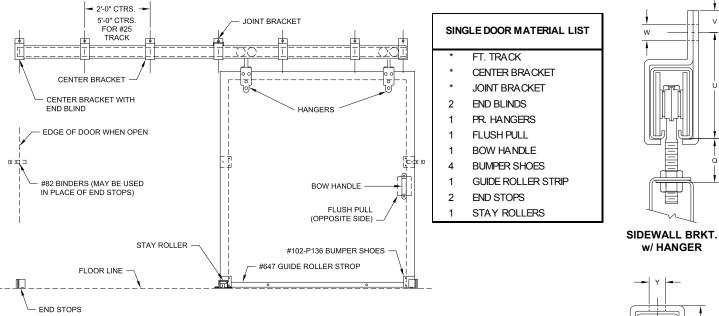
## Hardware Sets FOR WOOD AND METAL DOORS



### **Single Sliding Doors**

These complete sets contain the following hardware:

### **Quantity Item**

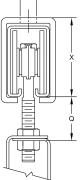
- 1 Pair Hangers.
- \* Sufficient Lock-Joint track (approximately twice width of opening).
- 2 End Blinds.
- \* Sufficient Center and Lock-Joint Track Brackets. (Spaced on approximately 2'0" centers). \*†
- 1 Bow Handle.
- 1 Flush Pull.
- 2 Pair Bumper Shoes.
- 2 Floor End Stops.
- 1 Stay Roller.
- \* Sufficient Guide Roller Strip.
- \* Fasteners \*\*

#### Notes:

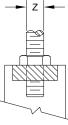
- \* Bolt hole spacing for center stop bracket shown in chart on page 4.
- + For 25 brackets, maximum center spacing is 5'0"for 2,500 lb. capacity.
- † For 25 brackets, maximum center spacing is 2'0"for 5,000 lb. capacity.

\*\* Hardware sets include proper fasteners to attach the hardware to the door. Fasteners to attach the hardware to the wall and floor are excluded.

## See Page 4 for Dimensions and Ordering Instructions.



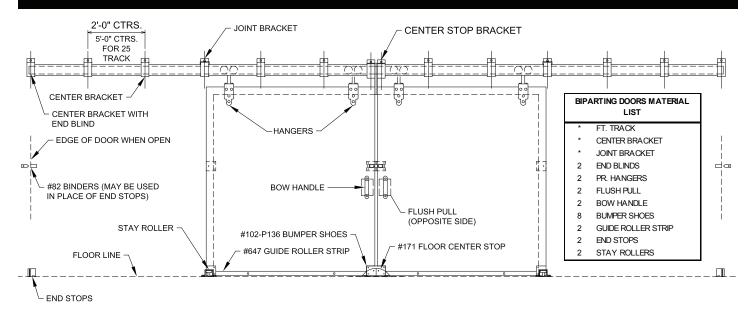
OVERHEAD BRKT. w/ HANGER



TRUCK ONLY



## Hardware Sets FOR WOOD AND METAL DOORS



### **Bi-Parting Sliding Doors**

These complete sets contain the following hardware:

### **Quantity Item**

- 2 Pair Hangers.
- \* Sufficient Lock-Joint track (approximately twice width of opening).
- 1 Center Stop Bracket. \*
- 2 End Blinds.
- \* Sufficient Center and Lock-Joint Track Brackets. (Spaced on approximately 2'0" centers). \*†
- 2 Bow Handle.
- 2 Flush Pull.
- 4 Pair Bumper Shoes.
- 2 Floor End Stops.
- 2 Stay Roller.
- \* Sufficient Guide Roller Strip.
- \* Fasteners \*\*

#### Notes:

- \* Bolt hole spacing for center stop bracket shown in chart on page 4.
- + For 25 brackets, maximum center spacing is 5'0"for 2,500 lb. capacity.
- † For 25 brackets, maximum center spacing is 2'0"for 5,000 lb. capacity.

\*\* Hardware sets include proper fasteners to attach the hardware to the door. Fasteners to attach the hardware to the wall and floor are excluded.

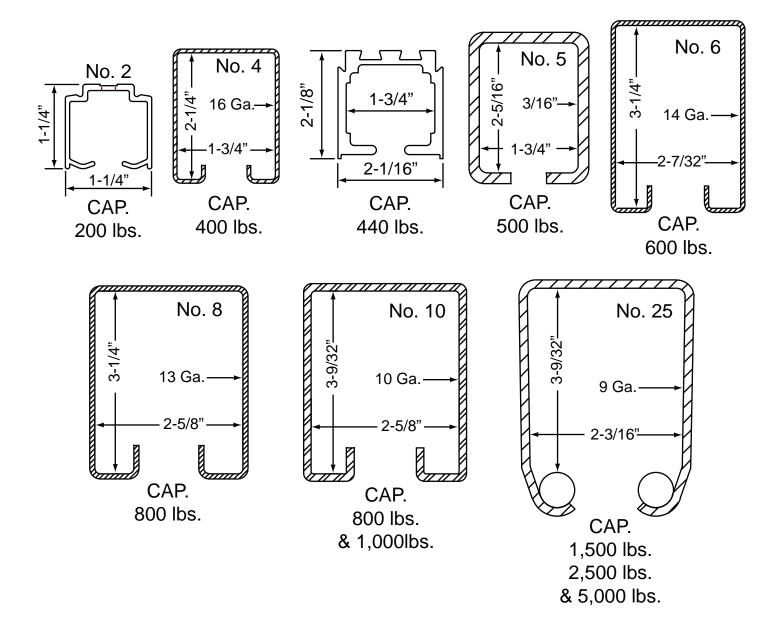
### See Page 4 for Dimensions and Ordering Instructions.

## Box Track Type

5

To Select Proper Size Track See Truck and Hanger Selection Charts Pages 4, 6 and 7.

\* NOTE: #5, and #25 track are used for special applications including curves and switches. See page 20 and 21 for more information and consult with our engineers.



# **Box Track Data**

*Capacity For Doors Weighing Ibs.	Track No.	Ga.	Inside Dimensions In Inches	Available Lengths Ft.	Powder Coat Paint	Galvanized Available	Aluminum Available	Stainless Steel Available	Weight Per Foot Ibs.
			"Lock-Joint"®	Style Track	- Manuall	y Operated D	oors		
200	2	(al)	1-3/16" Wide 1-1/8" Hide	6', 8', 10' & 12'		x	x	x	1/2
400	4	16	1-3/4" Wide 2-1/4" High	6', 8', 10' & 12'	x	x		x	1-3/4
500	5	7	1-3/4" Wide 2-5/16" High	10'	x	x		x	5
600	6	14	2-7/32" Wide 3-1/4" High	6', 8', & 10'	x	x		x	2-3/4
800	8	13	2-5/8" Wide 3-1/4" High	6', 8', & 10'	x				4
1000	10	10	2-5/8" Wide 3-1/4" High	6', 8', & 10'	x	x			5-3/4
**1500	25	9	2-13/16" Wide 3-9/32" High	6', 8', & 10'	x	x		x	8
<b>†2500</b>	25	9	2-13/16" Wide 3-9/32" High	6', 8', & 10'	x	x		x	8
<b>††5000</b>	25	9	2-13/16" Wide 3-9/32" High	6', 8', & 10'	x	x		x	8
	°		"Lock-Joint"®	Style Trac	k - Power	Operated Do	ors		
800	10	10	2-5/8" Wide 3-1/4" High	6', 8', & 10'	x	x			5-3/4
**1500	25	9	2-13/16" Wide 3-9/32" High	6', 8', & 10'	x	x		x	8
<b>†2500</b>	25	9	2-13/16" Wide 3-9/32" High	6', 8', & 10'	x	x		x	8
<b>††5000</b>	25	9	2-13/16" Wide 3-9/32" High	6', 8', & 10'	x	x		x	8

\*With pair of hangers per door.

\*\*1,500 lb. Capacity when #25 track is used with #25-1BLE hanger.

†2,500 lb. Capacity when #25 track is used with #25-1BSE hanger.

††5,000 lb. Capacity when #25 track is used with #25-TBSE hanger.

\*Note: #5 and #25 track are used for special applications including curves & switches. See pages 20 and 21 for more information and consult with our engineers.

# **Door Hanger Data**

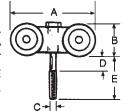
*Capacity for Doors Weighing -Lbs.	Door Thickness	Hanger Number	Track Number	Type Aprons	Type Bearing	Page Numbe
LOCK-JOINT" STYL	E TRACK - MANU	JALLY OPERAT	ED	-	•	•
200	3/4" to 1-3/4"	2-1P	2	n/a	Polymer	9
400	1-1/2" to 2-1/4"	4Z2P	4	Zinc Plate	Polymer	9
400	1-1/2" to 2-1/4"	4Z2R	4	Zinc Plate	Roller	9
400	up to 1-3/4"	4Z-F	4	Zinc Plate	Ball	10
500	1-3/4" to 2-1/4"	5P-1975	5	Painted	Ball	20
600	1-3/4" to 2-1/4"	6P2R	6	Painted	Roller	10
600	1-3/4" to 2-1/4"	6Z3R	6	Zinc Plate	Roller	10
600	2-1/4" to 3"	6P4R	6	Painted	Roller	10
600	2-1/4" to 3"	6Z5R	6	Zinc Plate	Roller	10
600	1-3/4" to 2-1/4"	6P2B	6	Painted	Ball	10
600	1-3/4" to 2-1/4"	6Z3B	6	Zinc Plate	Ball	10
600	2-1/4" to 3"	6P4B	6	Painted	Ball	10
600	2-1/4" to 3"	6Z5B	6	Zinc Plate	Ball	10
800	1-3/4" to 2-1/4"	8P2R	8	Painted	Roller	11
800	2-1/4" to 3"	8P4R	8	Painted	Roller	11
800	1-3/4" to 2-1/4"	8P2B	8	Painted	Ball	11
800	2-1/4" to 3"	8P4B	8	Painted	Ball	11
1000	1-3/4" to 2-1/4"	8P2R	10	Painted	Roller	11
1000	1-3/4" to 2-1/4"	8Z3R	10	Zinc Plate	Roller	11
1000	2-1/4" to 3"	8P4R	10	Painted	Roller	11
1000	2-1/4" to 3"	8Z5R	10	Zinc Plate	Roller	11
1000	1-3/4" to 2-1/4"	8P2B	10	Painted	Ball	11
1000	1-3/4" to 2-1/4"	8Z3B	10	Zinc Plate	Ball	11
1000	2-1/4" to 3"	8P4B	10	Painted	Ball	11
1000	2-1/4" to 3"	8Z5B	10	Zinc Plate	Ball	11
1500	1-3/4" to 2-1/2"	25P2BLE	25	Painted	Ball	12
1500	2-1/4" to 3"	25P4BLE	25	Painted	Ball	12
2500	2-1/4" to 2-3/4"	25P2BSE	25	Painted	Ball	12
LOCK-JOINT" STYL	E TRACK - POWE	ER OPERATED				
800	1-3/4" to 2-1/4"	10P2BE	10	Painted	Ball	12
800	2-1/4" to 3"	10P4BE	10	Painted	Ball	12
1500	1-3/4" to 2-1/2"	25P2BLE	25	Painted	Ball	12
1500	2-1/4" to 3"	25P4BLE	25	Painted	Ball	12
2500	2-1/4" to 3-3/4"	25P2BSE	25	Painted	Ball	12

\*NOTE: #5 and #25 track are used for special applications including curves and switches. See page 20 & 21 for more information and consult with our engineers.

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# Trucks (less aprons)





Finish - Zinc Plated

Illustration 1 Roller Bearing Finish – Zinc Plated

C +I III C+I IIII Roller Bearing & Ball Bearing

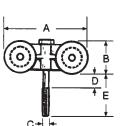
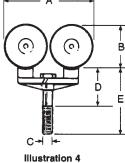


Illustration 3 Ball Bearing Finish – Zinc Plated



Ball Bearing Finish – Zinc Plated

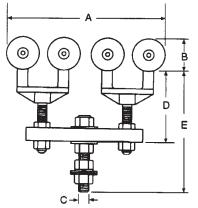


Illustration 5 Ball Bearing Finish – Trucks Zinc Plated Load Bar Painted

## TRUCKS FOR MANUALLY OPERATED DOORS

For Door		No. For Track		No. For Track		No. For Track			[	Dimension	S		Hanger	Weight
Weight (lbs.)		No.	No.	Α	В	С	D	E	Page #	Per Pair				
200	2-1P	2	1**	1-11/16"	7/8"	8mm	0	1-1/4"	9	5 oz.				
400	4-1P	4	1**†	4-3/4"	2-1/8"	1/2"-13	11/16"	2-7/8"	9	2 lb.				
400	4-1R	4	1†	4-3/4"	2-1/8"	1/2"-13	5/8"	2-13/16"	9	2-1/2 lb.				
500	5B	5	n/a	2-1/8"	2-1/8"	5/8"-11	1-5/8"	4-5/8"	20	3 lb.				
600	6-1R	6	2	7-1/2"	3"	3/4"-10	1/2"	3-5/8"	10	7-1/4 lb.				
600	6-1B	6	2	7-1/2"	3"	3/4"-10	1/2"	3-5/8"	10	7-1/4 lb.				
800	8-1R	8	2	7-1/2"	3"	3/4"-10	1/2"	3-5/8"	11	8 lb.				
800	8-1B	8	2	7-1/2"	3"	3/4"-10	1/2"	3-5/8"	11	8 lb.				
1000	8-1R	10	2	7-1/2"	3"	3/4"-10	1/2"	3-5/8"	11	8 lb.				
1000	8-1B	10	2	7-1/2"	3"	3/4"-10	1/2"	3-5/8"	11	8 lb.				

## TRUCKS FOR POWERED OR MANUALLY OPERATED DOORS

For Door	Cat. No.	For Track	For Track IIIs. Dimensions					Hanger	Weight	
Weight (lbs.)		No.	No.	Α	В	С	D	Е	Page #	Per Pair
800	10-1BE	10	3	7-1/4"	2-3/4"	3/4"-10	3/4"	3-7/8"	12	5 oz.
1500	25-1BLE	25	3	7-1/2"	3"	3/4"-10	1-1/16"	4-1/4"	12, 21	2 lb.
2500	25-1BSE	25	4	7"	3"	7/8"-9	3-1/2"	8"	12, 21	2-1/2 lb.
5000	25-TBSE	25	5	15"	3"	1"-8	7"	11-1/4"	12, 21	3 lb.

\* With Pair of Trucks Per Door.

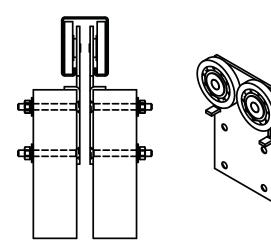
\*\*See Illustration 1, polymer bearings only

† See Page 9 for wood door top plate option.

\*Note: #5, and #25 track can be used for special applications including curves and switches. See page 20 and 21 for more information and consult with our engineers.

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## No. 4 Hangers (cont.)



#### No. 4Z-F HANGER

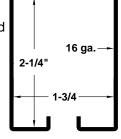
Use: For manually operated sliding doors mounted in parallel (bi-passing) in a single run of #4 box track.

For doors no thicker than 1-3/4", weighing up to 150 lbs ea.

One Style: 4Z-F

Head Clearance: Distance top of door to bottom of track: 9/16". Bottom of track to center of hole in sidewall

bracket: 3-3/4".



No. 4 400lb capacity

Construction: 2-1/8" diameter steel wheels. Ball bearings. Apron: 1/8" thick, 3-3/8" wide, and 3" tall.

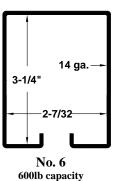
Finish: Zinc plated apron.

Packed: Boxed, with bolts.

Weight: 3-1/2 lbs. per pair.

## No. 6 Hangers (trucks with aprons)







### No. 6R HANGER

Use: For manually operated sliding doors 1-3/4" to 3" thick weighing up to 600 lbs.

Two Sizes: 6P2R for doors 1-3/4" to 2-1/4" (Painted Aprons): 6Z3R for doors 1-3/4" to 2-1/4" (Zinc Aprons) 6P4R doors 2-1/4" to 3" (Painted Aprons); 6Z5R for doors 2-1/4" to 3" (Zinc Aprons).

Head Clearance: Distance top of door to bottom of track; minimum 1-1/8:, maximum 2-3/4". Bottom of track to center of hole in sidewall bracket; 6-1/4".

**Construction:** 3" diameter steel wheels. *Caged roller* bearings. Lateral and vertical adjustment. Apron: 9/64" thick 4" wide 7-1/2" long.

Finish: Zinc plated trucks. Aprons painted or zinc.

Packed: Boxed, with bolts.

Weight: 12-1/4 lbs. per pair.

#### No. 6B HANGER

Use: For manually operated sliding doors 1-3/4" to 3" thick weighing up to 600 lbs.

Two Sizes: 6P2B for doors 1-3/4" to 2-1/4" (Painted Aprons): 6Z3B for doors 1-3/4" to 2-1/4" (Zinc Aprons) 6P4B doors 2-1/4" to 3" (Painted Aprons); 6Z5B for doors 2-1/4" to 3" (Zinc Aprons).

Head Clearance: Distance top of door to bottom of track; minimum 1-1/8", maximum 2-3/4". Bottom of track to center of hole in sidewall bracket; 6-1/4".

Construction: 3" diameter steel wheels. Ball bearings. Lateral and vertical adjustment. Apron: 9/64" thick

4" wide 7-1/2" long.

Finish: Zinc plated trucks. Aprons painted or zinc. Packed: Boxed, with bolts.

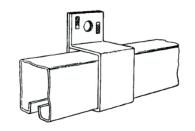
Weight: 12-1/4 lbs. per pair.

## Box Type Track and Brackets Installation and Functions

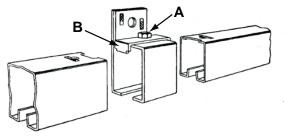
The unique design of Track and Brackets prevents the horizontal creep of tracks while binding them together tightly against the bottom of the bracket, achieving a smooth tight joint for the hanger runway.

## **CENTER BRACKET**

Slide track through center brackets. Provides support of track and track lips at required support intervals.



### LOCK JOINT BRACKET

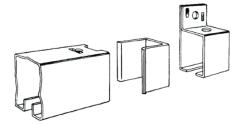


Loosen nut "A", raise clamp "B", slide tracks into bracket, drop bent ends of clamp "B" into holes in tops of track and tighten nut "A". Provides the unique feature between track sections.

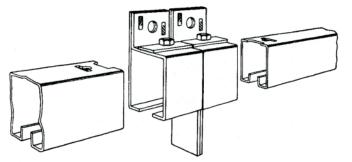
**NOTE:** #25 Track joints must be welded on all manual applications <u>over 2500 lbs.</u> and for <u>all powered applications</u>. See page 19 for welding kit information.

## **END BLIND**

Push end blind into center sidewall/overhead track bracket. Slide the assembled bracket and end blind onto the end of track. The end blind acts as a stop to prevent creep on one-piece track applications as well as closes off the end of the track to birds, etc.



### **CENTER STOP BRACKETS**

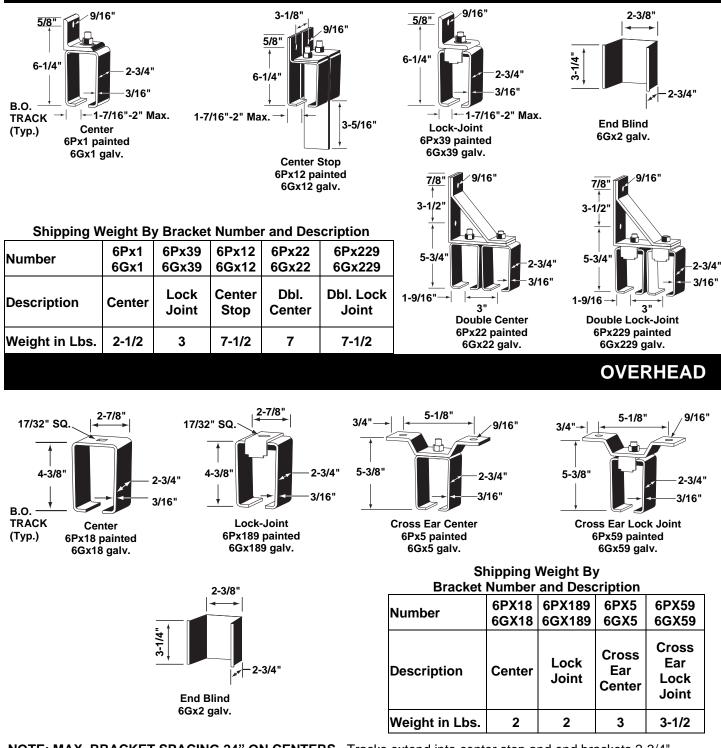


Slide each end of each track fully into center stop bracket. Provides track support and door stop at center of bi-parting door installations.

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# **Brackets for No. 6 Track**

### SIDEWALL



**NOTE: MAX. BRACKET SPACING 24" ON CENTERS.** Tracks extend into center stop and end brackets 2-3/4". \*Use end blind in combination with any center bracket to produce an end bracket.

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### WARRANTY

Hardware products are warranted to be of good quality, and free from defects in material and workmanship under normal intended use for a period of one (1) year from the date of purchase. If any hardware, or part thereof, is determined by the factory not to be as warranted, the factory will, at its option and without charge, replace the defective part or parts.

Under no circumstances shall we be liable for indirect or consequential damages of any kind. These warranties are in lieu of all other warranties expressed or implied including, but not limited to, warranties of merchantability or fitness for a particular purpose. The warranties cover Crown Industrial material. We shall not be liable, nor do we assume responsibility for damage or operational failures caused by supporting and/or surrounding structure and/or equipment, overloading of the product beyond the manufacturer's rated capacity, improper use or application beyond the manufacturer's intended or recommended use, or other external causes such as abuse or acts of god and other causes beyond our control. Maintenance and adjustments are the responsibility of the owner. This guarantee does not cover such maintenance and adjustments, nor any services which may be required as a result of the purchaser's failure to perform normal maintenance and adjustments to the purchased product.

Replacement of defective material shall be furnished without charge, delivered, installation not included. If the factory decides to service a warranted product at the purchaser's place of business and determines that no defective material or improper workmanship exists, then the purchaser shall reimburse the factory for all expenses, including time and travel, incurred in providing the service.

This guarantee is not applicable to other non-hardware products.

### **RETURN GOODS POLICY**

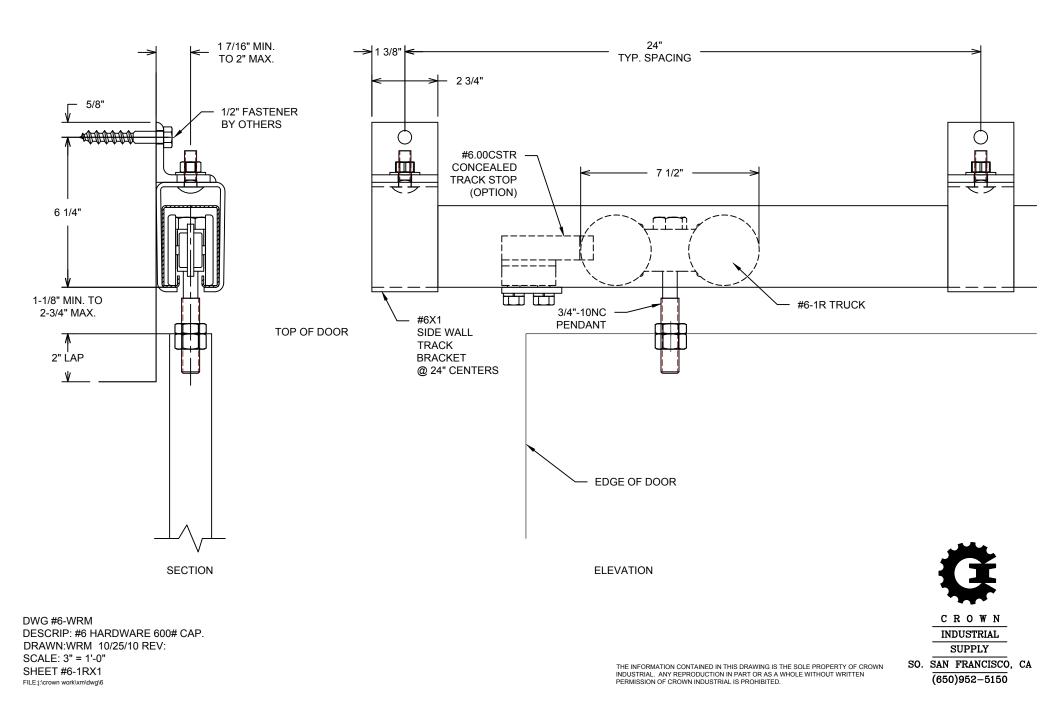
Requests in writing for RGA must be made to the Crown Industrial Customer Support Department within 30 days of the material shipment from Crown Industrial. Crown will determine the eligibility to return any material and will notify the requestor within 5 day upon receipt of written request. Crown will also instruct the requestor to return the material to Crown or dispose of such before the issuance of the appropriate credit. Special items (i.e. stainless steel or custom painted) and items not manufactured by Crown (purchased) will not be eligible for return. Any material returned to Crown or disposed of without the proper authorization by Crown will be refused and no credit will be issued. Return goods must be shipped freight prepaid at the requestor's expense within 15 days of receipt of written authorization. The requestor must determine the carrier. All material returned must be received in original packaging. Credit will be given on returned material only after receipt and inspection by Crown. Provide the RGA number and a copy of the original packing slip with all returned material. Credit for all authorized returns are subject to a 25% restocking charge on the net acceptable material value.

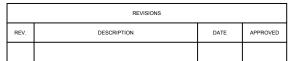
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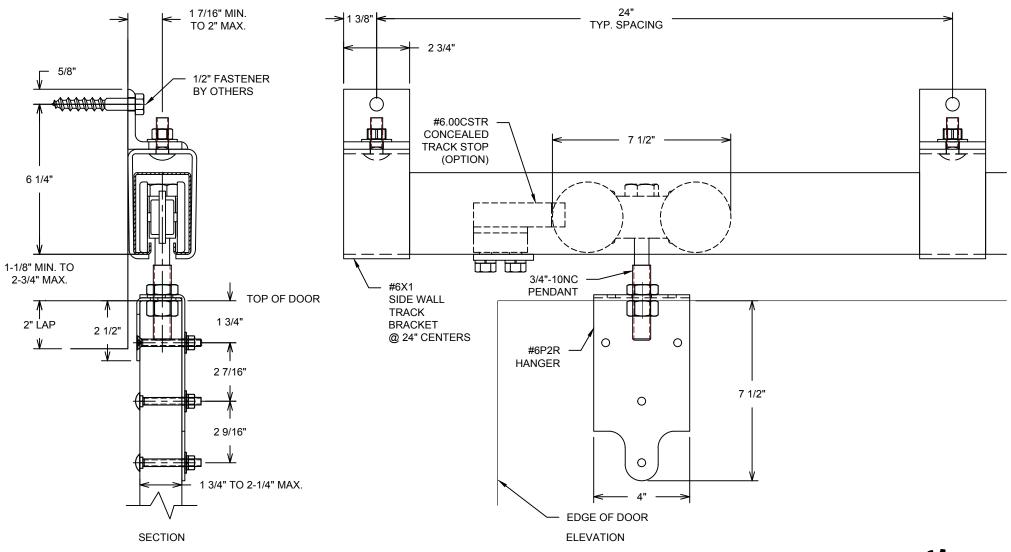


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REV.	DESCRIPTION	DATE	APPROVED			





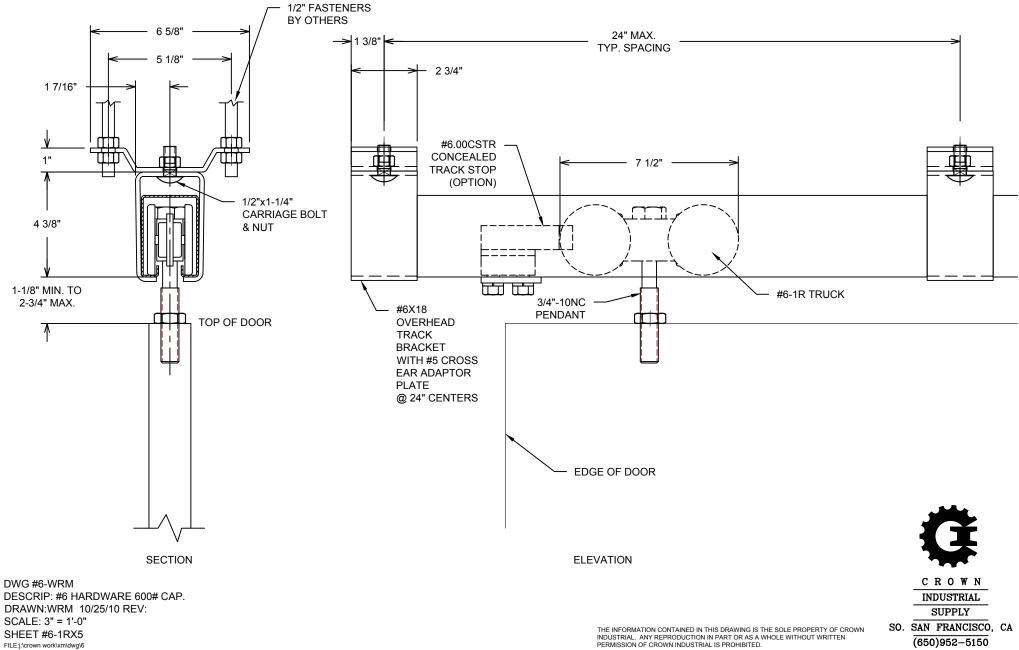


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DWG #6-WRM DESCRIP: #6 HARDWARE 600# CAP. DRAWN:WRM 10/25/10 REV: SCALE: 3" = 1'-0" SHEET #6P2RX1 FILE:j:lcrown work/xmldwgl6

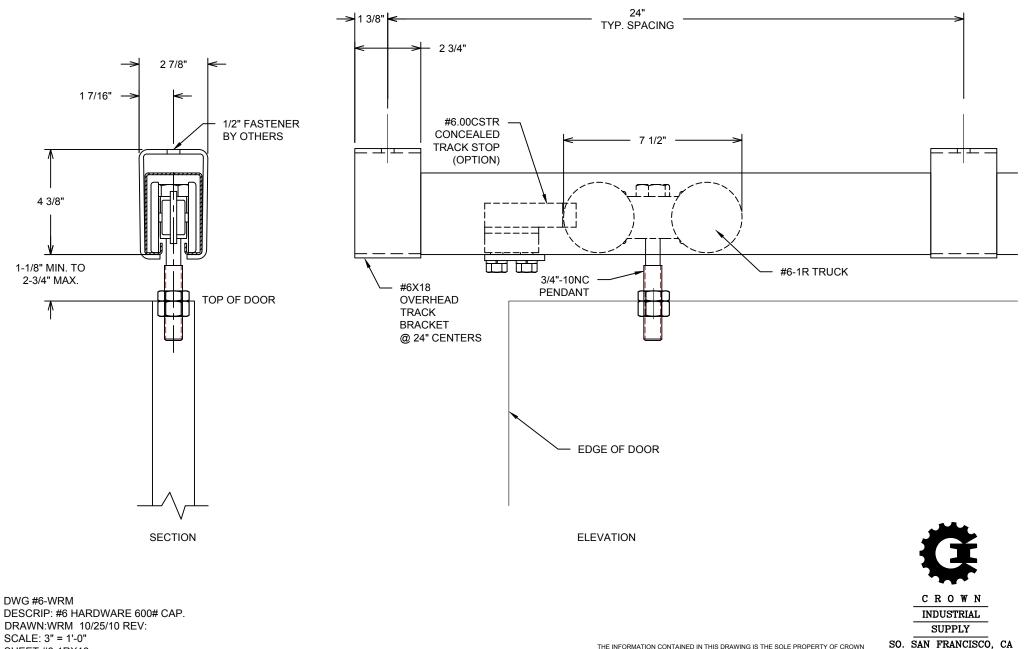
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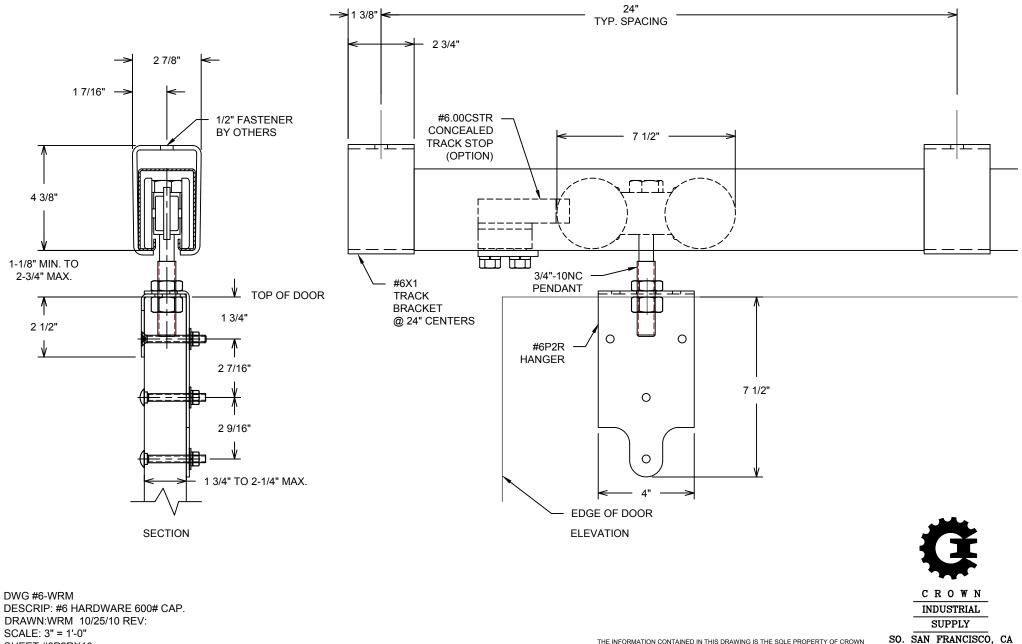
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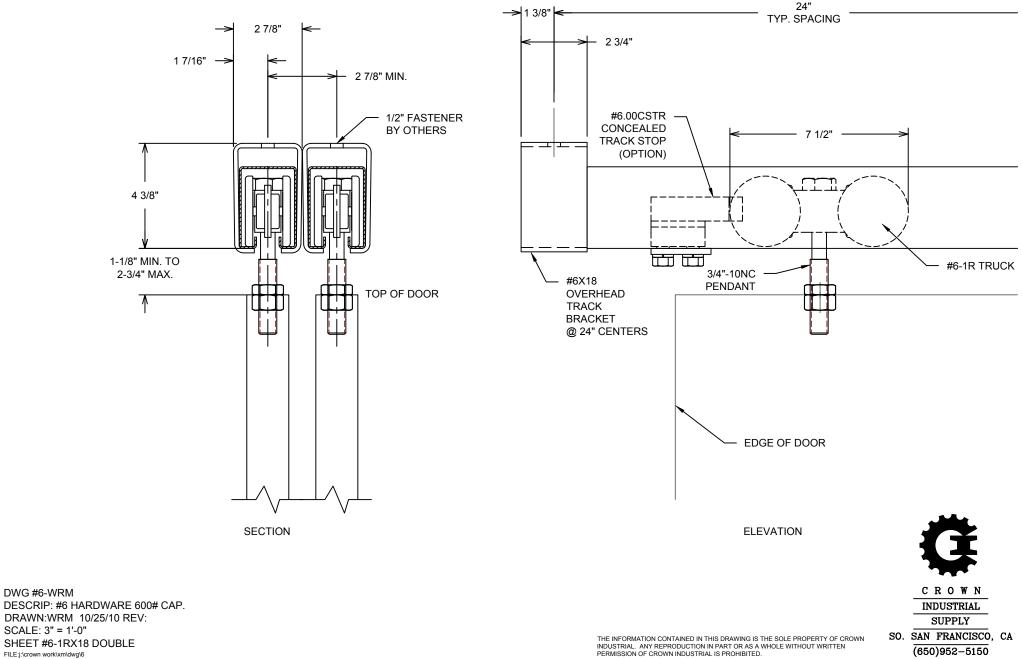
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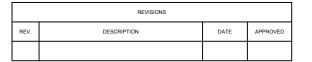


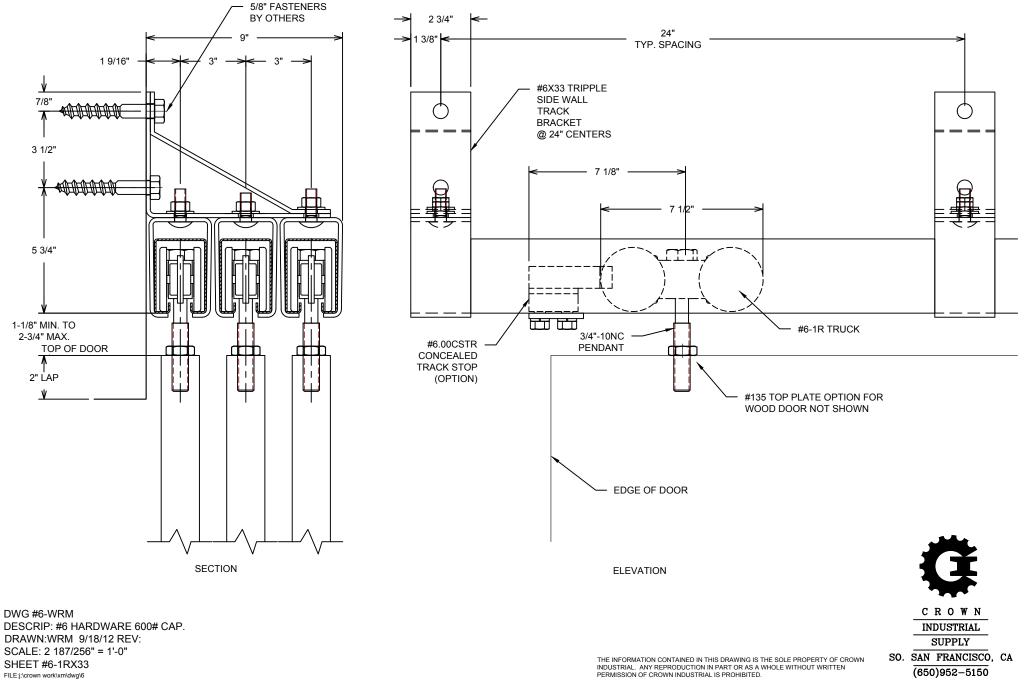
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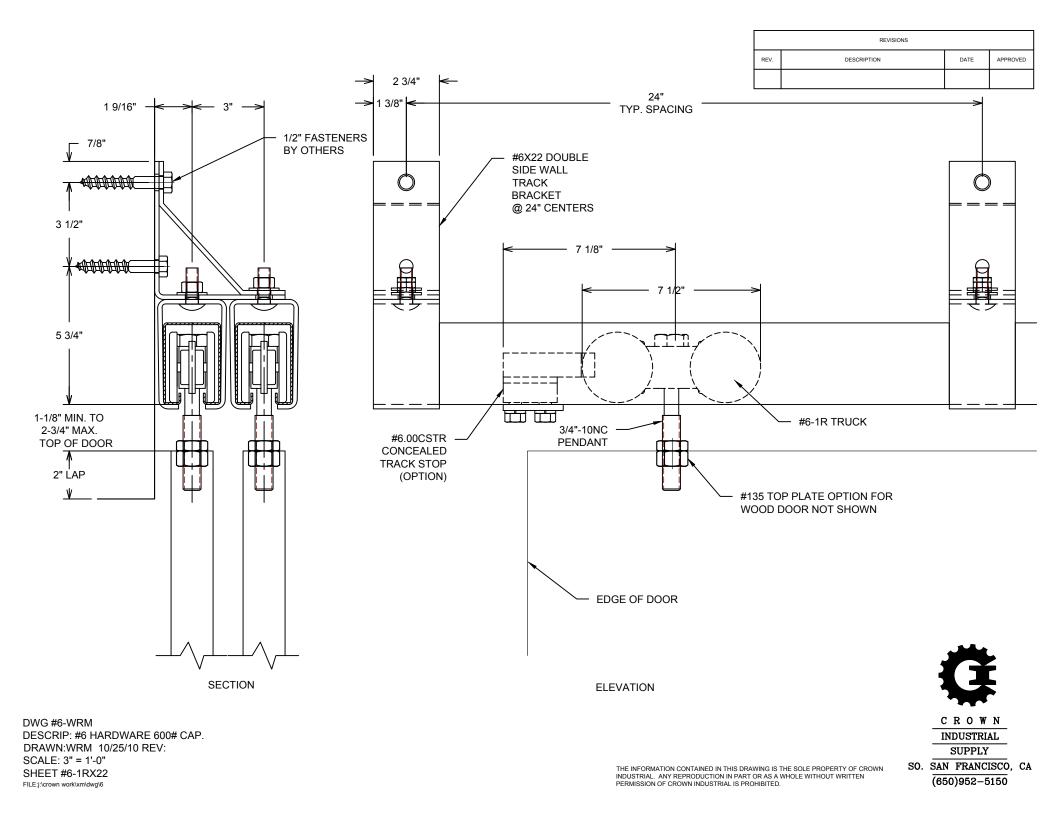
DRAWN:WRM 10/25/10 REV: SCALE: 3" = 1'-0" SHEET #6-1RX18 DOUBLE FILE:j:\crown work\xm\dwg\6

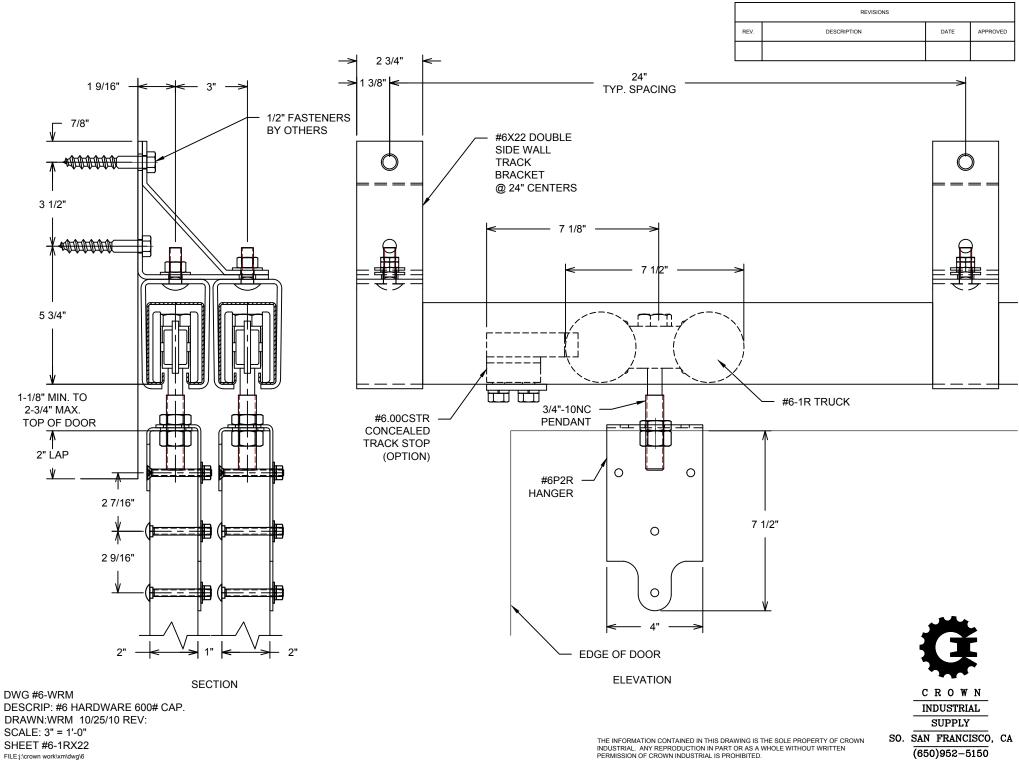
DWG #6-WRM





FILE:j:\crown work\xm\dwg\6





SHEET #6-1RX22 FILE:j:\crown work\xm\dwg\6

