

RECOMMENDED VELMEX BISLIDE® CLEAT PLACEMENT



BiSlide mounted to a BiSlide frame using the MC-2 standard cleat adds support and stability while operating.



Four BiSlide cleats are available: standard one- and two-hole, sandwich, and an optical cleat. Pictured is the standard cleat used to mount a BiSlide to a base, frame or to another BiSlide Assembly. Each pair has 425 lbs. of holding capability.

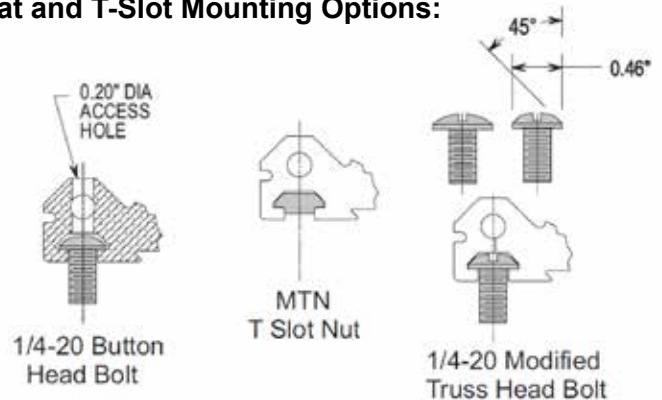
The BiSlide® Assembly base should be mounted with Velmex MC cleats to a reasonably flat surface. Inaccuracies and binding can result if mounted to non-flat surfaces. Mounting surface should be steel or aluminum and have 1/4-20 UNC threaded holes with a minimum thread depth of 0.30"

Refer to the BiSlide User's Manual and table below for cleat placement. Use cleats in pairs with a pair 1.2" from each end to first mounting hole. All other cleats should be equally spaced between them. Use more cleats for heavy off-center (cantilever) loads and for more rigidity.

Attach cleats with Velmex MB-1 bolts or equal grade 8 bolts. Start with bolts finger tight and then tighten bolts progressively alternating sides and diagonals. Finish by tightening bolts to 95 in-lbs. The BiSlide can also be mounted on it's side using bolts or nuts in the T-slots. (See figures below.)

Thread locking compound (Loctite) is recommended for all mounting bolts.

BiSlide Cleat and T-Slot Mounting Options:



Recommended Cleats for Velmex Single-Axis BiSlide® Assembly

Design				Lighter Loads			Heavier Loads		
Travel (inches)	Travel (cm)	Length (inches)	Length (cm)	# Cleat*	Spacing (inches)	Spacing (cm)	# Cleat*	Spacing (inches)	Spacing (cm)
5	12.7	12.2	30.988	4	8.38	21.285	4	8.38	21.285
10	25.4	17.2	43.688	4	13.38	33.985	6	6.69	16.993
15	38.1	22.2	56.388	4	18.38	46.685	8	6.127	15.562
20	50.8	27.2	69.088	6	11.69	29.693	10	5.845	14.846
30	76.2	37.2	94.488	8	11.127	28.262	12	6.676	16.957
40	101.6	49.6	125.984	10	11.445	29.07	14	7.63	19.38
50	127	59.6	151.384	12	11.156	28.336	16	7.969	20.24
60	152.4	69.6	176.784	14	10.963	27.847	18	8.223	20.885
80	203.2	89.6	227.584	16	12.254	31.126	20	9.531	24.209

* Total number of cleats. (Cleats are used in pairs; one each side of the slide.)