DSI Columns®
ALUMINUM

Beautiful. Durable. Structural.

DSI Digger Specialties Inc.

Transforming the Outdoor Living Experience™

MADE IN THE USA

DSI Columns® offer quality craftsmanship, impeccable design, and integrated architectural elements to deliver an elegant, low-maintenance, and long lasting column.

Aluminum DSI Columns® are available in a selection of sizes, styles, and load-bearing capacities to meet most design needs. Columns are available in 12 colors to accent or compliment the surrounding environment.

Table of Contents

COLORS & POWDER COATING

DSI Aluminum Columns are available in 12 standard AAMA 2604 colors to compliment your project; from satin colors to textured colors.

Custom colors and AAMA 2605 colors are available by special order.

Textured Colors

Black Fine Texture

Bronze Fine Texture

Brown Fine Texture

White Fine Texture

Grey Fine Texture

Non Textured Colors

Gloss Beige

Chocolate

Ninety Bronze

Sandy Shore

Satin Black

Gloss White

Speckled Walnut

Colors shown are a close approximation of the true color.
Please consult actual samples for accurate powder coating colors.

Exclusive DSI Powder Coating Process

DSI's proprietary 10 step powder coating process provides an uncompromising quality created by state-of-the-art technology. Our system is certified by the Powder Coating Institute providing peace of mind in your investment. Our powder coating is verified by the American Architectural Manufacturers Association (AAMA) / Fenestration and Glazing Industry Alliance (FGIA) and is covered by a Lifetime Limited Warranty.

1 **The raw premium-grade aluminum is inspected** to be free of blemishes and is not exposed to the outdoor elements.

2 **The product enters a heated acidic cleaning stage** to remove extrusion debris and fabrication oils.

3-6 **Clean:** City water rinse
**Cleaner:** Recycling reverse osmosis water rinse
Cleanest: Pure reverse osmosis water rinse
Sealer: Dried-in-place aluminum sealer

7-8 **A 200 MPH air blast removes water drops** from the pre-treated aluminum.
A convection oven completes the dry-off process.
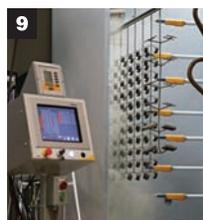
9 **Powder is applied** with 18 automated and 2 manual spray guns. Compressed process air is dried to -35°F Dew Point for superior adhesion.
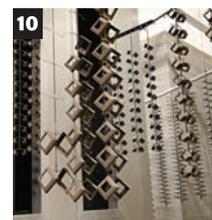
10 **The powder coating is then bonded** and adhered to the aluminum substrate in a 400 degree cure stage.

ROUND COLUMNS

Round Fluted Columns are complimented by matching split capitals and bases. These structural columns are available in 6″, 8″, 10″, and 12″ diameter. DSI Columns® are ideal for commercial and residential uses. Round Columns can be utilized to wrap around existing posts, which may require modifications.

A Outside Diameter

Round Fluted Columns
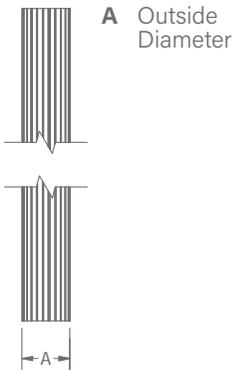
Nominal Size	Shipping Weight (lbs.)	Outside Diameter (A)	Inside Diameter
6" x 8'	19	6"	5-3/8"
6" x 9'	21	6"	5-3/8"
6" x 10'	23	6"	5-3/8"
8" x 8'	24	7-5/8"	7"
8" x 9'	27	7-5/8"	7"
8" x 10'	30	7-5/8"	7"
8" x 12'	32	7-5/8"	7"
10" x 8'	33	9-3/8"	8-3/4"
10" x 9'	36	9-3/8"	8-3/4"
10" x 10'	38	9-3/8"	8-3/4"
10" x 12'	47	9-3/8"	8-3/4"
10" x 20'	75	9-3/8"	8-3/4"
12" x 10'	65	11-1/2"	10-7/8"
12" x 16'	99	11-1/2"	10-7/8"
12" x 20'	115	11-1/2"	10-7/8"

Available In   ▌ Capital, Base, and 8 Angle Brackets are Included in Column Box
▌ Quick Ship Program (Gloss White)   ▌ Special Order: May Require Longer Lead Times

Note: Capitals and bases are not included with columns unless indicated. All DSI Columns® require brackets to restrict lateral movement. Angle Brackets (8 pack) or Tie Down Brackets (2 sets) must be ordered separately from columns **unless** indicated.

Load Bearing: Visit *dsicolumns.com* for testing information.

SQUARE COLUMNS

Traditional Square Columns are complimented with split capitals and bases offering both peace of mind and a beautiful finished look. These structural columns come in 6″, 8″, 10″ and 12″ square. DSI Columns® are ideal for commercial and residential uses. Square Columns can be utilized to wrap existing posts, which may require modifications.

A Outside Dimension

Square Fluted Columns
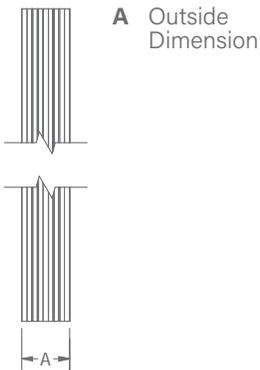
Nominal Size	Shipping Weight (lbs.)	Outside Diameter (A)	Inside Dimension
6" x 8'	24	5-1/2"	4-9/16"
6" x 9'	27	5-1/2"	4-9/16"
6" x 10'	30	5-1/2"	4-9/16"
8" x 8'	26	7-1/2"	6-9/16"
8" x 9'	29	7-1/2"	6-9/16"
8" x 10'	32	7-1/2"	6-9/16"
8" x 12'	38	7-1/2"	6-9/16"
10" x 8'	41	9-1/2"	8-9/16"
10" x 9'	46	9-1/2"	8-9/16"
10" x 10'	50	9-1/2"	8-9/16"
10" x 12'	59	9-1/2"	8-9/16"
10" x 20'	98	9-1/2"	8-9/16"
12" x 10'	60	11-1/2"	10-5/8"
12" x 16'	92	11-1/2"	10-5/8"
12" x 20'	115	11-1/2"	10-5/8"

A Outside Dimension

Square Recessed Columns
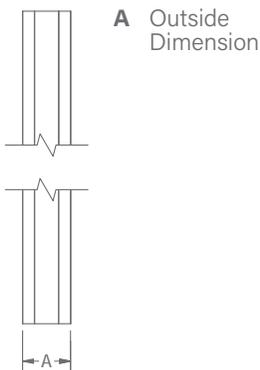
Nominal Size	Shipping Weight (lbs.)	Outside Diameter (A)	Inside Dimension
6" x 8'	28	5-1/2"	4-1/8"
6" x 9'	31	5-1/2"	4-1/8"
6" x 10'	35	5-1/2"	4-1/8"
8" x 8'	35	7-1/2"	6-1/16"
8" x 9'	39	7-1/2"	6-1/16"
8" x 10'	42	7-1/2"	6-1/16"
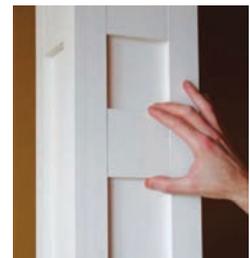
Optional block dividers simplify the rail mounting process and provide a decorative accent.

Available In   Capital, Base, and 8 Angle Brackets are Included in Column Box
Quick Ship Program (Gloss White)   Special Order: May Require Longer Lead Times

Note: Capitals and bases are not included with columns unless indicated. All DSI Columns® require brackets to restrict lateral movement. Angle Brackets (8 pack) or Tie Down Brackets (2 sets) must be ordered separately from columns **unless** indicated.

**Load Bearing:** Visit *dsicolumns.com* for testing information.

SQUARE COLUMNS

Square Smooth Columns
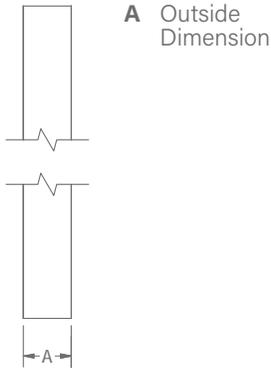
Nominal Size	Shipping Weight (lbs.)	Outside Diameter (A)	Inside Dimension
6" x 8'	27	5-1/2"	4-1/2"
6" x 9'	30	5-1/2"	4-1/2"
6" x 10'	33	5-1/2"	4-1/2"
8" x 8'	29	7-1/2"	6-1/2"
8" x 9'	32	7-1/2"	6-1/2"
8" x 10'	35	7-1/2"	6-1/2"
8" x 12'	37	7-1/2"	6-1/2"
10" x 8'	42	9-1/2"	8-1/2"
10" x 9'	49	9-1/2"	8-1/2"
10" x 10'	53	9-1/2"	8-1/2"
10" x 12'	62	9-1/2"	8-1/2"
10" x 20'	106	9-1/2"	8-1/2"

A Outside Dimension
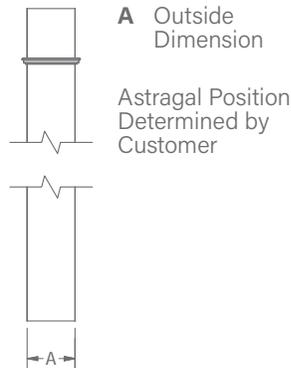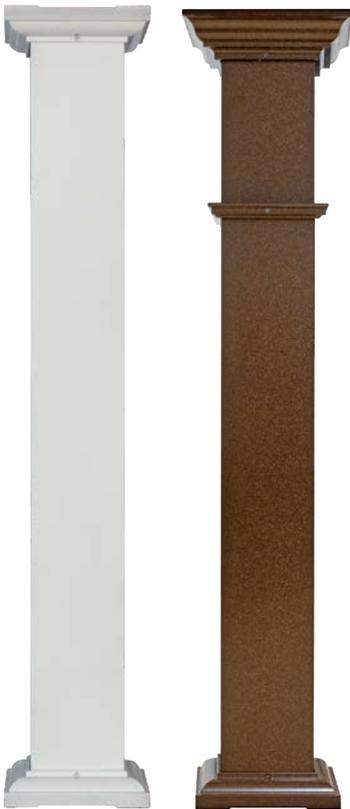
Square Smooth with Astragal Columns

A Outside Dimension

Astragal Position Determined by Customer

Nominal Size	Shipping Weight (lbs.)	Outside Diameter (A)	Inside Dimension
6" x 8'	25	5-1/2"	4-1/2"
6" x 9'	28	5-1/2"	4-1/2"
6" x 10'	31	5-1/2"	4-1/2"
8" x 8'	27	7-1/2"	6-1/2"
8" x 9'	30	7-1/2"	6-1/2"
8" x 10'	33	7-1/2"	6-1/2"
8" x 12'	37	7-1/2"	6-1/2"
10" x 8'	42	9-1/2"	8-1/2"
10" x 9'	49	9-1/2"	8-1/2"
10" x 10'	53	9-1/2"	8-1/2"
10" x 12'	62	9-1/2"	8-1/2"
10" x 20'	106	9-1/2"	8-1/2"

Available In   Capital, Base, and 8 Angle Brackets are Included in Column Box
Quick Ship Program (Gloss White)   Special Order: May Require Longer Lead Times

Note: Capitals and bases are not included with columns unless indicated. All DSI Columns® require brackets to restrict lateral movement. Angle Brackets (8 pack) or Tie Down Brackets (2 sets) must be ordered separately from columns **unless** indicated.

Load Bearing: Visit *dsicolumns.com* for testing information.

Your DSI Aluminum Column is not complete without the finishing touch of a matching capital and base. DSI Split Capitals and Bases snap together, allowing ease of installation and a secure fit.

Round Fluted

Low Profile Split Capital or Base

Nominal Size	Capital/Base Outside Dimension	Capital/Base Height
6"	7-9/16"	1-3/4"
8"	10"	2-1/8"
10"	11-7/8"	2-3/8"
12"	15"	2-15/16"

▌Special Order: May Require Longer Lead Times

CAPITALS & BASES

Square Fluted
Low Profile Split Capital or Base

Nominal Size	Capital/Base Outside Dimension	Capital/Base Height
6"	8-1/2"	1-15/16"
8"	10-1/2"	1-15/16"
10"	12-9/16"	2-11/16"
12"	15-7/16"	3-3/16"

Square Recessed
Low Profile Split Capital or Base

Nominal Size	Capital/Base Outside Dimension	Capital/Base Height
6"	8-1/2"	1-15/16"
8"	10-1/2"	1-15/16"

▌Special Order: May Require Longer Lead Times

CAPITALS & BASES

Square Smooth

Low Profile Split Capital or Base

Nominal Size	Capital/Base Outside Dimension	Capital/Base Height
6"	8-1/2"	1-15/16"
8"	10-1/2"	1-15/16"
10"	12-9/16"	2-11/16"

Square Smooth with Astragal

Decorative Split Capital*

Nominal Size	Capital Outside Dimension	Capital Height
6"	9-13/16"	2-5/8"
8"	11-13/16"	2-5/8"
10"	13-13/16"	2-5/8"

Split Astragal*

Nominal Size	Astragal Outside Dimension	Astragal Height
6"	7-9/16"	1"
8"	9-9/16"	1"
10"	11-9/16"	1"

Low Profile Split Base

Nominal Size	Base Outside Dimension	Base Height
6"	8-1/2"	1-15/16"
8"	10-1/2"	1-15/16"
10"	12-9/16"	2-11/16"

*Capital or Astragal is cut (does not snap together)

Brackets

Tie Down and Angle Brackets are designed to protect DSI Columns® from lateral movement should an object impact a column.

Angle Brackets
Packaged as an 8 pack (eight brackets required per column)

Note: Columns that ship with a capital and base included in the box will also include an 8 pack of Angle Brackets

Tie Down Brackets
Packaged as a 2 pack (four brackets required per column)
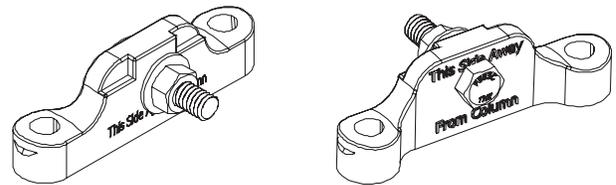

Installation Shown on Aluminum Columns
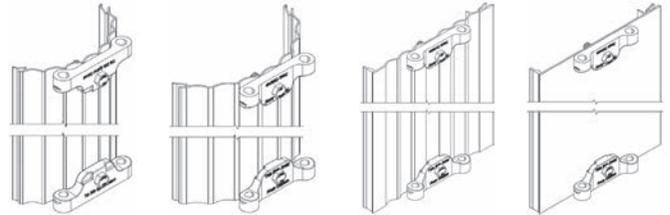
Round Fluted 6" Column	Round Fluted 8", 10", 12" Column	Square Fluted 6", 8", 10" Column	Square Smooth 6", 8", 10" Column

Uplift Kits

Uplift Kits are designed to protect DSI Columns® during high wind situations by reducing vertical movement of the column.
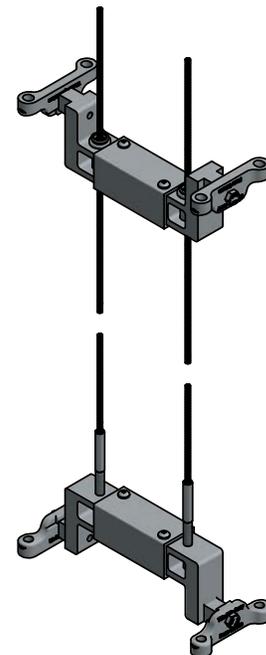
Round Fluted Column Adapter Kits

DSI Columns® work well with PolyRail® Vinyl Railing and Westbury® Aluminum Railing. Round Fluted Aluminum Columns require an adapter to create a flat surface to allow the rail connection. Once the adapter is mounted to the column, the rail mounts easily to adapter and column.

PolyRail® Vinyl Railing
Available as a 4 pack (2 top and 2 bottom adapters) Adapters shown are a close approximation, the length may change based on the style of railing

Westbury® Aluminum Railing
Available as a 4 pack (2 top and 2 bottom adapters) and 6 pack (2 top, 2 mid, and 2 bottom adapters)

Top / Bottom
Level Rail
6", 8"

Top / Bottom
Stair Rail
6", 8"

Top / Mid/Bottom
Level Rail
6", 8"
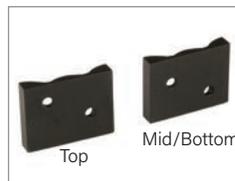
Top / Mid/Bottom
Stair Rail
6", 8"

Specialty Cuts

DSI Columns® are offered with specialty cuts to allow for unique installations. Round and square column shafts, capitals and bases can be cut in the following plan types to meet special installation requirements.

Full

3/4 Cut

Engaged Cut

Pilaster Cut

Full

Pilaster Cut
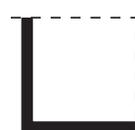
Corner Cut

ALUMINUM SUPPORT POSTS

Posts

Available in 12 Standard DSI Aluminum Colors (shown on page 1).

4" Support Post
(.125" wall)

4" Deco Support Post
(.090" wall)

6" Support Post
(.110" wall)

6" Deco Support Post
(.090" wall)

Flair

Post Flair (2 piece)
4", 6"

Tie Down Bracket

Tie Down Bracket with Cover (Set of 2)

Installation Instructions Require
2 Sets per Support Post

Specifications

	4" Post (.125" wall)	4" Deco Post (.090" wall)	6" Post (.110" wall)	6" Deco Post (.090" wall)
Heights	8-1/2', 10', 11'	8', 9', 10'	8', 9', 10'	8', 9', 10'
ASD Capacity* (Allowable Axial Loads)	8-1/2' = 17,738 lb. 10' = 16,644 lb. 11' = 14,305 lb.	8' = 13,531 lb. 9' = 12,751 lb. 10' = 11,970 lb.	8' = 25,093 lb. 9' = 25,093 lb. 10' = 25,093 lb.	8' = 16,543 lb. 9' = 16,543 lb. 10' = 16,543 lb.

*Weight values are Actual Calculated Allowable Loads

COLUMN CLAD VINYL POST WRAPS

Colors

Column Clad Vinyl Post Wraps are available in two colors.
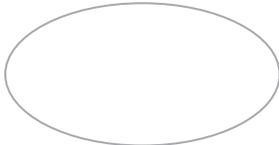
White

Tan

Style

The Wood Post Supplies Load Capacity

Ratchets to Lock Together

Wraps Around the Wood Post – No Screws Needed

Smooth

Cap

Column Clad Cap
4", 6"

Flair

Column Clad Flair (4 piece)
4", 6"

Specifications

	4" Smooth Column Clad	6" Smooth Column Clad
Heights	8', 10'	8', 10'
Load Capacity	Non-Load Bearing w/o Wood Post	Non-Load Bearing w/o Wood Post

DSI Family of Products

Digger Specialties Inc.

Transforming the Outdoor Living Experience™

PolyRail®
VINYL RAILING

Westbury®
ALUMINUM RAILING

DSI Columns®
COMPOSITE AND FIBERGLASS

Westbury®
ALUMINUM RAILING

diggerspecialties.com

Stay Connected

MADE IN THE USA