

# WORM GEAR CLAMPS

## Zinc Plated & Stainless Steel Worm Screw

### Standard and Custom

Clampco supplies Worm Gear Clamps to customers who prefer to one-stop shop. The Worm Gear Clamps are available in standard SAE sizes and materials. Consult the Worm Gear Clamp charts below for exact sizes and materials. Custom designs are also available. Contact Clampco with your special requests.



#### 90037 and 90009 Series

**Micro Series: Band Width = 0.312 in.**

Screw = 0.25 in. / Band and Housing Material = 300 series stainless steel / Maximum Torque = 20 in.-lbs.

**Standard Series: Band Width = 0.50 in.**

Screw = 0.312 in. / Band and Housing Material = 300 series stainless steel / Maximum Torque = 50 in.-lbs.

### ZINC PLATED WORM SCREW

ENGLISH (inches)				
MICRO BAND NO.	STANDARD BAND NO.	SAE	MINIMUM DIAMETER	MAXIMUM DIAMETER
90037-0062	n/a	04	0.25	0.62
90037-0078	90009-0078	06	0.44	0.78
90037-0091	90009-0091	08	0.50	0.91
call	90009-0106	10	0.56	1.06
call	90009-0125	12	0.69	1.25
call	90009-0150	16	0.81	1.50
call	90009-0175	20	0.81	1.75
call	90009-0200	24	1.06	2.00
call	90009-0225	28	1.31	2.25
call	90009-0250	32	1.56	2.50
call	90009-0275	36	1.81	2.75
call	90009-0300	40	2.06	3.00
call	90009-0325	44	2.31	3.25
call	90009-0350	48	2.56	3.50
call	90009-0375	52	2.81	3.75
call	90009-0400	56	3.06	4.00
call	90009-0425	60	3.31	4.25
call	90009-0450	64	3.56	4.50
call	90009-0500	72	4.06	5.00
call	90009-0550	80	4.62	5.50
call	90009-0600	88	5.12	6.00
call	90009-0650	96	5.56	6.50
call	90009-0700	104	6.18	7.00

Call Clampco for larger sizes.

METRIC (millimeters)		
SAE	MINIMUM DIAMETER	MAXIMUM DIAMETER
04	6	16
06	11	20
08	13	23
10	14	27
12	17	32
16	21	38
20	21	44
24	27	51
28	33	57
32	40	63
36	46	70
40	52	76
44	59	83
48	65	89
52	71	95
56	78	102
60	84	108
64	90	114
72	103	127
80	117	140
88	130	152
96	141	165
104	157	178

#### 90038 and 90016 Series

**Micro Series: Band Width = 0.312 in.**

Screw = 0.25 in. / Band and Housing Material = 300 series stainless steel / Maximum Torque = 20 in.-lbs.

**Standard Series: Band Width = 0.50 in.**

Screw = 0.312 in. / Band and Housing Material = 300 series stainless steel / Maximum Torque = 50 in.-lbs.

### STAINLESS STEEL WORM SCREW

ENGLISH (inches)				
MICRO BAND NO.	STANDARD BAND NO.	SAE	MINIMUM DIAMETER	MAXIMUM DIAMETER
90038-0062	n/a	04	0.25	0.62
90038-0078	90016-0078	06	0.44	0.78
90038-0091	90016-0091	08	0.50	0.91
call	90016-0106	10	0.56	1.06
call	90016-0125	12	0.69	1.25
call	90016-0150	16	0.81	1.50
call	90016-0175	20	0.81	1.75
call	90016-0200	24	1.06	2.00
call	90016-0225	28	1.31	2.25
call	90016-0250	32	1.56	2.50
call	90016-0275	36	1.81	2.75
call	90016-0300	40	2.06	3.00
call	90016-0325	44	2.31	3.25
call	90016-0350	48	2.56	3.50
call	90016-0375	52	2.81	3.75
call	90016-0400	56	3.06	4.00
call	90016-0425	60	3.31	4.25
call	90016-0450	64	3.56	4.50
call	90016-0500	72	4.06	5.00
call	90016-0550	80	4.62	5.50
call	90016-0600	88	5.12	6.00
call	90016-0650	96	5.56	6.50
call	90016-0700	104	6.18	7.00

Call Clampco for larger sizes.

METRIC (millimeters)		
SAE	MINIMUM DIAMETER	MAXIMUM DIAMETER
04	6	16
06	11	20
08	13	23
10	14	27
12	17	32
16	21	38
20	21	44
24	27	51
28	33	57
32	40	63
36	46	70
40	52	76
44	59	83
48	65	89
52	71	95
56	78	102
60	84	108
64	90	114
72	103	127
80	117	140
88	130	152
96	141	165
104	157	178

## CLAMPSCO



### Custom Order

Clampco can accommodate special requests for notched band designs. Limited or extended slot options are available for non-standard adjustment ranges. Alternate materials are also an option.



### Custom Order

We can also manufacture V-Band Couplings with Worm Gear Clamps as the outer bands. This style is commonly used on dairy processing equipment, irrigation systems, and agricultural equipment.

We Customize. Call Today.

# CUSTOM