
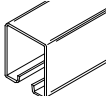

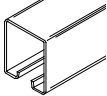

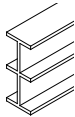

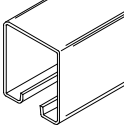

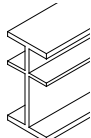

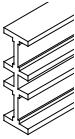


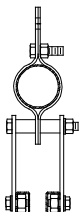
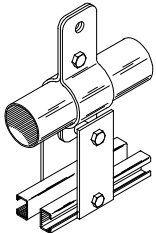





## CURTAIN TRACK SELECTION GUIDE

Model No.	Cross Section	Isometric View	Recommended Working Load <sup>1,2</sup>	Carrier Length <sup>3</sup>	Estimated Shipping Weight	Usage	Page No.
			per carrier	inches	lb/ft		
101 116	 1-3/4"W x 2"H		3 5	1-3/16 1-5/16	2.5	Standard-duty straight track for curtains up to 40 feet. Can be walk-along or cord operated.	6-9
201 221 228	 1-3/4"W x 2"H		5 4 10	1-3/4 1-1/4 1-3/4	3	Black finished, medium-duty straight track for curtains up to 48 feet. Can be walk-along or cord operated.	10-15
301 316 328	 1"W x 2-1/2"H		5 7 7	1-5/16	2	Standard-duty curved or straight track for curtains up to 60 feet. Can be walk-along or cord operated. Cord operated tracks cannot be reverse curved. Ideal for TV studios or stage use.	16-23
401 416 418 428	 2-5/8"W x 2-3/4"H		6 25 25 15	1-5/8 2-1/16 2-1/16 2-1/16	4.5	Model 401 straight track for curtains up to 60 feet. Can be walk-along or cord operated. Model Nos. 416, 418, and 428 for curtains of almost any length.	24-33
501 516	 1-5/8"W x 3-1/4"H		25 25	2-1/4	4.5	Heavy-duty curved or straight track for curtains of almost any length. Can be reverse curved for walk-along or cord operated use. Ideal for TV studios, stage, and auditorium dividers.	34-38
601 616 628	 1"W x 3-3/8"H		5 7 7	1-5/16	2	Medium-duty curved or straight track for curtains up to 60 feet. Walk-along or cord operated. Cord operated tracks cannot be reversed curved.	39-43
701 716 728	 5/8"W x 1-11/16"H		2 4 4	1-1/16	1	Light-duty curved or straight track for curtains up to 40 feet. Walk-along use only.	44-45
818			25	2-1/8	9	Heavy-duty curved or straight open style track for TV studios. Available in single and double configurations for walk-along use only.	46
1018	 3-1/4"W x 9-3/8"H		25	2-1/4	10	Heavy-duty, exceptionally quiet open style straight track for professional theatre and TV studio use. Cord operated only.	47-49

1. Recommended working load per carrier for cord operated tracks. Total weight of drapery, track length, and model used will determine ease of operation of the track system. Curtain weight per carrier is based upon a typical spacing of 12" on center across the top of the curtain.
2. Hanger spacing dependent on carrier load, see page 4 for recommendations. Track hangers must be supported from overhead structure by appropriate means.
3. Per carrier. To determine stacking space, see explanation page 3.



## ORDERING COMPLETE TRACKS

Individual bi-parting, one-way, or walk-along curtain tracks can be ordered on an even per-foot basis and supplied with components for normal operation. Model numbers for COMPLETE tracks are indicated by the model number of the carrier supplied with a suffix to further describe construction of the track. Note: COMPLETE tracks do not include hardware to attach hangers or floor block to building structure.

Example: Model No. 401S COMPLETE indicates use of No. 401 Single Carrier, No. 402 Master Carrier, and No. 410S steel track.

If a 40 foot No. 401S COMPLETE curtain track is required for manually operated bi-parting curtains 20 feet high, you would order the following:

40 feet No. 401S COMPLETE, 20 feet high.

Components for this track would include the following:

- 40 each No. 401 Single Carrier
- 1 pair No. 402 Master Carrier
- 1 each No. 403 Double End Pulley
- 1 each No. 404 Single End Pulley
- 1 set No. 405 Overlap Clamp
- 8 pair No. 406 Clamp Hanger
- 1 each No. 408 Adjustable Floor Block
- 1 pair No. 409 End Stop & Cord Support
- 2 pieces No. 410S-20 Track
- 120 feet No. 414 Operating Line  
(Quantity of line = 2 times track length + 2 times curtain height)

Note: Bi-parting curtain tracks are usually installed with a center overlap of 2 feet. Thus, a 40 foot COMPLETE track would have an overall length of 38 feet once installed.

### SUFFIX LEGEND:

- A- Aluminum
- B- Black
- C- Curved
- P- Premier
- S- Steel (or Straight for 500 Series)
- W- Walk-Along

## DETERMINING STACKING SPACE

Stacking space required for any curtain is determined by many variables. These include fabric type, added fullness, and linings, if any. The carrier length will most often be the governing factor on light to medium weight curtains. Heavyweight and lined curtains require additional stacking space to accommodate the density of the fabric(s). A stacking space estimator is available on our website, [www.hhspecialties.com](http://www.hhspecialties.com), under the resources tab.

To determine minimum stacking space required for the hardware:

1. Length of master carrier  
(from dimensioned drawings in each track section)
2. Length of end pulley  
(from dimensioned drawings in each track section)
3. Total carrier length.  
(qty. of carriers x carrier length from chart on page 2)
4. Total of Item Nos. 1-3 and add 10%.

### EXAMPLE

Model 401S COMPLETE x 40 feet, bi-parting traveler. Estimate stacking space required for each half of track.

1. Length of Master Carrier: 4-3/8"
2. Length of End Pulley: 4-1/4"
3. Length of Each Carrier: 1-5/8"  
20 carriers X 1-5/8" = 32-1/2"
4. Total: 4-3/8" + 4-1/4" + 32-1/2" = 41-1/8". Add 10% = 45-1/4" total stacking space per each half.

The 10% additional value calculated into the stacking space is considered an industry average. The value computed is the stacking space required for the track hardware. Heavy curtains and curtains with linings may require additional stacking space for the curtains themselves. Allowances should be made for those conditions. Consult your curtain supplier for additional information.

Note: The addition of rear fold guides (Series 100, 200, and 400) requires an extra 1/4" stacking space per carrier.



Curtain Weight Per Carrier (pounds)	RECOMMENDED TRACK HANGER SPACING (in Feet)										
	110A	110S	210B	310	410A	410S	510	610	710	810	1010
2	6	8	7.5	4.5	8	10	6	5	2.5	4	6
3	6	8	7.5	4	8	10	6	5	2	4	6
4	5.5	6.5	6.5	3.8	8	10	6	4.5	2	4	6
5	5	5.5	6.5	3.5	8	10	6	4.3	-	4	6
6	-	-	6.5	3.3	8	10	6	4.25	-	4	6
7	-	-	6	3.3	7	8	6	4	-	4	6
10	-	-	4	-	7	8	5.75	-	-	4	6
15	-	-	-	-	5.5	5.5	5	-	-	4	6
20	-	-	-	-	4	4	3.8	-	-	4	6
25	-	-	-	-	3.25	3.5	3.1	-	-	4	6

### NOTES TO THE VALUES LISTED ON THIS CHART

- Note:** Recommended spacing of hangers is based upon the worst-case condition; curtains in the open or storage position based upon the various curtain weight per track listed. In this condition, the load subjected on the track and its associated hanging hardware is substantial. It is the customer's responsibility to determine the weight of the curtain to be supported by our track and determine the proper support spacing required. For curved tracks, additional hangers are required to stabilize the tracks. Consult the factory for curved applications.
- Curtain weight per carrier is based upon typical carrier spacing of 12" on center across the top of the curtain.
- The analysis of the curtain track and components presented in this chart is based upon generally accepted principles of structural engineering and the following specific analysis design guides:  
 Aluminum Association, Aluminum Design Manual, 2005.  
 American Iron & Steel Institute, North American Specification for the Design of Cold-Formed Steel Structural Members, 2007 Edition.  
 All calculations are based upon a continuously supported span. Deflection criteria is based upon span/240.
- The values listed are based upon applications involving curtains only. Scenery carriers are available for several of our tracks. Consult the factory for your specific application when using scenery carriers. Scenery carriers may be found on page 54. **WARNING:** Do not use curtain track master carriers for supporting scenery.
- Recommended hanger spacing for 300 and 600 Series Tracks is based upon use of 306 or 606 Clamp Hanger. Consult factory when using ceiling hangers.
- Direct ceiling attachment of tracks (100, 200 and 400 Series) has not been evaluated as the support structure, method of attachment, and attachment requirements may vary widely from project to project. A qualified person should be consulted for this application.
- All recommendations stated are presented in good faith and based upon generally accepted engineering principles. The user, however, is cautioned that H & H Specialties Inc. cannot guarantee the accuracy of the data presented in this table for every situation. It is the customer's responsibility to determine the suitability of H & H Specialties' products for any given application, taking into account the specific requirements, the environment of use, and any possible peculiarities of the application.



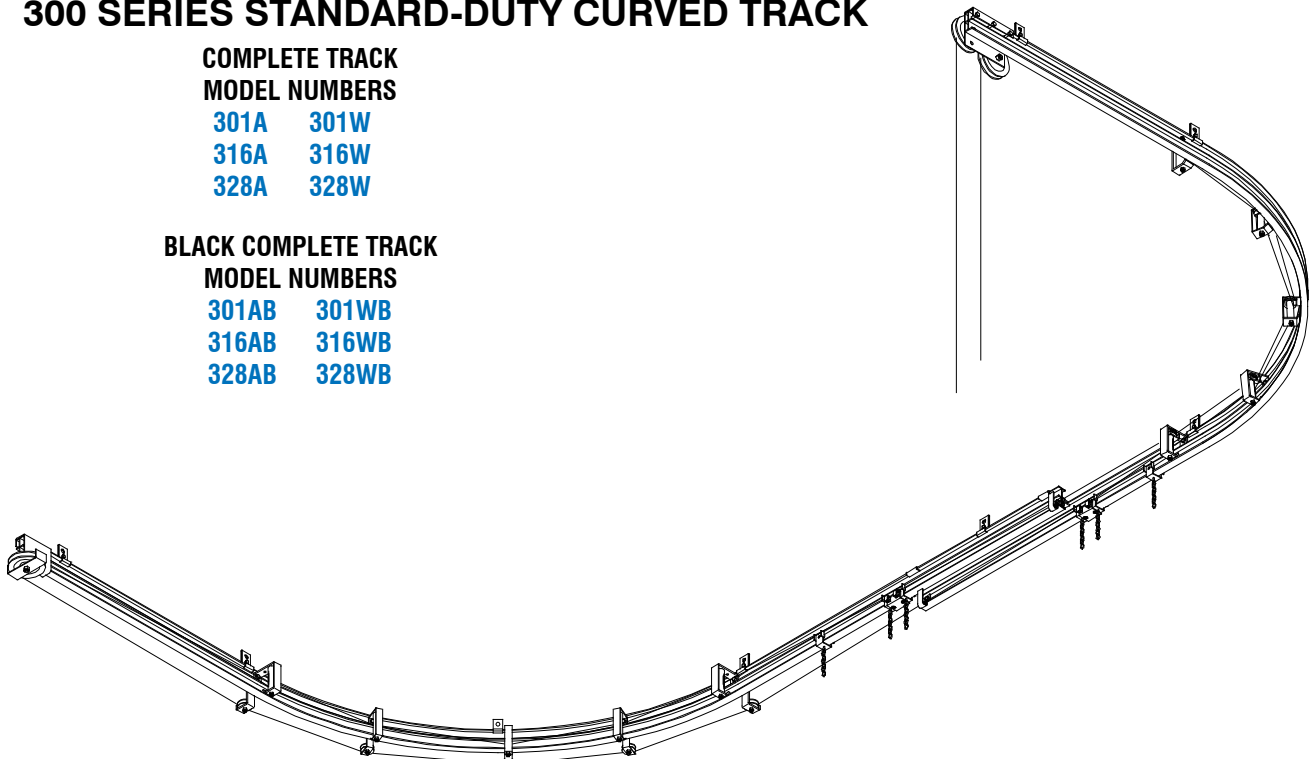
# 300 SERIES STANDARD-DUTY CURVED TRACK

## COMPLETE TRACK MODEL NUMBERS

301A	301W
316A	316W
328A	328W

## BLACK COMPLETE TRACK MODEL NUMBERS

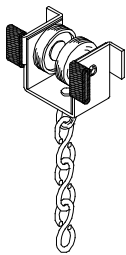
301AB	301WB
316AB	316WB
328AB	328WB



The 300 Series is a versatile track that can be used for straight or curved applications in TV studios, theatres, and many other types of facilities. It can be curved at the factory or on-the-job to suit project requirements. Walk-along tracks can be curved to virtually any shape and length. However, cord operated tracks cannot be rigged with reverse curves and are recommended for lengths up to 60'. Serpentine layouts and long lengths require the use of 500 Series track for cord operation (see page 34).

The ease of operation of a 300 Series track is dependant on several factors, including the radius of the curve. In general, the track operates best around gentle curves. Whenever possible, it is recommended that layouts be designed with a radius of 4 feet or larger. Tighter curves will result in a system that requires additional effort to operate.

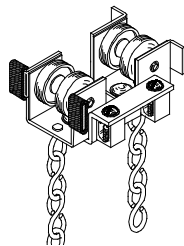
A variety of track switching devices are available for use with 300 Series Walk-Along tracks. These are illustrated on page 56.



### SINGLE CARRIER

2 Delrin wheels riveted to formed steel body with swivel hook and trim chain. Nylatron glide strips reduce friction and noise. Supplied with 2 rubber bumpers.

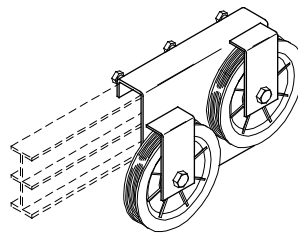
No. 301 - Zinc plated.  
No. 301B - Black finish.



### MASTER CARRIER

2 Delrin wheel assemblies with swivel hooks and trim chains pivot on formed steel body. 2 clamps for anchoring operating line or cable. Supplied with 2 rubber bumpers. 1 pair required for overlapping tracks.

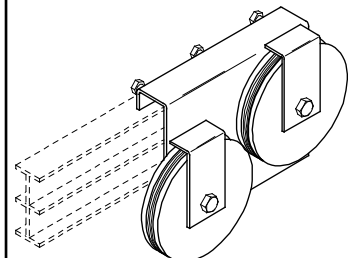
No. 302 - Zinc plated.  
No. 302B - Black finish.



### DOUBLE END PULLEY

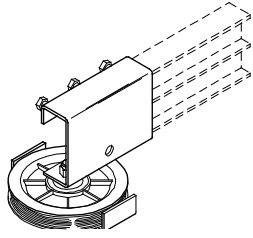
4" diameter Nylatron GS sheaves with shielded ball bearings. Steel housing clamps to track.

No. 303 - Zinc plated.  
No. 303B - Black finish.



### No. 303M BLACK DOUBLE END PULLEY

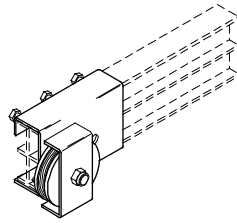
Heavy-duty 4" diameter Nylatron GSM sheaves with sealed precision ball bearings. Steel housing clamps to track. 3/16" groove for use with motorized tracks.



**SINGLE END PULLEY**

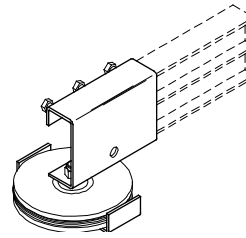
4" diameter Nylatron GS sheave with shielded ball bearings. Steel housing clamps to track. For use with bi-parting tracks.

**No. 304** - Zinc plated.  
**No. 304B** - Black finish.



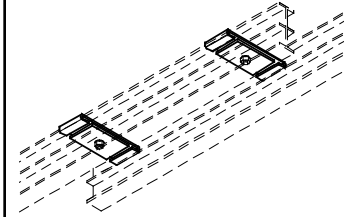
**304A BLACK SINGLE END PULLEY**

2-1/2" diameter steel sheave with sealed precision ball bearings. Steel housing clamps to track. For one-way draw operation.



**304M BLACK SINGLE END PULLEY**

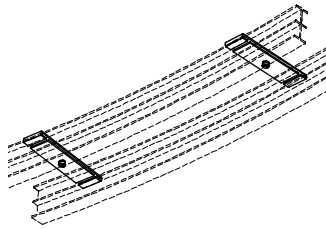
Heavy-duty 4" diameter Nylatron GSM sheave with sealed precision ball bearings. Steel housing clamps to track. 3/16" groove for use with bi-parting motorized tracks.



**OVERLAP CLAMP**

Formed steel clamps to align track at overlap. Tracks on 2 11/16" centers for straight overlap. 1 set pictured.

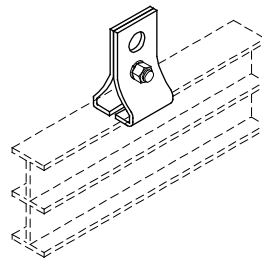
**No. 305** straight overlap- Zinc plated.  
**No. 305B** straight overlap- Black finish.



**OVERLAP CLAMP**

Formed steel clamps to align track at overlap. Tracks on 4 3/4" centers for curved overlap. 1 set pictured.

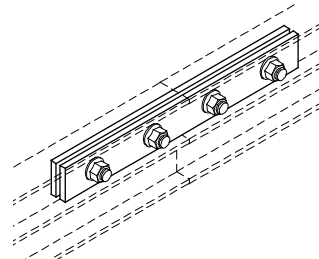
**No. 305A** curved overlap - Zinc plated.  
**No. 305AB** curved overlap - Black finish.



**CLAMP HANGER**

Formed steel brackets clamp to track. Adjusts to any position. Suspend track with welded chain or wire rope. 1 pair pictured.

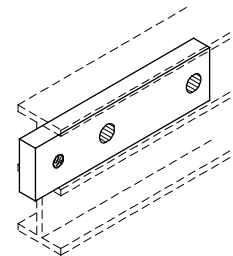
**No. 306** - Zinc plated.  
**No. 306B** - Black finish.



**SPLICE**

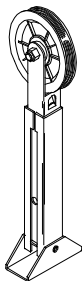
Aluminum plates align and lock track sections together. Track must be straight at joint. 1 pair pictured.

**No. 307** - Zinc plated.  
**No. 307B** - Black finish.



**No. 307FX SPLICE DRILL FIXTURE**

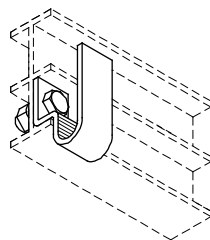
Hardened tool steel drill fixture for field drilling track for 307 splices.



**TENSION FLOOR BLOCK**

4" diameter Nylatron GS sheave with shielded ball bearings. Spring in steel housing maintains line tension.

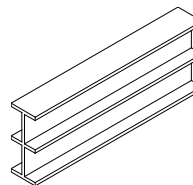
**No. 308** - Zinc plated  
**No. 308B** - Black finish.



**END STOP & CORD SUPPORT**

Formed steel bracket bolts to track to support operating line and prevent carriers from traveling beyond desired location. 1 pair required for overlapping tracks.

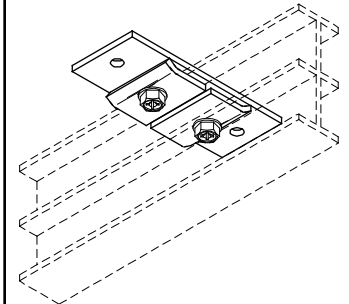
**No. 309** - Zinc plated.  
**No. 309B** - Black finish.



**TRACK**

6063-T5 extruded aluminum 1" wide x 2-1/2" high, .125" thick.

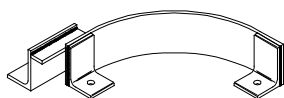
**No. 310** - Mill finish. 10', 20' and 24' stock lengths.  
**No. 310B** - Class 1 black anodized. 20' stock length.



**CEILING HANGER**

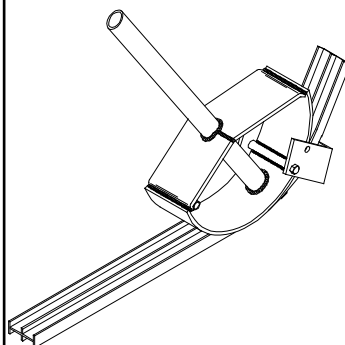
Steel plate mounts flush to ceiling. Track clamps to bracket with offset clips.

**No. 311** - Zinc plated.  
**No. 311B** - Black finish.



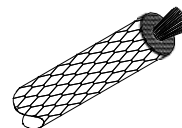
**No. 312 BENDING TOOL**

Steel form designed for manual bending of aluminum tracks. Must be anchored to floor or stationary table.



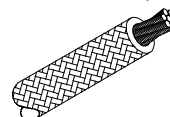
**No. 313 BENDING TOOL**

Heavy steel form designed for manual, on-the-job bending of aluminum tracks.



**No. 314 OPERATING LINE**

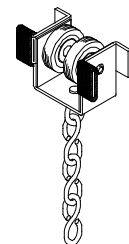
1/4" diameter black polyester braided over Dyneema core for manual operation.



**OPERATING CABLE**

Black polyester jacket braided over 3/32" specialty cord wire rope. For use with motorized tracks.

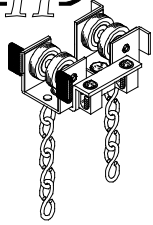
**No. 315** - 3/16" diameter  
**No. 325** - 1/4" diameter



**SINGLE CARRIER**

Nylon-tired shielded ball bearing wheels riveted to steel body with swivel hook and trim chain. Nylatron glide strips reduce friction and noise. Supplied with 2 rubber bumpers.

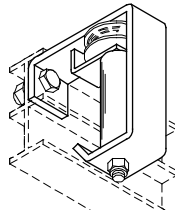
**No. 316** - Zinc plated.  
**No. 316B** - Black finish.



### MASTER CARRIER

2 Nylon-tired shielded ball bearing wheel assemblies with swivel hooks and trim chains pivot on formed steel body. 2 clamps for anchoring operating line or cable. Supplied with 2 rubber bumpers. 1 pair required for overlapping tracks.

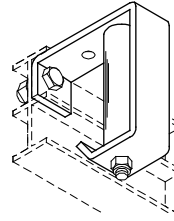
**No. 317** - Zinc plated.  
**No. 317B** - Black finish.



### DOUBLE SPINDLE

Formed steel housing contains two ball bearing guides for operating line to follow curve. Mount to inside of curve on double end pulley section of track for bi-parting tracks.

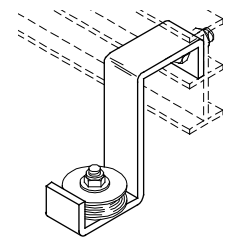
**No. 318** - Zinc plated.  
**No. 318B** - Black finish.



### SINGLE SPINDLE

Formed steel housing contains one ball bearing guide for operating line to follow track curve. Mount to inside of curve on single end pulley section of track for bi-parting tracks.

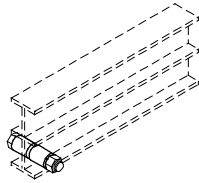
**No. 319** - Zinc plated.  
**No. 319B** - Black finish.



### OUTSIDE IDLER

Formed steel housing contains one ball bearing guide for operating line to follow track curve. Mount to outside of curve on single end pulley section of track for bi-parting tracks.

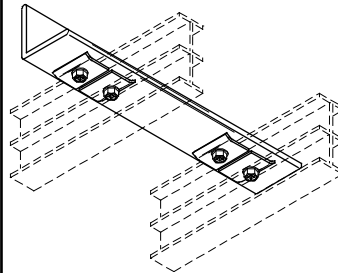
**No. 320** - Zinc plated.  
**No. 320B** - Black finish.



### END STOP

Bolt with steel spacers to prevent carriers from traveling beyond desired location. For use with walk-along tracks.

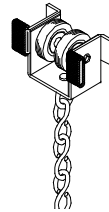
**No. 321** - Zinc plated.  
**No. 321B** - Black finish.



### BLACK DOUBLE TRACK HANGER

Angle bracket with mounting clips to secure double tracks together in studios and small theatres.

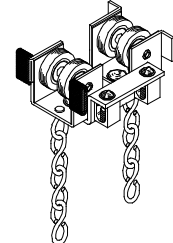
**No. 326**, 6" track spacing.  
**No. 327**, 8" track spacing.



### SINGLE CARRIER

Neoprene-tired shielded ball bearing wheels riveted to formed steel body with swivel hook and trim chain. Nylatron glide strips reduce friction and noise. Supplied with 2 rubber bumpers.

**No. 328** - Zinc plated.  
**No. 328B** - Black finish.



### MASTER CARRIER

2 Neoprene-tired shielded ball bearing wheel assemblies with swivel hook and trim chain pivot on formed steel body. Supplied with 2 clamps for anchoring operating line or cable. Supplied with 2 rubber bumpers. 1 pair required for overlapping tracks.

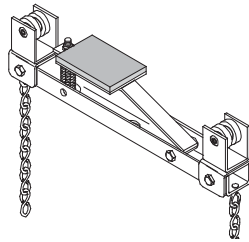
**No. 329** - Zinc plated.  
**No. 329B** - Black finish.



### TRIM CHAIN

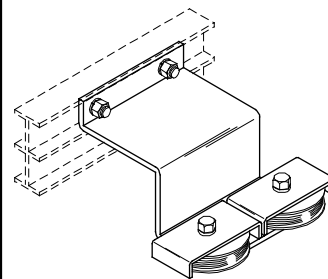
3 or 6 links No.10 single jack chain added to carriers to provide 3" or 6" of curtain height adjustment.

**No. 335** - 3" Zinc plated.  
**No. 335B** - 3" Black finish.  
**No. 335-6** - 6" Zinc plated.  
**No. 335B-6** - 6" Black finish.



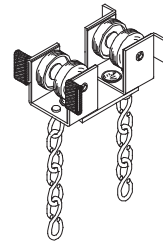
### No. 337 BLACK LOCKING MASTER CARRIER

Heavy steel construction with nylon-tired shielded ball bearing wheels and brake to keep master carrier in desired location. Equipped with swivels and trim chains for curtain attachment. Note: All carriers used with this device must have a trim chain of 6" total length.



### No. 341 CENTER TAKE-OFF

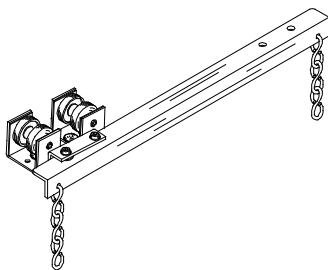
Special steel housing contains 2-1/2" diameter Nylatron GS sheaves with shielded ball bearings. Used when operating lines must be turned horizontally toward curtain machine or mule block.



### WALK-ALONG MASTER CARRIER

2 Delrin wheel assemblies with swivel hook and trim chain pivot on steel connecting plate. Supplied with 2 rubber bumpers. 1 pair recommended for each walk-along curtain.

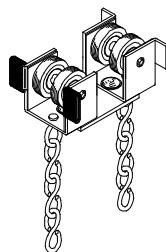
**No. 342** - Zinc plated.  
**No. 342B** - Black finish.



### WALK-ALONG OVERLAP MASTER CARRIER

Overlap arm mounted to modified 302 master to provide curtain overlap on single track operation. 1 pair recommended for each walk-along curtain.

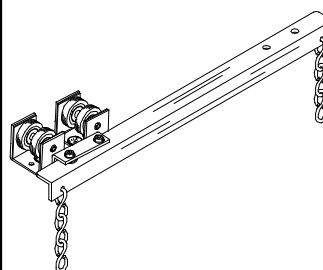
**No. 342A** - Zinc plated.  
**No. 342AB** - Black finish.



### WALK-ALONG MASTER CARRIER

2 Nylon-tired shielded ball bearing wheel assemblies with swivel hook and trim chain pivot on steel connecting plate. Supplied with 2 rubber bumpers. 1 pair recommended for each walk-along curtain.

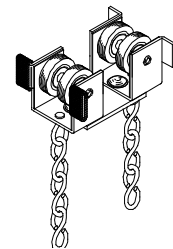
**No. 347** - Zinc plated.  
**No. 347B** - Black finish.



### WALK-ALONG OVERLAP MASTER CARRIER

Overlap arm mounted to modified 317 master to provide curtain overlap on single track operation. 1 pair recommended for each walk-along curtain.


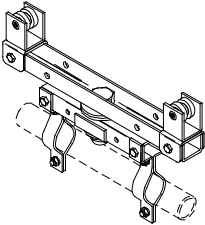
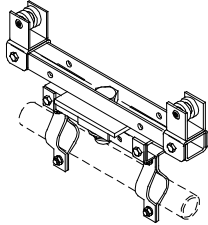
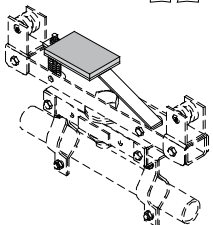
**No. 347A** - Zinc plated.  
**No. 347AB** - Black finish.



### WALK-ALONG MASTER CARRIER

2 Neoprene-tired shielded ball bearing wheel assemblies with swivel hook and trim chain pivot on steel connecting plate. Supplied with 2 rubber bumpers. 1 pair recommended for each walk-along curtain.

**No. 349** - Zinc plated.  
**No. 349B** - Black finish.

 <p><b>90 DEGREE TRACK CURVE</b> Factory bent with ends punched for splices. Each end has 12" straight section before curve begins for splicing.</p> <p><b>No. 351</b> - 3'-4" radius <b>No. 352</b> - 4'-0" radius <b>No. 353</b> - 4'-8" radius <b>No. 354</b> - 5'-4" radius <b>No. 355</b> - 6'-0" radius <b>No. 356</b> - 6'-8" radius</p> <p><b>No. 351B</b> - 3'-4" radius, Class 1 black anodized. <b>No. 352B</b> - 4'-0" radius, Class 1 black anodized.</p>	 <p><b>PIVOT DEVICE</b> Heavy steel construction with nylon-tired shielded ball bearing wheels. Supplied with brackets for 1-3/8" O.D. pipe or tubing (6' max. recommended length). Allows masking draperies to be rotated to any angle. Working Load Limit: 60 pounds. <b>No. 30</b> - Zinc plated. <b>No. 30B</b> - Black finish</p>	 <p><b>INDEXING PIVOT DEVICE</b> Pivot device with special plate to index rotation at 22-1/2 degree increments. Supplied with brackets for 1-3/8" O.D. pipe or tubing (6' max. recommended length). Working Load Limit: 60 pounds. <b>No. 30X</b> - Zinc plated. <b>No. 30XB</b> - Black finish.</p>	 <p><b>BRAKE KIT</b> Spring equipped arm with neoprene pad. Add to pivot device to prevent undesired movement along track. <b>No. 30BK</b> - Zinc plated. <b>No. 30BKB</b> - Black finish.</p>
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**GENERAL SPECIFICATIONS: STANDARD-DUTY WALK-ALONG TRACK**

Provide **Model 301W** as manufactured by H & H Specialties Inc., South El Monte, CA.

Track shall be 2-1/2" I-beam, with 1" top, intermediate, and bottom flanges, extruded from mill finish 6063-T5 aluminum. Provide unspliced in lengths up to 24'.

Suspend track with two-piece clamp hanger formed from 11 gauge steel. Install end stops at each track end. Where lengths exceed 24', connect tracks with 8" long, two-piece splicing clamp.

Provide single carriers, spaced on 12" centers, constructed of two Delrin wheels riveted to formed steel carrier body with swivel hook and 3" trim chain for attachment of curtain. Attach Nylatron wear strips at contact points between carriers and track to minimize friction and noise. Install two neoprene bumpers between carriers to further reduce noise.

Master carriers shall be two connected Delrin wheel assemblies pivoting on a steel body with swivel hooks and 3" trim chains.

All steel components shall be zinc plated to resist corrosion.

**GENERAL SPECIFICATIONS: STANDARD-DUTY CURVED TRACK**

Provide **Model 301A** as manufactured by H & H Specialties Inc., South El Monte, CA.

Track shall be 2-1/2" I-beam, with 1" top, intermediate, and bottom flanges, extruded from mill finish 6063-T5 aluminum. Provide unspliced in lengths up to 24'.

Suspend track with two-piece clamp hanger formed from 11 gauge steel. Provide 2' overlap at center, rigidly separated by two overlap clamps. Install end stop with cord support at each track end. Where lengths exceed 24', connect tracks with 8" long, two-piece splicing clamp.

Provide single carriers, spaced on 12" centers, constructed of two Delrin wheels riveted to formed steel carrier body with swivel hook and 3" trim chain for attachment of curtain. Attach Nylatron wear strips at contact points between carriers and track to minimize friction and noise. Install two neoprene bumpers between carriers to further reduce noise.

Master carriers shall be two connected Delrin wheel assemblies with swivel hooks and 3" trim chains. Wheel assemblies pivot on a steel body with two cord clamps for anchoring operating line.

Single and double end pulleys shall clamp securely to the track and shall contain 4" diameter sheaves enclosed in steel housings to prevent operating line from escaping the grooves. Sheaves shall be Nylatron GS molded around shielded and greased ball bearings.

Provide spring tension floor block in 3-piece, 14 gauge steel housing containing 4" Nylatron GS shielded ball bearing sheave.

Black operating line shall be 1/4" diameter, stretch-resistant rope with spun polyester outer jacket braided over Dyneema core. Install ball bearing idlers and spindles where necessary to guide operating line around inside and outside of track curves.

All steel components shall be zinc plated to resist corrosion.



## **GENERAL SPECIFICATIONS: (Continued)**

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Provide **Model 316A** as manufactured by H & H Specialties Inc., South El Monte, CA.

Track shall be 2-1/2" I-beam, with 1" top, intermediate, and bottom flanges, extruded from mill finish 6063-T5 aluminum. Provide unspliced in lengths up to 24'.

Suspend track with two-piece clamp hanger formed from 11 gauge steel. Provide 2' overlap at center, rigidly separated by two overlap clamps. Install end stop with cord support at each track end. Where lengths exceed 24', connect tracks with 8" long, two-piece splicing clamp.

Provide single carriers, spaced on 12" centers, constructed of two nylon-tired shielded ball bearing wheels riveted to formed steel carrier body with swivel hook and 3" trim chain for attachment of curtain. Attach Nylatron wear strips at contact points between carriers and track to minimize friction and noise. Install two neoprene bumpers between carriers to further reduce noise.

Master carriers shall be two connected nylon-tired ball bearing wheel assemblies with swivel hooks and 3" trim chains. Wheel assemblies pivot on a steel body with two cord clamps for anchoring operating line.

Single and double end pulleys shall clamp securely to the track and shall contain 4" diameter sheaves enclosed in steel housings to prevent operating line from escaping the grooves. Sheaves shall be Nylatron GS molded around shielded and greased ball bearings.

Provide spring tension floor block in 3-piece, 14 gauge steel housing containing 4" Nylatron GS shielded ball bearing sheave.

Black operating line shall be 1/4" diameter, stretch-resistant rope with spun polyester outer jacket braided over Dyneema core. Install ball bearing idlers and spindles where necessary to guide operating line around inside and outside of track curves.

All steel components shall be zinc plated to resist corrosion.

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Provide **Model 328A** as manufactured by H & H Specialties Inc., South El Monte, CA.

Track shall be 2-1/2" I-beam, with 1" top, intermediate, and bottom flanges, extruded from mill finish 6063-T5 aluminum. Provide unspliced in lengths up to 24'.

Suspend track with two-piece clamp hanger formed from 11 gauge steel. Provide 2' overlap at center, rigidly separated by two overlap clamps. Install end stop with cord support at each track end. Where lengths exceed 24', connect tracks with 8" long, two-piece splicing clamp.

Provide single carriers, spaced on 12" centers, constructed of two Neoprene-tired wheels riveted to formed steel carrier body with swivel hook and 3" trim chain for attachment of curtain. Attach Nylatron wear strips at contact points between carriers and track to minimize friction and noise. Install two neoprene bumpers between carriers to further reduce noise.

Master carriers shall be two connected Neoprene-tired wheel assemblies with swivels and 3" trim chains. Wheel assemblies pivot on a steel body with two cord clamps for anchoring operating line.

Single and double end pulleys shall clamp securely to the track and shall contain 4" diameter sheaves enclosed in steel housings to prevent operating line from escaping the grooves. Sheaves shall be Nylatron GS molded around shielded and greased ball bearings.

Provide spring tension floor block in 3-piece, 14 gauge steel housing containing 4" Nylatron GS shielded ball bearing sheave.

Black operating line shall be 1/4" diameter, stretch-resistant rope with spun polyester outer jacket braided over Dyneema core. Install ball bearing idlers and spindles where necessary to guide operating line around inside and outside of track curves.

All steel components shall be zinc plated to resist corrosion.





### 300 SERIES COMPLETE TRACK COMPONENT GUIDE

PART No.	DESCRIPTION	301A	301W	316A	316W	328A	328W
301	Single Carrier	•	•				
302	Master Carrier	•					
303	Double End Pulley	•		•		•	
304	Single End Pulley	•		•		•	
305	Overlap Clamp	•		•		•	
306	Clamp Hanger	•	•	•	•	•	•
307**	Splice	•	•	•	•	•	•
308	Tension Floor Block	•		•		•	
309	End Stop & Cord Support	•		•		•	
310**	Track	•	•	•	•	•	•
311	Ceiling Hanger	*	*	*	*	*	*
314	1/4" Operating Line	•		•		•	
316	Nylon B.B. Single Carrier			•	•		
317	Nylon B.B. Master Carrier			•			
318	Double Spindle	***		***		***	
319	Single Spindle	***		***		***	
320	Outside idler	***		***		***	
321	End Stop		•		•		•
328	Neoprene B.B. Single Carrier					•	•
329	Neoprene B.B. Master Carrier					•	
342	Master Carrier		•				
347	Nylon B.B. Master Carrier				•		
349	Neoprene B.B. Master Carrier						•

\* For ceiling mounted applications, No. 311 provided in lieu of No. 306 Clamp Hanger. When ordering, please specify whether track is ceiling mounted or suspended..

\*\* Track lengths and splices supplied as required from stock sizes.

\*\*\* No. 318, 319, and 320 must be ordered as additional accessories. Quantity is determined by length of track and configuration of curve.

### 300 SERIES BLACK COMPLETE TRACK COMPONENT GUIDE

PART No.	DESCRIPTION	301AB	301WB	316AB	316WB	328AB	328WB
301B	Black Single Carrier	•	•				
302B	Black Master Carrier	•					
303B	Black Double End Pulley	•		•		•	
304B	Black Single End Pulley	•		•		•	
305B	Black Overlap Clamp	•		•		•	
306B	Black Clamp Hanger	•	•	•	•	•	•
307B**	Black Splice	•	•	•	•	•	•
308B	Black Tension Floor Block	•		•		•	
309B	Black End Stop & Cord Support	•		•		•	
310-20B**	Black Track	•	•	•	•	•	•
311B	Black Ceiling Hanger	*	*	*	*	*	*
314	1/4" Operating Line	•		•		•	
316B	Black Nylon B.B. Single Carrier			•	•		
317B	Black Nylon B.B. Master Carrier			•			
318B	Black Double Spindle	***		***		***	
319B	Black Single Spindle	***		***		***	
320B	Black Outside idler	***		***		***	
321B	Black End Stop		•		•		•
328B	Black Neoprene B.B. Single Carrier					•	•
329B	Black Neoprene B.B. Master Carrier					•	
342B	Black Master Carrier		•				
347B	Black Nylon B.B. Master Carrier				•		
349B	Black Neoprene B.B. Master Carrier						•

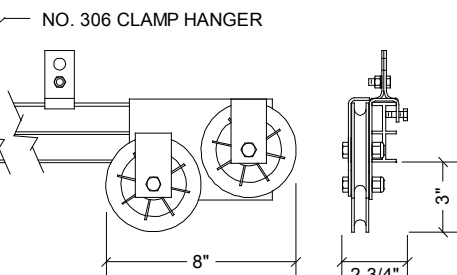
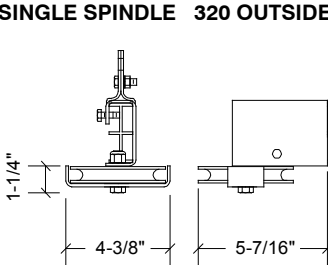
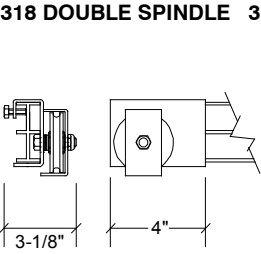
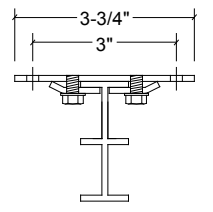
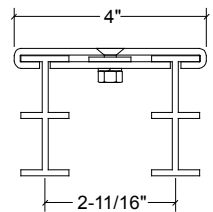
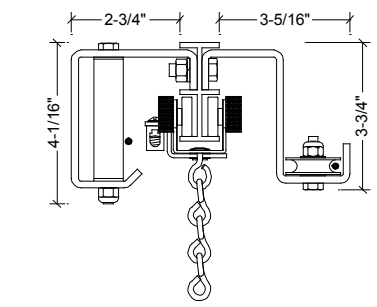
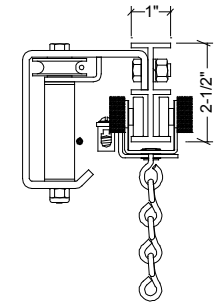
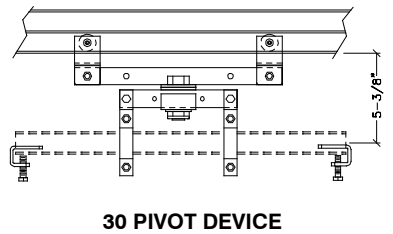
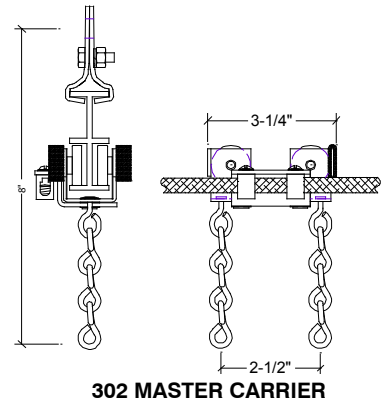
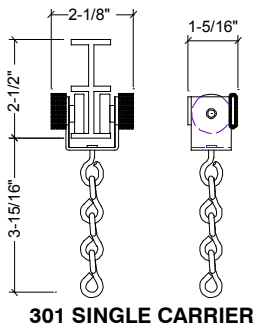
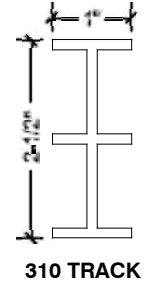
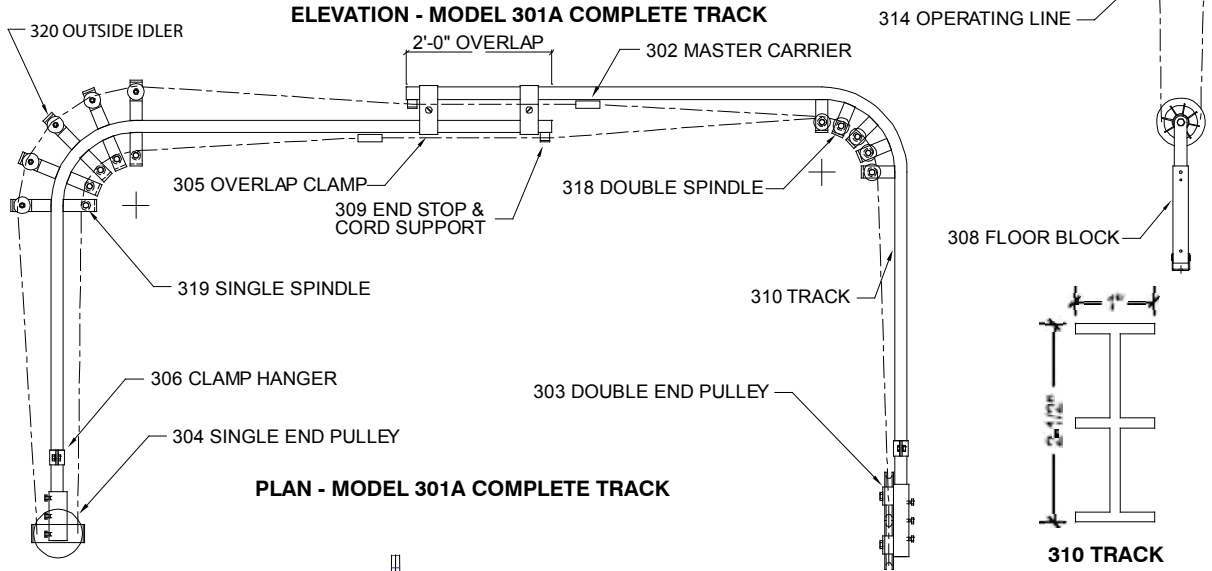
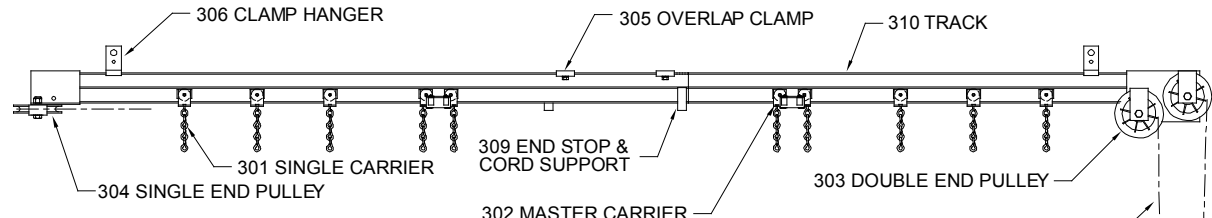
\* For ceiling mounted applications, No. 311B provided in lieu of No. 306B Black Clamp Hanger. When ordering, please specify whether track is ceiling mounted or suspended..

\*\* Track lengths and splices supplied as required from stock sizes.

\*\*\* No. 318B, 319B, and 320B must be ordered as additional accessories. Quantity is determined by length of track and configuration of curve.



# 300 SERIES TRACK



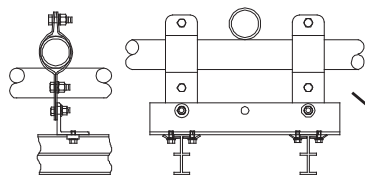
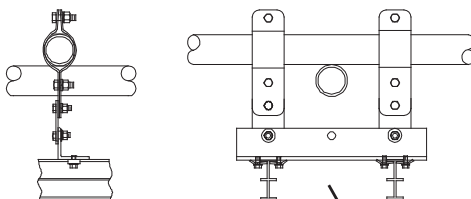
304A SINGLE END PULLEY

304 SINGLE END PULLEY

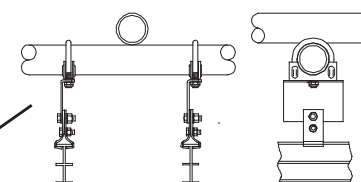
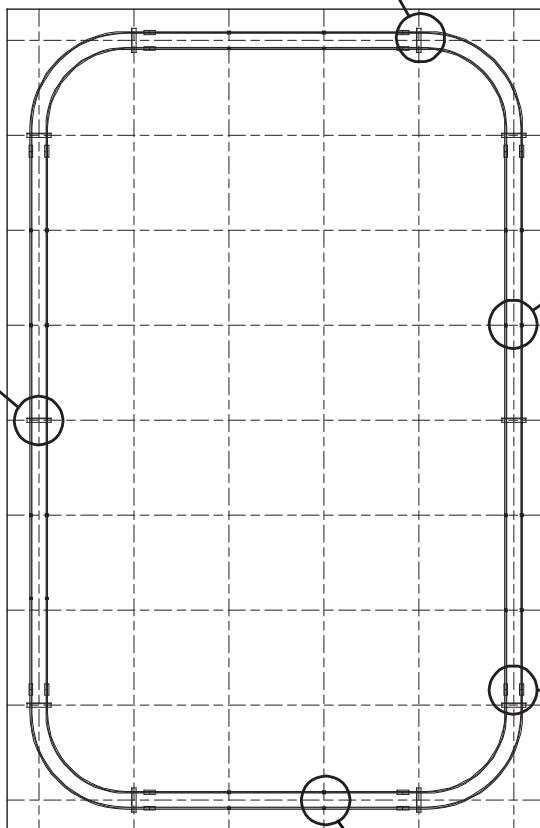
303 DOUBLE END PULLEY

## 300 SERIES PIPE GRID MOUNTED WALK-ALONG TRACK

435 PIPE CLAMP,  
435X EXTENSION STRAP,  
327 DOUBLE TRACK HANGER

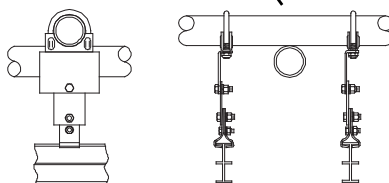
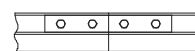


435 PIPE CLAMP,  
327 DOUBLE TRACK HANGER



435R RIGHT ANGLE PIPE CLAMP,  
306 TRACK HANGER

307 SPLICE



435R RIGHT ANGLE PIPE CLAMP,  
435X EXTENSION STRAP,  
306 TRACK HANGER

NOTE: THIS DRAWING IS SCHEMATIC IN NATURE  
SHOWING TYPICAL USE OF ATTACHMENT  
HARDWARE TO MOUNT TO A PIPE GRID.  
ADDITIONAL SUPPORT MAY BE REQUIRED  
TO SUPPORT THE CURVES.

See pages 54-55 for pipe clamps in Miscellaneous Track Hardware