

MB Rapid Bolt

MB Rapid Bolt safely and economically secures tilt-up and precast braces to the slab or other anchor points. It eliminates the inconvenience or uncertainty of cast-in-place inserts or expansion bolts. MB Rapid Bolt is designed for quick and easy installation in single-use applications for tilt-up and precast concrete panels.

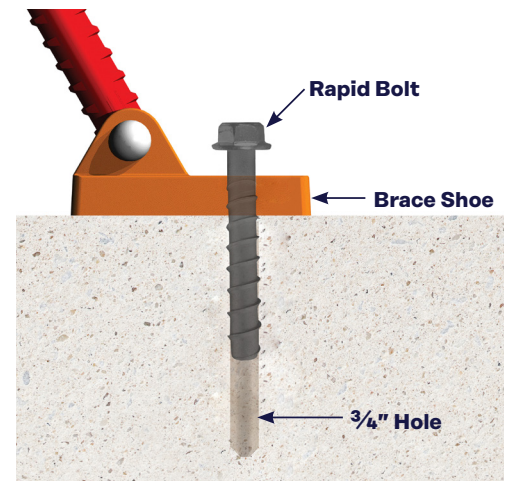
Installation Instructions

1. Mark anchor location and drill $\frac{3}{4}$ " diameter straight hole. Hole depth should accommodate full bolt penetration by the following methods:
 - a. 7" deep hole with hole cleaned to remove concrete fines.
 - b. Drill through slab.
2. Install the bolt through the brace shoe and drive the anchor down with a 200 FT-LB torque

WARNING: Over torquing can damage the anchor and reduce the capacities.

Notes

1. Refer to TCA Bracing Guidelines which suggest inspections of brace connections after jobsite experiences 35+MPH winds
2. The use of excessively worn or undersized drill bits may prevent the bolt from threading.
3. The use of oversized drill bits may result in incomplete threading and premature failure.
4. Use of under-powered drills +/- or impact wrenches may slow or prevent proper installation.



Single Use MB Rapid Bolt ($\frac{3}{4}$ "x6")

Item Number	Description	Slab Thickness	Brace Load at 3,000 psi concrete	Brace Load at 4,000 psi concrete	Unit Weight
MB45484	MB Rapid Bolt	4"	4,300 lbs	4,950 lbs	1.05 lbs
		5"	6,300 lbs	7,300 lbs	
		6"	8,100 lbs	9,300 lbs	

Packaging: (32/Box-2,400/pallet)

1. Values are based on a 2:1 SF
2. 12" minimum edge distance
3. Resultant determined with a 60° brace angle.
4. Requires use of MB Brace Shoe & MB Brace.
5. This bolt is approved for single use only

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