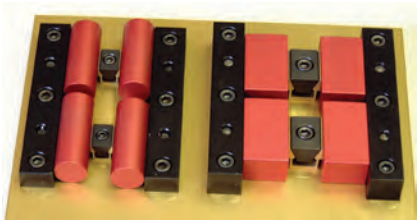
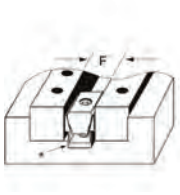
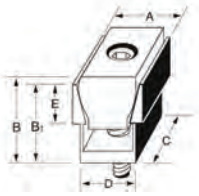
Uniforce Clamps

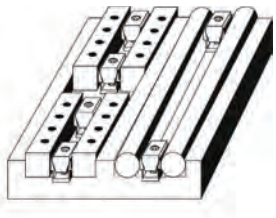
The Mitee-Bite Uniforce Clamp, a compact, economical workholding device enables you to fixture more parts on the machine table. This simple efficient wedge design provides equilateral clamping force on both sides of the aluminum channel to hold two parts with one clamping action.

Visit www.miteebite.com for the "Mitee-Bite Challenge" and more product detail.









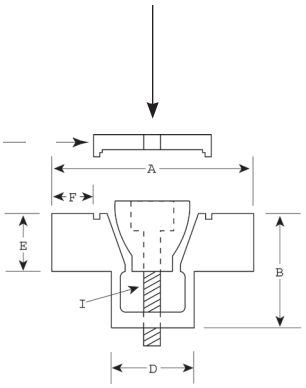
Part No.	Model	A	B	B1	C	*D	E	*F	Thread Size	Maximum Spread	Max Torque (ft/lbs)	Holding Force (lbs)	Clamps Per Pack	Key Size	Code No.	Price $ Per Pack
Inch																
60250	250	0.240	0.270	0.250	0.320	0.210	0.140	0.250	2-56	0.260	0.5	200	6	5/64	604037	**108.76**
60375	375	0.360	0.380	0.375	0.470	0.310	0.185	0.375	4-40	0.390	1.1	310	6	3/32	604038	**108.76**
60500	500	0.485	0.580	0.500	0.625	0.410	0.220	0.500	8-32	0.530	2.5	500	8	9/64	604039	**108.76**
60750	750	0.735	0.770	0.750	0.940	0.635	0.375	0.750	1/4-20	0.785	10.8	1,500	6	3/16	604040	**110.74**
61000	1000	0.980	1.020	1.000	1.250	0.820	0.500	1.000	5/16-18	1.050	10.4	2,000	4	1/4	604041	**108.76**
61500	1500	1.470	1.520	1.500	1.875	1.215	0.750	1.500	1/2-13	1.560	28.3	3,500	2	3/8	604042	**181.13**
62000	2000	1.960	2.030	2.000	2.500	1.625	1.000	2.000	5/8-11	2.080	55.0	6,000	2	1/2	604043	**274.63**

***D -** A milled slot wider than D dimension will insure the clamp remains in line with workpiece. Clamp sides should not come in contact with slot walls during expansion.
***F -** The distance needed between workpieces for clamp clearance. Drill and tap mounting hole on the center of F dimension.
Metric also available, call for more information.

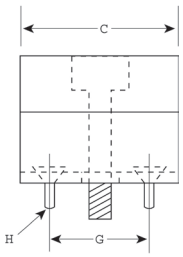
Machinable Uniforce Clamps

Now you can hold those round and unusual shape parts with ease. This compact method of workholding will allow more parts per load at a lower price than vise soft jaws.
The compact Mitee-Bite Uniforce Clamp is available with extra material on the clamping jaws so it can be machined to conform to the shape of your workpiece. The specially designed steel wedge spreads the clamping force uniformly on both sides of the 7075-T6 aluminum channel. A unique locking plate is provided to make the clamp rigid while machining the jaws to your specifications, without vibration.

Locking plate is used only to machine jaws, remove to clamp workpiece



When clamp is used to hold flat stock, use locking plate to machine faces parallel



Model	Part No.	Description	*A	B	C	D	E	*F	G	*H	I	Max Torque (ft/lbs)	Holding Force (lbs)	Code No.	Price $
Inch															
500	60050	With Locking Plate	1.125	0.50	0.62	0.420	0.25	0.18	0.400	2-56	8-32	2.5	500	604058	**36.89**
750	60075	With Locking Plate	1.500	0.75	0.94	0.632	0.37	0.26	0.625	6-32	1/4-20	10.8	1,500	604060	**39.03**
1000	60100	With Locking Plate	2.000	1.00	1.25	0.820	0.50	0.39	0.812	6-32	5/16-18	10.4	2,000	604062	**53.89**
1500	60150	With Locking Plate	3.000	1.50	1.87	1.215	0.75	0.62	1.200	10-32	1/2-13	28.3	3,500	604064	**149.36**
2000	60200	With Locking Plate	4.000	2.00	2.50	1.625	1.00	0.80	1.625	1/4-20	5/8-11	55.0	6,000	604066	**244.75**

***A -** The distance needed between workpieces for clamp clearance, drill and tap mounting holes on the center of "A" dimension.
***F -** The amount of machinable stock on the jaws.
***H -** Mounting screws included.
Metric also available, call for more information.