

MAGNUM® MMC825B Column

HSS8x8x1/4 and Connection Box with (4) Tapped Holes

Each Side for 7/8" - 9 UNC Bolts

Description: The MAGNUM® MMC825B Moment Frame Columns are made of Hollow Structural Sections (HSS) with bearing plates welded to the bottom of the column. The top of the column is fitted with a MAGNUM® Moment Frame Column Cap, which is designed for an easy and secure connection between the column and beam of the MAGNUM® Moment Frame. The Column, Column Cap, and Bearing Plate are galvanized steel. Allowable axial compression load for a 13 foot column height is 83 tons.

Specifications	
Shape	HSS8x8x1/4 Column ASTM A500 Gr. B 46 ksi, or Equivalent
I	New = 70.7 in ⁴
A _g	New = 7.10 in ²
S	New = 17.7 in ³
Height	Custom
Bolts	(4) 3/4"-16 UNF SAE J429 Grade 5 Zinc Coated to ASTM B695/F1941
Surface Coating	Galvanized per ASTM A153/A123 (G)



Installation Notes: Determine the minimum column length based on the elevation certificate for the project. The bottom flange of the beam shall be one foot higher than the Base Flood Elevation (BFE). BFE is determined based on Coastal Construction Zone and FEMA flood mapping for specific project location.



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