

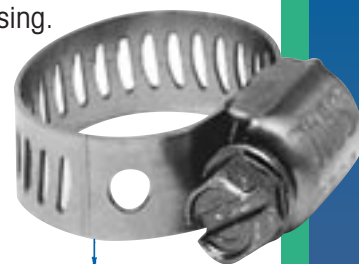
# SAE TYPE "M"

## 5/16" Wide Worm Gear Clamp

Lightweight, low profile, compact design allows ease of installation in restricted applications. The 5/16" band width generates significant sealing pressure with relatively low installation torque levels. 300 Series Stainless Steel Band and Housing.

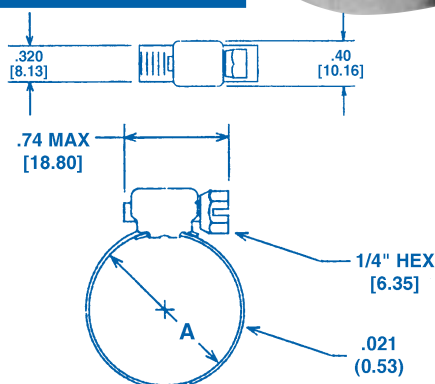
**RATED TORQUES:** w. CARBON/410SS SCREW 20 in.lbs (2.3Nm)  
w. 305SS SCREW 15 in.lbs (1.7Nm)

**INSTALLATION TORQUES:** w. CARBON/410SS SCREW 12-15 in.lbs (1.4-1.7Nm)  
w. 305SS SCREW 10-12 in.lbs (1.1-1.4Nm)



SAE Ref.		Clamp Part No.		“A” Diameter Range					
No.	Double Plated Screws	“400” Series Stainless Screws	ALL “300” Series Stainless	Decimals		Inches		Millimeters	
				Min.	Max.	Min.	Max.	Min.	Max.
4 6/8 10	MM 3	MM 3 SS	MMF 3 SS	.25	.50	1/4	1/2	6	13
	MM 4	MM 4 SS	MMF 4 SS	.25	.63	1/4	5/8	6	16
	MM 5	MM 5 SS	MMF 5 SS	.31	.91	5/16	29/32	8	23
	MM 10	MM 10 SS	MMF 10 SS	.56	1.06	9/16	1-1/16	14	27

OTHER SIZES AVAILABLE UPON REQUEST  
AVAILABLE IN PACKED AND BULK STOCK  
OTHER PACKAGING CONFIGURATIONS AVAILABLE



# SAE TYPE "F" EXTENDED BAND

## 1/2" Wide Worm Gear Clamp

*Designed for Silicone, E.P.D.M. and other soft hose.*

The inner band is an integral extension of the 1/2" wide band clamp to create a smooth inner surface that prevents extrusion of soft hose through the slots. Band and housing are 200/300 series stainless steel with 5/16" slotted hex head shouldered screw.

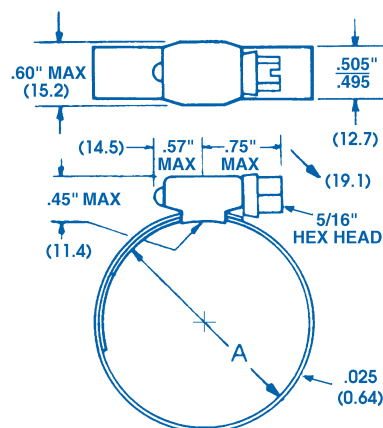
**RATED TORQUES:** w. CARBON STL SCREW 50 in.lbs (5.6Nm)  
w. STAINLESS SCREW 60 in.lbs (6.8 Nm)

**INSTALLATION TORQUES:** 30-40 in.lb (3.4 Nm - 4.5Nm)



Clamp Part No.			“A” Diameter Range					
Double Plated Screws	"400" Series Stainless Screws	All "300" Series Stainless	Decimals		Inches		Millimeters	
			Min.	Max.	Min.	Max.	Min.	Max.
4808	4808 SS	4808 SS 305	.50	.91	1/2	29/32	13	23
4810	4810 SS	4810 SS 305	.63	1.06	5/8	1-1/16	16	27
4812	4812 SS	4812 SS 305	.69	1.25	11/16	1-1/4	18	32
4816	4816 SS	4816 SS 305	.81	1.50	13/16	1-1/2	21	38
4820	4820 SS	4820 SS 305	.94	1.75	15/16	1-3/4	24	45
4824	4824 SS	4824 SS 305	1.06	2.00	1-1/16	2	27	51
4828	4828 SS	4828 SS 305	1.31	2.25	1-5/16	2-1/4	33	57
4832	4832 SS	4832 SS 305	1.56	2.50	1-9/16	2-1/2	40	64
4836	4836 SS	4836 SS 305	1.81	2.75	1-13/16	2-3/4	46	70
4840	4840 SS	4840 SS 305	2.06	3.00	2-1/16	3	52	76
4844	4844 SS	4844 SS 305	2.31	3.25	2-5/16	3-1/4	59	83
4848	4848 SS	4848 SS 305	2.56	3.50	2-9/16	3-1/2	65	89
4852	4852 SS	4852 SS 305	2.81	3.75	2-13/16	3-3/4	71	95
4856	4856 SS	4856 SS 305	3.06	4.00	3-1/16	4	78	102
4860	4860 SS	4860 SS 305	3.31	4.25	3-5/16	4-1/4	84	108
4864	4864 SS	4864 SS 305	3.56	4.50	3-9/16	4-1/2	90	114
4872	4872 SS	4872 SS 305	4.06	5.00	4-1/16	5	103	127

OTHER SIZES AVAILABLE UPON REQUEST  
AVAILABLE IN PACKED AND BULK STOCK  
OTHER PACKAGING CONFIGURATIONS AVAILABLE



Mini - Clamps®

Extended Band Clamps

# Meets or Exceeds SAE J1508

## “H” Series

### With Zinc Plated Carbon Steel Screw

Band and housing are 200/300 series stainless steel. Screw is 5/16" slotted hex head, heat treated carbon steel, double plated for lasting protection. Good general-purpose clamp. (THIS IS THE ONE WITH THE "GOLD SCREW").

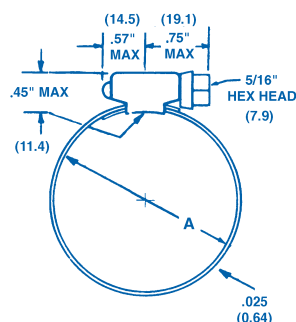
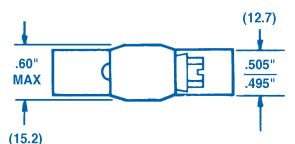
## “H-SS” Series

### With “400” Series Stainless Steel Screw

Band and housing are 200/300 series stainless steel. Screw is 5/16" slotted hex head, heat treated 400 series stainless steel. The high corrosion of this all stainless steel band, housing and screw makes this the preferred clamp for numerous industrial installations.

### Clamp Part No.

Double Plated Screw	“400” Series Stainless Screw	All “300” Series Stainless	All “316” Series Stainless	Thumbscrew “400” Series Stainless Screw	
H 6	H 6 SS	HF 6 SS	HL 6 SS	T 6 SS	
H 8	H 8 SS	HF 8 SS	HL 8 SS	T 8 SS	
H 10	H 10 SS	HF 10 SS	HL 10 SS	T 10 SS	
H 12	H 12 SS	HF 12 SS	HL 12 SS	T 12 SS	
H 16	H 16 SS	HF 16 SS	HL 16 SS	T 16 SS	
H 20	H 20 SS	HF 20 SS	HL 20 SS	T 20 SS	
H 24	H 24 SS	HF 24 SS	HL 24 SS	T 24 SS	
H 28	H 28 SS	HF 28 SS	HL 28 SS	T 28 SS	
H 32	H 32 SS	HF 32 SS	HL 32 SS	T 32 SS	
H 36	H 36 SS	HF 36 SS	HL 36 SS	T 36 SS	
H 40	H 40 SS	HF 40 SS	HL 40 SS	T 40 SS	
H 44	H 44 SS	HF 44 SS	HL 44 SS	T 44 SS	
H 48	H 48 SS	HF 48 SS	HL 48 SS	T 48 SS	
H 52	H 52 SS	HF 52 SS	HL 52 SS	T 52 SS	
H 56	H 56 SS	HF 56 SS	HL 56 SS	T 56 SS	
H 60	H 60 SS	HF 60 SS	HL 60 SS	T 60 SS	
H 64	H 64 SS	HF 64 SS	HL 64 SS	T 64 SS	
H 72	H 72 SS	HF 72 SS	HL 72 SS	T 72 SS	
H 80	H 80 SS	HF 80 SS	HL 80 SS	T 80 SS	
H 88	H 88 SS	HF 88 SS	HL 88 SS	T 88 SS	
H 96	H 96 SS	HF 96 SS	HL 96 SS	T 96 SS	
H 104	H 104 SS	HF 104 SS	HL 104 SS	T 104 SS	
H 116	H 116 SS	HF 116 SS	HL 116 SS	T 116 SS	
H 128	H 128 SS	HF 128 SS	—	T 128 SS	
H 140	H 140 SS	HF 140 SS	—	T 140 SS	
H 152	H 152 SS	HF 152 SS	—	T 152 SS	
H 164	H 164 SS	HF 164 SS	—	T 164 SS	
H 176	H 176 SS	HF 176 SS	—	T 176 SS	
H 188	H 188 SS	HF 188 SS	—	T 188 SS	
H 200	H 200 SS	HF 200 SS	—	T 200 SS	
H 212	H 212 SS	HF 212 SS	—	T 212 SS	
H 224	H 224 SS	HF 224 SS	—	T 224 SS	
H 236	H 236 SS	HF 236 SS	—	T 236 SS	
H 248	H 248 SS	HF 248 SS	—	T 248 SS	



## SAE Type "J"

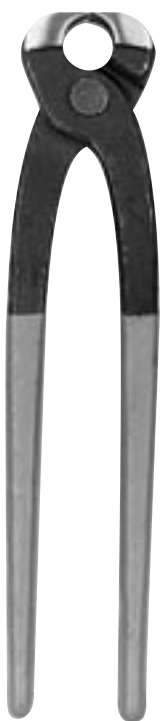
**Murray KEYSTONE® pinch clamps offer superior strength.**

**KEYSTONE clamps are available in 300 series stainless steel.**

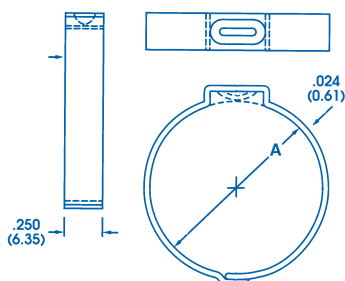
### How to Determine Proper Clamp Size

Measure actual O.D. of hose on fitting, or overall O.D. of items to be clamped together. Select a clamp size whose clamping range includes this O.D.

**KEYSTONE** Pinch Clamps are used in a multitude of irrigation and water supply systems for soft or rigid plastic pipe. You will find Keystone Pinch Clamps anywhere you connect poly pipe. They are also excellent for car wash supply lines; dust shields and air filters; beverage supply lines; securing bundles of cables.

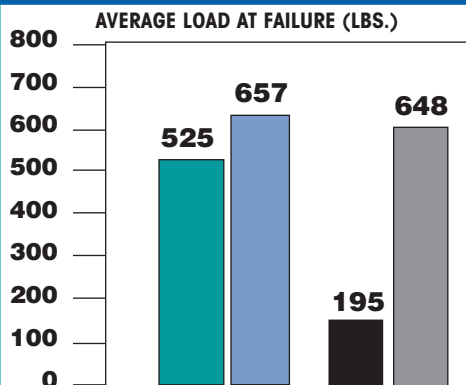


HAND INSTALLATION  
TOOL A2000



**Materials**  
KEYSTONE® Pinch clamps are available in 300 Series stainless. KS3—300 Series Stainless

### MURRAY KEYSTONE PINCH CLAMPS —LOAD TO FAILURE ACROSS WELD/CLINCH & MAT'L



#### MURRAY vs COMPETITION

■ MURRAY WELD ■ MURRAY MAT'L  
■ COMP' CLINCH ■ COMP' MAT'L

### KEYSTONE PINCH CLAMP PACKAGING

All sizes are available bulk packaged in corrugated cartons. Keystone Pinch clamps for irrigation applications are packaged standard in poly bags, in the following counts:

SIZE	PIECES/BAG	PIECES/MASTER CARTON
KS3198	10	1000
KS3198	100	2500
KS3210	10	1000
KS3210	100	2500
KS3256	10	1000
KS3256	250	2500
KS3271	10	1000
KS3271	250	2500
KS3316	10	1000
KS3316	250	2500
KS3331	10	1000
KS3331	250	2500
KS3346	250	2500
KS3410	100	2000
KS3425	100	2000
KS3485	100	2000

Part Number	"A" Range			
	Metric		Decimals	
	Open	Closed	Open	Closed
KS3101	10.1	8.5	.400	.335
KS3108	10.8	9.1	.425	.360
KS3113	11.3	9.7	.445	.380
KS3119	11.9	10.0	.470	.395
KS3128	12.8	10.9	.505	.430
KS3133	13.3	11.4	.525	.450
KS3140	14.0	12.1	.550	.475
KS3150	15.0	12.5	.590	.490
KS3157	15.7	13.2	.620	.520
KS3161	16.1	13.6	.635	.535
KS3165	16.5	14.0	.650	.550
KS3173	17.3	14.7	.680	.580
KS3178	17.8	15.2	.700	.600
KS3185	18.5	16.0	.730	.630
KS3190	19.0	16.5	.750	.650
KS3198*	19.8	16.6	.780	.655
KS3210*	21.0	17.9	.830	.705
KS3222	22.2	19.1	.875	.750
KS3236	23.6	20.5	.930	.805
KS3248	24.8	21.7	.975	.855
KS3256*	25.6	22.5	1.010	.885
KS3260	26.0	22.9	1.025	.900
KS3271*	27.1	24.0	1.070	.945
KS3286	28.6	25.5	1.125	1.005
KS3301	30.1	27.0	1.185	1.060
KS3316*	31.6	28.5	1.245	1.120
KS3324	32.4	29.3	1.275	1.155
KS3331*	33.1	30.0	1.300	1.180
KS3346*	34.6	31.5	1.360	1.240
KS3364	36.4	33.3	1.435	1.310
KS3396	39.6	36.5	1.560	1.440
KS3410*	41.0	37.9	1.615	1.490
KS3425*	42.5	39.4	1.675	1.550
KS3445	44.5	41.4	1.750	1.630
KS3460	46.0	42.9	1.810	1.690
KS3476	47.6	44.5	1.875	1.750
KS3485*	48.5	45.5	1.910	1.787
KS3508	50.8	47.7	2.000	1.880

All sizes are available bulk packaged in corrugated cartons.

\*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.

# NOW! A COMPLETE CLAMP DEPARTMENT IN LESS THAN ONE SQUARE FOOT. IT'S ONLY SIX INCHES DEEP!

*Clamps to fit any hose, pipe or tubing, from 1/4" to 2-1/2" O.D.  
Use for compressing, fastening, clamping, and repairing.*



## GOLD SEAL CLAMPS

CLAMP MERCHANDISER offers choice of clamps in all stainless steel with a carbon steel screw, 400 series stainless screw or 300 series stainless screw.

No. Clamps on Merchandiser	H900—Carbon Screw	H900SS—"400" Series Stainless	HF900SS—"300" Series Stainless
10	MM4	MM4SS	MMF4SS
20	H8	H8SS	HF8SS
20	H12	H12SS	HF12SS
10	H16	H16SS	HF16SS
30	H20	H20SS	HF20SS
10	H32	H32SS	HF32SS

Clamp Merchandiser