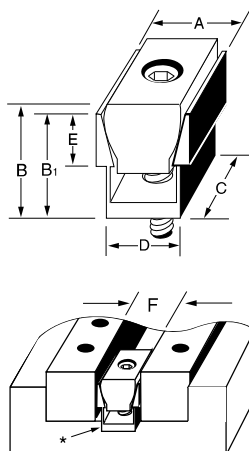


Uniforce® Clamps



The compact, economical MITEE-BITE Uniforce® Clamp enables you to fixture more parts on the machine table. The specially designed steel wedge spreads the clamping force uniformly on both sides of the 7075-T6 aluminum channel and is one of the best solutions for high density applications.



- ▶ Increases production
- ▶ Minimizes tool changes
- ▶ Holds two parts with equilateral clamping action
- ▶ Ideal for clamping flat or round workpieces
- ▶ Reduces wasted space
- ▶ See Locating Rails on page 40
- ▶ Easily mated to hydraulic pull cylinders
- ▶ Ideal for pallet changers

Part Number	Model	A	B	B1	C	D*	E	F†	Thread Size	Maximum Spread	Max. Torque (Ft/Lbs)	Holding Force (Lbs)	Number of Clamps Per Pack	Key Size	-Replacement- Channel	Steel Wedge	
												(N.m.)	(N.)				
INCH																	
60250	250	.240	.27	.250	.320	.210	.140	.250	2 - 56	.260	.5	200	6	5/64	60205	60305	
60375	375	.360	.38	.375	.470	.310	.185	.375	4 - 40	.390	1.1	310	6	3/32	60207	60307	
60500	500	.485	.58	.500	.625	.410	.220	.500	8 - 32	.530	2.5	500	8	9/64	60210	60310	
60750	750	.735	.77	.750	.940	.635	.375	.750	1/4 - 20	.785	10.0	1,500	6	3/16	60220	60320	
61000	1000	.980	1.02	1.000	1.250	.820	.500	1.000	5/16-18	1.050	19.0	2,500	4	1/4	60230	60330	
61500	1500	1.470	1.52	1.500	1.875	1.215	.750	1.500	1/2 - 13	1.560	28.3	3,500	2	3/8	60240	60340	
62000	2000	1.960	2.03	2.000	2.500	1.625	1.000	2.000	5/8 - 11	2.080	55.0	6,000	2	1/2	60245	60350	
												(N.m.)	(N.)				
METRIC																	
80250	250	6.1	6.9	6.40	8.1	5.3	3.6	6.4	M2	6.7	0.70	880	6	1.5	60205	60305	
80375	375	9.1	9.7	9.50	11.9	7.9	4.7	9.5	M2.5	10.0	1.50	1,350	6	2	60207	60307	
80500	500	12.3	14.5	12.70	15.9	10.4	5.6	12.7	M4	13.2	3.40	2,225	8	3	60210	60310	
80750	750	18.6	19.0	19.05	23.8	16.1	9.5	19.0	M6	20.3	13.50	6,675	6	5	60220	60320	
81000	1000	24.8	25.9	25.40	31.7	20.8	12.7	25.4	M8	26.9	25.00	11,125	4	6	60230	60330	
81500	1500	37.3	38.6	38.10	47.6	30.8	19.0	38.1	M12	39.9	38.40	15,575	2	10	60240	60340	
82000	2000	49.7	51.5	50.80	63.5	41.2	25.4	50.8	M16	53.0	74.60	26,700	2	14	60245	60350	

D* - A milled slot wider than D dimension will insure 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.

Long Length Uniforce® Channel & Steel Wedge



This material is available in 20" (508mm) lengths so clamps can be fabricated in different lengths to suit any requirement. Channel and steel wedge are not drilled or plated.

Part Number	Model
62010	250 Channel
63010	250 Steel Wedge
62020	375 Channel
63020	375 Steel Wedge
62120	500 Channel
63120	500 Steel Wedge
62220	750 Channel
63220	750 Steel Wedge

Part Number	Model
62320	1000 Channel
63320	1000 Steel Wedge
62420	1500 Channel
63420	1500 Steel Wedge
62520	2000 Channel
63520	2000 Steel Wedge