TINY VISE® EDGE CLAMPS

BODY: 1018 STEEL, CASE HARDENED, BLACK OXIDE FINISH
THRUST WASHER: 1144 STEEL, HEAT TREATED, BLACK OXIDE FINISH
FLAT-HEAD SOCKET SCREW: STEEL, BLACK OXIDE FINISH

Low Profile
(Reversible — Serrated or Smooth Jaw)

Low-Profile Version!

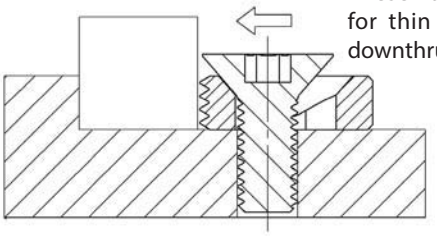
Low-profile Tiny Vise® clamps are ideal for thin workpieces, and whenever downthrust action is not required. These mini edge clamps securely grip the side of a workpiece to keep the top clear for machining. Patented design features a slotted countersink to provide strong, reliable clamping force with the easy turn of a hex wrench. These compact clamps are ideal for fixturing multiple parts, small or large. Each clamp has both a serrated face (for maximum gripping) and a smooth face (to avoid marring finished parts). These clamps look so simple, but work amazingly well, with major advantages over earlier designs. **Patent no. 5,624,106.** Made in USA.

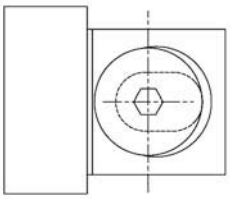
Clamping force is applied by positive screw action with the easy turn of a hex wrench (not with an unreliable, unsafe eccentric cam as used in other designs). A high-strength Flat-Head Socket Screw engages a mating slotted countersink to exert strong clamping force. Much more durable than other designs.

Available in a wide range of sizes, from a miniature #8-32 thread size, up to a powerful 1"-8 thread size with 2500 lbs clamping force. Tiny Vise® clamps are designed to provide strong clamping force when tightened by hand. Do not exceed the recommended tightening torque.

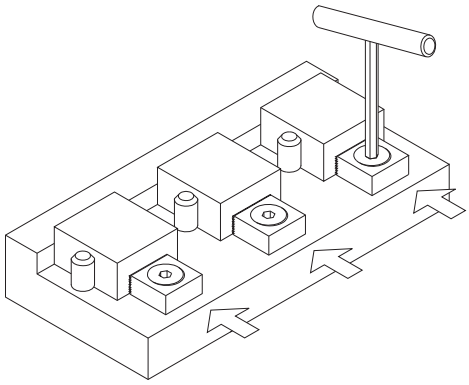
Compare the amazing low-profile Tiny Vise® clamp (right) with our standard Tiny Vise® clamp (left).

These low-profile clamps are ideal for thin workpieces, and whenever downthrust action is not required.

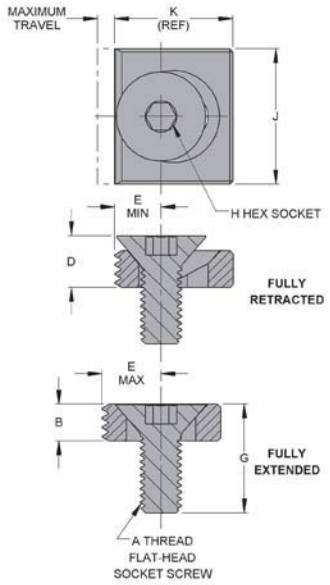




Patented design features a slotted countersink.



Clamping force is applied by positive screw action with the easy turn of a hex wrench.



LOW PROFILE (INCH)

PART NO.	A	B	D	E MIN	E MID RANGE	E MAX	G	H	J	K	MAX TRAVEL	RECOMMENDED TORQUE (FT-LBS)*	APPROX. HORIZONTAL CLAMPING FORCE AT RECOMMENDED TORQUE (LBS)*
CL-2-TVLP	#8-32	.150	.213	.175	.205	.235	1/2	3/32	9/16	.470	.060	.40	60
CL-3-TVLP	#10-32	.200	.269	.208	.242	.274	5/8	1/8	5/8	.550	.066	.50	75
CL-4-TVLP	1/4-20	.225	.310	.280	.320	.360	3/4	5/32	7/8	.720	.080	1.0	130
CL-5-TVLP	5/16-18	.250	.352	.338	.386	.434	7/8	3/16	1	.870	.096	2.4	240
CL-6-TVLP	3/8-16	.300	.419	.390	.445	.500	1	7/32	1-1/8	1.000	.110	4.6	370
CL-8-TVLP	1/2-13	.325	.456	.474	.534	.594	1-1/4	5/16	1-1/4	1.187	.120	13	800
CL-10-TVLP	5/8-11	.425	.563	.620	.685	.750	1-1/2	3/8	1-5/8	1.500	.130	24	1,200
CL-12-TVLP	3/4-10	.500	.675	.740	.820	.900	1-3/4	1/2	2	1.800	.160	46	1,800
CL-16-TVLP	1"-8	.750	.968	.988	1.088	1.188	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.