

Load Ratings Help Sheet



Aluminum Columns

Model	Size	Length	Tested Height	ASD Capacity (Allowable Axial Loads)	Average Ultimate Load
Round Fluted	6"	8' & 9'	9'	4,338 lbf	12,776 lbf
Round Fluted	8"	8' & 9'	9'	3,524 lbf	18,724 lbf
Round Fluted	10"	8', 9', & 10'	10'	7,544 lbf	25,227 lbf
Square Fluted	6"	8' & 9'	9'	3,705 lbf	13,487 lbf
Square Fluted	8"	8' & 9'	9'	6,025 lbf	22,455 lbf
Square Fluted	10"	8', 9', & 10'	10'	6,053 lbf	18,244 lbf
Square Smooth	6"	8' & 9'	9'	4,013 lbf	12,340 lbf
Square Smooth	8"	8' & 9'	9'	5,236 lbf	19,461 lbf
Square Smooth	8"	10'	10'	4,762 lbf	16,184 lbf
Square Smooth	10"	8' & 9'	9'	5,796 lbf	20,192 lbf
Square Smooth w/Astragal	6"	8' & 9'	9'	4,013 lbf	12,340 lbf
Square Smooth w/Astragal	8"	8' & 9'	9'	5,236 lbf	19,461 lbf
Square Smooth w/Astragal	8"	10'	10'	4,762 lbf	16,184 lbf
Square Smooth w/Astragal	10"	8' & 9'	9'	5,796 lbf	20,192 lbf
Square Recessed	6"	8' & 9'	9'	5,184 lbf	15,584 lbf
Square Recessed	8"	8' & 9'	9'	4,140 lbf	27,563 lbf

ASD Capacity = Weight values are Actual Calculated Allowable Loads

Average Ultimate Load = Safety factors have not been applied to this value.

Columns tested with load off center (equal to 1/6" the width of the column)

For an official stamped copy of testing results please contact DSI Product Manager or DSI Technical Services

