



## Vertical, Horizontal and Compact Toggle Clamps

Feature corrosion-resistant stainless steel rivets and molded grips for safety. Can be used on a variety of fixtures for applications where hold-down action can replace fasteners. Models with Toggle Lock Plus release lever prevent accidental opening due to vibration.

**Vertical Handle**—Some models feature 2 to 3 times the holding force with fewer pinch points for safety and durability. Flat cushion neoprene spindle.

**Horizontal Handle**—Provide a low profile for applications where minimum vertical height is required.

**Compact Horizontal Handle**—Low-silhouette hold-down clamp features a handle that can be operated from either side or from behind.

Holding Cap. (lb.)	Clamp Arm Opening Angle	Thread Size	Overall H (in.)	Overall L (in.)	Height Under Arm (in.)	Base Mounting Centers (in.)	Item No.
<b>Vertical Handle Hold Down</b>							
<b>Open Arm</b>							
600	75°	M6	4.72 in	3.29 in	0.95 in	0.50 x 1.06	3CXV4
	75°	M6	4.72 in	4.27 in	0.95 in	0.50 x 1.06	3CXX6 †
	76°	M8	7.17 in	4.82 in	1.25 in	0.75 x 1.25	3CXV5
1000	76°	M8	7.17 in	6.6 in	1.25 in	0.75 x 1.25	3CXX7 †
	78°	M10	9.08 in	6.09 in	1.7 in	1.25 x 1.78	3CXV6
1400	78°	M10	9.08 in	7.51 in	1.7 in	1.25 x 1.78	3CXX8 †
<b>U-Shaped Arm</b>							
100	100°	M5	3.08 in	2.04 in	0.63 in	0.63 x 0.94	3CXV9
125	100°	10-32	3.08 in	2.04 in	0.63 in	0.63 x 0.94	3CXX2 * †
200	105°	M6	4.31 in	2.07 in	0.93 in	0.50 x 1.06	3CXV3
	105°	M6	4.31 in	2.73 in	0.93 in	0.50 x 1.06	3CXW2
250	105°	¼ - 20	4.31 in	2.73 in	0.93 in	0.50 x 1.06	3CXX3 * †
375	99°	M8	6.93 in	3.72 in	1.25 in	0.75 x 1.25	3CXW5
	99°	M8	6.93 in	5.41 in	1.25 in	0.75 x 1.25	3CXW6
	99°	M8	6.93 in	4.58 in	1.25 in	0.75 x 1.25	3CXX9 †
450	99°	M8	5.63 in	4.44 in	1.25 in	0.75 x 1.25	3CXX4 * †
500	99°	Solid	6.93 in	3.79 in	1.25 in	0.75 x 1.25	3CXW4
600	103°	M10	8.19 in	5.54 in	1.67 in	1.26 x 1.77	3CXW8
	103°	M10	8.19 in	6.7 in	1.67 in	1.25 x 1.78	3CXV1 †
750	103°	Solid	8.19 in	5.51 in	1.67 in	1.25 x 1.77	3CXW7
	103°	¾ - 16	8.19 in	5.51 in	1.67 in	1.25 x 1.77	3CXW9 * †
1000	120°	M12	8.86 in	6.84 in	1.98 in	1.26 x 1.77	3CXW9
1200	140°	M16	11.97 in	8.87 in	3.08 in	2.00 x 2.75	3CXX1
<b>Horizontal Handle Hold Down</b>							
<b>U-Shaped Arm</b>							
60	94°	M4	0.67 in	2.85 in	0.36 in	0.62 x 0.62	3CXA3
75	90°	M4	0.67 in	2.71 in	0.3 in	0.62 x 0.62	3CXA4
	90°	8-32	0.67 in	2.71 in	0.3 in	0.62 x 0.62	3CXC3 *
100	90°	8-32	1.06 in	2.74 in	0.44 in	0.63 x 0.63	3CXC4 *
	90°	M5	1.39 in	4.05 in	0.74 in	0.53 x 0.75	3CXX5
150	90°	10-32	1.39 in	4.05 in	0.74 in	0.53 x 0.75	3CXC5 *
	87°	M6	1.53 in	5.48 in	1.0 in	1.00 x 0.88	3CXA6
200	91°	M6	1.95 in	6.58 in	0.92 in	1.03 x 1.12	3CXA7
	87°	¼	1.53 in	5.48 in	1.0 in	1.00 x 0.88	3CXC6 *
250	91°	¼	1.95 in	6.58 in	0.92 in	1.03 x 1.12	3CXC7 *
	71°	M5	1.3 in	5.87 in	0.75 in	0.53 x 0.70	3CXD1 †
295	71°	M5	1.3 in	5.87 in	0.75 in	0.53 x 0.70	3CXV7
	92°	M8	1.84 in	6.91 in	1.31 in	1.00 x 0.87	3CXA8
500	91°	M8	2.4 in	7.48 in	1.25 in	1.02 x 1.24	3CXA9
	92°	M8	1.89 in	7.09 in	1.29 in	1.00 x 0.88	3CXD5 †
560	73°	M6	1.95 in	8.65 in	0.98 in	1.03 x 1.21	3CXD2 †
	73°	M6	1.95 in	8.65 in	0.98 in	1.03 x 1.21	3CXV8
600	92°	¾	1.84 in	6.91 in	1.31 in	1.00 x 0.88	3CXC8 *
	91°	¾	2.4 in	7.48 in	1.25 in	1.02 x 1.24	3CXC9 *
750	92°	M10	2.56 in	10.7 in	1.75 in	1.63 x 1.63	3CXC1
	93°	M10	3.18 in	11.02 in	1.67 in	1.61 x 1.69	3CXC2
840	92°	M10	2.56 in	10.5 in	1.7 in	1.63 x 1.63	3CXD6 †
	68°	M8	2.25 in	9.88 in	1.32 in	1.03 x 1.21	3CXD3 †
	68°	M8	2.25 in	9.88 in	1.32 in	1.03 x 1.21	3CXW1
<b>Compact Horizontal Handle Hold Down</b>							
<b>U-Shaped Arm</b>							
150	90°	M5	1.43 in	2.21 in	0.48 in	0.53 x 0.63	3CWX4
200	90°	M5	1.43 in	2.21 in	0.48 in	0.53 x 0.63	3CWY1 †
	90°	M5	1.43 in	2.21 in	0.48 in	0.53 x 0.63	3CWY2 *
350	92°	M8	2.36 in	3.61 in	0.89 in	0.91 x 1.14	3CWX5
	92°	M8	2.36 in	3.61 in	0.89 in	0.91 x 1.14	3CWY2 †
750	90°	¾-16	3.53 in	5.19 in	1.31 in	1.38 x 1.50	3CWX8 *
	90°	¾-16	3.53 in	5.19 in	1.31 in	1.38 x 1.50	3CWY3 †
	90°	¾-16	3.53 in	5.19 in	1.31 in	1.38 x 1.50	3CWX9 *

\* Stainless Steel. † With Toggle Lock Plus release lever. ‡ Does not have neoprene spindle.



## Straight Line-Action Clamps

■ All clamps are made of steel (except where indicated)

Replace fasteners for secure holding of parts on fixtures. Threaded plunger. All models lock in both extended and retracted positions to provide holding force in "pull" or "push" directions. Models with release lever prevent accidental opening due to vibration.

Holding Cap. (lb.)	Plunger Dia. (in.)	Plunger Travel (in.)	Thread Size	Overall H (in.)	Overall L (in.)	Height Under Arm (in.)	Base Mounting Centers (in.)	Item No.
<b>Base Mounted</b>								
100	0.25	0.63	#8-32	1.27	2.61	0.50	0.63 x 0.63	3CXR8 ‡
300	0.44	1.25	¾ in	3.17	5.46	0.97	1.38 x 1.63	3CXR5
560	0.39	0.70	M6	1.59	2.96	0.50	0.87 x 1.75	3CXR7 **
600	0.44	1.25	¾ in	3.43	4.77	0.97	1.44 x 1.31	3CXU4 †
840	0.47	1.25	¾ in	3.43	4.77	0.97	1.44 x 1.31	3CXU3 *
2500	0.62	2.00	¾ in	3.05	7.06	0.81	1.63 x 3.00	3CXU5 †
16000	0.99	3.00	¾ in	4.84	11.16	2.25	2.75 x 2.25	3CXR6
—	0.51	—	¾ in	—	6.02	—	—	3CXR4
	0.62	—	¾ in	4.04	—	—	—	3CXT2
	0.87	—	½ in	—	—	—	—	3CXT5
	—	—	¾ in	—	4.77	—	—	3CXR9
<b>Through-Hole Mounted</b>								
200	0.39	0.75	¼ in	3.13	2.62	—	—	3CXT9 *
400	0.44	1.50	¾ in	4.16	4.95	—	—	3CXU1 *
700	0.62	2.63	¾ in	5.60	6.68	—	—	3CXT8
	0.62	2.63	¾ in	5.60	6.68	—	—	3CXU2 *
—	—	—	¼ in	3.13	2.62	—	—	3CXT6
	—	—	¾ in	4.16	4.95	—	—	3CXT7

\* Stainless steel. † With release lever. ‡ Thumb handle. \*\* T-Handle.