Door size. Height 2" less than opening
Width 3" more than opening

**Door track**
(K) Door track (opening size x 2)
   length _____ pcs._______
(O) Track splice collar (1 per splice)
   pcs. ______
(L) Track brackets (24” on center)
   pcs. ______
(M) Track cover (10’6")
   pcs. ______
(N) Track end cap (2 per track run)
   pcs. ______
(P) Trolley (2 per door)
   style __________ pcs._______

**Door rails**
(A) Side rail (length of door height)(2 per door)
   length _____ pcs._______
(B) Bottom rail (length of door width)(1 per door)
   length _____ pcs._______
(E) Door girts (length of door width)(24” o.c.)
   length _____ pcs._______

**Door guides**
(D) Stay rollers (1 per door)
   pcs. ______
(F) Door latches (2 per door)
   pcs. ______
(G) Door handles (1 per door)
   pcs. ______
(C) Jamb mount stop (1 per door)
   pcs. ______
   (when using stay guide rail system,
   use jamb mount stop for the door stop)
(D) Stay guide rail (length needs to be
   60% of the width of door)
   (use with alum. bottom door rail)
   length_______ pcs. ______

**Installation Tips**
See CannonBall sliding door parts page for complete list of products.

Door track length is to be double the width of the opening size.

Single trolleys will support a door up to 450lbs.

When using 2x4 lumber for side rails, use a 1.5”x3.5” angle trim to cover the 2x4 side rails & bottom rail. Also use j-channel trim on each side rail.

When using stay guide rail system, use jamb mount door stop and you need only one door latch.
Sliding Door

Cannonball Track

(Top view)

Building Post

Wall Purlins

Metal Wall Panel

Treated 2x4
(field trimmed to 1.5” x 3”)

(Wall Panel)

2X HEADER
(Truss or Header)

2X4 LUMBER

CANNONBALL TRACK
BRACKET

CANNONBALL TRACK
COVER

SLIDING DOOR

2X4 LUMBER

Sliding Door
Cannonball Track
(side view)

1”

1.5”

4.5”

D.C. Metal Sales Inc.

1-800-279-4299 Office
812-486-4345 Fax
Single Sliding Door
* 2 verticals \( A \)
* 1 bottom rail \( B \) with rear stop \( C \)
* 1 stay guide for at least 60% of the door width \( D \) or 1 stay roller \( D \)
* steel or wood horizontals. \( E \) (one for every 2 feet of height)
* 2 door latches \( F \)
* 1 door pull \( G \)

Double Sliding Door
* 3 verticals \( A \)
* 1 coupling vertical \( H \)
* 2 bottom rail \( B \) with rear stop \( C \)
* 2 stay guide for at least 60% of the door width \( D \) or 2 stay rollers \( D \)
* steel or wood horizontals. \( E \) (one for every 2 feet of height-for each door section)
* 2 door latches \( F \)
* 1 center snugger \( I \)
* 1 door pull \( G \)
* 1 center guide \( J \)

Track
* track \( K \) should be twice the width of the door opening
* 1 track bracket \( L \) for every two feet of track
* track cover \( M \) should be same length as the track
* 2 end caps \( N \) per track run
* splice collar \( O \) 1 per each track splice

Trolleys
* a single sliding door requires 2 trolleys \( P \)
* a split sliding door requires 4 trolleys \( P \)

Note: See dcmetal.com for installation manuals.
**Sliding Door Products**

### CannonBall Key Hole Door Track
- **Available Lengths**
  - 8’ Track (643836)
  - 10’ Track (643837)
  - 12” Track (711061)
  - 14” Track (711062)
  - 16” Track (711063)

### Track Splice Collar
- **(711207)**
  - Collar slips over door track to ensure a continual track

### Track Cover
- **see trim page B. 10**

### Door Track Mounting Brackets
- **Track & Cover Bracket (646513)**
  - Face mount bracket holds track and cover one required for every 2 ft. of track

### Door Trolleys
- **6 1/4” Bolt Trolley (643428)**
  - Delrin Rollers
  - Supports a door up to 450 lb.
  - Pendant bolt allows for 4 way adjustment.

- **9 1/4” Bolt Trolley (643428)**
  - Delrin Rollers
  - Supports a door up to 450 lb.
  - Pendant bolt allows for 4 way adjustment.

- **Double Truck Trolley (643437)**
  - Supports a door up to 800 lb.
  - Pendant bolt allows for 4 way adjustment
  - Bolt is not included. Use (462033)

### Door Guides & Rollers
- **Stay Guide Roller (711457)**
  - Adjustable roller keeps the keeps the door in place.

- **Center Guide (711271)**
  - Holds the split door when the doors are in the closed position. Mounts to concrete with anchors.

- **Center Guide Half (710950)**
  - Holds the split door when the doors are in the closed position. Mounts to concrete with anchors.

### Door Stops
- **Door Stop (711453)**
  - Stops and holds doors up to 2” in thickness

### Jamb Mount Stop
- **(751456)**
  - Mounts to the door jamb and holds the door in both the open and closed position.
  - No mounting screws included.

### Door Latches
- **Cam Latch (711506)**
  - Mounts to the jamb and keeps the door snug to the frame.

- **Door Jamb Latch (728106)**
  - Mounts to the jamb and keeps the door snug to the frame for door thickness 2.5”- 6”

### Door Snugger
- **(751456)**
  - Mount to a split sliding door and keeps the doors together.

### Door Handles & Track End Caps
- **Track End Cap (711209)**
  - Mounting bolt included

- **9 1/4” Pendant Bolt (462033)**
  - Bolt for truck trolley 4 way adjustment with adjusting nut

- **Track Cover End Trim (646515)**
  - Two per track run, one for each end. Fastens to end of track to close off the end.

Note: See dcmetal.com for installation manuals.
D.C. Metal Sales Inc.

1-800-279-4299 Office
812-486-4345 Fax

Sliding Doors Products

**Vertical Door Rail #100 AV**
(100AVxx)

White Painted Aluminum
For 1.5" door.
Designed for wooden 2x4, 2x6 or steel girts
Lengths: 8'-10'-12'-14'-16'-18'-20'

**Vertical Door Rail #116 HV**
(116HVxx)

White Painted Aluminum
For 1.5" door.
Designed for wooden 2x4, 2x6 or steel girts
Designed to couple with #100 AV rails on double doors
Lengths: 8'-10'-12'-14'-16'-18'-20'

**Bottom Door Rails #244 BR**
(244BRxx)

White Aluminum
For 1.5" door.
Mates with #64 stay guide system
Eliminates bottom wood rail
Available lengths: 8'-10'-12'-14'-16'-18'-20'

**Bottom Door Rails #201 AB**
(201ABxx)

White Aluminum
For 1.5" door.
Use with stay roller & door stop
Use with wood 2x4, 2x6 or steel girts
Available lengths: 8'-10'-12'-14'-16'-18'-20'

**Vertical Door Rail #391 BV**
(391BVxx)

White Painted Aluminum
For 3.5" door.
Designed for wooden 2x4 or steel girts
Available lengths: 8'-10'-12'-14'-16'-18'-20'

**Vertical Door Rail #396 HV**
(396HVxx)

White Painted Aluminum
For 3.5" door.
Designed for wooden 2x4 or steel girts
Designed to couple with #391BV rails on double doors
Available lengths: 8'-10'-12'-14'-16'-18'-20'

**Bottom Door Rails #394BR**
(394BRxx)

White Aluminum
For 3.5" door.
Mates with #64 stay guide system
Eliminates bottom wood rail
Available lengths: 8'-10'-12'-14'-16'-18'-20'

**Steel Girt #2 35 BG**
(BG235xx)

Steel galvanized box girt
G90 coating 20 gauge steel
Designed to replace wooden girts on sliding doors
Available lengths: 8'-10'
12'-14'-16'-18'-20'-22'-24'

**Stay Guide Rail #64**
(SG164xx)

16 gauge steel
Mounting hardware included
Mates with #244 bottom rail & #394 BR Bottom Rail
(Engages with bottom rail to keep the door from blowing out)
Available lengths: 6'-8'-10'

**Center Guide**

For a double sliding door
Attaches to a 6x6 treated post
Mates with #244 bottom rail & #394 BR Bottom Rail
(Engages with bottom rail to keep the double doors from blowing out in the closed position)

**Single 6x6 post**
(SDR1601)
**Double 6x6 post**
(SDR1602)

*Note: When ordering, all product numbers ending with (xx) must be replaced with desired length.*