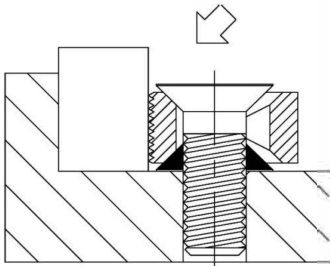
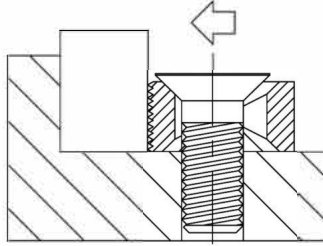


TINY VISE® EDGE CLAMPS



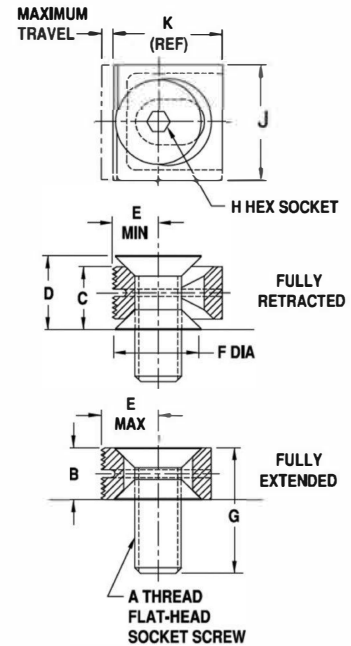
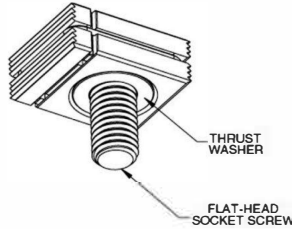
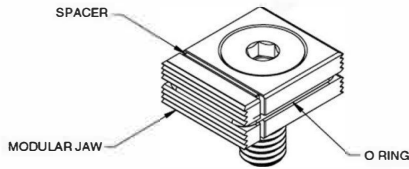
**Setup for
Downthrust Force**
(with Bottom Thrust Washer)

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.



MODULAR JAW (INCH)

SETUP FOR DOWNTHRUST FORCE

PART NO.	JAW TYPE	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-5-TVM	Serrated	5/16-18	.438	.550	.652	.338	.386	.434	.640	1	3/16	1	.870	.096	1.2	240
CL-5-TVMS	Smooth															
CL-5-TVMN	Smooth (Delrin®)															
CL-5-TVMC	Carbide Abrasive															
CL-8-TVM	Serrated	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-8-TVMS	Smooth															
CL-8-TVMN	Smooth (Delrin®)															
CL-8-TVMC	Carbide Abrasive															

MODULAR JAW (INCH)

SETUP FOR HORIZONTAL FORCE

CL-5-TVM	Serrated	5/16-18	.438	.438	.540	.338	.386	.434	.640	1	3/16	1	.870	.096	2.4	240
CL-5-TVMS	Smooth															
CL-5-TVMN	Smooth (Delrin®)															
CL-5-TVMC	Carbide Abrasive															
CL-8-TVM	Serrated	1/2-13	.562	.652	.693	.474	.534	.594	.897	1-3/8	5/16	1-1/4	1.187	.120	13	800
CL-8-TVMS	Smooth															
CL-8-TVMN	Smooth (Delrin®)															
CL-8-TVMC	Carbide Abrasive															

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

SPARE PARTS

COMPLETE CLAMP PART NO.	MODULAR JAW				SPACER	O RING	THRUST WASHER	FLAT-HEAD SOCKET SCREW
	SERRATED	SMOOTH	SMOOTH (DELIN®)	CARBIDE ABRASIVE				
CL-5-TVM	5-TVM-JAW-ASSY	5-TVMS-JAW-ASSY	5-TVMN-JAW-ASSY	5-TVMC-JAW-ASSY	5-TVM-SPAC	5-TVM-ORING	CL-5-TV-WASH	CL-5/16-18X1.00-FHSS
CL-8-TVM	8-TVM-JAW-ASSY	8-TVMS-JAW-ASSY	8-TVMN-JAW-ASSY	8-TVMC-JAW-ASSY	8-TVM-SPAC	8-TVM-ORING	CL-8-TV-WASH	CL-1/2-13X1.38-FHSS