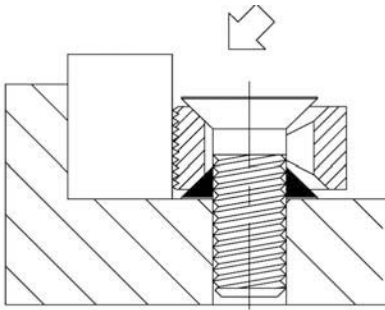
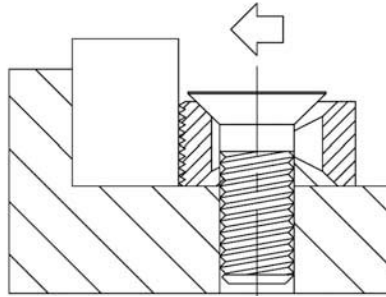


TINY VISE® EDGE CLAMPS



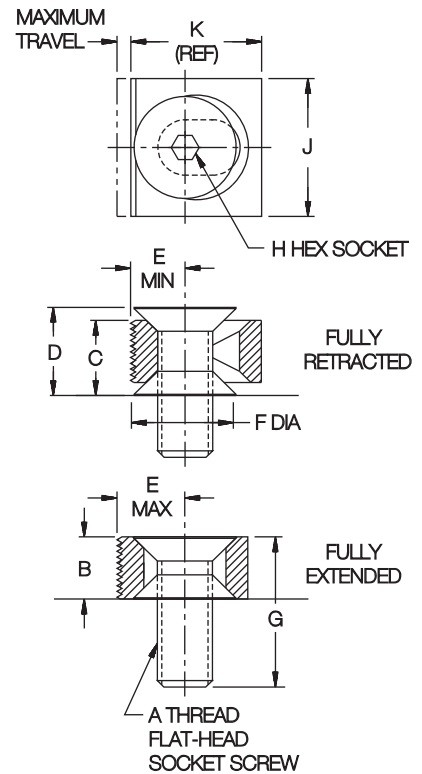
Setup for Downthrust Force
(with Bottom Thrust Washer)

All clamps are supplied with an optional Bottom Thrust Washer (shown in black). Installing this washer under the clamp will raise the clamp slightly and provide downthrust force during clamping.



Setup for Horizontal Force
(without Bottom Thrust Washer)

If no downthrust force is required, install the clamp without the Bottom Thrust Washer. Doing so will improve clamping speed because fewer screw turns are required.



FLAT JAW (INCH) SETUP FOR DOWNTHRUST FORCE

PART NO.	A	B	C	D	E			F DIA	G	H	J	K	MAX TRAVEL	RECOMMENDED TORQUE (FT-LBS)*	APPROX. HORIZONTAL CLAMPING FORCE AT RECOMMENDED TORQUE (LBS)*
					MIN	MID RANGE	MAX								
CL-2-TV	#8-32	.250	.319	.382	.175	.205	.235	.335	5/8	3/32	9/16	.470	.060	.20	60
CL-3-TV	#10-32	.312	.390	.459	.208	.242	.274	.390	3/4	1/8	5/8	.550	.066	.25	75
CL-4-TV	1/4-20	.375	.467	.552	.280	.320	.360	.510	7/8	5/32	7/8	.720	.080	.50	130
CL-5-TV	5/16-18	.438	.550	.652	.338	.386	.434	.640	1	3/16	1	.870	.096	1.2	240
CL-6-TV	3/8-16	.500	.627	.746	.390	.445	.500	.742	1-1/8	7/32	1-1/8	1.000	.110	2.3	370
CL-8-TV	1/2-13	.562	.702	.833	.474	.534	.594	.897	1-3/8	5/16	1-1/4	1.187	.120	6.6	800
CL-10-TV	5/8-11	.750	.901	1.039	.620	.685	.750	1.148	1-5/8	3/8	1-5/8	1.500	.130	12	1,200
CL-12-TV	3/4-10	.875	1.059	1.234	.740	.820	.900	1.394	2	1/2	2	1.800	.160	23	1,800
CL-16-TV	1"-8	1.125	1.355	1.573	.988	1.088	1.188	1.890	2-1/2	5/8	2-1/2	2.375	.200	42	2,500

FLAT JAW (INCH) SETUP FOR HORIZONTAL FORCE

CL-2-TV	#8-32	.250	.250	.313	.175	.205	.235	.335	5/8	3/32	9/16	.470	.060	.40	60
CL-3-TV	#10-32	.312	.312	.381	.208	.242	.274	.390	3/4	1/8	5/8	.550	.066	.50	75
CL-4-TV	1/4-20	.375	.375	.460	.280	.320	.360	.510	7/8	5/32	7/8	.720	.080	1.0	130
CL-5-TV	5/16-18	.438	.438	.540	.338	.386	.434	.640	1	3/16	1	.870	.096	2.4	240
CL-6-TV	3/8-16	.500	.500	.619	.390	.445	.500	.742	1-1/8	7/32	1-1/8	1.000	.110	4.6	370
CL-8-TV	1/2-13	.562	.652	.693	.474	.534	.594	.897	1-3/8	5/16	1-1/4	1.187	.120	13	800
CL-10-TV	5/8-11	.750	.750	.888	.620	.685	.750	1.148	1-5/8	3/8	1-5/8	1.500	.130	24	1,200
CL-12-TV	3/4-10	.875	.875	1.050	.740	.820	.900	1.394	2	1/2	2	1.800	.160	46	1,800
CL-16-TV	1"-8	1.125	1.125	1.343	.988	1.088	1.188	1.890	2-1/2	5/8	2-1/2	2.375	.200	84	2,500

*Recommended torque and clamping force are at 1/3 of yield strength, leaving 2/3 of holding capacity to resist external cutting forces, etc.