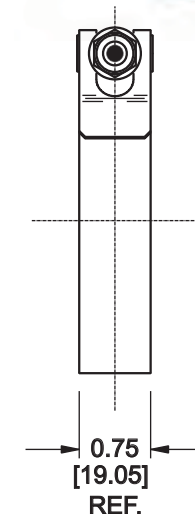
*Hot Dipped aluminum coated low alloy carbon steel
Other material options may be available upon request



T-Bolt Clamps - SAE Type "TB"

- Murray T-Bolt band clamps are designed to provide connections without leaks. They are typically installed in truck exhaust or air inlet and water hoses, motorcycle exhaust systems, marine applications, irrigation system hoses, water pump hoses and filter bags. Band edges are rounded to protect the hose.
- TB series clamps use a plated steel bolt and self-locking nut. The balance of the components are made from 300 series stainless steel.
- TBSS series clamps are made entirely from 300 series stainless steel. Clamps are also available in 316 Stainless Steel as special order items. Maximum service temperature for locknut is 250° (F).
- More material configurations available.

Plated Nut & Bolt	All "300" Series Stainless	Diameter Inches			Diameter Millimeters		
		Nominal	Min.	Max.	Nominal	Min.	Max.
TB156	TB156SS	1.50	1.31	1.56	38	33	40
TB187	TB187SS	1.75	1.62	1.87	44	41	47
TB206	TB206SS	2.00	1.81	2.06	51	46	52
TB225	TB225SS	2.15	1.94	2.25	55	49	57
TB237	TB237SS	2.25	2.06	2.37	57	52	60
TB250	TB250SS	2.40	2.19	2.50	61	56	64
TB262	TB262SS	2.50	2.31	2.62	64	59	67
TB287	TB287SS	2.75	2.56	2.87	70	65	73
TB312	TB312SS	3.00	2.81	3.12	76	71	79
TB337	TB337SS	3.25	3.06	3.37	83	78	86
TB359	TB359SS	3.50	3.28	3.59	89	83	91
TB387	TB387SS	3.78	3.56	3.87	96	90	98
TB394	TB394SS	3.85	3.63	3.94	98	92	100
TB412	TB412SS	4.00	3.81	4.12	102	97	105
TB437	TB437SS	4.25	4.06	4.37	108	103	111
TB462	TB462SS	4.50	4.31	4.62	114	109	117
TB487	TB487SS	4.75	4.56	4.87	121	116	124
TB512	TB512SS	5.00	4.81	5.12	127	122	130
TB537	TB537SS	5.25	5.06	5.37	133	129	136
TB562	TB562SS	5.50	5.31	5.62	140	135	143
TB587	TB587SS	5.75	5.56	5.87	146	141	149
TB612	TB612SS	6.00	5.81	6.12	152	148	155
TB637	TB637SS	6.25	6.06	6.37	159	154	162
TB662	TB662SS	6.50	6.31	6.62	165	160	168
TB687	TB687SS	6.75	6.56	6.87	171	167	174
TB712	TB712SS	7.00	6.81	7.12	178	173	181
TB737	TB737SS	7.25	7.06	7.37	184	179	187
TB762	TB762SS	7.50	7.31	7.62	191	186	194
TB787	TB787SS	7.75	7.56	7.87	197	192	200
TB812	TB812SS	8.00	7.81	8.12	203	198	206
TB837	TB837SS	8.25	8.06	8.37	210	205	213
TB919	TB919SS	9.00	8.88	9.19	229	225	233
TB1113	TB1113SS	11.00	10.82	11.13	279	275	283
TB1313	TB1313SS	13.00	12.82	13.13	330	326	334

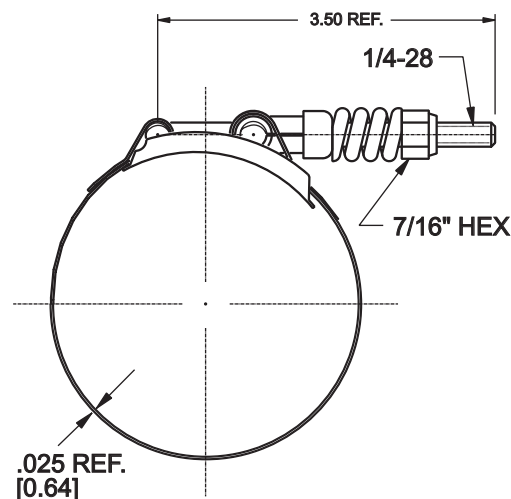
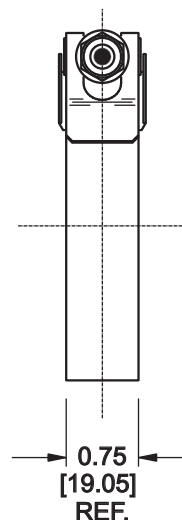


Spring-Loaded T-Bolt Clamps - SAE Type "TBLS"

- Murray spring-loaded clamps are designed to compensate for the expansion and contraction of hose caused by temperature and/or hose cold flow. Typical installations include silicone hoses on charge air cooling/air to air, after cooling systems, and primary engine coolant systems.
- TBLS series clamps use a plated steel self-locking nut, bolt and spring. The balance of the components are made from 300 series stainless steel. Band edges are rounded to protect hoses.
- More material configurations available.

NOTE: Coil springs should not be compressed to solid at installation. Make sure the nut is positioned approximately one to two turns from solid. This allows the clamp to expand and contract.

Clamp Series	Diameter Inches			Diameter Millimeters		
	Nominal	Min.	Max.	Nominal	Min.	Max.
TBLS206	2.00	1.81	2.06	51	46	52
TBLS225	2.15	1.94	2.25	55	49	57
TBLS237	2.25	2.06	2.37	57	52	60
TBLS250	2.40	2.19	2.50	61	56	64
TBLS262	2.50	2.31	2.62	64	59	67
TBLS287	2.75	2.56	2.87	70	65	73
TBLS312	3.00	2.81	3.12	76	71	79
TBLS337	3.25	3.06	3.37	83	78	86
TBLS359	3.50	3.28	3.59	89	83	91
TBLS387	3.78	3.56	3.87	96	90	98
TBLS394	3.85	3.63	3.94	98	92	100
TBLS412	4.00	3.81	4.12	102	97	105
TBLS437	4.25	4.06	4.37	108	103	111
TBLS462	4.50	4.31	4.62	114	109	117
TBLS487	4.75	4.56	4.87	121	116	124
TBLS512	5.00	4.81	5.12	127	122	130
TBLS537	5.25	5.06	5.37	133	129	136
TBLS562	5.50	5.31	5.62	140	135	143
TBLS587	5.75	5.56	5.87	146	141	149
TBLS612	6.00	5.81	6.12	152	148	155
TBLS637	6.25	6.06	6.37	159	154	162
TBLS662	6.50	6.31	6.62	165	160	168
TBLS687	6.75	6.56	6.87	171	167	174
TBLS712	7.00	6.81	7.12	178	173	181
TBLS737	7.25	7.06	7.37	184	179	187
TBLS762	7.50	7.31	7.62	191	186	194
TBLS787	7.75	7.56	7.87	197	192	200
TBLS812	8.00	7.81	8.12	203	198	206
TBLS837	8.25	8.06	8.37	210	205	213
TBLS919	9.00	8.88	9.19	229	225	233
TBLS1113	11.00	10.82	11.13	279	275	283
TBLS1313	13.00	12.82	13.13	330	326	334

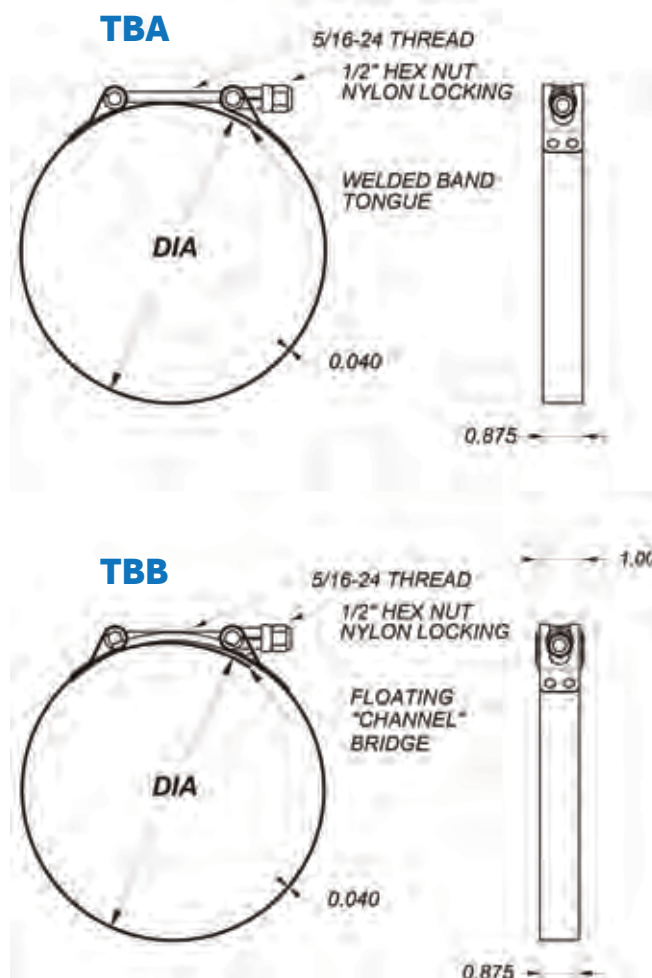


Heavy-Duty T-Bolt Clamps – Type TBA and TBB

- Murray Heavy-Duty T-Bolt band clamps are designed to provide connections without leaks in applications that require additional installation torque and strength.
- Typically used in agriculture, center pivot irrigation, marine, heavy-duty truck, and severe service industrial applications.
- Available in two styles:
 - TBA series – welded band tongue under the bolt
 - TBB series – floating “channel” bridge under the bolt
- Both TBA and TBB series have 5/16" diameter bolts, .875" wide, and .040" thick bands, providing a considerably heavier-duty construction than standard T-Bolt band clamps.
- Heat-treated alloy steel bolts and self-locking nuts are double plated clear chromate finished for high corrosion resistance. All other clamp components are 300 series bright finished stainless steel.



TBA Series	TBB Series	Size Number	Open Dia.	Closed Dia.	Hose Size Ref.
TBA415	TBB415	400	4.15	3.75	4"
TBA440	TBB440	425	4.40	4.00	4"
TBA465	TBB465	450	4.65	4.25	4-1/2"
TBA490	TBB490	475	4.90	4.50	4-1/2"
TBA503	TBB503	488	5.03	4.63	4-1/2"
TBA515	TBB515	500	5.15	4.75	5"
TBA540	TBB540	525	5.40	5.00	5"
TBA546	TBB546	531	5.46	5.06	5"
TBA565	TBB565	550	5.65	5.25	5-1/2"
TBA571	TBB571	556	5.71	5.31	5-1/2"
TBA590	TBB590	575	5.90	5.50	5-1/2"
TBA615	TBB615	600	6.15	5.75	5-9/16"
TBA633	TBB633	618	6.33	5.93	6"
TBA640	TBB640	625	6.40	6.00	6"
TBA659	TBB659	644	6.59	6.19	6"
TBA665	TBB665	650	6.65	6.25	6-1/2"
TBA671	TBB671	656	6.71	6.31	6-1/2"
TBA690	TBB690	675	6.90	6.50	6-1/2"
TBA703	TBB703	688	7.03	6.63	6-1/2"
TBA715	TBB715	700	7.15	6.75	6-5/8"
TBA721	TBB721	706	7.21	6.81	6-5/8"
TBA727	TBB727	712	7.27	6.87	6-5/8"
TBA734	TBB734	719	7.34	6.94	6-5/8"
TBA740	TBB740	725	7.40	7.00	6-5/8"
TBA750	TBB750	735	7.50	7.10	6-5/8"
TBA815	TBB815	800	8.15	7.75	8"
TBA859	TBB859	844	8.59	8.19	8"
TBA865	TBB865	850	8.65	8.25	8-1/2"
TBA871	TBB871	856	8.71	8.31	8-1/2"
TBA877	TBB877	862	8.77	8.37	8-1/2"
TBA885	TBB885	870	8.85	8.45	8-1/2"
TBA905	TBB905	890	9.05	8.65	8-1/2"
TBA933	TBB933	918	9.33	8.93	8-5/8"
TBA940	TBB940	925	9.40	9.00	8-5/8"
TBA1059	TBB1059	1044	10.59	10.19	10"
TBA1077	TBB1077	1062	10.77	10.37	10"
TBA1084	TBB1084	1069	10.84	10.44	10"
TBA1090	TBB1090	1075	10.90	10.50	10-3/4"
TBA1094	TBB1094	1079	10.94	10.54	10-3/4"
TBA1105	TBB1105	1090	11.05	10.65	10-3/4"



Recommended Installation Torque: 100 in-lb
Bolt Threading: 5/16-24
Nut: 1/2" Nylon Lock Nut

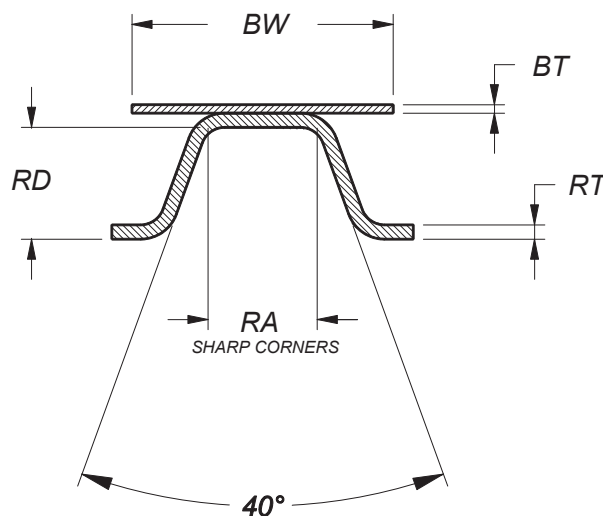
V-Band Clamps / V Band Couplings / V Profile Clamps

Murray Corporation offers a premium V-Band Clamp for flanged connections, made with a variety of high quality material grade components. Our clamps go through extensive testing and our comprehensive process control insures you consistently receive the highest quality parts.

- **Markets:** Heavy Duty Truck, Automotive, High Performance and Racing, and Marine
- **Applications:** turbocharger systems, exhaust, emissions, diesel particulate filters, pumps, food and chemical processing equipment, muffler assemblies, and industrial applications where a flanged connection is required.
- **Features:** High Strength, Reliability, and Corrosion Resistance
- Custom solutions are available in various material types, thicknesses and widths, and various nut and bolt combinations. Higher performance materials are available.



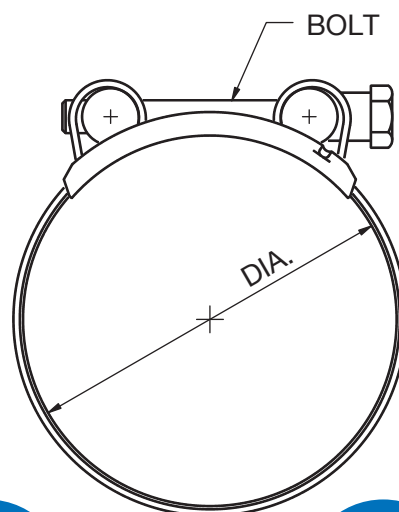
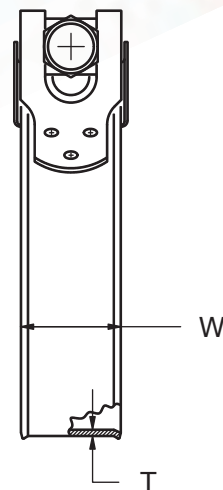
V Band - Dim. in inches							
P/N	Nominal Dia.	Flange Dia.	Retainer			Band	
			RA	RT	RD	BW	BT
TBV-M020-0321	3.210	3.106	0.262	0.050	0.141	0.750	0.031
TBV-M040-0382	3.820	3.695	0.207	0.080	0.281	0.875	0.050
TBV-M050-0388	3.880	3.755	0.400	0.050	0.281	0.875	0.031
TBV-M090-0425	4.250	4.125	0.400	0.050	0.281	0.875	0.031
TBV-M100-0450A	4.500	4.375	0.207	0.080	0.281	0.875	0.050
TBV-M150-0475	4.750	4.625	0.400	0.050	0.281	0.875	0.031
TBV-M160-0481	4.810	4.685	0.207	0.080	0.281	0.875	0.050
TBV-M200-0525	5.250	5.156	0.262	0.050	0.141	0.750	0.031
TBV-M240-0588	5.880	5.755	0.400	0.050	0.281	0.875	0.031
TBV-M260-0592	5.920	5.795	0.293	0.090	0.296	0.875	0.062



Barrel Hardware Clamps- BH

- Ideal for applications where space constraints prevent the use of a standard T-bolt clamp
- Low-profile design, minimal protruding parts and ease of installation
- Deep socket installation tools are not required
- Diameters as small as 17 mm are available
- Used in automotive, industrial and agricultural applications including industrial liquid flow systems, motorcycle exhaust systems and high-performance race cars

All 300 Stainless Steel (W4)	All 316 Stainless (W5)	Range (Inches)		Range (mm)	
		Closed	Open	Closed	Open
BHM5X019SS	BHL5X019SS	0.67	0.75	17	19
BHM5X022SS	BHL5X022SS	0.79	0.87	20	22
BHM5X025SS	BHL5X025SS	0.91	0.98	23	25
BHM5X028SS	BHL5X028SS	1.02	1.10	26	28
BHM6X031SS	BHL6X031SS	1.14	1.22	29	31
BHM6X035SS	BHL6X035SS	1.26	1.38	32	35
BHM6X039SS	BHL6X039SS	1.42	1.54	36	39
BHM6X043SS	BHL6X043SS	1.57	1.69	40	43
BHM6X047SS	BHL6X047SS	1.73	1.85	44	47
BHM6X051SS	BHL6X051SS	1.89	2.01	48	51
BHM6X055SS	BHL6X055SS	2.05	2.17	52	55
BHM6X059SS	BHL6X059SS	2.20	2.32	56	59
BHM6X063SS	BHL6X063SS	2.36	2.48	60	63
BHM8X067SS	BHL8X067SS	2.52	2.64	64	67
BHM8X073SS	BHL8X073SS	2.68	2.87	68	73
BHM8X079SS	BHL8X079SS	2.91	3.11	74	79
BHM8X085SS	BHL8X085SS	3.15	3.35	80	85
BHM8X091SS	BHL8X091SS	3.39	3.58	86	91
BHM8X097SS	BHL8X097SS	3.62	3.82	92	97
BHM8X103SS	BHL8X103SS	3.86	4.06	98	103
BHM8X112SS	BHL8X112SS	4.09	4.41	104	112
BHM8X121SS	BHL8X121SS	4.45	4.76	113	121
BHM8X130SS	BHL8X130SS	4.80	5.12	122	130
BHM10X139SS	BHL10X139SS	5.16	5.47	131	139
BHM10X148SS	BHL10X148SS	5.51	5.83	140	148
BHM10X161SS	BHL10X161SS	5.87	6.34	149	161
BHM10X174SS	BHL10X174SS	6.38	6.85	162	174
BHM10X187SS	BHL10X187SS	6.89	7.36	175	187
BHM10X200SS	BHL10X200SS	7.40	7.87	188	200
BHM10X213SS	BHL10X213SS	7.91	8.39	201	213
BHM10X226SS	BHL10X226SS	8.43	8.90	214	226
BHM10X239SS	BHL10X239SS	8.94	9.41	227	239
BHM10X252SS	BHL10X252SS	9.45	9.92	240	252
BHM10X265SS	BHL10X265SS	9.96	10.43	253	265
BHM10X278SS	BHL10X278SS	10.47	10.94	266	278
BHM10X291SS	BHL10X291SS	10.98	11.46	279	291
BHM10X304SS	BHL10X304SS	11.50	11.97	292	304



Constant Tension Turbo Seal Clamps- SAE Type "T"

A constant tension worm gear clamp designed to compensate for the effects of the thermal cycling and/or compression set of hose.

- Provides dual spring action through convoluted spring action band.
- Features a Murray exclusive Dual Bead Shield® that concentrates band-sealing pressure, and increases performance up to 30% compared to smooth liners.
- Used in Automotive, Off-Road, Agriculture, Heavy Duty, and Military applications.
- Flanged edges protect soft hose compounds.

Rated Ultimate Torque:

75in.lbs. min. (8.5Nm)

Recommended Installation Torque:

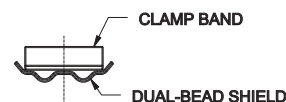
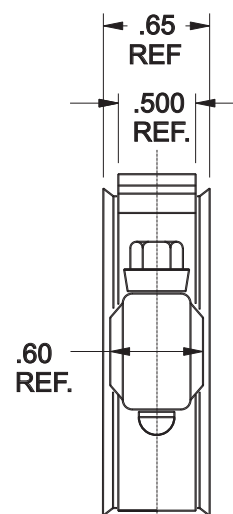
50in.lbs. (5.6Nm)



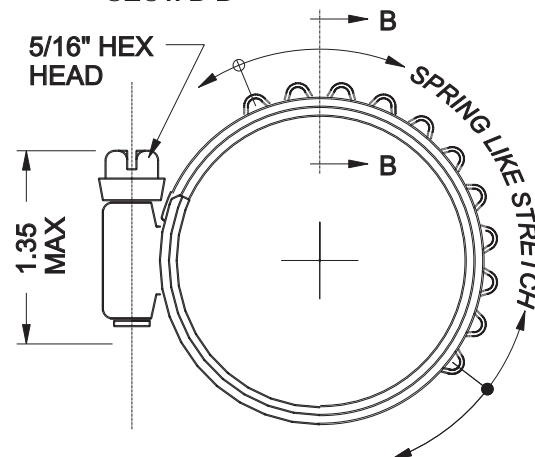
Clamp Series	"A" Diameter Range					
"300 Series Stainless Screws	Decimals		Inches		Millimeters	
TSS 14S30 EP	1.12	1.50	1-1/8	1-1/2	28	38
TSS 16S30 EP	1.20	1.63	1-1/5	1-5/8	30	41
TSS 18S30 EP*	1.28	1.75	1-1/4	1-3/4	33	44
TSS 20S30 EP	1.37	1.88	1-3/8	1-7/8	35	48
TSS 24S30 EP	1.56	2.13	1-9/16	2-1/8	40	54
TSS 28S30 EP	1.63	2.38	1-5/8	2-3/8	41	60
TSS 32S30 EP	1.80	2.63	1-13/16	2-5/8	46	67
TSS 36S30 EP	1.97	2.88	1-31/32	2-7/8	50	73
TSS 40S30 EP	2.25	3.13	2-1/4	3-1/8	57	79
TSS 44S30 EP	2.50	3.38	2-1/2	3-3/8	64	86
TSS 48S30 EP	2.75	3.63	2-3/4	3-5/8	70	92
TSS 52S30 EP	3.00	3.88	3	3-7/8	76	98
TSS 56S30 EP*	3.25	4.13	3-1/4	4-1/8	83	105
TSS 60S30 EP	3.50	4.38	3-1/2	4-3/8	89	111
TSS 64S30 EP	3.75	4.63	3-3/4	4-5/8	95	118
TSS 68S30 EP	4.00	4.88	4	4-7/8	102	124
TSS 72S30 EP	4.25	5.13	4-1/4	5-1/8	108	130
TSS 76S30 EP*	4.50	5.38	4-1/2	5-3/8	114	137
TSS 80S30 EP	4.75	5.63	4-3/4	5-5/8	121	143
TSS 84S30 EP*	5.00	5.88	5	5-7/8	127	149
TSS 88S30 EP*	5.25	6.13	5-1/4	6-1/8	133	156
TSS 92S30 EP*	5.50	6.38	5-1/2	6-3/8	140	162
TSS 96S30 EP	5.75	6.63	5-3/4	6-5/8	146	168
TSS 104S30 EP*	6.25	7.13	6-1/4	7-1/8	159	181
TSS 112S30 EP*	6.75	7.63	6-3/4	7-5/8	172	194
TSS 116S30 EP*	7.00	7.88	7	7-7/8	178	200
TSS 120S30 EP	7.25	8.13	7-1/4	8-1/8	184	206

Other sizes available upon request. Available in packed and bulk stock. Other packaging configurations available.

*items not stocked. special order only



SECT. B-B

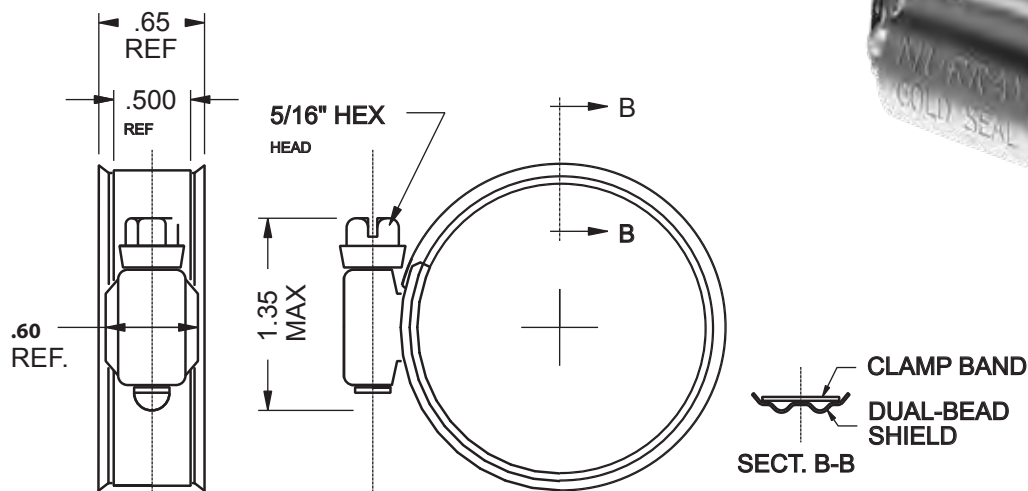


Dual Bead Shield® Super Sealing Clamps- SAE Type "F"

Available exclusively from Murray Corporation, our Dual Bead Shield® Super Sealing Clamp is precision-engineered for various applications.

The inner Dual Bead Shield® provides superb sealing characteristics and is safe for all soft hoses.

This product is perfect for use in air and coolant systems, and is also found in the marine, agriculture, construction and off-road markets.



Rated Ultimate Torque:

Carbon Screw 50in.lbs. min. (5.6Nm)
SS Screw 60in.lbs. min. (6.8Nm)

Recommended Installation Torque:

Carbon Screw 30-40in.lbs. (3.4 - 4.5Nm)
SS Screw 35-45in.lbs. (4.0 - 5.1Nm)

Part Number			"A" Diameter Range					
Plated Screws	"400" Series Stainless Screws	"300" Series Stainless	Decimals		Inches		Millimeters	
			Min.	Max.	Min.	Max.	Min.	Max.
DB 16	DB 16SS	DB 16SS305	0.63	1.38	5/8	1-3/8	15.9	34.9
DB 20	DB 20SS	DB 20SS305	0.69	1.63	11/16	1-5/8	17.5	41.4
DB 24	DB 24SS	DB 24SS305	0.94	1.88	15/16	1-7/8	23.8	47.6
DB 28	DB 28SS	DB 28SS305	1.19	2.13	1-3/16	2-1/8	30.2	54.0
DB 32	DB 32SS	DB 32SS305	1.44	2.38	1-7/16	2-3/8	36.5	60.3
DB 36	DB 36SS	DB 36SS305	1.69	2.63	1-11/16	2-5/8	42.9	66.7
DB 40	DB 40SS	DB 40SS305	1.94	2.88	1-15/16	2-7/8	49.2	73.0
DB 44	DB 44SS	DB 44SS305	2.19	3.13	2-3/16	3-1/8	55.6	79.4
DB 48	DB 48SS	DB 48SS305	2.44	3.38	2-7/16	3-3/8	61.9	85.7
DB 52	DB 52SS	DB 52SS305	2.69	3.63	2-11/16	3-5/8	68.3	92.1
DB 56	DB 56SS	DB 56SS305	2.94	3.88	2-15/16	3-7/8	74.6	98.4
DB 60	DB 60SS	DB 60SS305	3.19	4.13	3-3/16	4-1/8	81.0	104.8
DB 64	DB 64SS	DB 64SS305	3.44	4.38	3-7/16	4-3/8	87.3	111.1
DB 72	DB 72SS	DB 72SS305	3.94	4.88	3-15/16	4-7/8	100.0	123.8
DB 80*	DB 80SS	DB 80SS305	4.44	5.38	4-7/16	5-3/8	112.7	136.5
DB 88*	DB 88SS	DB 88SS305	4.94	5.88	4-15/16	5-7/8	125.4	149.2
DB 96	DB 96SS	DB 96SS305	5.44	6.38	5-7/16	6-3/8	138.1	161.9
DB 104	DB 104SS	DB 104SS305	5.94	6.88	5-15/16	6-7/8	150.8	174.7
DB 116	DB 116SS	DB 116SS305	6.38	7.63	6-3/8	7-5/8	161.9	193.7

Other sizes available upon request. Available in packed and bulk stock. Other packaging configurations available.

*items not stocked. special order only

Stack-Drive Constant Tension Clamps

SLHD series – Heavy Duty Constant Tension Worm Drive Clamp 5/8" wide band

SLF series – Constant Tension Worm Drive Clamp 9/16" wide bands

- Murray Constant Tension Worm Drive clamps compensate for changes in temperature, ensuring a leak free performance.
- Bellville washer "stack" provides spring action to accommodate increases/decreases in joint diameter, preventing loosening and loss of clamp load due to temperature fluctuations.
- Typical uses are in heavy duty truck, high performance automotive, marine, and severe duty industrial applications.
- SLHD Series Material – Band, Housing and Washers are 300 grade stainless steel, and Screw is 400 series stainless steel. Other material combinations available upon request. Band width is 5/8". Liner is a welded shield to prevent soft hose from protruding through the band slots.
- SLF Series Material – Band, Housing and Washers are 300 grade stainless steel, and the screw is 400 series stainless steel. Other material combinations available upon request. Band width is 9/16". Liner is an extended band to prevent soft hose from protruding through the band slots.



SLHD		"A" Diameter Range			
Part Number	Size Number	Millimeters		Inches	
		Min.	Max.	Min.	Max.
SLHD212SS4C	212	32	54	1.25	2.13
SLHD262SS4C	262	44	67	1.75	2.63
SLHD312SS4C	312	57	79	2.25	3.13
SLHD362SS4C	362	70	92	2.75	3.63
SLHD412SS4C	412	83	105	3.25	4.13
SLHD462SS4C	462	95	117	3.75	4.63
SLHD512SS4C	512	108	130	4.25	5.13
SLHD562SS4C	562	121	143	4.75	5.63
SLHD612SS4C	612	133	156	5.25	6.13
SLHD662SS4C	662	146	168	5.75	6.63
SLHD712SS4C	712	159	181	6.25	7.13
SLHD762SS4C	762	171	194	6.75	7.63
SLHD812SS4C	812	184	206	7.25	8.13
SLHD862SS4C	862	197	219	7.75	8.63
SLHD912SS4C	912	210	232	8.25	9.13

SLF		"A" Diameter Range			
Part Number	Size Number	Millimeters		Inches	
		Min.	Max.	Min.	Max.
SLF10SS4C	10	14	27	0.56	1.06
SLF12SS4C	12	17	32	0.69	1.26
SLF16SS4C	16	21	38	0.81	1.50
SLF20SS4C	20	25	44	1.00	1.75
SLF24SS4C	24	27	51	1.06	2.00
SLF28SS4C	28	33	57	1.31	2.25
SLF32SS4C	32	40	64	1.56	2.50
SLF36SS4C	36	46	70	1.81	2.75
SLF40SS4C	40	52	76	2.06	3.00
SLF44SS4C	44	59	83	2.31	3.25
SLF48SS4C	48	65	89	2.56	3.50
SLF52SS4C	52	71	95	2.81	3.75



General Purpose Worm Drive Clamps - Gold Seal®

We offer multiple grades and sizes of traditional worm drive hose clamps.

H Series - Clamps

- 200/300 series stainless steel band and housing
- Heat treated carbon steel screw with 5/16" slotted hex head and plated with trivalent chromate
- Good general purpose clamp
- Ultimate Torque: 50 in.lbs. min (5.6Nm) Installation Torque: 30-40in.lbs. (3.4- 4.5Nm)

HSS Series - All Stainless Steel Clamps

- 200/300 series stainless steel band and housing
- 400 series stainless steel 5/16" slotted hex head screw
- Moderate corrosion resistance perfect for industrial installations
- Ultimate Torque: 60in.lbs. min. (6.8Nm) Installation Torque: 35-45in.lbs. (4.0-5.1Nm)

HFSS Series - All 300 Series Stainless Steel Clamps

- 300 series stainless steel band, housing and 5/16" slotted hex head screw
- All 300 series stainless steel construction provides better corrosion resistance than HSS Series
- Well suited for marine applications
- Ultimate Torque: 60in.lbs. min. (6.8Nm) Installation Torque: 35-45in.lbs. (4.0-5.1Nm)

HGSS Series - All 304 Series Stainless Steel Clamps

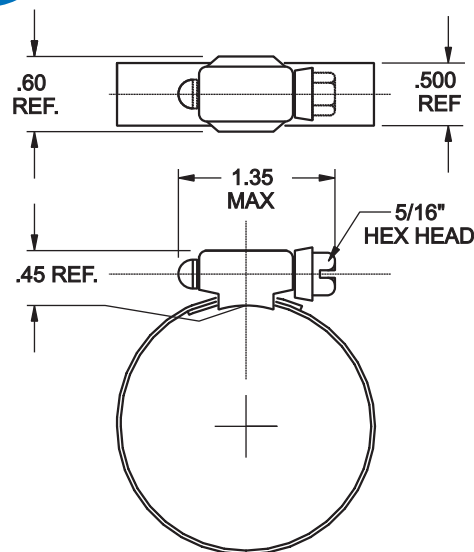
- 304 series stainless steel band, housing and screw
- Suitable for harsh environments and marine applications
- Ultimate Torque: 60in.lbs. min. (6.8Nm) Installation Torque: 35-45in.lbs. (4.0-5.1Nm)

HLSS Series - All 316 Series Stainless Steel Clamp

- 316 series stainless steel band, housing and screw
- Our most durable clamp for excellent performance in highly corrosive environments
- Suitable for plumbing, water well, municipal storm drains, irrigation, marine, transportation and Petrochemical applications
- Ultimate Torque: 60in.lbs. min. (6.8Nm) Installation Torque: 35-45in.lbs. (4.0-5.1Nm)

HMSS Series - All Stainless Steel Clamp With 9/16" Wide Band

- 200 series stainless steel band and housing
- 400 series stainless steel 5/16" slotted hex head screw
- 9/16" wide band
- Ultimate Torque: 60in.lbs. min. (6.8Nm) Installation Torque: 35-45in.lbs. (4.0-5.1Nm)



Applies to: H, H-SS, HF-SS, HL-SS Series

Part Number Explanation

Hxx

HxxSS

HFxxSS

HGxxSS

HLxxSS

HMxxSS

xx=SAE Size

Select the series and add the **SAE size** to determine your part number.

Then add the part number extension: 00C for Bulk, 00P for 10 PC Packers

Clamp Series		"A" Diameter Range					
SAE Size	Decimals		Inches		Millimeters		
6	0.44	0.78	7/16	25/32	11	20	
8	0.44	0.91	7/16	29/32	11	23	
10	0.56	1.06	9/16	1 1/16	14	27	
12	0.69	1.25	1 1/16	1 1/4	18	32	
16	0.75	1.5	3/4	1 1/2	19	38	
20	0.81	1.75	13/16	1 3/4	21	44	
24	1.06	2	1 1/16	2	27	51	
28	1.31	2.25	1 5/16	2 1/4	33	57	
32	1.56	2.5	1 9/16	2 1/2	40	64	
36	1.81	2.75	1 13/16	2 3/4	46	70	
40	2.06	3	2 1/16	3	52	76	
44	2.31	3.25	2 5/16	3 1/4	59	83	
48	2.56	3.5	2 9/16	3 1/2	65	89	
52	2.81	3.75	2 13/16	3 3/4	71	95	
56	3.06	4	3 1/16	4	78	102	
60	3.31	4.25	3 5/16	4 1/4	84	108	
64	3.56	4.5	3 9/16	4 1/2	90	114	
72	4.06	5	4 1/16	5	103	127	
80*	4.56	5.5	4 9/16	5 1/2	116	140	
88*	5.06	6	5 1/16	6	129	152	
96	5.56	6.5	5 9/16	6 1/2	141	165	
104	6.06	7	6 1/16	7	154	178	
116	6.5	7.75	6 1/2	7 3/4	165	197	
128	5.69	8.5	5 11/16	8-12	144	216	

*items not stocked. special order only

All 304 Stainless Steel Construction Clamp

HG40SS00P

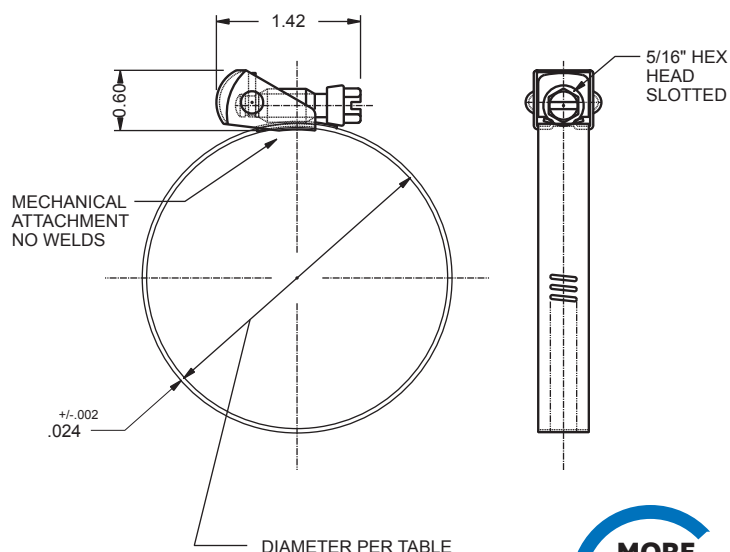
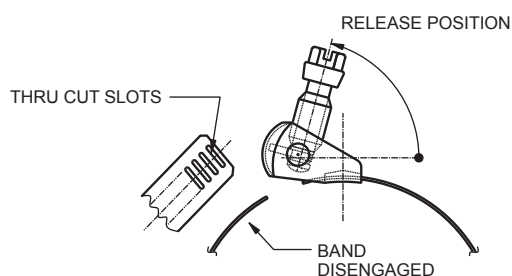
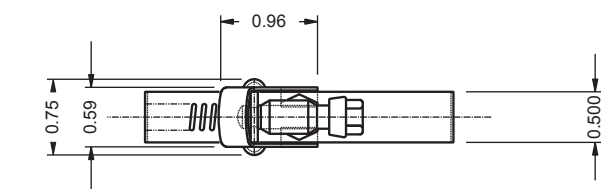
SAE Size

10 PC Packers

Type "F" Quick Release Clamp

- 200 series stainless steel band, housing and screw with 400 series stainless steel thrust block
- Easy to install and remove due to the swivel action locking of the screw
- Large clamping range, making them very versatile
- Typically used for closed system installations where the clamp must be opened to be fitted
- Other material configurations available

Part Number	Diameter (inch)		Diameter (mm)	
	Open	Closed	Open	Closed
QR104S2	7.00	2.00	171	51
QR128S2	8.500	2.00	216	51
QR152S2	10.00	2.00	254	51
QR188S2	12.25	2.00	311	51
QR232S2	15.00	2.00	381	51
QR258S2	16.63	2.00	422	51
QR288S2	18.50	2.00	470	51
QR312S2	20.00	2.00	508	51



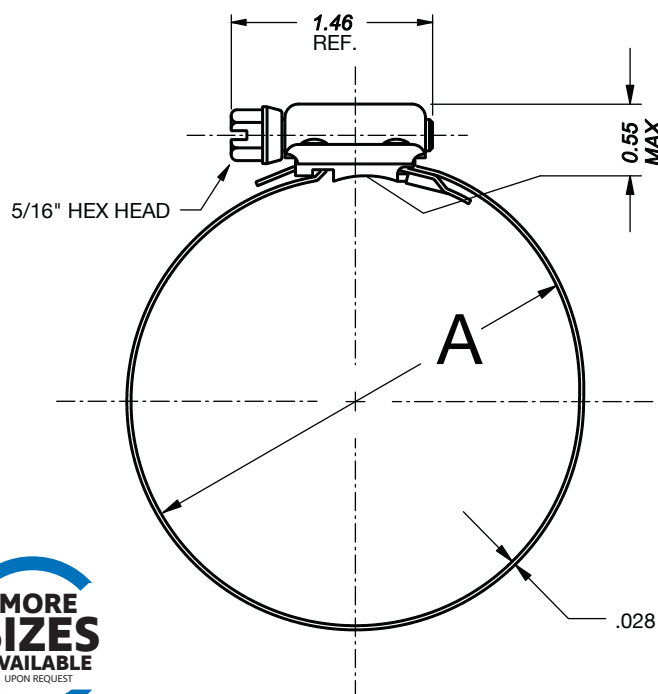
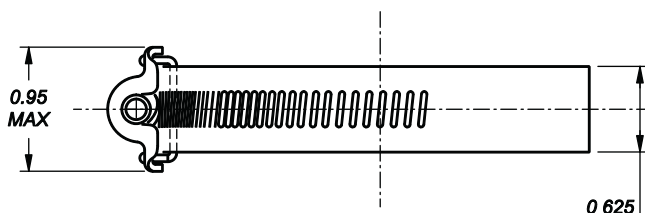
High Torque Series Clamps XHF Series – 5/8" wide band

Heavy Duty Worm Gear Clamp

- Material – all components made with 300 grade stainless steel and the band width is 5/8".
- Screw is longer and has a larger diameter than standard Worm Drive clamps to provide strength under load and to increase the number of threads engaged with the band. This produces a clamp that can withstand higher loads.
- Band material is slightly thicker allowing for higher tensile strength providing a stronger clamp capable of producing higher torque ratings.
- Ultimate torque is a minimum of 100 in lbs, or 11.3 Nm.
- Recommended Installation Torque is 75 in lbs or 8.5 Nm.
- Suitable for applications where a heavier duty clamp is necessary.
- Other material grades may be available upon request.



"A" Diameter Range				
Part Number	Decimals		Millimeters	
XHF212SS	2.12	1.25	54	32
XHF237SS	2.37	1.50	60	38
XHF262SS	2.62	1.75	67	44
XHF287SS	2.87	2.00	73	51
XHF312SS	3.12	2.25	79	57
XHF337SS	3.37	2.50	86	64
XHF362SS	3.62	2.75	92	70
XHF387SS	3.87	3.00	98	76
XHF412SS	4.12	3.25	105	83
XHF437SS	4.37	3.50	111	89
XHF462SS	4.62	3.75	117	95
XHF487SS	4.87	4.00	124	102
XHF512SS	5.12	4.25	130	108
XHF537SS	5.37	4.50	136	114
XHF562SS	5.62	4.75	143	121
XHF587SS	5.87	5.00	149	127
XHF612SS	6.12	5.25	155	133
XHF637SS	6.37	5.50	162	140
XHF662SS	6.62	5.75	168	146
XHF687SS	6.87	6.00	174	152
XHF712SS	7.12	6.25	181	159
XHF737SS	7.37	6.50	187	165
XHF762SS	7.62	6.75	194	171
XHF787SS	7.87	7.00	200	178
XHF812SS	8.12	7.25	206	184
XHF837SS	8.37	7.50	212	191
XHF862SS	8.62	7.75	219	197
XHF887SS	8.87	8.00	225	203
XHF912SS	9.12	8.25	232	210
XHF937SS	9.37	8.50	238	216
XHF962SS	9.62	8.75	244	222
XHF987SS	9.87	9.00	251	229

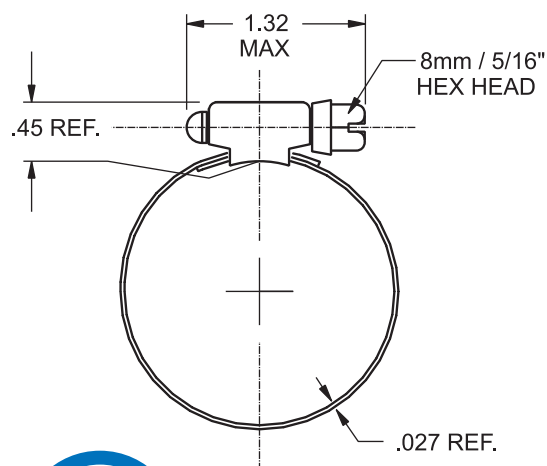
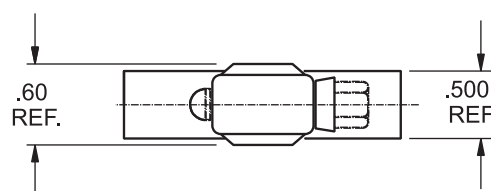


Heavy-Duty Worm Drive Hose Clamp

- All 316 series stainless steel clamp
- 1/2" wide band is thicker than standard worm drive clamps yielding a minimum Ultimate Torque rating of 87 in.lbs.min. (9.8Nm)
- Construction yields superior performance and longevity in corrosive environments
- Applications include plumbing, water well, municipal storm drain systems, irrigation, marine and automotive.



"A" Diameter Range							
SAE Size	Part Number	Decimals		Inches		Millimeters	
6	HDL 6SS	.44	.78	7/16	25/32	11	20
8	HDL 8SS	.44	.91	7/16	29/32	11	23
10	HDL 10SS	.56	1.06	9/16	1/1/16	14	27
12	HDL 12SS	.69	1.25	11/16	1-1/4	18	32
16	HDL 16SS	.75	1.50	3/4	1-1/2	19	38
20	HDL 20SS	.81	1.75	13/16	1-3/4	21	44
24	HDL 24SS	1.06	2.00	1-1/16	2	27	51
28	HDL 28SS	1.31	2.25	1-5/16	2-1/4	33	57
32	HDL 32SS	1.56	2.50	1-9/16	2-1/2	40	64
36	HDL 36SS	1.81	2.75	1-13/16	2-3/4	46	70
40	HDL 40SS	2.06	3.00	2-1/16	3	52	76
44	HDL 44SS	2.31	3.25	2-5/16	3-1/4	59	83
48	HDL 48SS	2.56	3.50	2-9/16	3-1/2	65	89
52	HDL 52SS	2.81	3.75	2-13/16	3-3/4	71	95
56	HDL 56SS	3.06	4.00	3-1/16	4	78	102
60	HDL 60SS	3.31	4.25	3-5/16	4-1/4	84	108
64	HDL 64SS	3.56	4.50	3-9/16	4-1/2	90	114
72	HDL 72SS	4.06	5.00	4-1/16	5	103	127
80	HDL 80SS	4.56	5.50	4-9/16	5-1/2	116	140
88	HDL 88SS	5.06	6.00	5-1/16	6	129	152
96	HDL 96SS	5.56	6.50	5-9/16	6-1/2	141	165
104	HDL 104SS	6.06	7.00	6-1/16	7	154	178
116	HDL 116SS	6.50	7.75	6-1/2	7-3/4	165	197



5/16" Wide Worm Drive Clamp- SAE Type "M" Mini Series

- Lightweight, low profile, compact design allows ease of installation in restricted spaces
- 5/16" band width provides significant sealing pressure with low installation torque levels

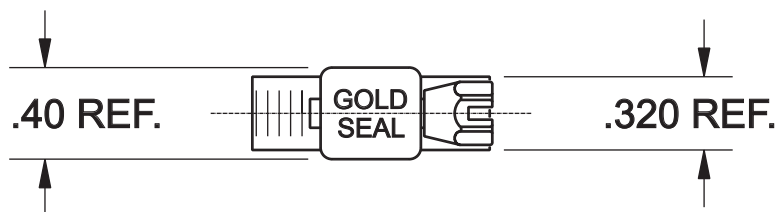
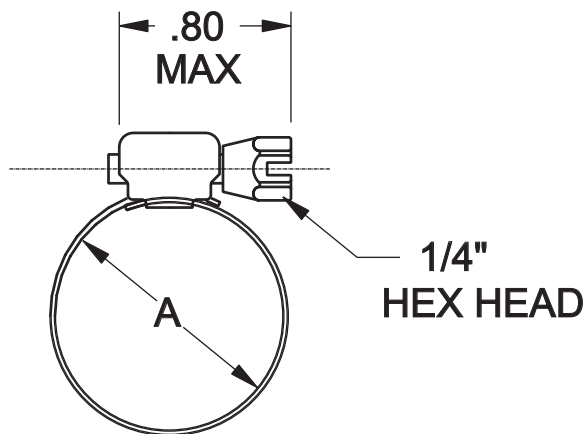
MM Series - 200/100 Series Stainless Steel Mini Worm Drive Clamp

- Band is 200 series SS and housing and screw are 100 series SS
- Ultimate Torque: 20in.lbs.min. (2.3Nm)
- Installation Torque: 12-15in.lbs. (1.4-1.7Nm)

MMSS Series - 200/400 Series Stainless Steel Mini Worm Drive Clamps

- Band and housing are 200/300 series SS and screw is 400 series SS
- Ultimate Torque: 15in.lbs.min. (1.7Nm)
- Installation Torque: 10-12in.lbs. (1.1- 1.4Nm)

MMFSS Series - all 300 series stainless steel band, housing and screw

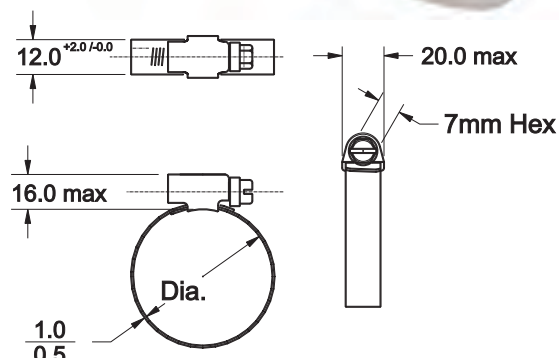
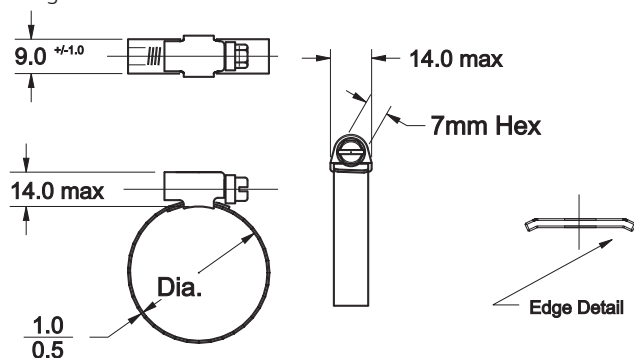


Size Ref.		Part Number			"A" Diameter Range				
No.	"100" Series Stainless Screws	"400" Series Stainless Screws	"300" Series Stainless Screws	Decimals		Inches		Millimeters	
				Min.	Max.	Min.	Max.	Min.	Max.
3	MM 3	MM 3 SS	MMF 3 SS	0.25	0.50	1/4	1/2	6	13
4	MM 4	MM 4 SS	MMF 4 SS	0.25	0.63	1/4	5/8	6	16
6/8	MM 5	MM 5 SS	MMF 5 SS	0.31	0.91	5/16	29/32	8	23
10	MM 10	MM 10 SS	MMF 10 SS	0.56	1.06	9/16	1-1/16	14	27

Available in packed and bulk stock. Other packaging configurations available.
Clamps meet or exceed SAE J1508 Type M.

Embossed Non-Perforated Worm Gear Clamps

- Meets the DIN 3017 standard
- Available in all 304 stainless steel (W4) and 316 stainless steel (W5). Ask your sales representative for W1 and W2 material grades.
- Available in 9mm and 12mm band widths.
- General purpose non perforated band especially suited for most hoses and soft silicone hoses
- Band edges rolled to protect soft hoses from shearing and fraying
- Common applications include: vehicular, industrial, mechanical engineering, plumbing and marine



9mm Wide Embossed Band Clamps

W4 Mat'l Part Number	W5 Mat'l Part Number	Range of Adjust (in mm)	Installation Torque (in lbs.)
EB9x012SS	EBL9x012SS	8-12	25.0
EB9x016SS	EBL9x016SS	10-16	25.0
EB9x018SS	EBL9x018SS	12-18	25.0
EB9x022SS	EBL9x022SS	12-22	40.0
EB9x027SS	EBL9x027SS	16-27	40.0
EB9x032SS	EBL9x032SS	20-32	40.0
EB9x040SS	EBL9x040SS	25-40	40.0
EB9x045SS	EBL9x045SS	30-45	40.0
EB9x050SS	EBL9x050SS	35-50	40.0
EB9x060SS	EBL9x060SS	40-60	40.0
EB9x070SS	EBL9x070SS	50-70	40.0
EB9x080SS	EBL9x080SS	60-80	40.0
EB9x090SS	EBL9x090SS	70-90	40.0
EB9x100SS	EBL9x100SS	80-100	40.0
EB9x110SS	EBL9x110SS	90-110	40.0
EB9x120SS	EBL9x120SS	100-120	40.0
EB9x130SS	EBL9x130SS	110-130	40.0
EB9x140SS	EBL9x140SS	120-140	40.0
EB9x150SS	EBL9x150SS	130-150	40.0
EB9x160SS	EBL9x160SS	140-160	40.0

12mm Wide Embossed Band Clamps

W4 Mat'l Part Number	W5 Mat'l Part Number	Range of Adjust (in mm)	Installation Torque (in lbs.)
EB12x022SS	EBL12x022SS	12-22	60.0
EB12x027SS	EBL12x027SS	16-27	60.0
EB12x032SS	EBL12x032SS	20-32	60.0
EB12x040SS	EBL12x040SS	25-40	60.0
EB12x045SS	EBL12x045SS	30-45	60.0
EB12x050SS	EBL12x050SS	35-50	60.0
EB12x060SS	EBL12x060SS	40-60	60.0
EB12x070SS	EBL12x070SS	50-70	60.0
EB12x080SS	EBL12x080SS	60-80	60.0
EB12x090SS	EBL12x090SS	70-90	60.0
EB12x100SS	EBL12x100SS	80-100	60.0
EB12x110SS	EBL12x110SS	90-110	60.0
EB12x120SS	EBL12x120SS	100-120	60.0
EB12x130SS	EBL12x130SS	110-130	60.0
EB12x140SS	EBL12x140SS	120-140	60.0
EB12x150SS	EBL12x150SS	130-150	60.0
EB12x160SS	EBL12x160SS	140-160	60.0

Rated Ultimate Torque:
Plated/ 400SS screw = 50in.lbs.min (5.6Nm) - 300SS screw = 60in.lbs.min. (6.8Nm)
Recommended Installation Torque:
30-40in.lbs. (3.4-4.5Nm)

Seamless Pinch Clamps (KVGT)

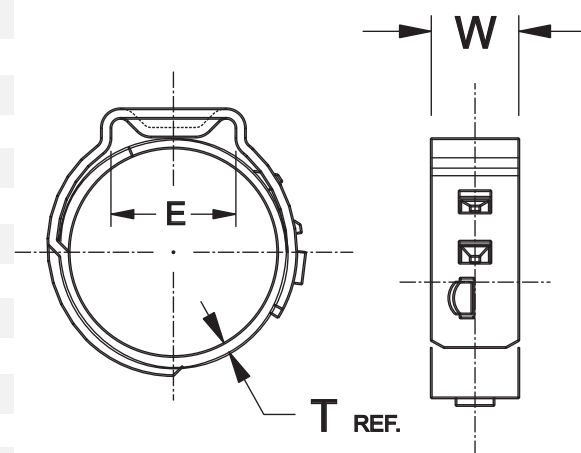
- All 300 series stainless steel pinch clamp with “tongue and groove” design provides 360° seamless fastening
- Seamless tongue and groove design generates uniform compression sealing, making these clamps perfect for Beverage, Automotive, Marine, Heavy Duty Truck, Medical and Motorcycle industries.
- Perfect for poly and braided tubing
- Patented crimp lobes (available in certain sizes) eliminate miscrimps during installation. Please contact your sales representative for more details.



Part Number	Size	Width (W)	Thickness (T)	Ear Width(e) Ref	Open Dia.	Closed Dia.
KVGT 5065	6.5mm	5.0mm	0.5mm	4.0mm	6.5mm	5.3mm
KVGT 5070	7.0mm	5.0mm	0.5mm	4.0mm	7.0mm	5.8mm
KVGT 5080	8.0mm	5.0mm	0.5mm	4.0mm	8.0mm	6.8mm
KVGT 5087	8.7mm	5.0mm	0.5mm	5.5mm	8.7mm	7.0mm
KVGT 5095	9.5mm	5.0mm	0.5mm	5.5mm	9.5mm	7.8mm
KVGT 5100	10.0mm	5.0mm	0.5mm	5.5mm	10.0mm	8.3mm
KVGT 5105	10.5mm	5.0mm	0.5mm	5.5mm	10.5mm	8.8mm
KVGT 5109	10.9mm	5.0mm	0.5mm	5.5mm	10.9mm	9.2mm
KVGT 5113	11.3mm	5.0mm	0.5mm	5.5mm	11.3mm	9.6mm
KVGT 5118	11.8mm	5.0mm	0.5mm	5.5mm	11.8mm	10.1mm
KVGT 7123	12.3mm	5.0mm	0.6mm	8.0mm	12.3mm	9.8mm
KVGT 7128	12.8mm	7.0mm	0.6mm	8.0mm	12.8mm	10.3mm
KVGT 7133	13.3mm	7.0mm	0.6mm	8.0mm	13.3mm	10.8mm
KVGT 7138	13.8mm	7.0mm	0.6mm	8.0mm	13.8mm	11.3mm
KVGT 7140	14.0mm	7.0mm	0.6mm	8.0mm	14.0mm	11.5mm
KVGT 7145	14.5mm	7.0mm	0.6mm	8.0mm	14.5mm	12.0mm
KVGT 7157	15.7mm	7.0mm	0.6mm	8.0mm	15.7mm	13.2mm
KVGT 7162	16.2mm	7.0mm	0.6mm	8.0mm	16.2mm	13.7mm
KVGT 7164	16.4mm	7.0mm	0.6mm	8.0mm	16.4mm	13.9mm
KVGT 7170	17.0mm	7.0mm	0.6mm	8.0mm	17.0mm	14.5mm
KVGT 7185	18.5mm	7.0mm	0.6mm	10.0mm	18.5mm	16.0mm
KVGT 7192	19.2mm	7.0mm	0.6mm	10.0mm	19.2mm	16.0mm
KVGT 7198	19.8mm	7.0mm	0.6mm	10.0mm	19.8mm	16.6mm
KVGT 7210	21.0mm	7.0mm	0.6mm	10.0mm	21.0mm	17.8mm
KVGT 7226	22.6mm	7.0mm	0.6mm	10.0mm	22.6mm	19.4mm
KVGT 7235	23.5mm	7.0mm	0.6mm	10.0mm	23.5mm	20.3mm
KVGT 7241	24.1mm	7.0mm	0.6mm	10.0mm	24.1mm	20.9mm
KVGT 7271	27.1mm	7.0mm	0.6mm	10.0mm	27.1mm	23.9mm
KVGT 7286	28.6mm	7.0mm	0.6mm	10.0mm	28.6mm	25.4mm
KVGT 7308	30.8mm	7.0mm	0.6mm	10.0mm	30.8mm	27.6mm



Many of our Seamless (KVGT) clamps offer our patented crimp lobe technology. This feature ensures that the crimping tool is properly positioned to help eliminate miscrimps which can result in leaks.



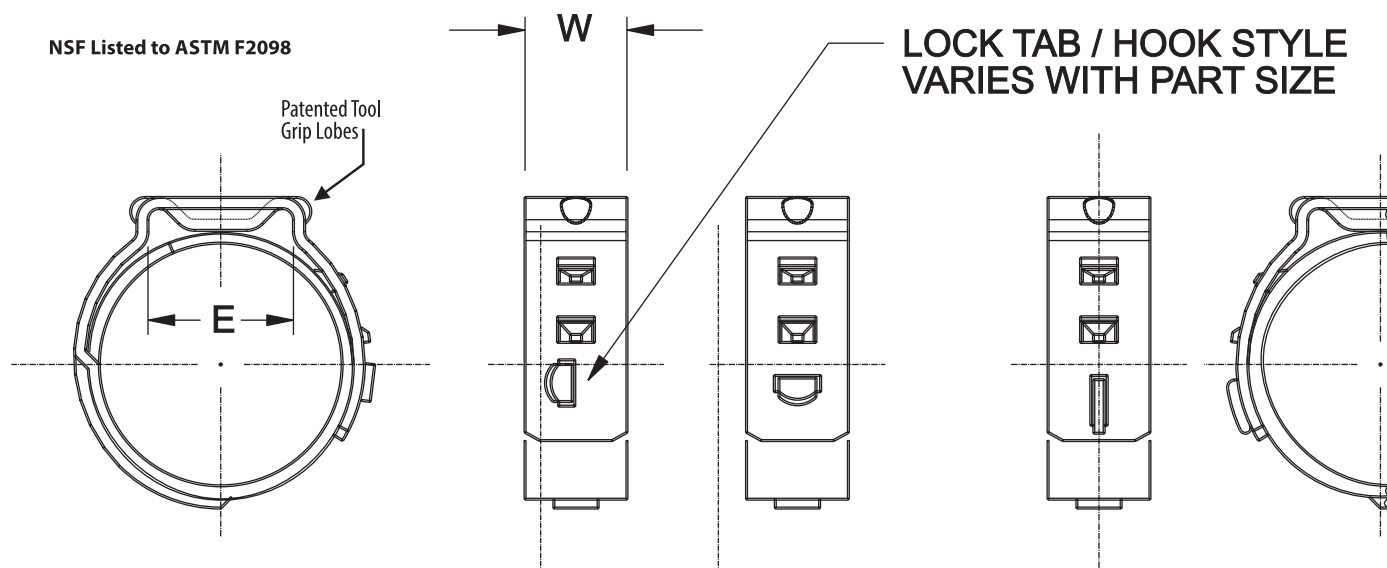
Heavy Duty Seamless PEX Pipe Clamps

for use with DZR Brass F1807 and Plastic F2159 Fittings

- All stainless steel pinch clamp with "tongue and groove" design provides 360° seamless fastening.
- Exceeds ASTM F-2098 requirements
- For use with DZR Brass F1807 and Plastic F2159 fittings
- Patented crimp lobes reduce miscrimps during installation
- Designed primarily for PEX (cross-linked polyethylene), PAP (PEX Aluminum PEX), and PERT (Polyethylene Raised Temperature) but has numerous alternate uses



NSF Listed to ASTM F2098



PEX TUBE SIZE	W	E
3/8	7mm (0.276)	8mm
1/2	7mm (0.276)	10mm
5/8	9mm (0.354)	10 mm
3/4	9mm (0.354)	10mm
1"	10mm (0.394)	10mm



Many of our Seamless (KVGT) clamps offer our patented crimp lobe technology. This feature ensures that the crimping tool is properly positioned to help eliminate miscrimps which can result in leaks.

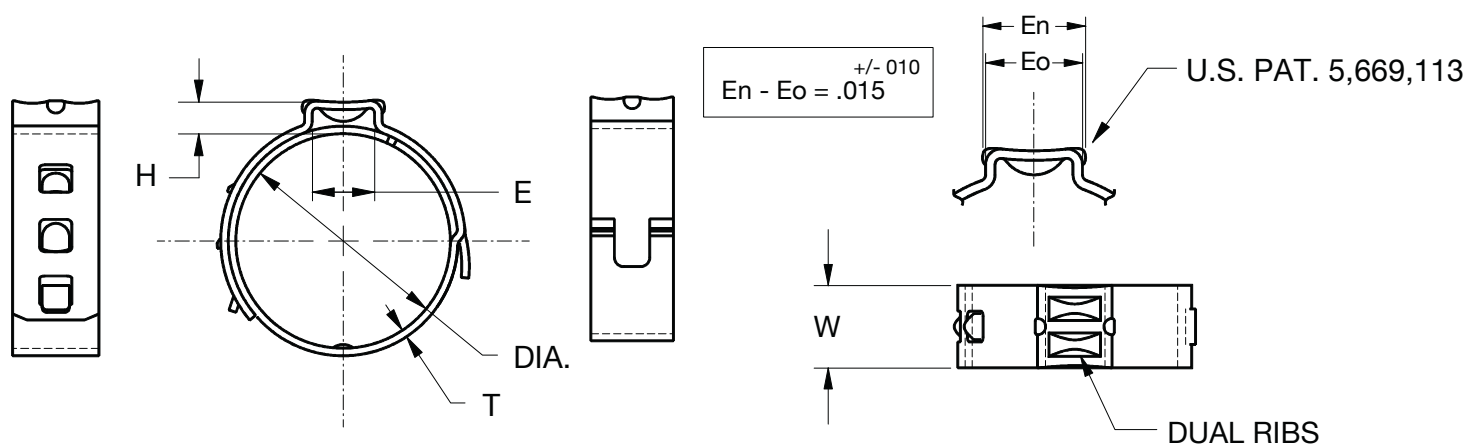
Part Number	PEX Tbe Size	Width (W)	Open Dia.	Closed Dia.	Open Dia. Inches	Closed Dia. Inches
PEX 133	3/8"	7.0mm	13.3mm	10.8mm	0.524	0.424
PEX 175	1/2"	7.0mm	17.5mm	14.3mm	0.689	0.564
PEX 206	5/8"	9.0mm	20.6mm	17.4mm	0.811	0.686
PEX 233	3/4"	9.0mm	23.3mm	20.1mm	0.917	0.791
PEX 296	1"	10.0mm	29.6mm	26.4mm	1.165	1.039

Other sizes available upon request. Available in packed and bulk stock. Other packaging configurations available.

Murray Snug Fit PEX Clamps

for use with DZR Brass F1807 and Plastic F2159 Fittings

- Available in all popular pex plumbing sizes (3/8", 1/2", 3/4", 1")
- Unique design prevents clamp from sliding freely on pipe prior to crimping
- This snug fit design keeps clamp in position allowing two free hands, providing an easier installation with the crimping tool.
- Narrow ear configuration positions crimp tool handles closer together during installation, reducing effort required of the installer
- Patented tool grip lobes in the ear section eliminates mis-crimps
- Dual stiffening ribs in ear section, improve sealing performance
- Only one tool required for all 4 clamp sizes
- Made from 304 stainless steel
- For use with ASTM F876 pex tubing and ASTM F1807 and F2159 insert fittings
- Certified by NSF

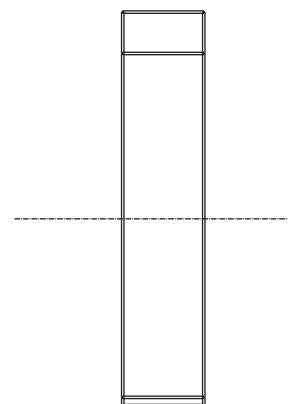
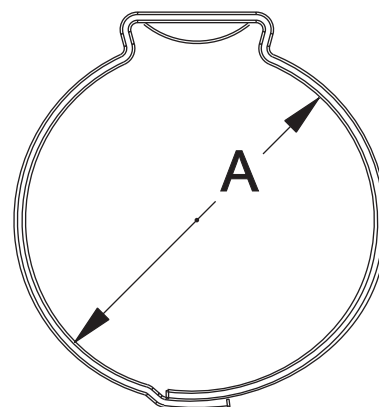
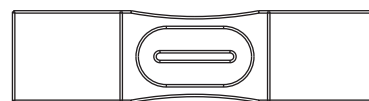


Part Number	PEX Tube Size	Diameter		E	W
		Inch	mm		
PEX288N00C	1"	1.134	28.8	0.315	0.394
PEX224N00C	3/4"	0.880	22.4	0.256	0.354
PEX193N00C	5/8"	0.760	19.3	0.256	0.354
PEX162N00C	1/2"	0.638	16.2	0.256	0.354
PEX130N00C	3/8"	0.512	13.0	0.256	0.315

Other sizes available upon request. Available in packed and bulk stock. Other packaging configurations available.

Pinch Clamp (Welded) –SAE Type “J” KS

- All 300 series stainless steel pinch clamp featuring welded construction for durability
- Used on poly pipe, rigid plastic and soft hose
- Keystone geometry design, in the ear area, greatly reduces miscrimps when crimped with a hand tool
- Most common applications are Poly Irrigation Lines, Water Supply, Fuel & Vapor Lines, Beverage Supply Lines, Car Wash Supply Lines, Dust Shields & Air Filters and Bundles of Cable.



"A" Diameter Range				
Part Number	Metric		Decimals	
	Open	Closed	Open	Closed
KS 3119	11.9	10	0.47	0.395
KS 3133	13.3	11.4	0.525	0.45
KS 3150	15	12.5	0.59	0.49
KS 3157	15.7	13.2	0.62	0.52
KS 3161	16.1	13.6	0.635	0.535
KS 3165	16.5	14	0.65	0.55
KS 3173	17.3	14.7	0.68	0.58
KS 3185	18.5	16	0.73	0.63
KS 3198*	19.8	16.6	0.78	0.655
KS 3210*	21	17.9	0.83	0.705
KS 3222	22.2	19.1	0.875	0.75
KS 3236	23.6	20.5	0.93	0.805
KS 3256*	25.6	22.5	1.01	0.885
KS 3271*	27.1	24	1.07	0.945
KS 3301	30.1	27	1.185	1.06
KS 3316*	31.6	28.5	1.245	1.12
KS 3324	32.4	29.3	1.275	1.155
KS 3331*	33.1	30	1.3	1.18
KS 3346*	34.6	31.5	1.36	1.24
KS 3396	39.6	36.5	1.56	1.44
KS 3410*	41	37.9	1.615	1.49
KS 3425*	42.5	39.4	1.675	1.55
KS 3485*	48.5	45.5	1.91	1.787

*Popular irrigation sizes are available for immediate shipment packaged in poly bags. Please inquire on availability of other packaging configurations and lead time for other sizes. Other sizes, shapes and materials are available upon request, subject to minimum order quantities

Keystone Pinch Clamp (Mechanical)- SAE Type "J" KSC

- All 300 series stainless steel pinch clamp featuring mechanical attachment for easy installation
- Provides a uniform, tamper evident seal
- Used on poly pipe, rigid plastic and soft hose
- Unique Keystone ear geometry and patented crimp lobes eliminates miscrimps during installation
- Most common applications are Poly Irrigation Lines, Water Supply, Fuel & Vapor Lines, Beverage Supply Lines, Car Wash Supply Lines, Dust Shields & Air Filters and Bundles of Cable.

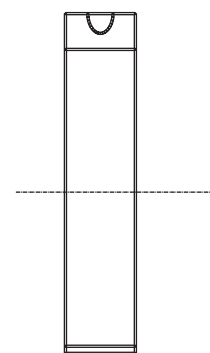
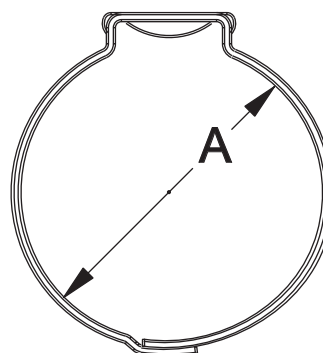
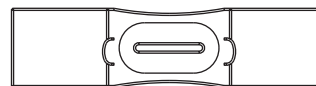


Many of our Seamless (KVGT) clamps offer our patented crimp lobe technology. This feature ensures that the crimping tool is properly positioned to help eliminate miscrimps which can result in leaks.



"A" Diameter Range

Part Number	Metric		Decimals	
	Open	Closed	Open	Closed
KSC 3198*	19.8	16.6	.780	.655
KSC 3210*	21.0	17.9	.830	.705
KSC 3256*	25.6	22.5	1.010	.885
KSC 3271*	27.1	24.0	1.070	.945
KSC 3316*	31.6	28.5	1.245	1.120
KSC 3331*	33.1	30.0	1.300	1.180
KSC 3346*	34.6	31.5	1.360	1.240
KSC 3410*	41.0	37.9	1.615	1.490
KSC 3425*	42.5	39.4	1.675	1.550
KSC 3485*	48.5	45.5	1.910	1.787



*Popular irrigation sizes are available for immediate shipment packaged in poly bags. Please inquire on availability of other packaging configurations and lead time for other sizes. Other sizes, shapes and materials are available upon request, subject to minimum order quantities

Strap-Tight Band and Buckle Strapping System

The Murray Strap-Tight Band and Buckle Strapping system consists of stainless steel strapping, buckles and tool to connect hoses, or to attach signs to posts.

- Strapping and buckle materials available include AISI grades 201, and 304.

Other materials may be available upon request

- Material edge is made without burrs to protect users from injury. The high-quality material will securely tighten without snapping, when properly installed
- Various packaging configurations and coil lengths available upon request
- Applications include: Outdoor and indoor signage, security cameras, petro-chemical plants, thermoelectric power stations, shipyard industry and marine, high pressure rubber type hoses, general industry, railway, aerospace, agricultural machinery, and many others.



Part Numbers - Strap-Tight Bands

AISI 201	AISI 304	Band Width (in)	Thickness (in)
SCB25X201	SCB25X304	1/4"	0.018
SCB37X201	SCB37X304	3/8"	0.021
SCB50X201	SCB50X304	1/2"	0.025
SCB62X201	SCB62X304	5/8"	0.025
SCB75X201	SCB75X304	3/4"	0.027

Standard roll length is 100 ft. Other lengths available upon request. Rolls packaged in individual dispenser cartons, then in a master carton.

Part Numbers - Strap-Tight Buckles

AISI 201	AISI 304	Band Width (in)	Thickness (in)
SCA25X201	SCA25X304	1/4"	0.03
SCA37X201	SCA37X304	3/8"	0.11
SCA50X201	SCA50X304	1/2"	0.22
SCA62X201	SCA62X304	5/8"	0.22
SCA75X201	SCA75X304	3/4"	0.22

Buckles packed 100 pcs per bag.

Installation Tool

Allows for full installation by pulling band through buckle, tightening using this tool, and safely cutting excess banding. Final installation will require a hammer to fold down tabs. Follow installation instructions included with the tool.

Part Number: SCT001



"Flexible Clamp Driver"/Nut Runner A600000C

- Provides easy access for installation or removal in tight spaces and odd angles
- Perfect for working on crowded engine compartments and plumbing repair applications
- Reversible socket works with both standard 5/16" and mini 1/4" hose clamp screws
- 90 degree access
- Non-slip handle
- Hollow 6" flexible shaft
- Nickel plated steel



Murray Clamp Key 90003100P10

- Makes installation quick with a simple twist of the hand
- Easy to remove/ replace and is reusable
- Produces an installation torque of 30-35 in. lbs.
- Compatible with all Murray Clamps that use a 5/16" screw



Pinch Clamp Crimping Tools



A2000 Keystone Crimp Tool
(Short Handle)



A3000 Pneumatic Crimp Tool



A4000 Crimp Tool
For Heavy Duty Seamless Pinch Clamp

Murray Hose Clamp Merchandiser

- Includes six clamp sizes in two options:
 - 1) Stainless Steel band and housing with a Plated Carbon Steel Screw (H900)
 - 2) Stainless Steel band and housing with a 400 Series Stainless Steel Screw (H900SS)
- Free standing or wall mounted; 13" W x 6" D x 22" H
- Complete with display boxes and banner showing clamp sizes

No. Clamps on Merchandiser	H900-Plated Carbon Steel Screw	H900SS-"400" Series Stainless Steel Screw
10	MM 4	MM 4SS
20	H 8	H 8SS
20	H 12	H 12SS
10	H 16	H 16SS
30	H 20	H 20SS
10	H 32	H 32SS

