

## ***Tandem Option Carries Heavy Load Economically***

For higher loads and increased stiffness, the tandem option is an attractive solution for many applications. This configuration uses a standard motor-driven model mechanically attached to a free sliding model. The two bases are securely fastened together and the carriages are precision machined in place to insure flatness and parallelism.

***For more options visit our web site at [www.bislide.com](http://www.bislide.com) and [www.velmex.com](http://www.velmex.com).***



*Double Parallel Coupled BiSlide Assembly with Optional Double Carriages (see the section on BiSlide Frames & Bases on page 4.4 for another example)*



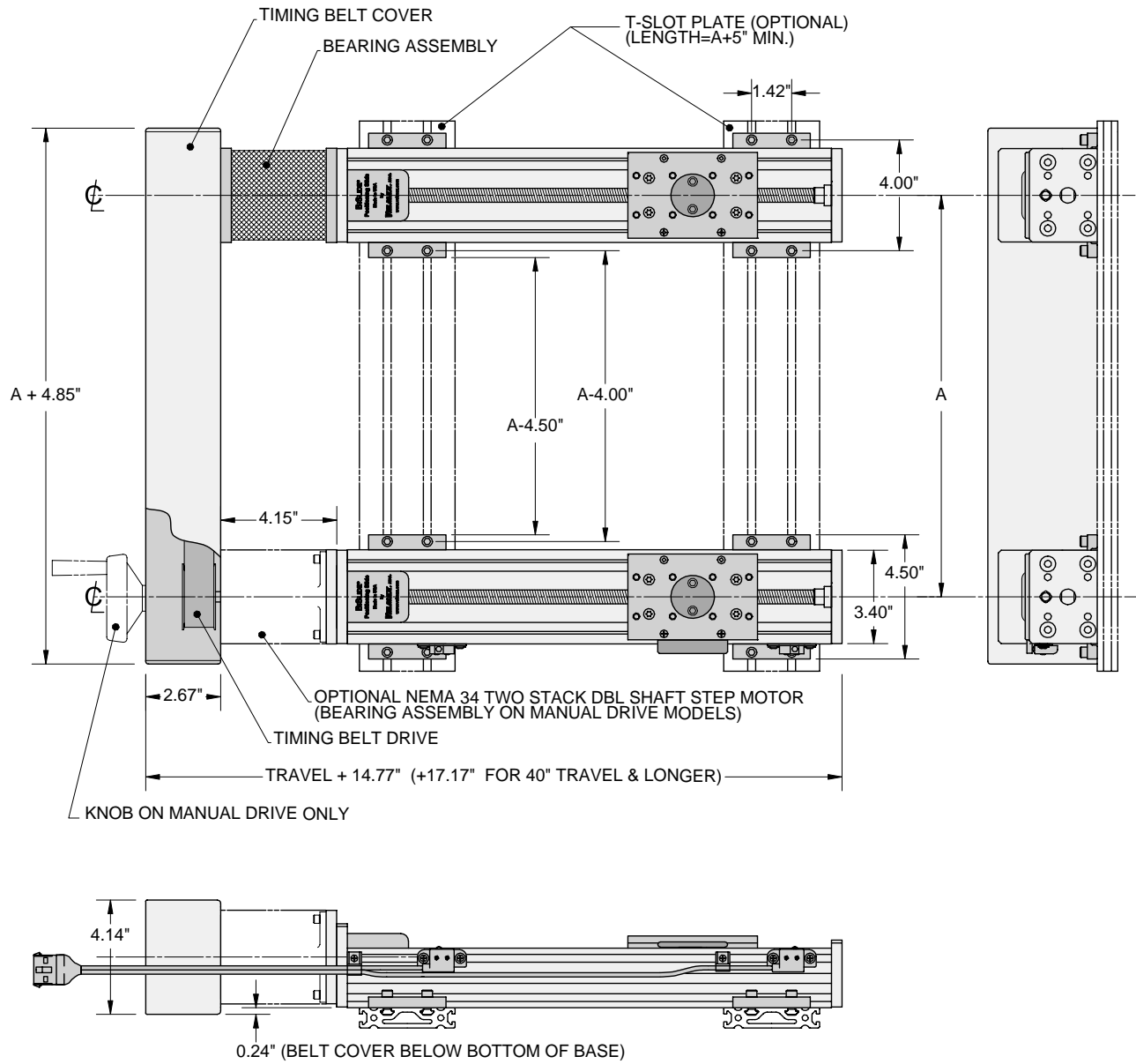
*Motor Driven BiSlide with Tandem Option*

## ***Choose the Parallel Coupled Assembly for Large and Long Traverses***

If your application calls for large loads or the ability to traverse long distances in two or three axes, the Parallel Coupled Assembly is what you need. It uses two identical BiSlide units. Motor driven models use a double shaft motor on one slide and a bearing assembly on the other slide. A timing belt drive connects the two slides for synchronous operation. Manual versions have a bearing assembly on both slides; a hand wheel (knob/crank) drives the timing belt drive. Use our inexpensive cleats to mount your Parallel Coupled BiSlide Assembly to nearly any flat surface. For a free-standing assembly, BiSlides can be cleated to the T-slot plate or base structural profiles.

Parallel systems are usually shipped unassembled to eliminate crating charges and trucking costs. These kits include detailed assembly instructions, all fasteners, hardware, and come complete with a timing belt tensioner. They can be shipped fully assembled if required.

### Parallel Coupled BiSlide Assembly Drawing

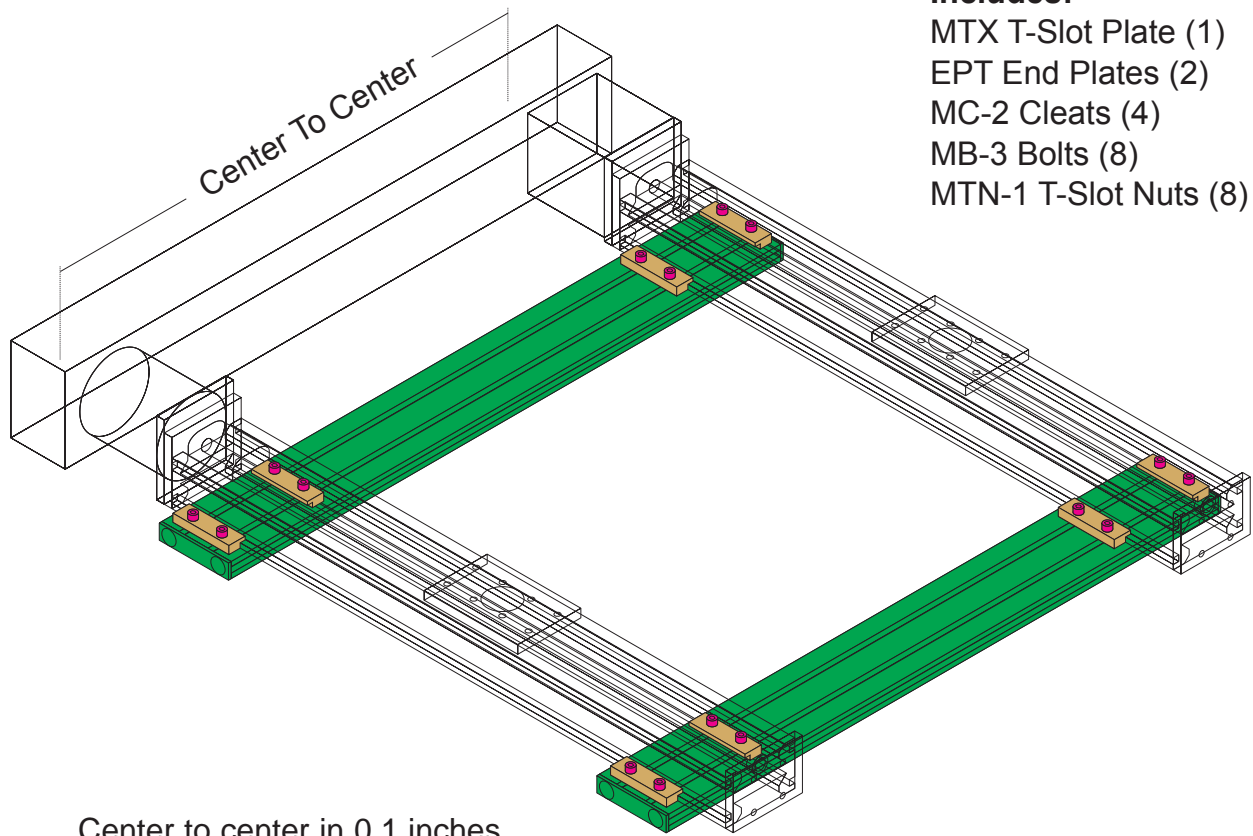


**A (Available Center to Center Distances in Inches)**

8.5 13.5 14.5 16 17.5 19 20.5 22 23.5 25 26.5 28 29.5 31.5 34 36.5 39 41.5 46.5 51.5 59 66.5 81.5

Contact our technical sales department regarding additional center to center distances

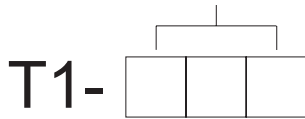
### T1 Parallel Coupled Separators



**Includes:**

- MTX T-Slot Plate (1)
- EPT End Plates (2)
- MC-2 Cleats (4)
- MB-3 Bolts (8)
- MTN-1 T-Slot Nuts (8)

Center to center in 0.1 inches



**NOTE:** Minimum of 2 required (as shown)

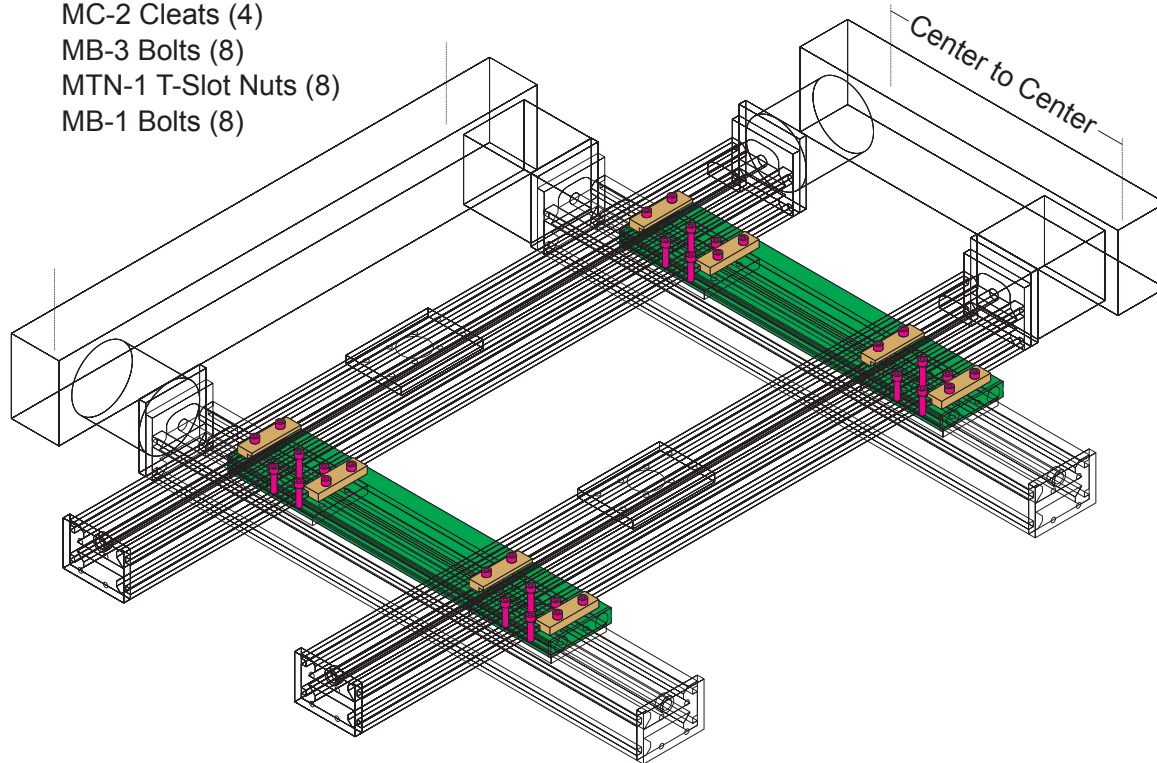
Actual Length = Center to Center + 5.0 inches

Example: Use T1-220 for Parallel Coupled with 22 inches Center to Center (Actual = 27 inches)

## T2 Parallel Coupled Separators

### Includes:

- MTX T-Slot Plate with 8 Holes (1)
- EPT End Plates (2)
- MC-2 Cleats (4)
- MB-3 Bolts (8)
- MTN-1 T-Slot Nuts (8)
- MB-1 Bolts (8)

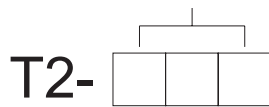


**NOTE:** 2 required (as shown)

Lower Parallel requires additional Carriages

Travel on lower Parallel is reduced by Center to Center + .65"

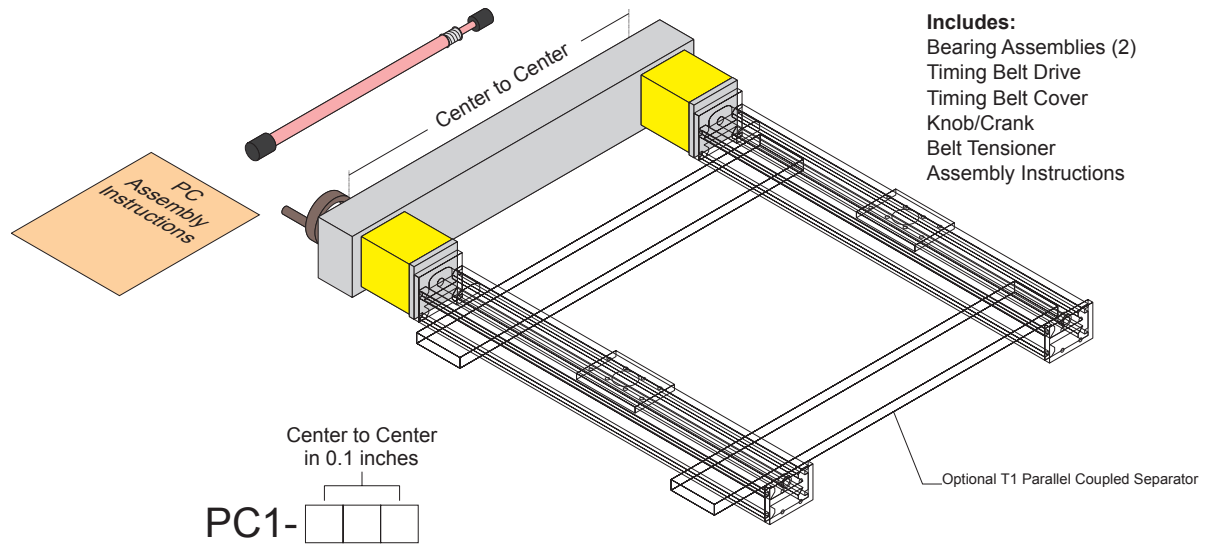
Center to center in 0.1 inches



Actual Length = Center to Center + 5.0 inches

Example: Use T2-135 for Parallel Coupled with 13.5 inches Center to Center  
(Actual = 18.5 inches)

### PC1 Manual Parallel Coupled



### PC2 Motor Driven Parallel Coupled

