

# Richards-Wilcox

Builders Hardware



# **Builders Hardware** Product Catalogue

Hardware for Agricultural, Commercial and Industrial Doors







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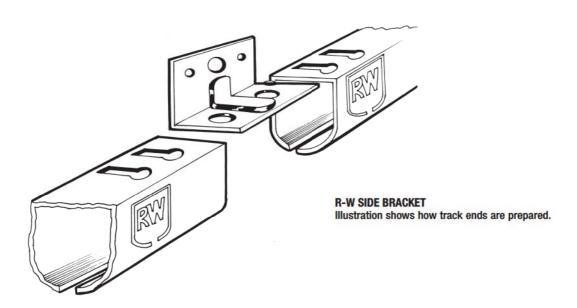
- All literature, specifications and conditions dated previous to this issue are hereby withdrawn.
- Unless otherwise stated all prices quoted to you are in Canadian Funds, F.O.B. Point of shipment and include seller's standard packaging. Prices are for standard products as shown and listed. Deviations from standard are subject to additional charges and add to your account.
- 3. All seller's goods, except electronic equipment, are guaranteed to be free from defects of material or workmanship for a one year period from date of shipment. Electronic equipment is guaranteed for a 90-day period. Material which, in the opinion of the seller, was defective at the time of manufacture will be replaced without charge, F.O.B. point of shipment, but such defective material may be returned only with the prior consent in writing of the seller. Seller does not accept responsibility for contingent expenses of any kind based on delays, shortages or defects, or for damages resulting from improper wiring or adjustment by others.
- 4. Buyer shall inspect the goods immediately upon their arrival and shall within ten days of their arrival, give written notice to the seller of any claim that the same do not conform with the terms herein stated. If buyer shall fail to give such notice, the goods shall be deemed to conform to the terms hereof and buyer shall be bound to accept and pay for them in accordance with terms hereof.
- Any license fee, property, sales, use or excise tax which may be levied, assessed or imposed, by any governmental

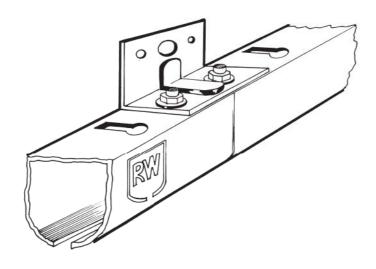
- authority on any of the seller's products subsequent to the date of quotation shall be added to the price therefore and be paid by the buyer. Any increase in the seller's costs in purchasing materials or in manufacturing, processing, selling or delivering its products, resulting from any governmental tax or regulation of industry shall be added to the selling price and be paid by the buyer.
- Seller shall not be liable for delays or defaults hereunder, due to strikes, riots, fires, accidents, governmental interference, or embargoes, shortage of materials, fuel, labour, supplies or transportation, or due to any cause of a like or different nature beyond its control.
- 7. Contracts arising out of acceptance of all or any part of our quotation shall, unless otherwise agreed to in writing when the order is accepted, be understood to accept the above conditions, together with the following:
  - (a) Each party agrees to comply with all Federal, Provincial or Municipal laws applicable to its performance hereunder.
  - (b) Any waiver of strict compliance with any one or more of the terms set forth herewith shall not be a waiver of the right to insist upon strict compliance with the terms hereof thereafter.
- Goods cannot be returned for credit. Written permission
  must be obtained before goods are returned for credit.
  Credit will be issued only for properly authorized returns and
  will be subject to a re-stocking charge. Custom made goods
  or specially purchased parts cannot be returned for credit.

# 30 ROUND TRACK



Introducing R-W 30 Round Track, flat top design with unique mounting system. Combines the easy mounting features and stability of box track with the smooth operation of round. The result is a round rail system that is easy to install, easy to operate, self cleaning and long lasting.









111-0062 6ft. 111-0063 sft. 111-0064 10 ft. 111-0065 12 ft.

SIZE: 6, 8, 10, 12 ft. lengths MATERIAL: Formed steel, 14 GA

STANDARD FINISH: Commercially galvanized ASTM-A526,G90 PACKED: 6 ft. and 8 ft. lengths, 8 pcs. in a bundle

10 ft. lengths 6 pcs. in a bundle, and 12 ft. lengths

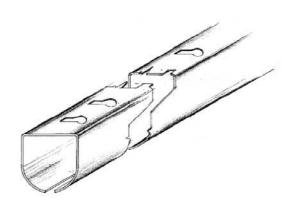
4 pcs. in a bundle

SHIPPING WEIGHT: 2 lbs. per ft.

**UPC CODES:** 111-0062 - 6-27991-10062-7

> 111-0063 - 6-27991-10063-4 111-0064 - 6-27991-10064-1 111-0065 - 6-27991-10065-8

#### 30 Track



# 114-0305 for use with 30 Round Track

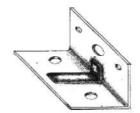
To mount track flush with top of spacer board; also used as joint bracket. USE:

MATERIAL: 11 GA (comm. galvanized G90)

WEIGHT: 1/2 lb.

UPC CODE: 6-27991-40305-6

#### Side Bracket



# $114 - 0306 \;\; \text{for use with 30 Round Track}$

USE: To mount track to a top mount; also used as a joint

MATERIAL: 11 GA (comm. galvanized G90)

WEIGHT: 1/2 lb.

UPC CODE: 6-27991-40306-3



#### **Top Bracket**

# 30 ROUND TRACK

#### **NEEDLE BEARING WHEEL TROLLEY**

#### 7-6015 for use with 30 Round Track

DESCRIPTION: Round track trolley 9-1/2" pendant

WHEELS: Nylon

**BEARINGS: Needle bearing** 

4 way offset Bolt Trolley hanger, allows doors to be adjusted up or down or moved in or out to eliminate PENDANT:

door rub from inside the building.

All exposed parts are made from heavy gauge galvanized or zinc plated steel. FINISH:

CAPACITY: 1 pair for maximum door weight of 600 lbs.

PACKED: One in a poly bag. 1-3/4 lbs. WEIGHT: UPC CODE: 6-27991-76015-9

#### Truck & Pendant

# 7-6016 for use with 30 Round Track

**DESCRIPTION:** Round track trolley 90° angle bracket.

WHEELS: Nylon **BEARINGS: Needle bearing** 

APRON: Formed steel, adjustable both vertically and horizontally

PENDANT: 1/2" dia. steel

FINISH: All exposed parts are made from heavy gauge

galvanized or zinc plated steel.

CAPACITY: 1 pair for maximum door weight of 600 lbs.

PACKED: One in a poly bag. WEIGHT: 2-1/2 lbs. **UPC CODE:** 6-27991-76016-6

Hanger



# 7-6017 for use with 30 Round Track

DESCRIPTION: Round track trolley 4" straight bolt.

WHEELS: Nylon

**BEARINGS:** Needle bearing

PENDANT: 1/2" dia. steel, zinc plated.

CAPACITY: 1 pair for maximum door weight of 600 lbs.

One in a poly bag. PACKED: WEIGHT: 1-1/2 lbs. UPC CODE: 6-27991-76017-3

#### Truck & Pendant





# 30 ROUND TRACK



#### 114-0307 for use with 30 Round Track

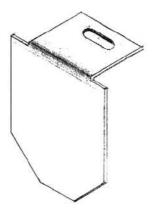
USE: Provides a protective and cosmetic finish

MATERIAL: 16 GA (comm. galvanized G90)

WEIGHT: 0.2 lbs.

UPC CODE: 6-27991-40307-0

#### **End Cover**



# 114 - 0308 for use with 30 Round Track

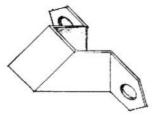
USE: Provides a mounting surface for flashing (track

cover

MATERIAL: 18 GA (comm. galvanized G90)

WEIGHT: 0.12 lbs.
UPC CODE: 6-27991-40308-7

# Flashing Clip



# $114 \hbox{-} 0309 \;\; \text{for use with 30 Round Track}$

SIZE: 10°

USE: Provides a protective and cosmetic finish.

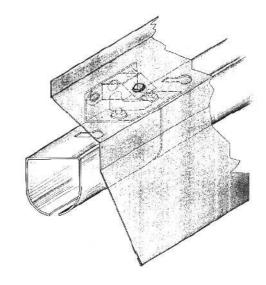
 MATERIAL:
 Galvanized 26 GA.

 PACKED:
 Bundles of 10

 WEIGHT:
 6.4 lbs.

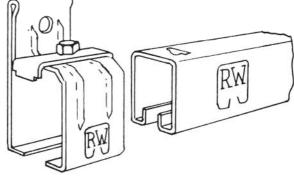
 UPC CODE:
 6-27991-40309-4

#### **Flashing**

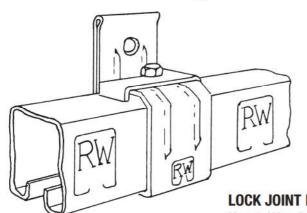




For many years R-W lock joint box track has been the pace-setter for high quality sliding door hardware. Tens of thousands of installations are proof that an excellent design, the right material and careful fabrication have been combined to produce a product which has found broadest acceptance by the trade and the end user.



R-W LOCK JOINT BOX TRACK
Illustration shows how track ends are prepared.



R-W LOCK JOINT BOX TRACK Completed joint of two lengths of track.

LOCK JOINT BRACKET Has 2-Way Action

Holds tracks together, tightly and permanently, making spreading joints impossible. Holds tracks down, tight against bottom of bracket, making a smooth, continuous runway for the hangers.

The Clip itself is heavy and strong, will not bend or break. Designed for service, not merely a talking point.

	NO. 30	NO. 31	NO. 75	NO. 33	NO. 333	NO. 888*
GAUGE/THICKNESS:	1/16"	1/16"	14	13	10	3/16"
LENGTH IN FEET:	6, 8 10,& 12	6, 8, 10 & 12	8, 10 & 12	6,8 & 10	6, 8 & 10	10
WEIGHT PER FOOT:	2 LBS	1-1/2 LBS.	2 LBS.	3-1/2 LBS.	7 LBS.	11 LBS.
LOCK JOINT CLIP:	NOT AVAILABLE	SOLD SEPARATELY	PACKED WITH HANGER	PACKED WITH HANGER	NOT AVAILABLE	NOT AVAILABLE
FINISH:	GALVANIZED	GALVANIZED	GALVANIZED	BLACK ENAMEL	BLACK ENAMEL	GREY ENAMEL
BRACKET SPACING:	2'0"	2'0"	2'0"	2'0"	2'0"	5'0"

<sup>\*</sup>Runways are 5/8" Dia. cold rolled steel.



# DON'T GUESS . . . SELECT THE "CAPACITY-FEATURE" WAY

	DOOR WEIGHT IN LBS.									
	125	250	350	400	550	700	2000	1000	4000	4000
TRACK	31	50	31	31	75	33	I BEAM	333	1 BEAM	888
1 WHEEL HANGER		735								
2 WHEEL HANGER	021									
4 WHEEL HANGER			321	323	27B	150B	1029	160B	1029 1 TON	888A
ROLLER BEARINGS	021	735	321	323						
BALL BEARINGS					27B	150B	1029 1/2 TON	160B	1029 1 TON	888A
FRAME: FORMED STEEL	021	735	321	323		150B	1029 1/2 TON	160B	1029 1 TON	
FRAME: FORGED STEEL					27B					888A
APRON: ADJUSTABLE FOR VARYING DOOR THICKNESS		735	321	323	27B	150B	1029 1/2 TON	160B	1029 1 TON	888A
APRON: HINGE SUSPENSION	021		321							
APRON: PENDANT BOLT FOR VERTICAL ADJUST		735		323	27B	150B	1029 1/2 TON	160B	1029 1 TON	888A
SWIVEL PENDANT		735		323	276	1306	1029 1/2 10N	1000	1029 1 10N	888A
AVAILABLE WITHOUT APRONS		735		323	27B	150B	1029 1/2 TON	160B	1029 1 TON	888A
HANGERS PER DOOR	2	2	2	2	2	2	2	2	2	2
BRACKET SPACING	2'	1'	2'	2'	2'	2'	-	2'	-	5'
DETAILS ON PAGE	13	21	13	14	14	18	21	19	21	20

#### **HOW TO USE CHART**

The vertical columns are headed "DOOR WEIGHT IN LBS." On the left-hand side of the horizontal sections in the chart the various "Hanger Features" are shown.

The numbers shown at an intersecting point of the vertical column and a horizontal section are the catalogue numbers of those hangers available which meet the particular requirement.

Once a hanger has been selected, based on the door weight and the most desirable design feature, further checking in the vertical column for the re-appearance of the same number will quickly reveal the other features this hanger has to offer.

The required track is also listed at the top of the vertical column.

At the very bottom of the vertical columns are the catalogue pages pointing out where to find complete details of the desired hanger.

NOTE: "DOOR WEIGHT IN LBS." is based on the assumption that two hangers are used on each individual door.



#### Sliding Door Systems for all Agricultural, Commercial and Industrial Door Needs

1/16" Galv. Steel
For doors
up to 400 lbs.
6' - 461-0001
8' - 461-0002
10' - 461-0003
12' - 461-0004

1/16" Galv. Steel
For doors up to 600 lbs.
with needle bearing
hangers

6' - 111-0062 8' - 111-0063 10' - 111-0064 12' - 111-0065 14 Ga. Galv. Steel For doors up to 550 lbs.

8' - 461-0013 10' - 461-0014 12' - 461-0012 13 Ga. Steel

For doors up to 700 lbs.

6' - 111-0059

8' - 111-0060

10' - 111-0061

A "One" track source and destination of reliable supply.

10 Ga. Steel
For doors up to 1,000 lbs.

6' - 111-0360 8' - 111-0361 10' - 111-0362 Professional Track Systems for Your Professional Quality Buildings

3/16" Steel with 5/8" Cold Rolled Steel Runway

For doors up to 4,000 lbs.

10' - 2-1334

A Full Spectrum of Sliding Door Track for Doors up to 4,000 lbs.



# SIDE MOUNTED BRACKETS

NO. 1 SINGLE BRACKET

MADE FOR TRACKS

No. 31 No. 75

No. 33

No. 333

No. 888



NO. 22 DOUBLE BRACKET

MADE FOR TRACKS

No. 31

No. 75



NO. 33 TRIPLE BRACKET

MADE FOR TRACKS

No. 31

No. 75

No. 33



# TOP MOUNTED BRACKETS

NO. 18 PLAIN BRACKET

MADE FOR TRACKS

No. 31 No. 75

No. 33

No. 333

No. 888

NO. 5 CROSS EAR BRACKET

MADE FOR TRACKS

No. 75

No. 33

No. 333

No. 888







461-0001 for 6 ft 461-0003 for 10 ft 461-0004 for 12 ft

SIZE: 6', 8', 10', 12', non-std. lengths

MATERIAL: Formed steel, nominal thickness 1/16"

STANDARD FINISH: Commercially galvanized ASTM - A526, G-90

PACKED: 6 ft. and 8 ft. lengths, 8 pcs. in a bundle

10 ft. lengths, 6 pcs. in a bundle

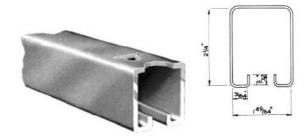
12 ft. lengths, 4 pcs. in a bundle

SHIPPING WEIGHT: 1 1/2 lbs. per ft.

UPC CODE: 461-0001 - 6-27991-10001-6

461-0002 - 6-27991-10002-3 461-0003 - 6-27991-10003-0 461-0004 - 6-27991-10004-7

31 Track



NOTE: Track should be supported at 2'-0" centres.

461-0013 for 8 ft

461-0012 for 12 ft

461-0014 for 10 ft

SIZE: 8', 10', 12'

MATERIAL: Formed steel, 14 gauge

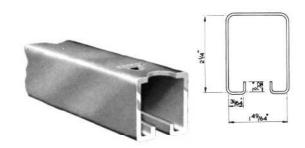
STANDARD FINISH: Commercially galvanized ASTM-A526, G-90

PACKED: 8 ft. lengths, 8 pcs. in a bundle 10 ft. lengths, 6 pcs. in a bundle

12 ft. lengths, 4 pcs. in a bundle

SHIPPING WEIGHT: 2 lbs. per ft.

75 Track



NOTE: Track should be supported at 2'-0" centres.

NOTE: The type 31 Brackets on the following pages are for use with either No. 31 Track or No. 75 Track.

#### 31 & 75 Brackets



1 x 31

DESCRIPTION:

New style Bracket is the strongest yet. Continuously formed with two full reinforcing ribs.

MATERIAL: 12 GA. formed steel

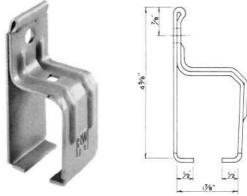
FINISH: Commercially galvanized ASTM - A526.

PACKED: 50 per carton, complete with 2-1/2" galvanized Lag

Bolts.

SHIPPING WEIGHT: 3/4 lbs. each. 6-27991-76135-4 UPC CODE:

#### 1 x 31 Track Bracket



#### 7-6137

SIZE: MATERIAL: 1 x 31

FINISH: **FASTENERS:**  Formed steel Zinc plated Included

PACKED: **UPC CODE:**  1 pc. per bag 6-27991-76137-8

#### 1 x 31 Lock Joint Clip Pkg.



114-0439 82 x 5

114-0441 82 x 3

114-0222 82 x 7

114-0440 82 x 4

SIZE:

82 x 2, 82 x 3, 82 x 4, 82 x 5, 82 x 7

MATERIAL:

FINISH:

Black enamel

PACKED:

Bulk

UPC CODE:

6-27991-40442-8

SHIPPING WEIGHT:

82 x 2, 2.2 lbs. for thickness of 1-3/4"

82 x 3, 2.9 lbs. for thickness of 2" 82 x 4, 3.1 lbs. for thickness of 2-1/4"

82 x 5, 4.5 lbs. for thickness of 2-1/2"

82 x 7, 4.7 lbs. for thickness of 3"

#### 82 Binder



SIZE:

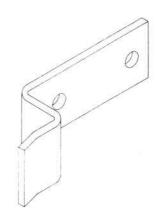
MATERIAL:

Formed steel - 3/16" thick

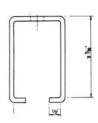
FINISH: Black enamel SHIPPING WEIGHT: 3/4 lb. each

18 x 31 Track Bracket











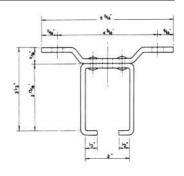
#### 1-0009

MATERIAL: Formed steel, 3/16" thick

FINISH: **Black Enamel** SHIPPING WEIGHT: 1 lb. each

#### 5 x 31 Track Bracket





#### 322-307

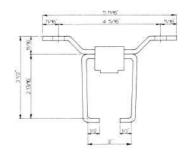
SIZE: 5 x 31

MATERIAL: Formed steel, 3/16" thick

FINISH: **Black Enamel** SHIPPING WEIGHT: 1-2/3 lbs.

# 5 x 31 Track Bracket c/w L.J. Clip





#### 1-0316

SIZE: 22 x 31

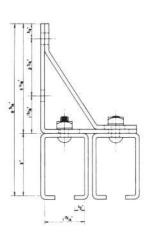
1/2" between doors. Maximum Door Thickness of 2 inches. CLEARANCE:

MATERIAL: Formed steel, 3/16" thick.

FINISH: Zinc plated. SHIPPING WEIGHT: 3-1/2 lbs. each. UPC CODE: 6-27991-10316-1

#### 22 x 31 Track Bracket





# 1-0318

SIZE:

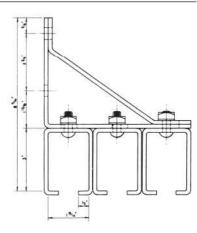
CLEARANCE: 1/2" between doors. Maximum Door Thickness of 2

MATERIAL: Formed steel, 3/16" thick.

FINISH: Zinc plated. SHIPPING WEIGHT: 4-1/2 lbs. each.

#### 33 x 31 Track Bracket







# 7-6130 for use with No. 33 bracket

22 X 31 MATERIAL: Formed steel.

PACKED: 2 clips per package complete with new lengthened

SHIPPING WEIGHT: 13 oz.

INSTALLATION: 1. Remove existing fasteners from 22 x 31 bracket

2. Replace with new lengthened bolts from L.J. Clip Pkg.

3. Place L.J. Clip over bracket so bent ends drop into holes in top of track and then tighten nuts.

#### Special 22 x 31 Lock Joint Clip Pkg.



# 7-6087 for use with No. 31 Track.

SIZE:

WHEELS: 2-1/8" diameter, formed steel. BEARINGS: Cold rolled steel, rollers.

Hinge apron, formed steel, 4-3/4" I. x 1-7/8" w. APRON:

PENDANT: Formed steel 1-3/4" inches. **DOOR THICKNESS:** 

FINISH: Wheels satin coat steel, apron and pendant commercial galvanized.

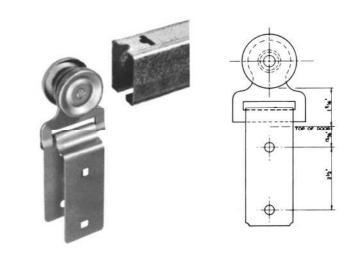
One in a polybag. PACKED: 10 polybags in a carton.

SHIPPING WEIGHT: 1-1/2 lbs.

CAPACITY: 1 pair for maximum door weight of 125 lbs.

**UPC CODE:** 6-27991-76087-6

#### 021 Hanger



# 7-6088 for use with No. 31 Track.

SIZE:

WHEELS: 2-1/8" diameter, formed steel. **BEARINGS:** Cold rolled steel, rollers.

APRON: Hinge apron, laterally adjustable, 5-3/4" long x 3-1/2" wide

PENDANT: Formed steel with clevis. DOOR THICKNESS: 1-3/4" inches to 2-1/4"...

FINISH: Wheels and frame, satin coat steel, apron and

pendant commercially galvanized. 1 carriage bolt 5/16" diameter x 2-1/4" long

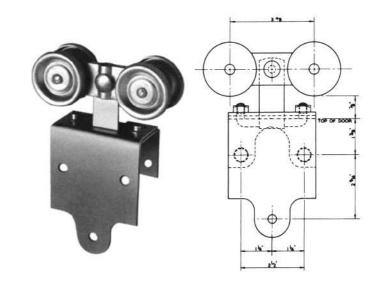
INCLUDED: 2 flat head stove bolts 5/16" diameter x 2-1/2" long

SHIPPING WEIGHT: 2-1/2 LBS.

1 pair for maximum door weight of 350 lbs. CAPACITY:

UPC CODE: 6-27991-76088-3

#### 321 Hanger





#### 7-6095 for use with No. 31 Track.

SIZE: 323

WHEELS: 2-1/8" diameter, formed steel.
BEARINGS: Cold rolled steel, rollers.

FRAME: Formed steel.

APRON: Formed steel, vertically adjustable, 5-3/4" long x

3-1/2" wide.

PENDANT: 1/2" diameter, steel.

DOOR THICKNESS: 1-3/4" inches to 2-1/2".

FINISH: Wheels and frame, satin coat steel, apron and

pendant commercially galvanized; pendant, zinc plated.

INCLUDED: 1 carriage bolt 5/16" diameter x 2-1/4" long

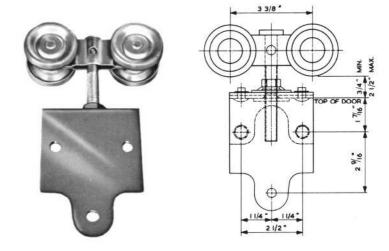
2 flat head stove bolts 5/16" diameter x 2-3/4" long

SHIPPING WEIGHT: 2-1/2 lbs.

CAPACITY: 1 pair for maximum door weight of 400 lbs.

UPC CODE: 6-27991-76095-1

#### 323 Hanger



# 7-6111 for use with No. 31 Track.

SIZE: 323S

TRUCK: Same as 323 Hanger.

PENDANT: 1/2" diameter, steel, zinc plated.

FASTENERS: (1) 5/8" Plan Washer

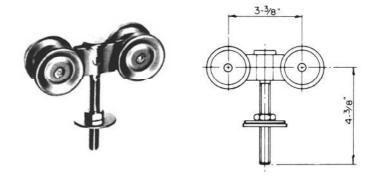
ASTENERS: (1) 5/8" Plan Washer (1) 1/2" Hexnut

(1) 1/2" Locating Nut

CAPACITY: 1 pair for maximum door weight of 400 lbs.

SHIPPING WEIGHT: 1-1/2 lbs.
UPC CODE: 6-27991-76111-8

#### 323S Truck & Pendant



#### 7-6113 for use with No. 75 Track.

SIZE: 27

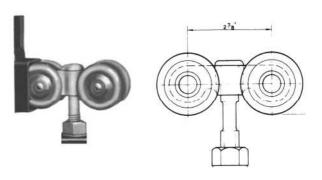
TRUCK: Same as 27B1 & 27B2 Hanger.
PENDANT: 1/2" diameter x 5", steel, zinc plated.

FASTENERS: (1) Lock Nut

(1) 1/2" Hexnut (1) 1/2" Lock Washer

CAPACITY: 1 pair for maximum door weight of 550 lbs.

SHIPPING WEIGHT: 1-1/2 lbs.





#### 7-6089 for 27B1

#### 7-6090 for 27B2

SIZE: 27B1, 27B2 (for use in No. 75 Track) WHEELS: 2-1/8" diameter, formed steel. BEARINGS: Hardened ball bearings.

FRAME: Machined forged steel, hardened and zinc plated. Laterally adjustable, formed steel 9" I. x 4" w. APRON: PENDANT: 1/2" dia. x 5" long bolt with adjusting nut.

DOOR THICKNESS: 27B1 hanger 1-5/8" to 2"

27B2 hanger 2" to 2-3/4"

Wheels satin coat steel, frame and pendant zinc plated, apron black enamel. FINISH:

INCLUDED: 8 carriage bolts 5/16" dia. x 2-1/2" long for 27B1

8 carriage bolts 5/16" dia. x 3-1/2" long for 27B2 4 flat head stove bolts 5/16" x 2-3/4" long for 27B1 4 flat head stove bolts 5/16" x 3-1/2" long for 27B2

1 lock joint clip for No. 31 track

1 carriage bolt 5/16" diameter x 3/4" long

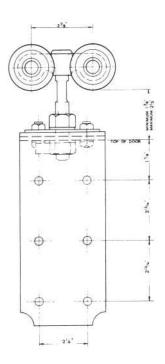
2 blinds for track ends.

SHIPPING WEIGHT: 10 lbs. per box of two.

CAPACITY: 1 pair for maximum door weight of 550 lbs.

#### 27B1/27B2 Hanger





# 1-0605 for use in No. 31 Track Curves

SIZE: 235 x 3

WHEELS: 2-1/8" diameter, formed steel. **BEARINGS:** Hardened ball bearings throughout. FRAME& PENDANT: Machined forged steel, zinc plated. APRON: Formed steel, 5-3/4" long x 3-1/2" wide.

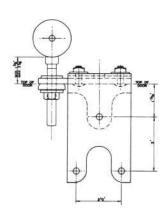
1/2" diameter. PENDANT: FINISH: Black enamel. **DOOR THICKNESS:** 1-1/2" to 2-1/4".

One hanger per box including fasteners. PACKED:

SHIPPING WEIGHT:

#### 235 x 3 Hanger





#### 1-1756 for use in No. 31 Track Curves

235 x 5

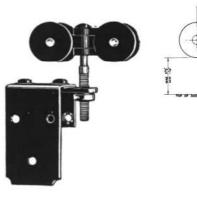
WHEELS: 2-1/8" diameter, formed steel. **BEARINGS:** Cold rolled steel rollers. FRAME: Machined ductile iron casting. Formed steel, 5-3/4" long x 3-1/2" wide. APRON: PENDANT: 1/2" diameter x 5" long, zinc plated.

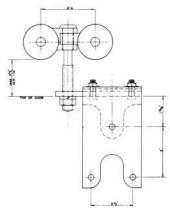
FINISH: Black enamel.

One hanger per box including fasteners. PACKED:

SHIPPING WEIGHT:

#### 235 x 5 Hanger







111-0059 for 6 ft

111-0061 for 10 ft

111-0060 for 8 ft

SIZE: 6', 8', 10'

MATERIAL: Formed steel, 13 Gauge. FINISH: Black enamel.

WEIGHT: 3.5 lbs. per ft.

33 Track





NOTE: Track should be supported at 2'-0" centres.

1-0298

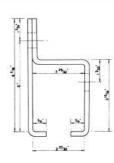
SIZE: 1 x 33

MATERIAL: Formed steel, 3/16" thick.

FINISH: Black enamel. WEIGHT: 3 lbs. each.

1 x 33 Track Bracket





7-6138

SIZE: 1 x 33

MATERIAL: Formed steel.

FINISH: Black enamel.

FASTENERS: Included.

PACKED: One "Lock Joint Clip" including fasteners with each

pair of hangers.

1

1 x 33 Lock Joint Clip Package For installation instructions see 1 x 31 L.J. Clip on Page 6

114-0298

SIZE: 18 x 33

MATERIAL: Formed steel, 3/16" thick.

FINISH: Black enamel.
SHIPPING WEIGHT: 4 lbs. each

18 x 33 Track Bracket





1-0334

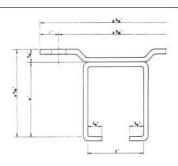
SIZE: 5 x 33

MATERIAL: Formed steel, 3/16" thick.

FINISH: Black enamel. SHIPPING WEIGHT: 4 lbs.

5 x 33 Track Bracket





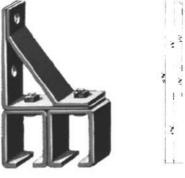


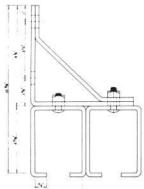
22 x 33

THICKNESS: Maximum Door Thickness 3" **CLEARANCE:** 1" between doors MATERIAL: Formed steel, 3/16" thick.

FINISH: Black enamel SHIPPING WEIGHT: 10 lbs. each.

#### 22 x 33 Track Bracket





#### 7-6131

SIZE: 22 x 33

2 clips per package complete with new lengthened fasteners PACKED:

SHIPPING WEIGHT: 2 lbs.

For use with No. 33 x 33 bracket. Order 3 pkg. for every 2 brackets.

INSTALLATION: See 22 x 31 L.J. Clip Page 20

1. Remove existing fasteners from 22 x 33 bracket. 2. Replace with new lengthened bolts from L.J. Clip pkg.

Place L.J. Clip over bracket so bent ends drop into holes in top of track and then tighten nuts.

#### 22 x 33 Lock Joint Clip Package



#### 1-0342

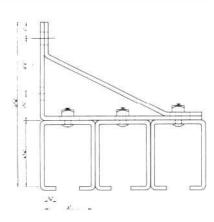
SIZE: 33 x 33

THICKNESS: Maximum Door Thickness 2-3/4"

CLEARANCE: 1" between doors MATERIAL: Formed steel. FINISH: Black enamel. SHIPPING WEIGHT: 15 lbs. each.

#### 33 x 33 Track Bracket







#### 7-6097 for 150B1

7-6098 for 150B2

For use in No. 33 Track.

SIZE: 150B1, 150B2

WHEELS: 3" diameter formed steel. BEARINGS: Hardened ball bearings.

FRAME: Formed steel, hardened and zinc plated.

APRON: Laterally adjustable, formed steel 11-3/4" I. x 4" w.

PENDANT: 3/4" dia. square head bolt with adjusting nut zinc

plated.

DOOR THICKNESS: 150B1 hanger, 1-3/4" to 2-1/4"

150B2 hanger, 2-1/4" to 3-1/2"

FINISH: Frame, pendant and wheels zinc plated. Aprons,

black enamel.

PACKED: One PAIR in a box. Included in each box:

12 flat head stove bolts 3/8" dia. x 3" l. for 150B1 12 flat head stove bolts 3/8" dia. x 4" l. for 150B2  $\,$ 

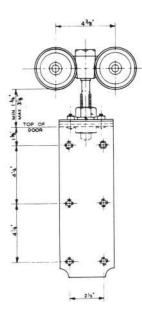
2 carriage bolts 7/16" dia. x 1" long 1 lock joint clip for No. 33 track. 2 blinds for track ends.

SHIPPING WEIGHT: 20 lbs. per box of two

CAPACITY: 1 pair for maximum door weight of 700 lbs.

#### 150B1/150B2 Hanger





Also available without aprons

# 111-0360 for 6 ft

111-0362 for 10 ft

111-0361 for 8 ft

SIZE: 6', 8', 10'

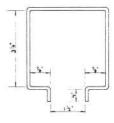
MATERIAL: Formed steel, 10 gauge.

FINISH: Black enamel.

PACKED: Per piece
WEIGHT: 7 lbs. per ft.

#### 333 Track





#### 1-0296

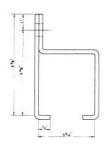
SIZE: 1 x 33

MATERIAL: Formed steel, 1/4" thick.

FINISH: Black enamel. WEIGHT: 5 lbs. each.

#### 1 x 333 Track Bracket





#### 114-0691

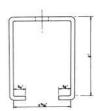
SIZE: 18 x 333

MATERIAL: Formed steel, 1/4" thick.
FINISH: Black enamel.

WEIGHT: 4-1/2 lbs. each.

#### 18 x 333 Track Bracket







5 x 333

MATERIAL: Formed steel, 1/4" thick.

FINISH: Black enamel. WEIGHT: 6 lbs. each.

#### 5 x 333 Track Bracket



SIZE: 22 x 333

THICKNESS: Maximum door thickness 3-3/4"

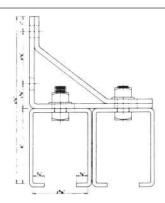
**CLEARANCE:** 1" between doors.

Brackets Proper, 1/4" formed steel. Angle bracket and brace, 5/16" steel. MATERIAL:

FINISH: Black enamel. WEIGHT: 17 lbs. each.

#### 22 x 333 Track Bracket





#### 7-6099 for 160B1

#### 7-6100 for 160B2

For use in No. 333 Track.

160B1, 160B2 SIZE:

WHEELS: 2-7/8" dia. with single flange, 3-3/16" dia., grey

BEARINGS: Hardened ball bearings.

Formed steel, hardened and zinc plated. FRAME:

APRON: Laterally adjustable, formed steel 11-3/8" I. x 4" w. PENDANT: 3/4" dia. square head bolt with adjusting nut zinc

**DOOR THICKNESS:** 160B1 hanger, 1-3/4" to 2-1/4"

160B2 hanger, 2-1/4" to 3-1/2"

FINISH: Frame, pendant zinc plated, wheels and apron black

PACKED: One PAIR in a box, Included in each box:

12 flat head stove bolts 3/8" dia. x 3" l. for 160B1

12 flat head stove bolts 3/8" dia. x 4" l. for 160B2

WEIGHT: 23 lbs. per box of two

CAPACITY: 1 pair for doors up to 1,000 lbs.

#### 160B1/160B2 Hanger

#### 2-1334

SIZE:

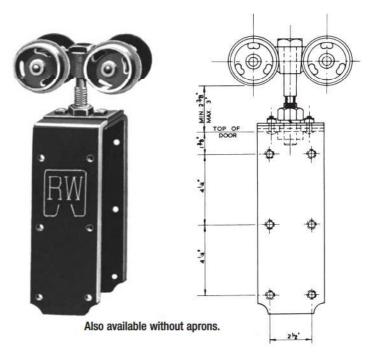
MATERIAL: Formed 3/16" steel plus 2 - 5/8" dia. cold rolled

steel runways with ends machined to interlock adjoining track.

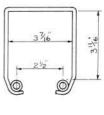
FINISH: Grey paint.

PACKED: Per piece. WEIGHT: 11 lbs. per foot.

#### 888 Track







NOTE: Track must be supported at each joint and at intermediate points not to exceed 50"



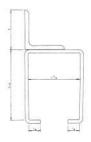
#### 7-6139

1 x 888

MATERIAL: 1/4" formed steel. FINISH: Grey paint. SHIPPING WEIGHT: 6 lbs. each

#### 1 x 888 Track Bracket





#### 7-6146

SIZE: 5 x 888

MATERIAL: 1/4" formed steel. FINISH: Grey paint. SHIPPING WEIGHT: 6-1/2 lbs. each

#### 5 x 888 Track Bracket



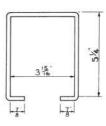


#### 114-1556

SIZE: 18 x 888 MATERIAL: 1/4" formed steel. FINISH: Grey paint. SHIPPING WEIGHT: 5 lbs. each.

#### 18 x 888 Track Bracket





# 7-6112

For use in No. 888 Track.

SIZE:

WHEELS: 2-3/4" tread diameter, machined steel.

**BEARINGS:** Double row ball bearings. FRAME: Ductile iron casting.

Laterally adjustable, formed steel 11-3/8" long x 4" APRON:

1" dia. high tensile steel with 2 zinc plated adjusting nuts. PENDANT:

2-1/4" to 3-1/2"

DOOR THICKNESS: FINISH: Grey paint.

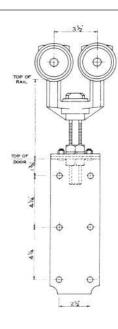
1 per box, including 12 flat head stove bolts, 3/8" dia. x 4" long. PACKED:

18 lbs. each.

WEIGHT: CAPACITY: 1 Pair for doors up to 4000 lbs.

#### 888A Hanger





Also available without aprons.



#### 2-2894 for 6 ft

#### 2-2896 for 10 ft

SIZE: 6', 10'

RAIL: 1-1/4" x 3/16" hot rolled steel.

BRACKETS: Formed steel, rivetted to track, one every foot.

STANDARD LENGTHS: 6 and 10 feet. FINISH: Black enamel. PACKED: Per piece.

95 lbs. per 100 lineal feet. WEIGHT:

#### 50 Flat Track

#### 7-6091

For Use on No. 50 Flat Track. SIZE: 735

2-3/8" dia. with 3" dia. double flanges, grey iron. WHEEL:

**BEARINGS:** Cold rolled steel, rollers.

Rigid suspension, laterally adjustable, formed steel 5" long x 2" wide. APRON:

PENDANT: Steel screw for vertical adjustment.

**DOOR THICKNESS:** 1-1/2" to 1-7/8".

Black enamel, pendant zinc plated. FINISH:

PACKED: 1 per poly bag

2 carriage bolts 5/16" dia. x 2-1/4" long

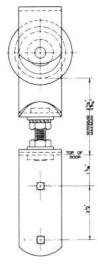
1 round head stove bolt 1/4" dia. x 5/8" long

WEIGHT: 3 lbs.

CAPACITY: 1 pair for door up to 250 lbs.

**UPC CODE:** 6-27991-76091-3





#### 735 Hanger

#### 7-6024 for 1 ton 7-2090 for 1/2 ton

The 1029 Hanger is a monorail type trolley fitted with a door apron.

SIZE: 1/2 Ton, 1 Ton

WHEEL: Hardened steel (ball bearing).

FRAME: Mild steel plate. APRON: Formed steel. PENDANT: 3/4" dia. bolt.

1/2 ton, 4", 5", 6", 8", 10", 12" I-Beam TRACK:

1 ton, 5", 6", 8", 10", 12", 15" I-Beam

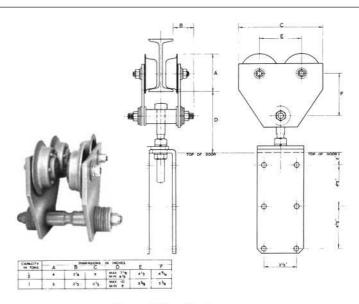
DOOR THICKNESS: 1-3/4" to 2-1/4". FINISH: Grey paint.

WEIGHT: 1/2 ton capacity 18 lbs.; 1 ton capacity 33 lbs. CAPACITY: 1 pair 1/2 ton for max. door weight of 2,000 lbs.

1 pair 1 ton for max. door weight of 4,000 lbs.

PACKED: Shipped loose.

#### 1029 Hangers



Also available without aprons

# **HARDWARE**

#### 421-0069

SIZE: 1-1/4" x 1-1/4"

1-1/4" x 1-1/4" X 14 ga. perforated support or reinforcing angle. Available in 8' lengths. DESCRIPTION:

HOLE DIAMETER: 11/32"

HOLE SPACING: 1" centre to centre.

#### 1 x 1 Angle

#### 1-0237

SIZE: 54

No. 54 Steel Barn Door Stay Roller commonly used on all inside sliding doors. Wheel, Nylon, 2-1/2 inches diameter.

FINISH: Zinc plated.

WEIGHT: 2-1/2 lbs. each

#### 54 Stay Roller

#### 1-0241

For inside doors only. Can be fastened to concrete floors with expansion bolts. Wheel, grey iron, 2 inches diameter. Steel frame.

FINISH: Black enamel. WEIGHT: 1/2 lb. each

#### 66 Stay Roller

#### 1-0242

SIZE: 68

No. 68 Adjustable and Reversible Stay Roller for doors up to 3".

WHEEL: Nylon, 2-1/2" diameter.

FRAME: Heavy steel, 2" wide, 7-3/4" high, 1/4" thick

WHEEL HEIGHT: Stay Roller Wheel stands 4-1/2" high.

FINISH: Zinc plated. PACKED: Bulk.

3.25 lbs. each. WEIGHT:

#### 68 Stay Roller

#### 1-0243

SIZE:

Reversible and adjustable for doors 1-1/2" to 3" thick.

WHEEL: Nylon, 2-1/2" diameter.

FRAME: Steel. FINISH: Zinc plated. PACKED: Bulk. WEIGHT: 2.1 lbs. each. 6-27991-10243-0

153 Stay Roller

#### 1-0244

UPC:

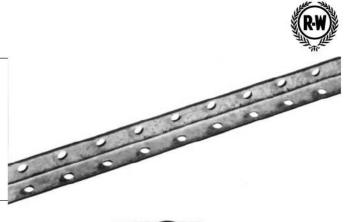
No. 154 Heavy Steel Warehouse Stay Roller. Wheel Protected on all sides except door side with heavy steel frame.

WHEEL:

Gray iron, 3-1/2" diameter. FRAME: Steel, has screw holes slotted providing means for

adjustment. FINISH: Black enamel. WEIGHT: 5 lbs. each.

154 Stay Roller















#### 1-0506

SIZE:

89

No. 89 Adjustable for doors 1-3/4" to 3" thick. Brace is pivoted, end is flared. May be used at front or back of door. Use 7/16" diameter lag screws or bolts. Finish, black enamel. Packed in bulk. Weight, 1.6 lbs. each.

#### 89 Binder



#### 114-0549

SIZE:

69

Made of steel and suitable for any size door. Stock, 3/8" x 2-1/2". Length on wall, 6-3/4" Finish, black enamel. Packed in bulk. Weight, 2.1 lbs. each.

#### 69 Bumper



#### 1-0585

SIZE:

271

For use with pairs of sliding garage doors. Guides the bottom of doors and holds them in place when closed. Suitable for use with concrete or wood floors. Adjustable for doors 1-3/4" to 3" thick. Weight, 4 pounds. Finish, black enamel.

#### 271 Floor Guide



#### 111-0345

SIZE:

72

FINISH:

Galvanized

NOTE: Two bumper shoes are used on end of each door.

#### 72 Bumper Shoes



#### 1-0363

SIZE:

671

Guides heavy sliding doors and holds them in place. Suitable for either wood or concrete. Made of grey iron, finished in black enamel. 671 Floor Guide (weight 5 pounds).

#### 671 Floor Guide



#### 771

SIZE:

77

Heavy duty - for electrically operated doors. Custom made to suit size of doors. Give full details including door thickness.

#### 771 Floor Guide



# **HARDWARE**



7-6127 for 435 X 31 End Bracket 7-6129 for 435 X 33 End Bracket



1-0455 for 435 X 31 Centre Bracket 1-0457 for 435 X 33 Centre Bracket



7-6126 for 435 X 31 Intermediate Bracket 7-6128 for 435 X 33 Intermediate Bracket



7-6092 for 435 X 31 Hanger 1-0164 for 435 X 33 Hanger



#### 7-6143 DOOR SNUGGER



#### ZINC PLATED WELDED CHAIN LAG BOLTS INCLUDED SIMPLE TO INSTALL

- Built Ruggedly to "Last"
- Quick and Easy Installation.
- Used as Door Pull to Open and Close.
- Fits Most Sliding Doors.
- Quick Latching.
- Not Accessible From Outside.
- · Locks Tight and Stays Tight.
- 1-1/2" x 15" Size.
- UPC Code: 6-27991-76143-9

#### **BI-PARTING DOOR INSTALLATION**

Install brackets, one on each door (A) & (B).
 Make sure the distance between the bottom of brackets is 2" greater than at top.

 Pull chain down to snug doors together.

#### SINGLE DOOR INSTALLATION

Install one bracket on inside of door (A).
 Install second bracket on door jamb (B) with chain and hooks in position. Make sure the distance between the bottom of brackets is 1-1/2" greater than at top.

Pull chain down to snug door to jamb.

For other applications, follow the simple principle of the above installations. Make sure the brackets are installed providing a 1"-2" wider gap between bottom brackets.

# BI-PARTING DOOR INSTALLATION DOOR (A) DOOR (B)





#### 2-3050

SIZE: 12" PINTLE: Steel.

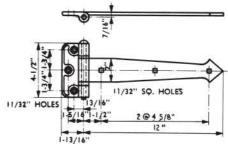
STRAP: Formed steel, 1/4" thick x 2" wide. PIN: 3/8" dia. steel, loose pin. FINISH: Pintle and strap, black enamel.

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 3 lbs. each.

#### 03 x 0 Hinge





#### 1-0414 for 18" 1-0413 for 24"

SIZE:

PINTLE: Formed steel, 5/16" thick.

Formed steel, 5/16" thick x 2-1/2" wide. STRAP:

PIN: 1/2" dia. steel, zinc plated. Loose pin with cotter pin.

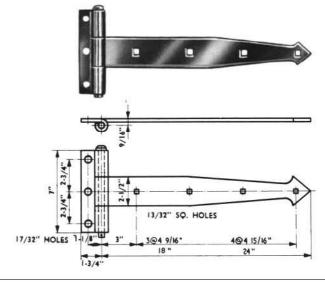
FINISH: Pintle and strap, black enamel.

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 18" - 7 lbs. each

24" - 8-1/2 lbs. each

#### 03 x 3S Hinge



#### 1-0405

SIZE:

PINTLE: Formed steel, 5/16" thick.

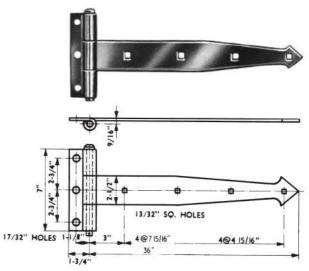
STRAP: Formed steel, 5/16" thick x 2-1/2" wide.

PIN: 1/2" dia. steel, zinc plated. BEARINGS: 2 precision ball bearings. FINISH: Pintle and strap, black enamel.

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 11-1/2 lbs. each

#### 03 x 3S - BB Hinge



# HARDWARE



#### 1-0491

SIZE: 10"

PINTLE: Formed steel.

Formed steel, 3/16" thick x 2" wide. STRAP:

3/8" dia. steel loose pin. PIN:

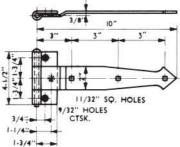
Zinc plated. FINISH:

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 2 lbs. each.

#### 734 Hinge





#### 2-2917

SIZE: 15"

PINTLE: Formed steel, 1/4" thick. STRAP: Formed steel, 1/4" thick x 2" wide.

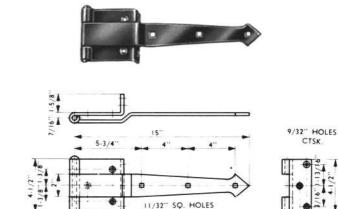
3/8" dia. steel loose pin. PIN: FINISH: Pintle and strap, black enamel.

PACKED: Strapped in bundles as required. Fasteners not

included.

SHIPPING WEIGHT: 5 lbs. each.

#### 03 x 5 Hinge



#### 1-0203

SIZE: 24"

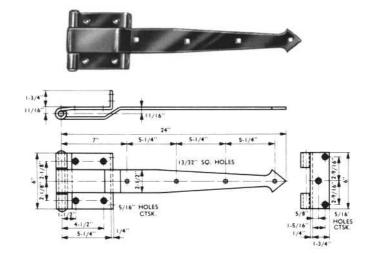
PINTLE: Formed steel, 1/4" thick.

STRAP: Formed steel, 1/4" thick x 2-1/2" wide. PIN: 5/8" dia. cold rolled steel, tight pin. BEARINGS: 2 hardened steel disc bearings. FINISH: Pintle and strap, black enamel.

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 10 lbs. each.

#### 03 x 10 Hinge





#### 1-0187

SIZE: 16"

PINTLE: Formed steel, 3/16" thick.

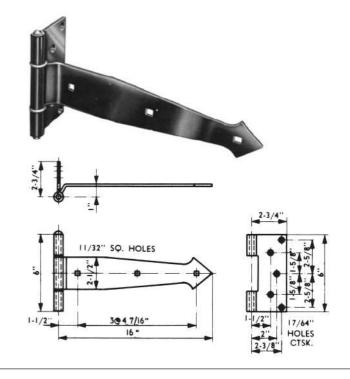
STRAP: Formed steel, 3/16" thick x 2-1/2" wide.

3/8" dia. steel loose pin. PIN: **BEARINGS:** 2 hardened steel disc bearings. FINISH: Pintle and strap, black enamel.

PACKED: Strapped in bundles as required. Fasteners not

SHIPPING WEIGHT: 4-1/2 lbs. each.

#### 03 x 1 Hinge



#### 1-0232

48" SIZE:

PINTLE: Formed steel, 3/8" thick. STRAP: Formed steel, 3/8" thick x 3" wide.

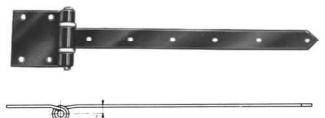
PIN: 1" dia. steel, zinc plated. Loose pin with cotter pin.

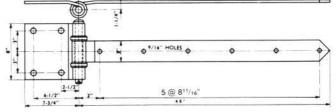
BEARINGS: 2 precision ball bearings. FINISH: Pintle and strap, black enamel.

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 24 lbs. each.

#### 434 WM - BB Hinge





#### 1-1683

48" SIZE:

PINTLE: Formed steel, 3/8" thick.

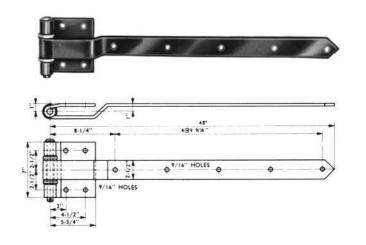
STRAP: Formed steel, 3/8" thick x 2-1/2" wide. 3/4" dia. steel, zinc plated. Loose pin with cotter pin. PIN:

**BEARINGS:** 2 precision ball bearings. Pintle and strap, black enamel. FINISH:

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 17-1/2 lbs. each.

#### 434 BL - BB Hinge



# **HARDWARE**



#### 2-2994

SIZE:

STRAPS: Formed steel, 3/16" thick x 3" wide offset straps.

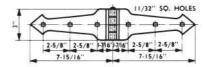
PIN: 3/8" dia. steel tight pin. FINISH: Complete hinge, black enamel.

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 2-1/2 lbs. each.

#### 03 x 9 Hinge





#### 1-0729

PIN:

SIZE: 12"

STRAPS: Formed steel, 1/4" thick x 2-1/2" wide (basic

width)

5/8" dia. steel, zinc plated. Loose pin with cotter pin.

BEARINGS: 2 hardened steel disc bearings. Complete hinge, black enamel. FINISH:

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 6-1/2 lbs. each.

# 13/32" SQ. HOLES

#### 700 Hinge

# 1-0199

SIZE: 18"

STRAPS: Formed steel, 3/8" thick x 2-1/2" wide (basic width) 3/4" dia. steel, zinc plated. Loose pin with cotter pin. PIN:

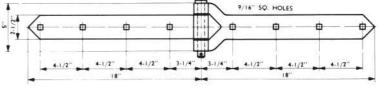
**BEARINGS:** 2 hardened steel disc bearings. FINISH: Complete hinge, black enamel.

Strapped in bundles as required. Fasteners not included. PACKED:

SHIPPING WEIGHT: 12 lbs. each.

#### 03 x 7 Hinge





#### 1-0079

SHIPPING WEIGHT:

SIZE: 12"

PINTLE: Malleable iron casting.

Formed steel, 3/16" thick x 2-1/4" wide. STRAPS:

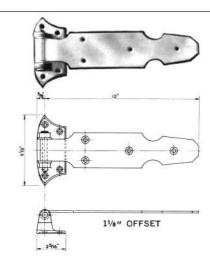
3/8" dia. steel - loose. PIN: **BEARINGS:** 2 hardened steel disc bearings. FINISH: Pintle, strap and pin zinc plated.

3 lbs. each.

PACKED: Strapped in bundles as required. Fasteners not

included.

#### 03R x 12 Refrig. Hinge





#### 1-0081

24"

PINTLE: Malleable iron casting.

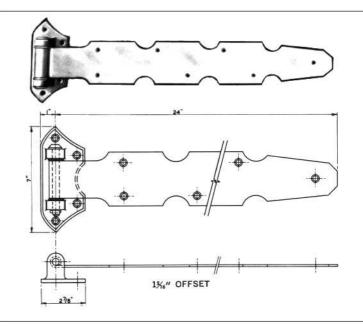
STRAPS: Formed steel, 3/16" thick x 3-1/2" wide.

1/2" dia. steel - loose. PIN: **BEARINGS:** 2 hardened steel discs. FINISH: Pintle, strap and pin zinc plated.

PACKED: Strapped in bundles as required. Fasteners not

SHIPPING WEIGHT: 6 lbs. each.

#### 03R x 24 Refrig. Hinge



#### 1-1657

123" SIZE: LENGTH: 9 inches. FINISH: Zinc plated. SHIPPING WEIGHT: 6 lbs. each. PACKED: 1 set in a box.



#### 1-1514

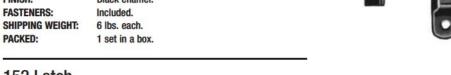
SIZE: 152

Combination lock and latch. Operated from either side of door. Other side of latch equipped with flush DESCRIPTION:

cup to allow installation on sliding doors as well.

**DOOR THICKNESS:** up to 2-3/4"

1-1/2" x 5/16" x 14". BAR: FINISH: Black enamel. Included. 6 lbs. each. 1 set in a box.



#### 152 Latch

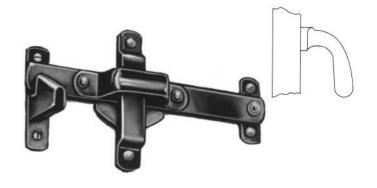
#### 7-3012

SIZE:

Heavy latch for swing doors. Reversible right and left. Pistol grip on other side of latch. DESCRIPTION:

DOOR THICKNESS: up to 3"

BAR: 1-1/2" x 5/16" x 14". FINISH: Black enamel. **FASTENERS:** Included. SHIPPING WEIGHT: 6-1/4 lbs. each. PACKED: 1 set in a box.



#### 125 Latch

# HARDWARE



#### 1-1786

SIZE:

DOOR THICKNESS: 1-3/4" to 2-3/4"

HANDLES: Grey iron casting, 7-3/4" long.

THUMB PIECES: Grey iron casting.

BAR: Steel 1" x 1/4" x 9-1/4" long.

**LOCKING PLATES:** Steel, to be mortised into door and jamb.

FINISH: Zinc plated. **FASTENERS:** Included.

SHIPPING WEIGHT: 3 lbs. per box of one set.

PACKED: 1 set in a box, 10 boxes in a carton.

UPC CODE: 6-27991-11786-1



#### 227L Latch

#### 7-3140

SIZE:

**DESCRIPTION:** All steel door bolt for swinging and sliding doors.

LATCH BOLT: 3/8" dia. formed steel.

OVERALL LENGTH: 8". STAPLE: Supplied. FINISH: Zinc plated.

SHIPPING WEIGHT: 10 lbs. per box of 10 bolts.

PACKED: 10 sets in a box, 10 boxes in a carton.

#### 128S Bolt

#### 1-0162

The 513 top and bottom bolt is for use on doors over 7'-0" high, up to 10'-0" high. Latch bars must be shortened to suit doors less that 10'-0" high. DESCRIPTION:

1" to 1-3/4" **DOOR THICKNESS:** 

BARS: 5/16" thick x 1" wide steel bars.

**GEAR CASE:** All steel with bronze pinion. Case 4" wide x 8-1/2"

high.

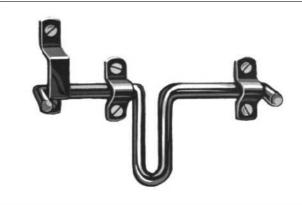
HOUSING: All steel construction, 3" wide x 7-1/2" high. HANDLE: Heavy malleable cast iron construction.

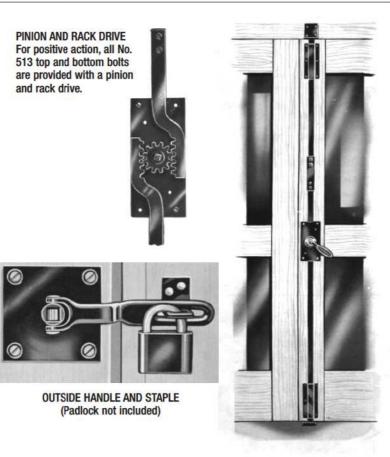
SILL PLATE: All steel construction. LINTLE PLATE: All steel construction. TOP KEEPER: All steel construction. DOOR PLATE: Steel 10 ga. 4" x 4".

STAPLE: All steel construction, (padlock not included).

FINISH: Black enamel. SHIPPING WEIGHT: 23 lbs. PACKED: 1 set in a box.

#### 513 Top and Bottom Bolt







#### 1 - 1785

SIZE: 514 x 2

HOUSING: Cast iron, 5-1/2" high x 2-7/8" wide.

BOLT: Cast iron, bevelled.

KEEPER: Surface.

CHAIN: Zinc plated, 36" long - with ring.

CHAIN CLIP: Formed steel. FINISH: Zinc plated.

PACKED: 1 in a box. 10 boxes in a carton.

SHIPPING WEIGHT: 2 1/2 lbs. each

#### 514 x 2 Top Spring Bolt

#### 7-6134

SIZE: 514 x 3

HOUSING: Steel tube 1-1/4" sq. x 9" long.

BOLT: Bevelled steel. KEEPER: Surface.

CHAIN: Zinc plated, 7'0" long with ring.

CHAIN CLIP: Formed steel.
FINISH: Black enamel.
PACKED: 1 in a box.
SHIPPING WEIGHT: 5 lbs. each

#### 514 x 3 Top Spring Bolt



#### 7-6093 for 524 X 2

 SIZE:
 524 x 0, 524 x 2, 524 x 3

 CANE:
 Formed steel bar.

 ALL FITTINGS:
 Formed heavy steel.

 FINISH:
 524 x 0, 524 x 2, Zinc plated

524 x 3, Black enamel SIZES: 524 x 0, 1/2" Dia. x 12"

SIZES: 524 x 0, 1/2" Dia. x 12" Lg.; 524 x 2, 3/4" Dia. x 24" Lg. 524 x 3, 1" Dia. x 25" Lg.

PACKED: 524 x 0, 524 x 2 5 sets per box 524 x 3, 1 set per box

SHIPPING WEIGHT: 524 x 0, 2 lbs. ea.; 524 x 2, 5 lbs. ea.;

524 x 3, 11 lbs. ea.

#### 524 Bottom Cane Bolt

#### 111-0328

SIZE: 7

HANDLE: Formed Steel.

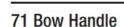
OVERALL SIZES: 7-1/2" high x 1-3/8" wide.

LENGTH OF GRIP: 4-1/2".

DEPTH OF GRIP: 2".

FINISH: Zinc plated.

SHIPPING WEIGHT: 1/2 lb. each UPC: 6-27991-10328-4











# **HARDWARE**



#### 248-0140

SIZE: 81 X 1

HANDLE: Grey iron casting.

OVERALL SIZES: 6-1/4" high x 1-3/4" wide.

LENGTH OF GRIP: 3-3/4".
DEPTH OF GRIP: 1".

FINISH: Black enamel. SHIPPING WEIGHT: 1/2 lb. each



#### 81 x 1 Bow Handle

#### 1-0418

SIZE: 191

HANDLE: 3/4" dia. formed steel.

PADS: Straight. Steel drilled for 1/2" dia. bolts.

OVERALL SIZES: 13-1/2" high x 2" wide. Handle projects 2-3/4" from

face of door.

 LENGTH OF GRIP:
 8".

 DEPTH OF GRIP:
 1-7/8".

 FINISH:
 Black enamel.

 SHIPPING WEIGHT:
 3 lbs. each

 UPC:
 6-27991-10418-2



#### 191 Bow Handle

#### 425-0090

SIZE: 70

DESCRIPTION: Formed steel construction.
7" high x 4-1/2" wide.

POCKET: 4-1/2" high x 1-3/8" wide x 1-1/4" deep.

FINISH: Commercially galvanized.

SHIPPING WEIGHT: 1 lb. each



#### 70 Flush Pull

#### 258-0169

SIZE: 47

HANDLE: Grey iron casting.

FACE PLATE: 6-3/8" high x 5" wide.

POCKET: 4-3/8" high x 3-3/4" wide x 1-3/4" deep.

FINISH: Black enamel. SHIPPING WEIGHT: 3 lbs. each



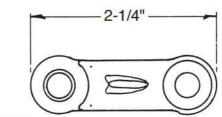
#### 470 Flush Pull

#### 328-311

These fusible links are adapted for use on all doors and windows which are constructed to operate automatically by heat. They melt at 160 degrees Fahrenheit.

No. 97 Fusible Link U.L. Approved.

#### 97 Fusible Links



No. 97

# SLIDETITE HARDWARE



#### 331A Set

CONSISTS OF: 1 piece 31 Box Track

1 No. 435 x 31 Centre Bracket 1 No. 435 x 31 Intermediate Bracket

1 No. 435 x 31 End Bracket 1 No. 435 x 31 Hanger 4-1/2 Pr. 4 x 4 Butt Hinges 1 No. 514 Top Spring Bolt 1 No. 524-0 Cane Bolt

1 No 81-1 Bow Handle Black enamel.

SHIPPING WEIGHT: Black enamed 88 lbs.

#### 331A5 Set

CONSISTS OF: 1 piece 31 Box Track

1 No. 435 x 31 Centre Bracket 1 No. 435 x 31 Intermediate Bracket 1 No. 435 x 31 End Bracket

1 No. 435 x 31 Hanger 1-1/2 Pr. 4 x 4 Butt Hinges 3 Pr. 03 x 5 Offset Hinges 1 No. 514 Top Spring Bolt 1 No. 524-0 Cane Bolt 1 No 81-1 Bow Handle

FINISH: Black enamel. SHIPPING WEIGHT: 64 lbs.

#### 331B Set

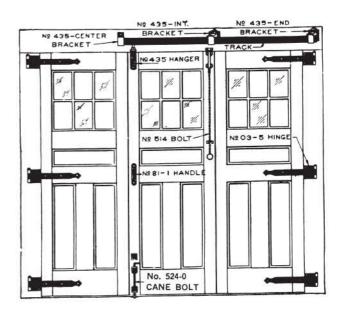
CONSISTS OF: 1 piece 31 Box Track

1 No. 435 x 31 Centre Bracket 1 No. 435 x 31 Intermediate Bracket 1 No. 435 x 31 End Bracket 1 No. 435 x 31 Hanger 4-1/2 Pr. 4 x 4 Butt Hinges 1 No. 513 Top and Bottom Bolt

1 No 81-1 Bow Handle

FINISH: Black enamel. SHIPPING WEIGHT: 56 lbs.

#### 3 Door Sets For Openings Up to 9' Wide



#### 331B5 Set

CONSISTS OF: 1 piece 31 Box Track

1 piece 31 Box Track 1 No. 435 x 31 Centre Bracket 1 No. 435 x 31 Intermediate Bracket 1 No. 435 x 31 End Bracket

1 No. 435 x 31 Hanger 1-1/2 Pr. 4 x 4 Butt Hinges 3 Pr. 03 x 5 Offset Hinges 1 No. 513 Top and Bottom Bolt 1 No 81-1 Bow Handle

FINISH: Black enamel. SHIPPING WEIGHT: 78 lbs. Specify if "Open Out" Set Required

USE ABOVE NO. 31 MATERIAL SETS FOR DOORS TOTALLING 250 LBS.

#### 333A Set

CONSISTS OF: 1 piece 33 Box Track

1 No. 435 x 33 Centre Bracket 1 No. 435 x 33 Intermediate Bracket

1 No. 435 x 33 End Bracket 1 No. 435 x 33 Hanger 1-1/2 Pr. 700 Centre Hinges 3 Pr. 03 x 5 Offset Hinges 1 No. 514 Top Spring Bolt 1 No. 524-0 Bottom Cane Bolt 1 No 81-1 Bow Handle

FINISH: Black enamel.
SHIPPING WEIGHT: 200 lbs.

#### 333B Set

CONSISTS OF: 1 piece 33 Box Track

1 No. 435 x 33 Centre Bracket 1 No. 435 x 33 Intermediate Bracket 1 No. 435 x 33 End Bracket

1 No. 435 x 33 Hanger 1-1/2 Pr. 700 Centre Hinges 3 Pr. 03 x 5 Offset Hinges 1 No. 513 Top and Bottom Bolts

FINISH: Black enamel. SHIPPING WEIGHT: 220 lbs.

USE ABOVE NO. 33 MATERIAL SETS FOR DOORS TOTALLING 400 LBS.

# SLIDETITE HARDWARE



#### X331A Set

CONSISTS OF: piece 31 Box Track

No. 435 x 31 Centre Bracket

No. 435 x 31 Intermediate Bracket No. 435 x 31 End Bracket

1 No. 435 x 31 Hanger 6 Pr. 4 x 4 Butt Hinges

2 No. 514 Top Spring Bolts 2 No. 524-0 Cane Bolts 2 No 81-1 Bow Handles

FINISH-Black enamel.

SHIPPING WEIGHT: 55 lbs Specify if "Open Out" Set Required

#### X331A5 Set

CONSISTS OF: 1 piece 31 Box Track

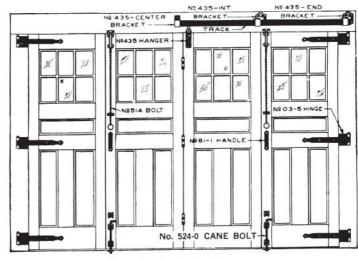
No. 435 x 31 Centre Bracket

1 No. 435 x 31 Intermediate Bracket 1 No. 435 x 31 End Bracket 1 No. 435 x 31 Hanger 3 Pr. 4 x 4 Butt Hinges 3 Pr. 03 x 5 Offset Hinges 2 No. 514 Top Spring Bolts 2 No. 524-0 Cane Bolts

2 No 81-1 Bow Handles

FINISH: Black enamel. SHIPPING WEIGHT: 70 lbs. Specify if "Open Out" Set Required

#### 4 Door Sets For Openings Up to 12' Wide (2 Doors Slide Right - 2 Doors Slide Left)



X331A5 Set Shown

#### X331B Set

CONSISTS OF:

piece 31 Box Track No. 435 x 31 Centre Bracket No. 435 x 31 Intermediate Bracket 1 No. 435 x 31 End Bracket 1 No. 435 x 31 Hanger 6 Pr. 4 x 4 Butt Hinges 2 No. 513 Top and Bottom Bolts

2 No 81-1 Bow Handles

FINISH: Black enamel. SHIPPING WEIGHT: 65 lbs Specify if "Open Out" Set Required

#### X331B5 Set

CONSISTS OF:

piece 31 Box Track No. 435 x 31 Centre Bracket No. 435 x 31 Intermediate Bracket No. 435 x 31 End Bracket 1 No. 435 x 31 Hanger

3 Pr. 4 x 4 Butt Hinges 3 Pr. 03 x 5 Offset Hinges 2 No. 513 Top and Bottom Bolts 2 No 81-1 Bow Handles

FINISH: Black enamel. SHIPPING WEIGHT: 85 lbs. Specify if "Open Out" Set Required

USE ABOVE NO. 31 MATERIAL SETS FOR DOORS TOTALLING 360 LBS.

#### X333A Set

CONSISTS OF: piece 33 Box Track

No. 435 x 33 Centre Bracket No. 435 x 33 Intermediate Bracket 1 No. 435 x 33 End Bracket 1 No. 435 x 33 Hanger 3 Pr. 700 Centre Hinges

3 Pr. 03 x 5 Offset Hinges 2 No. 514 Top Spring Bolts 2 No. 524-0 Bottom Cane Bolts 2 No 81-1 Bow Handles

FINISH: Black enamel. SHIPPING WEIGHT: 235 lbs. Specify if "Open Out" Set Required

#### X333B Set

FINISH:

CONSISTS OF: 1 piece 33 Box Track

No. 435 x 33 Centre Bracket No. 435 x 33 Intermediate Bracket

1 No. 435 x 33 End Bracket 1 No. 435 x 33 Hanger 3 Pr. 700 Centre Hinges 3 Pr. 03 x 5 Offset Hinges 2 No. 513 Top and Bottom Bolts 2 No 81-1 Bow Handles

Black enamel. SHIPPING WEIGHT: 255 lbs.

Specify if "Open Out" Set Required

USE ABOVE NO. 33 MATERIAL SETS FOR DOORS TOTALLING 500 LBS.



# SLIDETITE HARDWARE

#### 431A Set

CONSISTS OF:

2 pieces 31 Box Track 2 No. 435 x 31 Centre Brackets 2 No. 435 x 31 Intermediate Brackets 2 No. 435 x 31 End Brackets

2 No. 435 x 31 Hangers 6 Pr. 4 x 4 Butt Hinges 2 No. 514 Top Spring Bolts 2 No. 524-0 Cane Bolts 2 No 81-1 Bow Handles

FINISH: Black enamel. SHIPPING WEIGHT: 80 lbs.

#### 431A5 Set

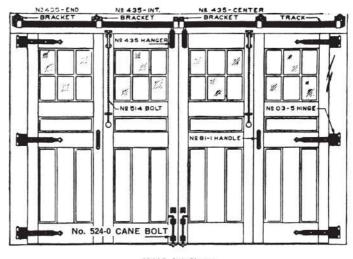
CONSISTS OF: 2 pieces 31 Box Track

No. 435 x 31 Centre Brackets 2 No. 435 x 31 Intermediate Brackets 2 No. 435 x 31 End Brackets 2 No. 435 x 31 Hangers 3 Pr. 4 x 4 Butt Hinges

3 Pr. 03 x 5 Offset Hinges

FINISH: Black enamel. SHIPPING WEIGHT: 105 lbs.

4 Door Sets for Openings up to 12' Wide (2 Doors Slide Right - 2 Doors Slide Left)



431A5 Set Shown

#### 431B Set

CONSISTS OF: 2 pieces 31 Box Track

No. 435 x 31 Centre Brackets 2 No. 435 x 31 Intermediate Brackets 2 No. 435 x 31 End Brackets 2 No. 435 x 31 Hangers 6 Pr. 4 x 4 Butt Hinges 2 No. 513 Top and Bottom Bolts Replaces No. 524 Cane Bolts.

FINISH: Black enamel. SHIPPING WEIGHT: 95 lbs.

#### 431B5 Set

CONSISTS OF:

2 pieces 31 Box Track 2 No. 435 x 31 Centre Brackets 2 No. 435 x 31 Intermediate Brackets 2 No. 435 x 31 End Brackets 2 No. 435 x 31 Hangers 3 Pr. 4 x 4 Butt Hinges 3 Pr. 03 x 5 Offset Hinges 2 No. 513 Top and Bottom Bolts Replaces No. 524 Cane Bolts.

FINISH: Black enamel. SHIPPING WEIGHT: 120 lbs.

USE ABOVE NO. 31 MATERIAL SETS FOR DOORS TOTALLING 250 LBS.

#### 433A Set

CONSISTS OF:

2 pieces 33 Box Track 2 No. 435 x 33 Centre Brackets 2 No. 435 x 33 Intermediate Brackets 2 No. 435 x 33 End Brackets 2 No. 435 x 33 Hangers 3 Pr. 700 Centre Hinges 3 Pr. 03 x 5 Offset Hinges 2 No. 514 Top Spring Bolts 2 No. 524-0 Cane Bolts 2 No 81-1 Bow Handles

FINISH: Black enamel. SHIPPING WEIGHT: 320 lbs.

#### 433B Set

CONSISTS OF:

2 pieces 33 Box Track 2 No. 435 x 33 Centre Brackets 2 No. 435 x 33 Intermediate Brackets 2 No. 435 x 33 End Brackets

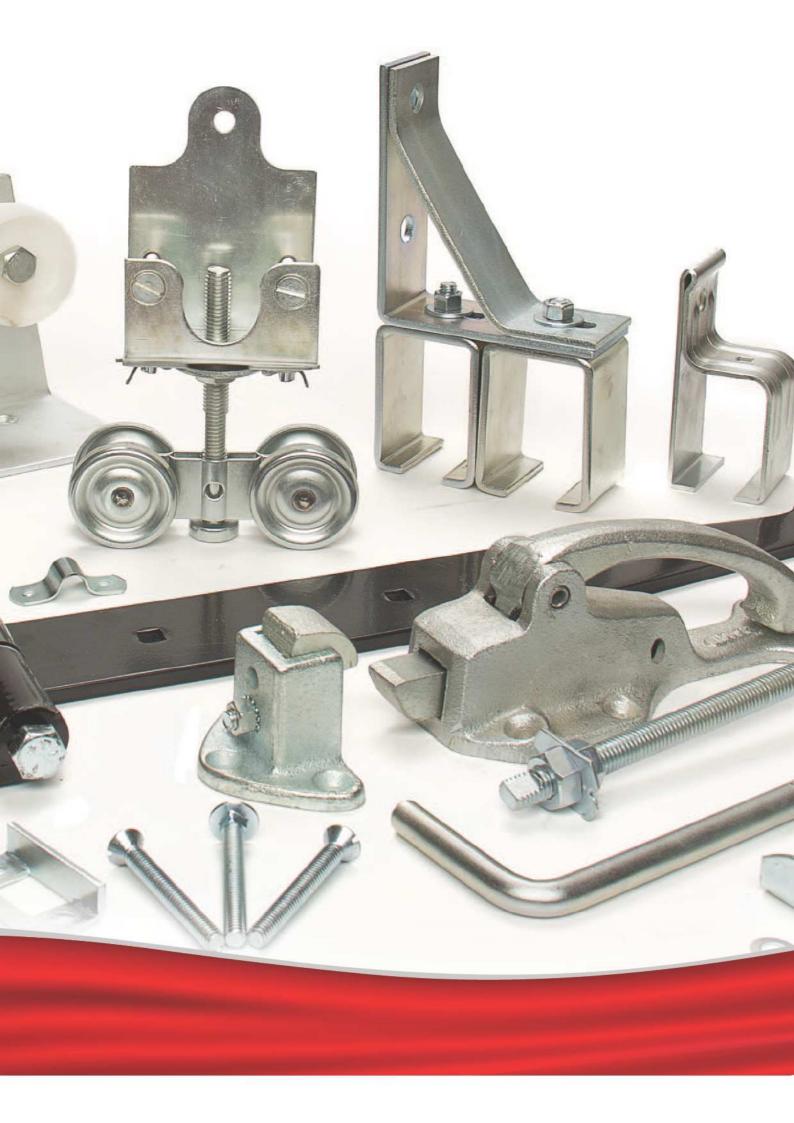
2 No. 435 x 33 Hangers 3 Pr. 700 Centre Hinges 3 Pr. 03 x 5 Offset Hinges 2 No. 514 Top Spring Bolts 2 No. 513 Top and Bottom Bolts Replaces No. 524 Cane Bolts.

FINISH: Black enamel. SHIPPING WEIGHT: 340 lbs.

USE ABOVE NO. 33 MATERIAL SETS FOR DOORS TOTALLING 600 LBS.

# NOTES







For more information on our Builders Hardware, please contact your local distributor



Richards-Wilcox Builders Hardware – Engineered for life 5100 Timberlea Boulevard, Mississauga, Ontario Canada L4W 2S5

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