

Loc-Down® System



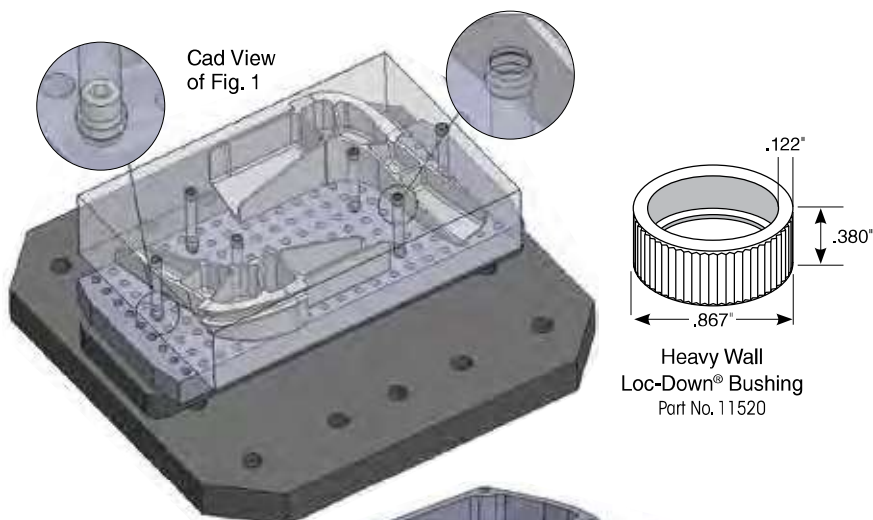
FIG. 1

The Mitee-Bite Loc-Down® System was designed to be a programmer's and operator's dream for quickly and easily securing small to large aerospace parts. Its compact design allows for tighter pattern on grid plates compared to other options in the marketplace saving material cost on expensive aerospace alloys.

The Loc-Down® generates high holding force and provides low profile "out of the way" clamping allowing programmers to be very creative. Permits aggressive machining without tooling interference or applying forces that would influence part, intended to streamline production for the Aerospace Industry.

"We would have had to repair Brand-X 3 times in the past year and a half...and to date never had a problem with our Loc-Downs, we use these on 70% of our application."
Buffco Engineering

- ▶ Ideal for grid plates, tombstones and custom applications
- ▶ 100% Heat Treated Stainless Steel

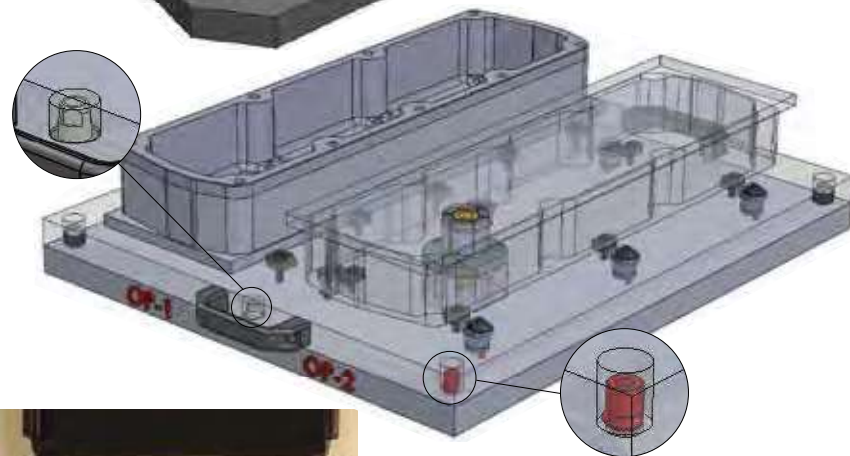


Heavy Wall
Loc-Down® Bushing
Part No. 11520



Loc-Down®
1/2-13 - Part No. 11500
M12-1.75 - Part No. 11612

Loc-Down®
Custom Carbide Cutter
Part No. 11530



Part Number	Description	Size†
11500	Loc-Down®	1/2-13
11550	Loc-Down® Quick Change Kit*	1/2-13
11612	Loc-Down®	M12
11650	Loc-Down® Quick Change Kit*	M12
11530	Carbide Cutter	
11535	Loc-Down® Insertion Tool	
11520	Heavy Wall Loc-Down® Bushing	

Maximum Torque 15 Ft/Lbs (20 N.m.)

† - NEW Loc-Down® sizes available soon!



We have combined our Loc-Down®, custom Bushings and Locating Pins and Liners in a convenient kit (Part No.'s 11550 and 11650) that delivers a low-cost high precision quick change pallet system with a repeatability of .0004"/0.01mm or better.

Patent No. 8,920,063

Quick Change Receiver and Blank Pallet



NEW



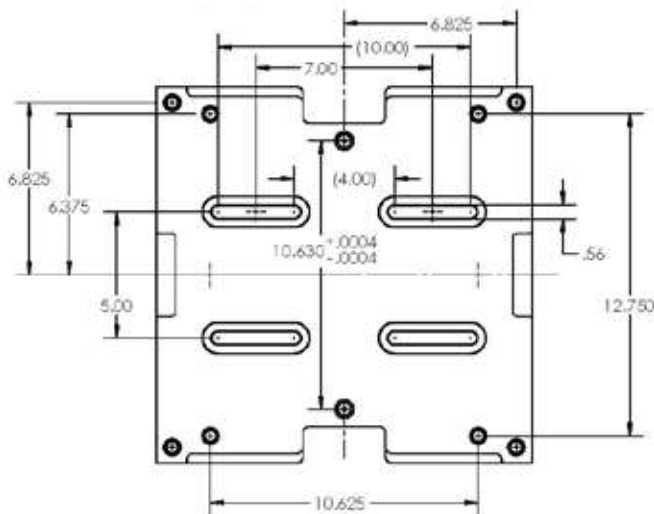
Blank Pallet sold separately

MITEE-BITE announces the addition of a cost effective simple Quick Change Receiver System allowing for the rapid change out and precise location of small fixture pallets. The Mitee-Bite Quick Change Receiver is designed to accept any of our current pallets as well as the blank pallet shown. The receiver mounts on t-slot tables, tombstones, sub-plates and our Aluminum T-Slot Grid Plates. Special washers and mounting clamps are provided with the system.

- ▶ All hardware recessed allowing the receiver to be skim cut to perfectly match the table.
- ▶ Receiver furnished with diamond and taper pins and hardened liner bushings, threaded steel inserts, special washers and mounting clamps.
- ▶ Blank pallet is fastened to the receiver with our Loc-Down® System, two turns of the Loc-Down® releases the pallet, 100 lbs. of force for every foot pound of torque.
- ▶ The Loc-Down® is not removed from the receiver – lost cumbersome fasteners are a thing of the past.
- ▶ No protruding fastener above the surface of the pallet to interfere with tooling.
- ▶ High precision for a LOW COST solution!



See the
Q.C. Receiver
in action!



Part No.	Description
46500	Quick Change Receiver with (4) 1/2-13 Loc-Downs® and Hardware
46600	Quick Change Receiver with (4) M12x1.75 Loc-Downs® and Hardware
46525	Quick Change 1" Blank Pallet with Liner and Loc-Down® Bushings Installed
11500	Loc-Down® (1/2-13)
11612	Loc-Down® (M12x1.75)
11520	Heavy Wall Loc-Down® Bushing
45070	Liner Bushings (2/pk)