



## COLUMNS

### Description

Rack columns are manufactured of structural W-sections and shall have a shop-welded base plate. In order to provide lateral stability along the length of the system, the columns are held together with horizontal braces and cross braces. The braces are bolted to the columns with ASTM A325 structural bolts. The braces are made of structural steel either in the form of a plate or an L-shape. For outdoor applications, the effects of climatic loads that may be exerted directly to the column or transferred from the rack arms, roof arms and any siding, cladding or other enclosure material are carefully factored in to the column design. The column may be assembled in a single- or double-sided configuration. The bracing configuration is very important to the structural integrity of the column assembly. When bracing a 12'H run, the first and last bay must always be secured with a cross brace and a horizontal brace, even if the second-to-last bay is secured with the same. For a 16'H run, the first and last bay must always be secured with a double cross brace configuration. For all inside bays, alternate between a quadruple horizontal brace and a double cross brace.



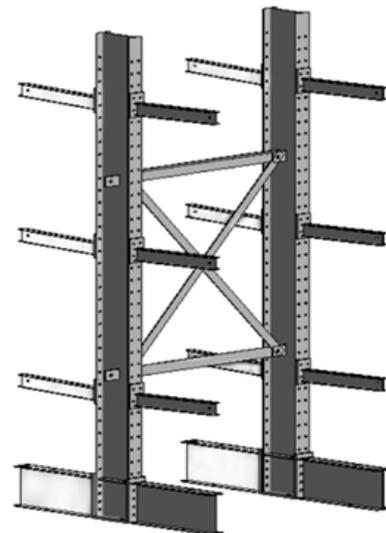
STANDARD COLUMN

## LD COLUMN

### Specifications

Column	LD, Single or Double Sided Column
Punched Hole	9/16" Ø hole used for 3" MD & 4" MD arms 11/16" Ø hole used for 4" HD, 5" HD and 5.5" HD arms
Width	4" Flange
Bolt Spacing	Horizontal- 2" Vertical - 3" arm adjustment MD arms Vertical - 4" arm adjustment HD arms
Finish Interior Use	Industrial highly adhesive fast dry alkyd enamel
Finish Exterior Use	D.T.M (Direct to Metal) fast dry polyurethane liquid paint
Finish Bracing	Powder-coated tough paint

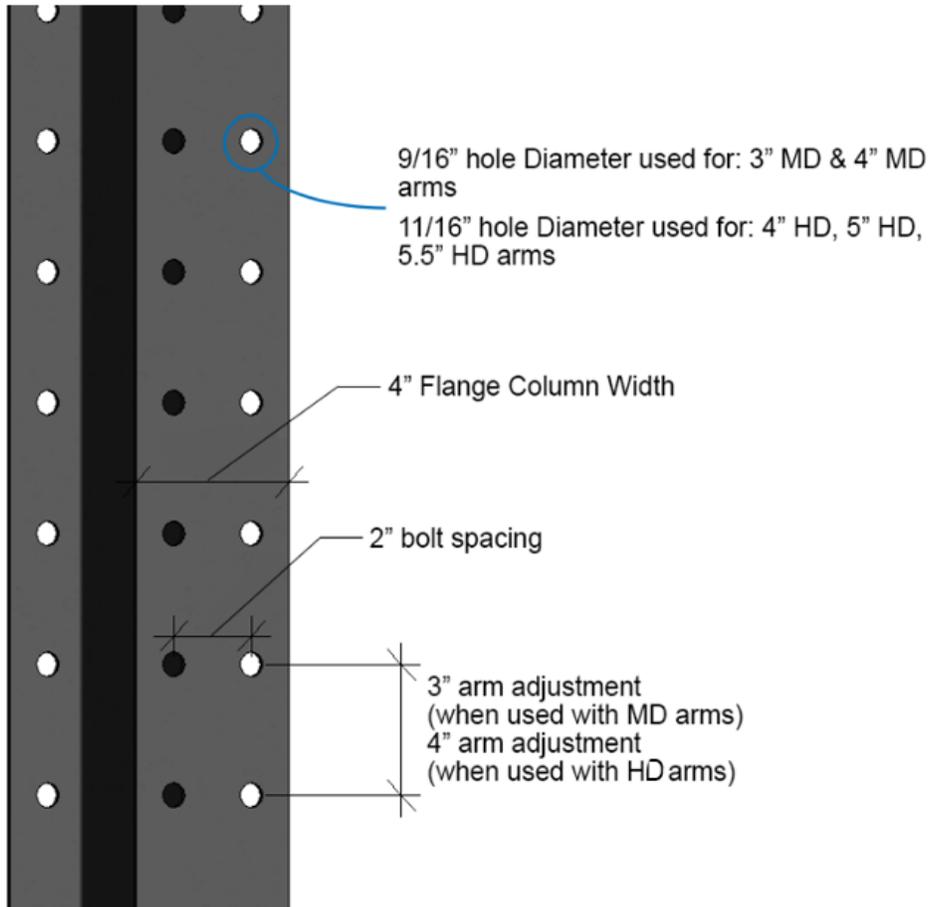
SINGLE OR DOUBLE SIDED COLUMN



Cogan Grey



**LD COLUMN**



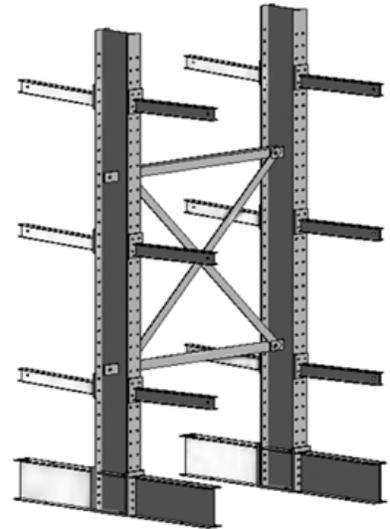


## HD COLUMN

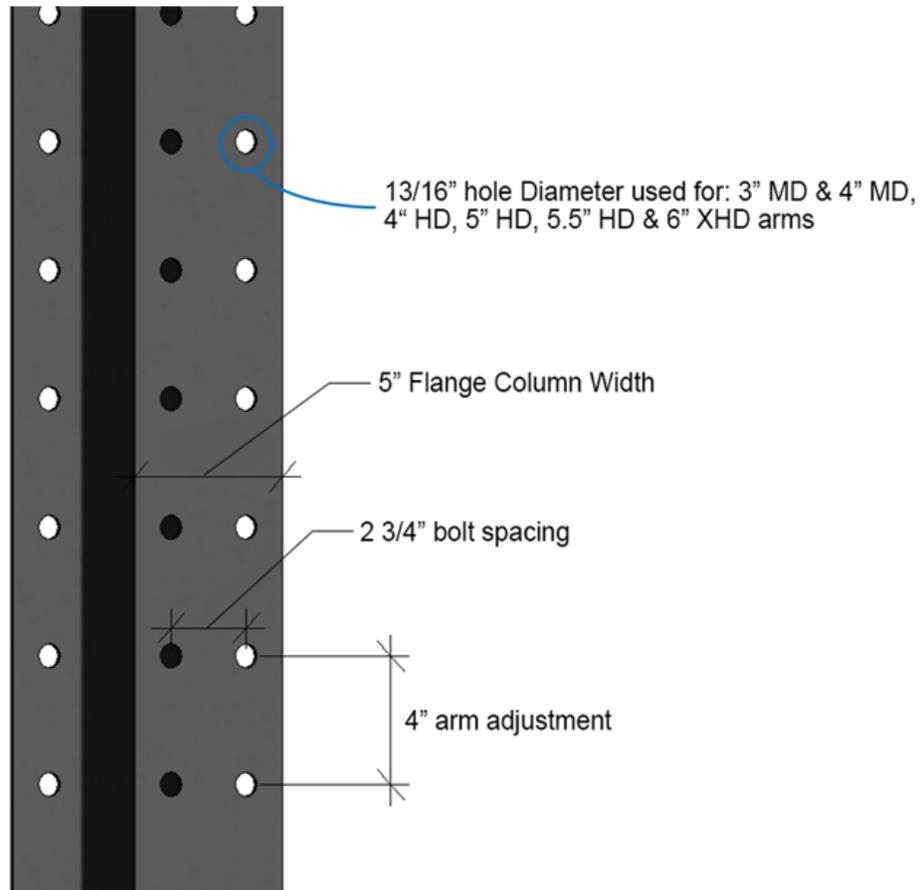
### Specifications

Column	HD, Single or Double Sided Column
Punched Hole	13/16" Ø hole used for 3" MD & 4" MD 4" HD, 5" HD and 5.5" HD arms
Width	5" Flange
Bolt Spacing	Horizontal- 2 3/4" Vertical - 4" arm adjustment MD arms
Finish Interior Use	Industrial highly adhesive fast dry alkyd enamel
Finish Exterior Use	D.T.M (Direct to Metal) fast dry polyurethane liquid paint
Finish Bracing	Powder-coated tough paint

SINGLE OR DOUBLE SIDED COLUMN



Cogan Grey





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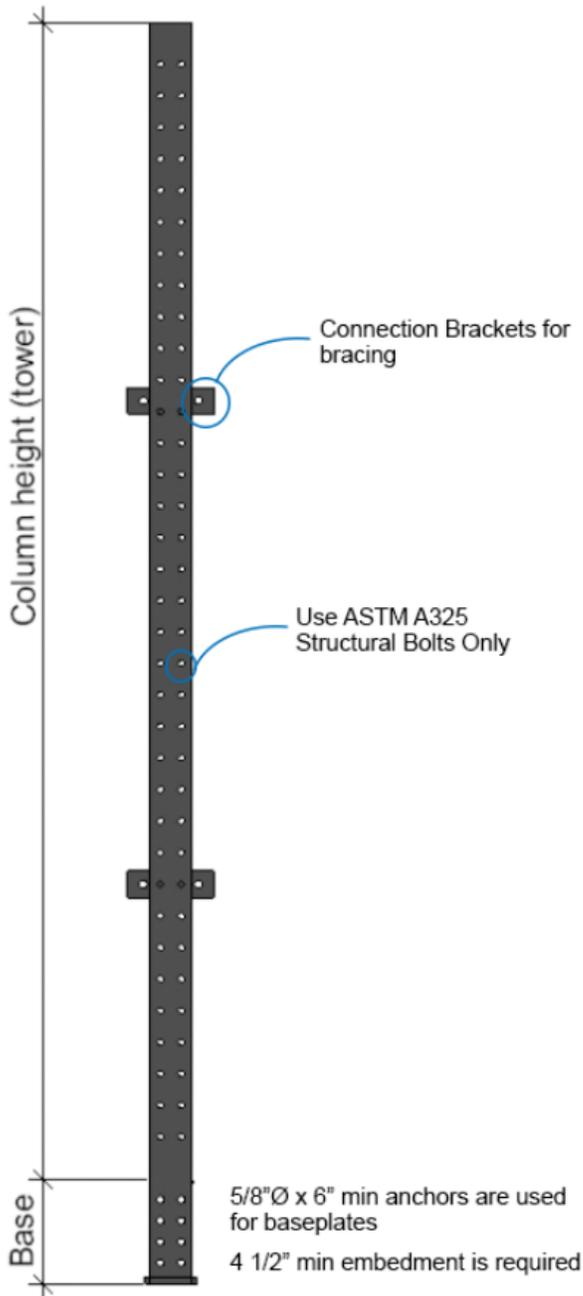
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RACKING**

## DETAILS

FRONT VIEW  
LD & HD COLUMN



SIDE VIEW  
LD & HD COLUMN

