THIS IS HOW STANLEY PROPOSE TO USE OUR INVOLVEMENT

THIS IS HOW WE MAY BE BETTER REPRESENTED

Product Catalog

STANLEY

National Hardware

Farm and Commercial Sliding Door Systems
INDEX

SLIDING DOOR APPLICATIONS 3-8
  • Typical Installations 4-5
  • Single 6
  • By-Passing 6
  • Accordion Fold 6
  • Round-the-Corner 7
  • Planning Checklist 8

SLIDING DOOR FRAMES 9-20
  • TAB-LOC™ 10-11
  • Easy-Frame® 12-13
  • Components and Accessories 14-16
  • Max Easy-Frame® 17-19
  • Tandem Bracket & Center Latch 20

BOX RAILS 21-24
  • Box Rails 22
  • Accessories 23
  • Specialty Rails and Accessories 24

BOX HANGERS 25-28
  • Flexible Box Hangers 26
  • Rigid Box Hangers 27
  • Installations/Rail-Hanger Chart 28

ROUND RAIL AND HANGERS 29-35
  • Benefits 30
  • Checklist 31
  • Round Rail and Brackets 32
  • Flashing 33
  • Round Hangers 34-35

MERCHANDISING 36
TAB-LOC™
STEEL SLIDING DOOR FRAME
A TYPICAL INSTALLATION

EASY-FRAME®
STEEL VERTICALS FOR 1½" AND 3½" WOOD LATERALS
A TYPICAL INSTALLATION

ALL WOOD FRAME SLIDING DOORS (1½" or 3½" Thick)
With Metal Siding on Metal Sided Building
A TYPICAL INSTALLATION

ALL WOOD FRAME SLIDING DOORS (Less Than 1½" Thick Frame)
With Wood Siding on Wood Sided Building
A TYPICAL INSTALLATION
SINGLE & BI-PARTING For Box and Round Rail

Operation: A single sliding door, or two sliding doors meeting at the center of the opening (bi-parting) allowing maximum doorway access to the building. This system requires a single run of rail approximately twice the width of the door opening running along the door side of the building to carry the doors.

BY-PASSING For Box and Round Rail

Operation: Two runs of rail carry two or more door panels. When open, the inner panel(s) store behind the outer panel(s). Triple brackets are also available for triple runs of rail.

ACCORDION

The Accordion system is used in churches, schools and auditoriums or wherever a number of doors are hung together in series in an opening. No. 47 hangers and 51 rail are used. The system can be suspended from the header with ceiling brackets, or the rail may be secured with tech screws drilled directly to the header.

ROUND THE CORNER

Operation: A single run of rail with curve(s) at corners of building so doors roll around the inside corners to one—or both sides of the building, permitting full opening access.

STACKER SYSTEM

Operation: A stacker system is used to create a wide doorway access to the building utilizing a minimum of rail. Each door rides in two runs of rail which curve at the end of the building to allow “stacking” of doors outside the building. In closed position, the door panels are in the same plane because the hanger door straps are offset. On each door panel, one hanger rides in the inside rail and the other in the outside rail. As each door is opened, the hangers follow the curve and roll outward allowing the next door to stack in back of the previous one.
### SLIDING DOOR SYSTEMS PLANNER

#### Single and Bi-Parting
- Box or Round Rail
- Rail Brackets (if needed)
- Rail Flashing (if needed)
- Hangers
- Door Bumpers/Stops
  - a. Floor Mounted
  - b. Side
- Mounted
- Stay Rollers
- Jamb Latches
- Center Latch
- Door Pulls
- TAB-LOC™ or EASY-FRAME® Door Frame Systems

#### By-Passing
- Box or Round Rail
- Double or Triple Rail Brackets
- 5151 Flashing Brackets
- Hangers
- Door Bumpers
- Door Guides
  - a. Floor Mounted
  - b. Side
- Mounted
- Stay Rollers
- Jamb Latches
- Center Latch
- Door Pulls
- TAB-LOC™ or EASY-FRAME® Door Frame Systems

#### Round the Corner
- 5116 or 5114 Rail
- 5009 Swivel Hangers
- 51R Curve
- 51M Single Rail Brackets
- 51MS Single Rail Splice Brackets
- 322 Adj. Floor Guide
- 835-24 Cane Bolt
- V129 Hinge
- Door Pulls
- 1254 Center Door Latch
- 1134 Door Latch
- V832 Barrel Bolt 5 or 8
- TAB-LOC™ or EASY-FRAME® Door Frame Systems

#### Stacker System
- 5116 or 5114 Rail
- 5009 Swivel Hanger
- 51R Curve
- 51M Single Rail Brackets
- 51MS Single Rail Splice Brackets
- 51M-2 Double Rail 5151 Flashing Brackets
- 51MS-2 Double Rail Splice Brackets
- 5151 Flashing Brackets
- 322 Adj. Floor Guide
- 317 Adj. Door Bumper
- 835-24 Cane Bolt
- Door Pulls
- Jamb Latches
- 1254 Center Door Latch
- TAB-LOC™ or EASY-FRAME® Door Frame Systems

#### Accordion/Fold
- 5116 Box Rail
- Box Rail Brackets
- 47 Accordion Hangers
- Door Guides
- 835-24” Cane Bolt
- 512 or 129 Hinges
- Door Pulls
- Center Latch
- TAB-LOC™ or EASY-FRAME® Door Frame Systems

---

### TAB-LOC™SLIDING DOOR FRAMES

The All Steel Sliding Door Frame available with 1½” thick laterals. The 1½” door is fabricated entirely from 16 gauge galvanized steel with self-flashing verticals having a durable, powder coated white finish. It’s lighter than wood, yet is much stronger to last a lifetime. It won’t crack, warp, rot, swell or stick.

Steel Verticals available for 1½” and 3½” wood laterals. The 16 gauge galvanized steel Verticals are pre-punched for nails and are self-flashing with a durable, powder coated white finish. Wood laterals simply slide into the Easy-Frame® steel verticals and door siding slides into the flashing channel eliminating separate flashing.

![STANLEY National Hardware](image-url)
Materials Checklist

1. Rail cover
2. Rail
3. Rail bracket
4. Hanger
5. Steel lateral
6. Pre-finished steel vertical
7. Door covering/siding
8. Guide rail bracket
9. Guide rail

*10. Center guide & stop

*10a. Center guide

*11. Door stop (bottom mount)

*11a. Door stop (Jamb mount)

*12. Jamb latch

*12a. Center door latch

*13. Door pull

*14. Door Astragal

*Note: These items are not shown in the diagram, but are required for a complete door system installation.

HOW TO FIGURE A TAB-LOC ALL STEEL SLIDING DOOR

- What size opening to be covered? It’s best to utilize standard sizes.
- Will door be double or single panel?
- Height should be the same as opening, which assumes door will lap trackboard 1/2", leaving 3’-1" gap for clearance under door.
- Determine rail to be used (i.e. box, round) and determine style (i.e. face mount, top mount).
- Include Flashing (required) and other accessories such as end caps, splice collars, flashing brackets, etc.
- Choose hanger to be used. Always use one designed for TAB-LOC. If door panel is 2x8 or larger, a third hanger should be used, or two tandem brackets.
- Figure two #6021 verticaks for each door panel, remember, if opening is using a double door, you’ll need four verticaks.
- In National price book next to size of #6021, check asterisk number (i.e. *6). This tells you how many laterals are needed.
- Order #9002 laterals to make width needed. If door panel is over 12’ wide, add one extra to stiffen bottom of panel or you must order #9007’s.

TAB-LOC lets one man assemble a steel door frame in 10 minutes.

The secret is our exclusive, patented locking tabs. These built-in fasteners are pre-purchased into the frame members. Just bend the tabs down into matching slots for a square, tight, permanent steel door frame. Unlike any other door frame, you don’t even need a level area for assembly. Once you’re familiar with TAB-LOC, 10 minutes is all it takes to get a frame ready to attach the siding. In fact, the door can be completed and hung in under an hour to previously installed rail.

The secret is our patented TAB-LOC system.

Applications for Installing Sliding Door on Building

After door frame has been completely assembled, fasten siding to frame. Install hangers and hang door.

• Check next to #9002 size for another asterisk number (i.e. *6) which tells you the minimum length of #9004 guide rail. Full length is best.
• Order #9024 guide rail. The heading will show number of #9005 guide rail brackets needed.
• Order #9025 brackets or a #9026 (w/ #9005) or #9027 (w/ #9005) kit, which includes instructions and bolts to attach to the building.
• For a double door, order two #9005 center guides/stops and if door panel is over 12’ wide and you did not add an extra #9002, order 2 #9007 center guides.
• Order the stops. Either #9008 base mounted or #9009 jamb mounted. If door is a single slide, one must be a #9008.
• Order #9026 center guide length is 12’6" long. If door panel is over 12’ wide, cut end 1/2".
• Order #9027 assembly tool.
• If door is in a bay window, fasten siding to frame.
• If needed, order #9025 Stiffer Strip.
EASY FRAME® STEEL & WOOD DOOR FRAME
for 1½” and 3½” wood laterals
For Box and Round Rail Systems

Materials Checklist

1. Rail cover
2. Rail
3. Hanger
4. Wood lateral (top) (2” x 6”)
5. Pre-finished, steel vertical
6. Wood lateral (bottom) (2” x 6”)
7. Door covering/siding
8. Continuous bottom guide rail
9. Guide rail bracket
10. Guide rail
*11. Center guide & stop (for bi-parting doors)
*11a. Center guide (for larger, single doors)
*12. Door stop (bottom mount)
*12a. Door stop (Jamb mount)
*13. Jamb latch
*13a. Center door latch (for bi-parting doors)
*14. Door pull
*15. Door Astragal

*Note: These items are not shown in the diagram, but are required for a complete door system installation.

Intermediate Laterals
Wood 2X4’s laid flat may be used as intermediate laterals if desired.
**TAB-LOC™**

6021 Door Verticals—Pre-finished, self-flashing, 16 gauge galvanized steel verticals. Door covering slides into channel of vertical for a clean, smooth fit. No flashing needed—vertical provides a clean, finished edge. Available in 7 to 17 ft. in one-foot increments.

6025 - Boxed Hardware for TAB-LOC™ doors includes: 3 - #6005 guide rail brackets; 3 - 5⁄16" bolts, nuts, washers to attach #6004 guide rail to brackets; 6 - 5⁄16" x 2 1⁄2" carriage bolts, nuts, washers to attach brackets to building, plus directions.

6026 Boxed Hardware for TAB-LOC™ doors includes: 5 - #6005 guide rail brackets; 5 - 3⁄8" bolts, nuts, washers to attach #6004 guide rail to brackets; 10 - 3⁄8" x 2 1⁄2" carriage bolts, nuts, washers to attach brackets to building, plus directions.

**EASY-FRAME®**

6060 11⁄2" Door Verticals—Self-flashing verticals with powder coated white finish over galvanized 16-gauge steel. Pre-punched on 24" centers for attaching 1 1⁄2" lateral members.

6061 11⁄2" Continuous Bottom Guide—For use on wood frame doors. When nailed to the bottom of a 1 1⁄2" wood framed door, the continuous bottom guide engages with the No. 6004 Guide Rail to prevent damage to door or building.

6062 3⁄4" Continuous Bottom Guide—Same as 6061 Bottom Guide for attaching to 3⁄4" wood framed doors.

6063 4" x 2" Flange—For attaching 4" long anchors to concrete foundation.

6064 3⁄4" x 1 1⁄2" Flange—For attaching 3⁄4" long anchors to concrete foundation.

6065 2" x 2" Flange—For attaching 2" long anchors to concrete foundation.

6067 1 1⁄2" x 1 1⁄2" Flange—For attaching 1 1⁄2" long anchors to concrete foundation.

6068 Single Door Stop—Engages bottom of single TAB-LOC™ door in the open and closed position and prevents wind damage. Fastens to building with No. 6005 Guide Rail Bracket. Guide rail also used with 6001/6062 Continuous Bottom Guides.

**TAB-LOC™ AND EASY-FRAME® Accessories**

6004 Guide Rail—Engages the bottom lateral of TAB-LOC™ doors to hold the door in place and prevent wind damage. Fastens to building with No. 6005 Guide Rail Bracket. Guide rail also used with 6001/6062 Continuous Bottom Guides.

6006 Center Guide and Stop for Bi-Parting Doors—For use in pairs. The 6006 is a heavy-duty center guide and stop that engages bottom lateral of TAB-LOC™ doors in closed position. Also used with 6061/6062 Continuous Bottom Guide.

6007 Center Guide for Single Doors—For use in pairs. The 6007 is a center guide for single TAB-LOC™ door and is recommended for use where a long reach is necessary. Used with 6061/6062 Continuous Bottom Guide.

6008 Single Door Stop—Engages bottom of single TAB-LOC™ door in the open and closed position and prevents wind damage. Fastens to building with No. 6005 Guide Rail Bracket. Guide rail also used on wood framed doors using the No. 6061 or 6062 Continuous Bottom Guide.

1254 Center Door Latch—Cam action, adjustable hook holds bi-parting doors tight. For wood doors 1 1⁄2" or thicker.

1264/1265 Jamb Latches—A cam-action latch designed to hold wood or metal sliding doors firmly in place against the door jamb. Also used on end gates, stake panels on trucks and other closures on farm buildings. Adjustable 4 inch hook. For right or left-hand installation. Handle of No. 1265 Latch can be used as a stop when door is in fully open position—simply flip handle approximately 180 degrees.

1268 Single Door Stop—Engages bottom of single TAB-LOC™ door in the open and closed position and prevents wind damage. Fastens to building with No. 6005 Guide Rail Bracket. Guide rail also used on wood framed doors using the No. 6061 or 6062 Continuous Bottom Guide.

6000T TAB-LOC™ Assembly Tool—This tool is helpful in bending the special locking tabs into slots on frame.

6003 TAB-LOC™ Stiffener Strip—12c length used to strengthen 14c and above #6021 TAB-LOC™ verticals when used in high wind areas. Flat strip slides into vertical before laterals are installed.

6059 3⁄4" Door Verticals—Self-flashing verticals with powder coated white finish over galvanized 16-gauge steel. Pre-punched for attaching 3⁄4" lateral members. Also available in non-punched 16-gauge galvanized finish.

6069 Jamb Mount Door Stop—For use where a long reach is necessary. This tool is helpful in bending the special locking tabs into slots on frame.

6060 11⁄2" Door Verticals—The galvanized 16 gauge laterals are pre-punched at each end for easy attaching to vertical members. All laterals have hanger holes pre-punched and can be used as either top, bottom or intermediate door members. Available in 4 to 20 ft. sections.

6059 Center Door Latch—Cam action, adjustable hook holds bi-parting doors tight. For TAB-LOC™ or EASY-FRAME® doors 1 1⁄2" or thicker.

6027 Door Astragal—For use in pairs. The 6027 is a prefinished, white, extruded aluminum used to cover the gap between bi-parting doors. The unique design allows it to wrap around the flashing channel of the vertical. Astragal fits both TAB-LOC™ and EASY-FRAME® doors and attaches with pop rivets. Available in 10, 12, 14, and 16 foot lengths.

6007 Center Guide—For use in pairs. The 6007W is a heavy-duty center guide for single or bi-parting MAX EASY-FRAME® doors and is recommended for single doors 16 foot and wider, plus bi-parting MAX EASY-FRAME® door systems. Should be installed in the center of the opening and works with the 6002 bottom lateral.

605 Guide Rail Bracket—For use with No. 6004 Guide Rail. Slotted hole in each leg allows both lateral and vertical adjustments. Bolts, nuts and washers included.

1253 Center Door Latch—Cam action, adjustable hook holds bi-parting doors tight. For TAB-LOC™ or EASY-FRAME® doors 1 1⁄2" or thicker.

1262/1263 Jamb Latches—Cam action and adjustable hook holds door firmly against the jamb. 1262 has 7 in. hook; 1263 has 4 in. hook.

6000T TAB-LOC™ Assembly Tool—This tool is helpful in bending the special locking tabs into slots on frame.

6003 TAB-LOC™ Stiffener Strip—12c length used to strengthen 14c and above #6021 TAB-LOC™ verticals when used in high wind areas. Flat strip slides into vertical before laterals are installed.

6027 Door Astragal—A prefinished, white, extruded aluminum used to cover the gap between bi-parting doors. The unique design allows it to wrap around the flashing channel of the vertical. Astragal fits both TAB-LOC™ and EASY-FRAME® doors and attaches with pop rivets. Available in 10, 12, 14, and 16 foot lengths.

6007 Center Guide for Single Doors—For use in pairs. The 6007 is a center guide for single TAB-LOC™ door and is recommended for doors 12 foot and wider. This should be installed in center of opening. Also used with 6061/6062 Continuous Bottom Guide.

6027 Door Astragal—A prefinished, white, extruded aluminum used to cover the gap between bi-parting doors. The unique design allows it to wrap around the flashing channel of the vertical. Astragal fits both TAB-LOC™ and EASY-FRAME® doors and attaches with pop rivets. Available in 10, 12, 14, and 16 foot lengths.

6009 Jamb Mount Door Stop—For use where a long reach is necessary. This tool is helpful in bending the special locking tabs into slots on frame.
ADDITIONAL ACCESSORIES
For a complete listing of all available hardware, see your retailer.

17 Door Bumper—Sturdy, heavy-duty bumper, protects barn or industrial doors from 2¾” to 3¾” thick.

316 Adjustable Door Bumper—Heavy-duty, adjustable for single sliding or bi-parting doors from 2¾” to 3½” thick.

20 Single Door Guide—Adjustable to maximum 3” door.

322 Door Guide—Heavy-duty center floor guide for bi-parting and single sliding metal or wood doors. Smooth ramp on each side prevents tire cutting. Mounts on conventional single-support, corner-iron frame. Derlin® wheel assures smooth operation. Adjustable for doors up to 2¾” thick.

318 Stay Roller—For heavy-duty use. Slides in frame provide adjustment for holding sliding doors against wood walls or posts. Sturdy steel frame. Reversible. For doors up to 2¾” thick.

319—Heavy-Duty Stay Roller with Derlin® wheel and 3/8” x 1¼” lag screw with expansion shield. For doors of any thickness.

6 Door Pull—Extra heavy for variety of applications. White enameled, zinc, galvanized or black. Length 6½”, width 1½”.

1134 Slide Bolt Latch—For doors and gates swinging in or out. Handle serves as pull. May be padlocked. Zinc plated or satin black finishes.

1135 Latch—Sturdy, easy-operating, all purpose latch. Handle serves as a pull latch to right or left. The latch bar securely attached with two sets of guides and back plates, which provide a bearing surface for the bar and eliminate “grooving” of the wood as bar is moved back and forth. Extra strong bar strike has rounded edges. Ideal for horse barns and extra strong bar strike with rounded edges. Sturdy steel body with weather proof finish, reversible. For doors up to 3¾” thick.

317 Adjustable Door Bumper—For by-passing or single sliding doors of greater thickness than No. 316 will accommodate. For 4½” to 6” thick doors.

20-2 By-passing Door Guide—Adjustable to maximum 3” door.

325 Door Guides—Extra wide guides ideal for compartmental metal/wood doors. Easy to install. Fasteners not furnished, but guides have holes for screws as well as larger holes for 3/8” lag-screw mounting. Guide is adjustable for doors 3” to 5½” thick. Curved section of guide may be turned sideways allowing smooth access when installing screws.

18 Stay Roller—Embossed frame with two slings provides greater lining and holding strength than conventional single-support, corner-iron frame. Derlin® wheel assures rust-free operation. Adjustable. For doors up to 2½” thick.

138 Latch—Similar to No. 13 but furnished with extra strong bar strike with rounded edges. Sturdy one-half inch thick bar strike eliminates breakage. Can be padlocked. Cam action between handle and bar strike holds door tightly closed preventing door rattle.

6017 Adjustable Reinforcing Strap—Distributes the weight of door equally between the top and 2nd lateral by securely fastening them together. Adjustable from 30.50 inches to 19.38 inches. Used on doors with 3½” latals at hanger locations.

6018 Rigid Reinforcing Strap—Distributes the weight of door equally between the top and 2nd lateral by securely fastening them together. Fixed size of 30.50 inches. Used on doors with 3½” latals at hanger locations.

6019 Hanger Reinforcement Kit—Bolstered extension kit attaches to swing bolt hangers to secure fastening them together. Fixed size of 30.50 inches. Used on doors with 3½” latals at hanger locations.

832 Barrel Bolt—Extra heavy for use on doors, stock rooms, farm buildings and situations where additional security is desired. Furnished with surface and universal strikes. Can be padlocked. Steel body with rust resistant, zinc-plated finish.

835 24” Cane Bolt—Adjustable through bolt. Self-locking when mounted vertically.

MAX EASY-FRAME®

A VARIETY OF ACCESSORIES WILL COMPLETE YOUR DOOR SYSTEM:
• Center guides and stops for single and bi-parting doors
• Jamb and center latches
• Pulls
• Astragals for bi-parting doors
• Tandem Brackets for heavy doors

To learn how this new door frame system can save you both time and money, please contact the Stanley / National Farm and Commercial Sliding Door Systems Team at 800.346.9445.

Both adjustable and rigid steel reinforcing straps provide added flexibility in the door frame assembly to distribute loads between laterals.

Self-locking verticals are made of heavy duty, 16 gauge steel and are powder-coated white or galvanized to ensure durability and longevity.

Assembly is simple and fast with Max Easy-Frame®. Our steel laterals easily slide into self-locking steel verticals and attach with our self-drilling screws.

New pull/center latch available as an accessory.

Our new, integrated bottom guide system is designed to engage the bottom lateral, this system holds the door firmly against the building to help prevent wind damage.

3½” wide, top, and intermediate laterals are available in 16 or 20 gauge steel depending on your door size and wind load requirements. These laterals can also be used in 1½” doors.

FOR MORE INFORMATION ON OUR ACCESSORIES OR THE MAX EASY-FRAME® SYSTEM CONTACT THE STANLEY / NATIONAL FARM AND COMMERCIAL SLIDING DOOR SYSTEMS TEAM AT 800.346.9445.
**ASSEMBLING AND INSTALLING**

**3.5” Max EASY-FRAME® STEEL DOORS**

**STEP 1:** Preliminary layout:
Once it is determined that verticals are the right length for the door height and lateral(s) are the right length for the door width, lay verticals with front side of door up on 4 saw horses set diagonally. Evenly place the laterals into the verticals with the open side toward the ground. The top lateral should be flush with top of the vertical. Bend the tabs at the bottom of the verticals in 90 degrees. The 6053 bottom lateral is placed on top of these tabs and should have the lip that the siding sits on up towards the front side of the door.

**STEP 2:** Connect the laterals to the front side of the verticals:
Check that frame is square by measuring diagonally in both directions. The top lateral and the second lateral should be spaced to accept the 6017 adjustable reinforcing strap 18” - 30 1/2” or the 6018 rigid reinforcing strap that requires 30 1/2” spacing. Hint, use the 6017 or the 6018 to achieve this proper spacing. The remaining laterals should be evenly spaced. After verifying correct spacing, using a #12 x ¾” SD3 panhead quadrex self drilling screw, (Recommended driver fit #2 size) drive 1 screw through the front side of the vertical into each of the laterals, while making sure the lateral is pushed tightly into the vertical. Warning, the screws going into each end of the 6053 bottom lateral must be installed ½” from the top of this lateral as to not interfere with the guide rail that will run inside this part after installation.

**STEP 3:** Connect the laterals to the back side of the verticals:
Re-check that frame is square by measuring diagonally in both directions. Frame can easily be moved into square at this time. After locating on the underside of the vertical the scored screw locator line (keeps your screws from walking) use the same #12 x ¾” self drilling screws and drive screws into each of the legs of the lateral(s) 2 screws per each end of each lateral from the underside, while making sure the lateral is pushed tightly into the vertical. Just use 1 screw on the special 6053 bottom lateral, remembering to keep it ½” from the top of this lateral.

**STEP 4:** Install the 6017 or 6018 reinforcing straps:
Again using the #12 x ¾” self drilling screws install between the top and the second lateral either your 6017 or 6018 reinforcing straps over each of the 1/2” hanger bolt holes located 1” from the inside edge of the door lateral (used with 1 1/2” track board), or over the 1/2” hole in the center of the lateral (used with 3” track board). Warning, the 6017 or 6018 reinforcing straps must be installed with the wide 3 ½” side running parallel to the verticals.

**STEP 5:** Install trolleys:
At this time install your trolley hangers. When using the 5090 tandem bracket install the completed assembly with hangers at this time. Make preliminary adjustment on hanger assembly to throw your door away this time. Make preliminary adjustment on hanger assembly to throw your door away this time. After locating on the underside of the vertical, the scored screw locator line (keeps your screws from walking) use the same #12 x ¾” self drilling screws and drive screws into each of the legs of the lateral(s) 2 screws per each end of each lateral from the underside, while making sure the lateral is pushed tightly into the vertical. Just use 1 screw on the special 6053 bottom lateral, remembering to keep it ½” from the top of this lateral.

**STEP 6:** Hang the door:
Warning, the frame can not be hung on the track without any of the siding attached. The best way to prevent damage to the door is to always lift the door by hand, but we realize that many doors will be lifted mechanically. Now is the final time to check that the frame is still square. Once this is done lay out your steel as it will go on the door, and install all the steel if lifting and hanging the door by hand. Install the center 1 or 2 sheets and both edge sheets if lifting mechanically. If lifting mechanically attach 1 chain as near as possible behind the leading hanger and reinforcing strap and attach the second chain as near as possible behind the trailing hanger and reinforcing strap.

**Recommended Trolleys:**
- Square Track 5030 or 5070
- Round Track 5310 or 5360
- 5090 Tandem Bracket Double Rail
  - Capacity 450 = 900 Lbs or 600 = 1200 Lbs
- Tandem Bracket Double Rail Capacity:
  - Example normal cap 450 Lbs with Tandem Bracket is 900# same with 600 to 1200
5090 TANDEM BRACKET

1) Insert hex head bolt through hole in trunnion. (see fig. "A")

2) VERY IMPORTANT: Thread hex nut onto bolt leaving 1/2" to 9/16" of thread exposed. (see fig. "A")

3) Insert bolt in hole of tandem bracket with crown of bracket up as shown. (see fig. "A")

4) Thread second nut with lock washer onto bolt and tighten securely.

5) Repeat for other truck assembly. Final product should look like fig. "B".

Can be used with either box or round rail to double the weight carrying capacity by adding an extra pair of hangers to a door panel, in lieu of using 3 hangers per door panel.

1266 PULL CENTER LATCH®

Pull Center Latch Parts®

- 6050 #12 x 1¼ Self Drilling Screws
- 1266 Center Latch
- 1266 Pulls

1266 Pulls require a minimum lateral width of 2 1/2"
No. 5100 Rail—Top mount. 16 gauge galvanized steel. Mounting/flashing brackets welded to the rail on 2 foot centers. No separate brackets or rail couplings needed. For doors weighing up to 450 lbs. per panel.

No. 5103 Hi-Tensile Steel Rail—Top mount. 16 gauge galvanized steel. For doors weighing up to 600 lbs. per panel when used with steel roller bearing hangers.

No. 5104 White Covered Rail—Top mount. 16 gauge galvanized steel. One piece design features a durable, white pre-finished cover, permanently welded to rail—fast, simple installation without mounting brackets. For doors weighing up to 450 lbs. per panel.

No. 5105 Rail—Top mount. 16 gauge galvanized steel. For interior doors, and exterior doors that travel inside the building and for horse stall doors. Mounting bracket welded to the rail on 2 ft. centers. Just nail the rail to the track board with ring-shank, neoprene washer nails. No separate brackets or rail couplings required. For doors weighing up to 450 lbs. per panel. For use where flashing is not required.

No. 5110 Rail—Face mount. 16 gauge galvanized steel. Welded-on mounting brackets on 2 ft. centers make rail installation fast and easy. Rail is simply attached to building with lag screws. No rail splicing brackets required, as end bracket of each piece of rail overlaps next length for perfect alignment and tight joint. For doors weighing up to 450 lbs. per panel.

No. 59 Covered Rail—Face mount. 16 gauge galvanized steel. A face mounted rail with 18-gauge cover spot-welded on top of rail. No brackets required as cover provides a continuous bracket. For doors weighing up to 450 lbs. per panel.

No. 5120 Flashing—For Easy-Mount® Rail No. 5100 and 5103. 10¢ sections, white finish, 28 gauge steel. End cap can be made by modifying flashing.

No. 5122 Flashing—For No. 59 rail. 10¢ sections, white finish, 28 gauge steel. End cap can be made.

No. 5151 Flashing Bracket—For 5120 flashing. Galvanized steel.

No. 5102B Flashing Bracket—For 3” track board.

No. 5116 Rail—For doors weighing up to 450 lbs. per panel. 16 gauge galvanized steel rail bundled without fasteners or brackets. Can be used with various types of single and multiple brackets.

No. 5114 Hi-Tensile Steel Rail—Same as 5116, except for doors weighing up to 600 lbs. per panel when used with steel roller bearing hangers.

No. 51R Rail Curves—16 gauge galvanized steel. Use with 5114 and 5116 Rail. Available in 30° radius for doors up to 4 ft. wide.

No. 51ED End Caps—Galvanized steel. For 16 gauge Rail. Used to cap rail end, and also used as center stop using 3⁄8” x 2” carriage bolt (not incl.).

No. 51H Wall Mount Single Bracket—Used at two foot intervals to hang rail to the side of building.

No. 51G Wall Mount Single Joint Splice Bracket—A splice bracket with set screws to join two lengths of rail.

No. 51H Wall Mount Double Bracket—Adjustable. For by-passing doors. Used at two foot intervals to hang rail to side of building.

No. 51HS Wall Mount Double Joint Splice Bracket—Adjustable. For joining rail sections in a parallel run.

No. 51M Single Bracket—Adjustable. Used to hang rail to the side of the building. Ideal for use on corrugated siding.

No. 51MS Single Joint Splice Bracket—Adjustable. A splice bracket with set screws to join two lengths of rail in a single run. Ideal for use on metal-sided buildings.

No. 51M-2 Double Bracket—Adjustable. For by-passing doors. Used at 2 ft. intervals to hang rail to side of buildings. Ideal for metal-sided buildings.

No. 51MS-2 Double Splice Bracket—Adjustable. For joining rail sections in a parallel run. Ideal for metal-sided buildings.

No. 51L Wall Mount Triple Bracket—Adjustable. For triple by-passing doors. Used at two foot intervals to hang rail to side of building.

No. 51L2 Wall Mount Triple Joint Splice Bracket—Adjustable. For joining rail sections in a triple parallel run.

No. 51K Wall Mount Triangular Bracket—Adjustable. For joining rail sections in a triangular run.

No. 51KS Wall Mount Triangular Joint Splice Bracket—Adjustable. For joining rail sections in a triangular parallel run.

No. 51J Ceiling Mount Single Bracket—For hanging rail to overhead mounting. Mounting plate swivels for various installations.

No. 51JS Ceiling Mount Single Joint Splice Bracket—For joining two lengths of rail in overhead mounting. Mounting plate swivels for various installations.

No. 51F Wall Mount Single Bracket—Adjustable. For single by-passing doors. Used at 2 ft. intervals to hang rail to side of building.

No. 51FS Wall Mount Single Joint Splice Bracket—Adjustable. For joining rail sections in a single run.
SPECIALTY RAILS & ACCESSORIES

Lightweight Hanger

No. 56 Hanger—For doors up to 150 lbs. 51 series rail to bypass lightweight thin doors 0”-max

Heavy Door Hangers and Rail

No. 42 Hanger—For heavy sliding doors (up to 600 lbs. with 4114 rail and up to 1,000 lbs. with 4112 rail). Lateral and vertical adjustments. Packed with two end caps.

No. 42T Truck—The same hanger as No. 42 without the door strap with standard 4½” connecting bolt and two nuts for use on metal doors. Also available with 5½” bolt or without connecting bolt.

No. 4112 and 4114 Heavy Rails—Heavy-gauge steel, press formed to provide perfect tread for hanger wheels. When using 4114 Rail, space brackets 24” apart on doors weighing up to 600 pounds. When using 4112 Rail, space brackets 18” apart for doors up to 800 pounds, and 12” apart for doors up to 1000 pounds. Available in 8 and 10 ft. lengths.

No. 41ED End Cap—Sturdy, snug-fitting end caps pressed into rail eliminate any bird or weather problems by keeping track free of foreign materials. For #4112, 4114 box rail.

Heavy Rail Brackets

(For use with 4112 and 4114 rail)

41F Single

41G Splice

41J Ceiling

41JS Ceiling Splice

41J Less Plate

41H Double

41HS Double Splice

41HB Bracket

& Bolt Only

ROLL EASIER • LAST LONGER

Delrin 500CL Bearings are permanently self-lubricating. Our economical Delrin bearing hangers roll easier and last longer than many competitive steel bearing hangers. Requires only 9 lbs of pressure to start rolling door.

Steel Rollers Each side has 12 hardened alloy steel bearings. Requires only 4 lbs of pressure to start rolling door.

STANLEY National Hardware
**FLEXIBLE BOX HANGERS**

**DELRIN® 500CL BEARINGS**

**Offset Bolts**

The hangers below are for use on wood frame metal-clad doors using 2 x 4 or 2 x 6 frame. Offset 9" bolt adjusts both vertically and laterally from inside the door. Connecting bolts threaded 7/8", adjusts laterally 1" by turning offset bolt for desired clearance. Packed with four washers, four hex nuts, two end caps per pair.

No. 5022 Delrin® 500CL Bearings—For use on wood frame doors up to 450 lbs.
No. 5023 Delrin® 500CL Bearings—Same as 5022 except includes 17”, 15/8” x 2 3/8” lag bolts for mounting rail.
No. 5024 Delrin® 500CL Bearings—Same as 5022 except includes two 5151 flashing brackets for 5103 rail.

The hangers below are for use with TAB-LOC™ Steel Door Frames and have vertical and lateral adjustments made from inside. Door bolt threaded 5/16”. Offset 7/8” bolt allows 1” adjustment by turning bolt. Packed with two star washers, two hex nuts, two flange nuts and two end caps per pair.

No. 5030 Delrin® 500CL Bearings—For use on TAB-LOC™ steel frame doors up to 450 lbs.
No. 5040 Delrin® 500CL Bearings—Flexible hangers for use on wood frame sliding doors, laterally and vertically adjustable. Packed with two end caps and bolts for attaching door straps. For use on doors up to 450 lbs. 5/16” Strap length.
No. 1050 Strap Only
No. 5047 Delrin® 500CL Bearings—Flexible hangers for use on wood frame sliding doors. Double door strap has opposing holes for bolt mounting. Laterally and vertically adjustable. Hangers are packed with two end caps and bolts for attaching door straps. For use on doors up to 450 lbs.
No. 54 Strap Only
No. 5041 Delrin® 500CL Bearings—Flexible hangers for use on wood frame sliding doors. These hangers have vertical and lateral adjustments that can be made from outside the building. Offset bolt is threaded 4" with a lateral adjustment of 1" by turning bolt. For use on doors up to 450 lbs. 5/16” Strap length.
No. 1053A Strap Only
No. 5042 Delrin® 500CL Bearings—Same as 5041 except includes 9”, 15/8” x 2 3/8” lag screws for rail.
No. 5020 Delrin®—Flexible with drop strap. For use on doors up to 450 lbs when used in pairs with box rail.

**Door Straps**

No. 5080 Steel Roller Bearings—Flexible hangers for use on wood frame sliding doors, laterally and vertically adjustable. Packed with two end caps and bolts for attaching door straps. For use on doors up to 600 lbs. when used with Hi-Tensile rails—5103 and 5114.
No. 1050 Strap Only
No. 5087 Steel Roller Bearings—Flexible hanger for use on wood frame sliding doors. Double door strap has opposing holes for bolt mounting. Laterally and vertically adjustable. Hangers are packed with two end caps and bolts for attaching door straps. For use on doors up to 600 lbs. when used with Hi-Tensile rails—5103 and 5114. 5/16” Strap length.
No. 47 Steel Roller Bearings—Accordion door hanger for use in churches, schools, and auditoriums. Vertically adjustable. Mounting plate is not included. 1500# capacity.

No. 5005 Delrin® 500CL Bearings—For use on wood frame sliding doors, laterally and vertically adjustable. Hangers are packed with two end caps and bolts for attaching door strap. Door strap is 5 1/8” long. For use on doors up to 450 lbs.
No. 5005B Delrin® 500CL Bearings—Same as No. 5005 except includes 51F and one 51G rail brackets.
No. 5008 Delrin® 500CL Bearings—Double strap hanger for use on wood framed by glass sliding doors. Holes are staggered for screw mounting. Packed with screws and two end caps. Door strap is 4 1/8” long. For use on doors up to 450 lbs.
No. 5009 Delrin® 500CL Bearings—For round-the-corner or heavy folding door installations. Adjustable. Ball bearing swivels on hanger to assure smooth, easy operation. Packed with mounting bolts and two end caps. Door strap is 6 1/8” long. For use on doors up to 450 lbs.

**Trucks**

No. 5025 Delrin® 500CL Bearings—For use on wood frame sliding doors. These rigid hangers have both vertical and lateral adjustments that can be made from inside the building after installation. Bolt threaded 4", adjusts laterally 1 1/8” by turning offset bolt for desired clearance. Included are two washers and two hex nuts for each bolt. Bolt sizes 8 1/8” or 10 1/8”. For use on doors up to 600 lbs. when used with Hi-Tensile rails—5103 or 5114.
No. 5033 Steel Roller Bearings—For use on TAB-LOC™ doors. These rigid hangers have both vertical and lateral adjustments that can be made from inside the building after installation. Bolt threaded 4", adjusts laterally 1 1/8” by turning offset bolt for desired clearance. Included are one star washer, one flanged nut and one hex nut for each bolt. Bolt size is 8 1/8”. For use on doors up to 600 lbs. when used with Hi-Tensile rails—5103 or 5114.
No. 5052 Steel Roller Bearings—For use on wood lateral doors. These rigid hangers have both vertical and lateral adjustments that can be made from inside the building after installation. Bolt threaded 4", adjusts laterally 1 1/8” by turning offset bolt for desired clearance. Included are two washers and two hex nuts for each bolt. Bolt sizes 8 1/8” or 10 1/8”. For use on doors up to 600 lbs. when used with Hi-Tensile rails—5103 or 5114.
No. 5053 Steel Roller Bearings—For use on TAB-LOC™ doors. These rigid hangers have both vertical and lateral adjustments that can be made from inside the building after installation. Bolt threaded 4", adjusts laterally 1 1/8” by turning offset bolt for desired clearance. Included are two washers and two hex nuts for each bolt. Bolt sizes 8 1/8” or 10 1/8”. For use on doors up to 600 lbs. when used with Hi-Tensile rails—5103 or 5114.

**STEEL ROLLER BEARINGS**

**Offset Bolts**

No. 5001 Delrin® 500CL Bearings—Includes truck, connecting bolt and nuts. For use on doors up to 450 lbs. Bolt lengths available: 3 1/8”, 4 1/8”, 5 1/8” and 6 1/8”.

No. 5002 Delrin® 500CL Bearings—For use on wood frame doors up to 450 lbs. Bolt lengths available: 3 1/8”, 4 1/8”, 5 1/8” and 6 1/8”.

**Trucks**

No. 5000 Delrin® 500CL Bearings—Truck only. Durable one piece, precision formed steel. For use with all rail. For doors up to 450 lbs.
No. 5001 Delrin® 500CL Bearings—Includes truck, connecting bolt and nuts. For use on doors up to 450 lbs. when used with Hi-Tensile rails—5103 and 5114. Bolt lengths available: 3 1/8”, 4 1/8”, 5 1/8” and 6 1/8”.

**Conveyor Hangers**

No. 48 Steel Roller Bearings—Cast body. Single axle hanger is ideal for curtains in welding shops, spray booths, truck docks, and other industrial applications. For use with all rail. Hanger holds up to 150 lbs.
No. 50C Steel Roller Bearings—Cast body. Eye bolt hanger, with bumpers to protect wheels when hangers run together. For carrying electric cable on cranes and for use on conveyor systems. For use with all rail. Hanger holds up to 225 lbs.
**TYPICAL INSTALLATIONS**

**TOP MOUNT**

1-1/2" THICK DOORS

3-1/2" THICK DOORS

BY-PASS INSTALLATION

Detin Bearing (Rigid) 5022, (Flexible) 5022, 5023, 5024
Steel Roller Bearing: (Rigid) 5032, (Flexible) 5032, 5034

**TYPICAL TABLOC STEEL DOOR FRAME INSTALLATION**

Detin Bearing (Flexible) 5030
Steel Bearing (Rigid) 5053

**DOOR STRAP INSTALLATIONS**

**16 GAUGE BOX RAIL AND HANGERS**

Load Carrying Table (In Pounds Per Door Panel)

<table>
<thead>
<tr>
<th>NEW #</th>
<th>5050</th>
<th>5051</th>
<th>5052</th>
<th>5053</th>
<th>5055</th>
<th>5056</th>
<th>5057</th>
<th>5058</th>
<th>5059</th>
<th>5060</th>
<th>5061</th>
<th>5062</th>
<th>5063</th>
<th>5064</th>
<th>5065</th>
<th>5066</th>
<th>5067</th>
<th>5068</th>
</tr>
</thead>
<tbody>
<tr>
<td>5050</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5051</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5052</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5053</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5054</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5055</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5056</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5057</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5058</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5059</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5060</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5061</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5062</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5063</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5064</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5065</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5066</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5067</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5068</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Many hangers are specially packaged for a particular rail; however, any hanger in this table can be used with any rail in this table for doors up to 450 lbs.*

---

**TRACKMASTER™ ROUND RAIL DOOR SYSTEMS**

Round Rail and Round Hangers

[Image of round rail and round hangers]

*STANLEY National Hardware*
**TrackMaster™ Benefits**

TrackMaster rail and hangers combine the easy mounting features and stability of box-rail with the smooth operation of round. The result is a round-rail system that is easier-to-install, easier-to-operate, self-cleaning, and longer-lasting. Supporting a 600 lb. door, TrackMaster hangers have been torture tested without failure through over 10,000 cycles of opening and closing a door! (That’s opening and closing the door once a day for 30 years!)

- Corrosion-resistant, zinc-plated truck frame
- Advanced rail design with flat top and sides for easier mounting and better stability. Round body for self-cleaning and smoother operation.
- Strong, induction-hardened, zinc-plated steel axles
- Flexible trunnion design so door resists damage and adjusts easier.

**TrackMaster™ is interchangeable with other brands of round rail and hangers.**

TrackMaster™ Hangers can be used with Cannonball® and Combo brand® rail—and vice versa. So, when you add National TrackMaster Round, you can supply replacement components to current customers.

*Cannonball® and Combo® are registered trademarks of Cannonball Industries, Inc. and Combo Corp.*

- Precision ground and hardened steel roller bearings for longer, smoother operation.
- Quiet, smooth rolling Delrin® wheels hold up to a 600 lb. door per pair.
- Hardened steel wheels with steel roller bearings hold up to a 600 lb. door.

**TrackMaster “ROUND” Checklist**

**Rail**
- 5400 Plain Rail (6” - 24”)
- 5403 Plain Rail (9” - 30”)
- 5415 Top Mount Rail (6” - 24”)
- 5418 Top Mount Rail (9” - 30”)
- 5419 Top Mount Rail (9” - 30”) with Flashing Bracket

**Door Frames**
- TAB-LOC™ (Steel) 6021, 6002, Easy Frame® Verticals (Steel and Wood) 6060, 6059 Max Easy Frame®

**Bottom Guide**
- Continuous Bottom Guide 6021, 6002, 6023

**Accessory Hardware**
- Pulls, Stops, Latches, etc.

**Rail/Mounting Brackets**
- 5411 Adj. Single Bracket
- 5418 Rail Bracket only
- 5413 Adj. Single Splice Bracket
- 5412 Adj. Single Splice Bracket

**Flashing and Flashing Brackets**
- 5434 Snap-On Flashing Bracket (1½” door)
- 5437 Snap-On Flashing Bracket (3½” door)
- 5440 Track Board Flashing (1½” door)
- 5444 Track Board Flashing (3½” door)

**Hangers**
- Delrin® Wheels, Flexible Tumbler, Steel Roller Bearings
- Offset Bolt (1½” or 3½”)
- Door Stop (1½” or 3½”)

**Hardened Steel Wheels, Flexible Tumbler, Steel Roller Bearings**
- 5380 Door Stop
- 5381 Door Stop (1½” or 3½”)
- 5382 Door Stop (3½”)
- 5383 Door Stop with Outside Adjustment

---

**Corrosion-Resistant, Zinc-Plated Truck Frame**

**Strong, Induction-Hardened, Zinc-Plated Steel Axles**

**Flexible Trunnion Design so Door Resists Damage and Adjusts Easier.**

**Advanced Rail Design with Flat Top and Sides for Easier Mounting and Better Stability. Round Body for Self-Cleaning and Smoother Operation.**

**TrackMaster™ is interchangeable with other brands of round rail and hangers.**

TrackMaster™ Hangers can be used with Cannonball® and Combo brand® rail—and vice versa. So, when you add National TrackMaster Round, you can supply replacement components to current customers.

*Cannonball® and Combo® are registered trademarks of Cannonball Industries, Inc. and Combo Corp.*
trackMaster™ round rail

No. 5400 Plain Rail
Separate face-mount brackets. For doors weighing up to 600 lbs. per panel. Fourteen gauge galvanized steel bundled without fasteners or brackets. For use with various types of single and multiple brackets. In 6" to 24" lengths.

RAIL BRACKETS

No. 5410 Single Bracket. Wall mount. Used at two-foot intervals to bring rail to side of building. 10 each (193-862), 25 each (193-854)

No. 5411 Single Splice Bracket. Wall mount. A splice bracket with set screws to join and hold two lengths of rail together. 10 each (193-870)

No. 5412 Adjustable Single Bracket. Wall mount. Used at two-foot intervals to bring rail to side of building. Ideal for use on corrugated siding due to narrow surface. 10 each (193-888)

No. 5413 Adjustable Single Splice Bracket. Wall mount. A splice bracket with set screws to join and hold two lengths of rail together. 10 each (193-896)

No. 5414 Adjustable Double Bracket. Wall mount. Used at two-foot intervals to bring double runs of rail to side of building for bypass installation. Ideal for use on corrugated siding due to narrow surface. 10 each (193-904)

No. 5415 Adjustable Double Splice Bracket. Wall mount. A splice bracket with set screws to join and hold two double lengths of rail together. 2 each (193-912)

No. 5418 Rail Bracket Only. No lag bolts. Packed with bolt, nut and washer. 50 each (193-920)

No. 5419 Rail Splice Bracket Only. No lag bolts. Packed with bolt, nut and washer. 10 each (193-938)

No. 5433 Top Mount Rail. Welded-on top mount brackets (2 foot O.C.). For doors weighing up to 600 lbs. per panel. Fourteen gauge galvanized steel. Welded on mounting brackets for fast, easy installation. Just nail the rail to track board. If flashing is required, use our #5436, 5437 Snap-On Flashing Brackets. For 1 1/4" doors use our #5465 flashing and 5438 brackets. Rail in 8' to 20' lengths.

No. 5430 Face Mount Rail. Welded-on face mount brackets (2 foot O.C.). For doors weighing up to 600 lbs. per panel. Fourteen gauge galvanized steel. Welded on mounting brackets for fast, easy installation. If flashing is required, use our Snap-On Flashing Brackets #5436 or 5437. For 1 1/4" doors use our #5460 flashing and 5438 bracket. Rail in 8' to 20' lengths.

No. 5460 Top Mount Rail with Attached Flashing Brackets. Welded-on top mounting brackets (2 foot O.C.). For doors weighing up to 600 lbs. per panel. Fourteen gauge galvanized steel. No. 5465 flashing fits easily over rail and bracket. Rail in 8' to 20' lengths.

Unique Snap-On Flashing Bracket For 1 1/2" or 3 1/2" thick doors.

No. 5436 1 1/2" Door Snap-On Flashing Bracket. For use with nos. 5430/5433 rails. Flashing from alternate source. Galvanized steel. 50 each (194-001)

No. 5437 3 1/2" Door Snap-On Flashing Bracket. For use with nos. 5430/5433 rails. Flashing from alternate source. Galvanized steel. 50 each (194-019)

No. 5408 Rail End Cap. No lag bolts. Packed with bolt, nut and washer.

No. 5405 Splice Collar. Unique design supports the end of two rails while not interfering with flat mounting surface of rail. No fasteners required. Simply slide onto rail while installing. Use with #5430, 5433 and 5460 rails. 10 each (193-847).

No. 5450 Face Mount Flashing. For 5430 rail and 5436 Flashing Brackets. Ten-foot sections. White finish. Twenty-eight gauge steel. 10 each (194-027) For 1 1/4" doors.

No. 5455 Top Mount Flashing. For 5433 rail and 5436 Flashing Brackets. Ten-foot sections. White finish. Twenty-eight gauge steel. 10 each (194-035) For 1 1/4" doors.
**TrackMaster™ Round Hangers**

**Flexible Hangers with Hardened Steel Wheels**

Hardened steel wheel hangers for doors weighing up to 600 lbs. All National TrackMaster™ hangers have corrosion-resistant, zinc-plated strong steel trucks and induction-hardened zinc-plated steel axles for longer life. Plus steel roller bearings of precision-ground hardened steel with sealed bearing chamber and advanced-design seal. This results in a longer lasting, easier rolling door system.

---

**No. 5351 Straight Bolt Hanger**

Steel wheels. Flexible trunnion straight bolt with nuts 5” (193-649) bolt lengths. Capacity 600 lbs./pr.

**No. 5352 Offset Bolt Hanger**

Steel wheels. Flexible trunnion. For wood frame metal-clad doors using a 2 x 6 top lateral. Offset 9” bolt (with 7” thread) adjusts door vertically (7”) and laterally (1”) from inside the building. Packed with four washers and four hex nuts. Capacity 600 lbs./pr. (193-656)

**No. 5360 TAB-LOC™ Hanger**

Steel wheels. Flexible trunnion. For use with TAB-LOC steel door frames. Offset 7½” bolt (with 5½” thread) adjusts door vertically (5½”) and laterally (1”) from inside the door. Packed with two star washers, two hex nuts, two flange nuts. Capacity 600 lbs./pr. (193-664)

**No. 5380 Door Strap Hanger**

Steel wheels. Flexible trunnion hanger for use on wood frame sliding doors. Laterally and vertically adjustable. Packed with bolts for attaching door straps. Capacity 600 lbs./pr. (193-672)

**No. 5382 Adjustable Door Strap Hanger**

Steel wheels. Flexible trunnion hanger for use on wood frame sliding doors. Hanger has 7½” offset bolt with (2½”) vertical and (1”) lateral adjustments that can be made from outside the building. Packed with bolts for attaching door straps. Capacity 600 lbs./pr. (193-680)

---

**No. 5301 Straight Bolt Hanger**

Delrin® wheels. Flexible trunnion straight bolt with nuts 3½” (193-698) or 5” (193-706) bolt lengths. Capacity 600 lbs./pr.

**No. 5302 Offset Bolt Hanger**

Delrin® wheels. Flexible trunnion. For wood frame metal clad doors using a 2 x 6 top lateral. Offset 9” bolt (with 7” thread) adjusts door vertically (7”) and laterally (1”) from inside the building. Packed with four washers and four hex nuts. Capacity 600 lbs. (193-714)

**No. 5306 With Heavy Single Door Strap**

Delrin® wheels. Flexible trunnion for use on wood frame doors. Satin black finish. (208-504)

**No. 5310 TAB-LOC™ Hanger**

Delrin® wheels. Flexible trunnion. For use with TAB-LOC™ steel door frames. Offset 7½” bolt (with 5½” thread) adjusts door vertically (5½”) and laterally (1”) from inside the building. Packed with two star washers, two hex nuts, two flange nuts. Capacity 600 lbs./pr. (193-722)

**No. 5330 Door Strap Hanger**

Delrin® wheels. Flexible trunnion hanger for use on wood frame sliding doors. Laterally and vertically adjustable. Packed with bolts for attaching door straps. Capacity 600 lbs./pr. (193-730)

**No. 5332 Adjustable Door Strap Hanger**

Delrin® wheels. Flexible trunnion hanger for use on wood frame sliding doors. Hanger has 7½” offset bolt with (2½”) vertical and (1”) lateral adjustments that can be made from outside the building. Packed with bolts for attaching door straps. Capacity 600 lbs./pr. (193-748)
Merchandising

Track and Hanger Signs
Overall Size is 44” wide x 24” high

T&HSign1 (44” wide x 6” high)

T&HSign2

A (11”w x 18”h)  B (11”w x 18”h)  C (11”w x 18”h)  D (11”w x 18”h)