



Quick Adjustable Height Stands

Installation, Maintenance & Parts Manual



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Introduction

IMPORTANT

Some illustrations may show guards removed. DO NOT operate equipment without guards.

Upon receipt of shipment:

- Compare shipment with packing slip. Contact factory regarding discrepancies.

- Inspect packages for shipping damage. Contact carrier regarding damage.
- Accessories may be shipped loose. See accessory instructions for installation.

Dorner’s Limited Warranty applies.

Dorner reserves the right to make changes at any time without notice or obligation.

Warnings - General Safety

WARNING

The safety alert symbol, black triangle with white exclamation, is used to alert you to potential personal injury hazards.

DANGER



Climbing, sitting, walking or riding on conveyor will cause severe injury.
KEEP OFF CONVEYORS.

DANGER



DO NOT OPERATE CONVEYORS IN AN EXPLOSIVE ENVIRONMENT.

DANGER



Supports marked with this symbol must be anchored to the floor. Supports not anchored to floor will tip, causing severe injury or death.
SUPPORT MUST BE ANCHORED TO FLOOR.

WARNING



Exposed moving parts can cause severe injury.
LOCK OUT POWER before removing guards or performing maintenance.

WARNING



Loosening stand height or angle adjustment screws may cause conveyor sections to drop down, causing severe injury.
SUPPORT CONVEYOR SECTIONS PRIOR TO LOOSENING STAND HEIGHT OR ANGLE ADJUSTMENT SCREWS.

WARNING



Dorner cannot control the physical installation and application of conveyors. Taking protective measures is the responsibility of the user.

When conveyors are used in conjunction with other equipment or as part of a multiple conveyor system, **CHECK FOR POTENTIAL PINCH POINTS** and other mechanical hazards before system start-up.

Product Description

Refer to **Figure 1** for typical stand components.

1	Boot
2	Locking Knob
3	Support Stand
4	Angle Adjustment Point
5	Height Adjustment Handle
6	Foot Stand

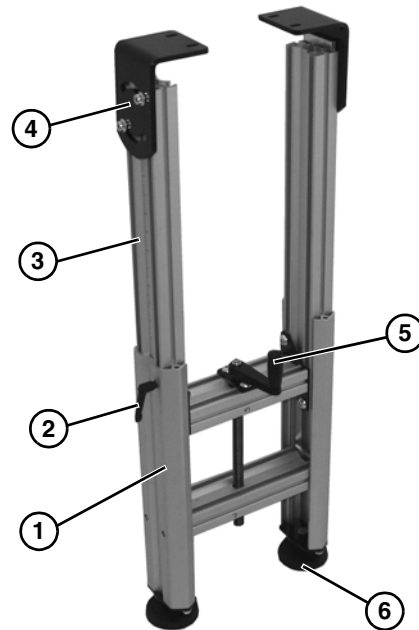


Figure 1

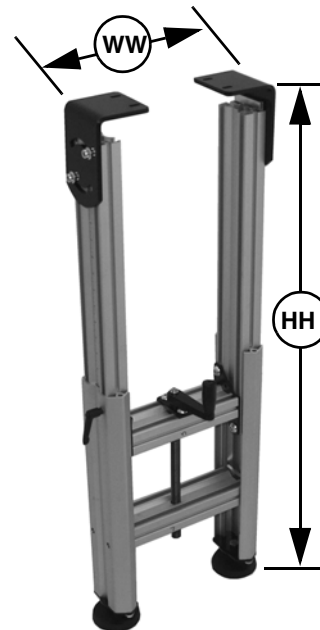
Specifications

Fixed and Adjustable Stand Models

39	M	QA	WW	HH	HH	F	
							Floor Interface
							F = Fixed Foot Pad
							C = Total Lock Swivel Caster
							Max Height
							From Floor to Top Bracket
							Min Height
							From Floor to Top Bracket
							Width
							02 to 48
							Stand Type
							Language Code
							M = U.S. English
							H Style Stand
							39 = 2200, 3200, 4100 & 6200 Series
							59 = 5200 Series

Example: 39MQA12-3248F

Quick adjustable stand for a 12" wide conveyor with a min height of 32" and a max height of 48" with fixed foot pads. It has U.S. English documentation.



⚠ DANGER



Supports marked with this symbol must be anchored to the floor. Supports not anchored to floor will tip, causing severe injury or death.

SUPPORT MUST BE ANCHORED TO FLOOR.

⚠ WARNING



Exposed moving parts can cause severe injury.

LOCK OUT POWER before removing guards or performing maintenance.

Recommended Installation Sequence (see Table of Contents for page numbers)

- Assemble stand(s), if required
- Attach stand(s) to conveyor (see Conveyor Installation, Maintenance & Parts Manual)
- Attach optional diagonal bracing (see Diagonal Brace Kit Manual)
- Adjust stand height and level (see Adjustment section, page 7)

Assembly

Required Tools

- 6 mm Hex Key Wrench

Typical Components (Figure 2):

- | | |
|---|--------------------|
| 1 | Stand Assembly |
| 2 | Boot Assembly (2x) |

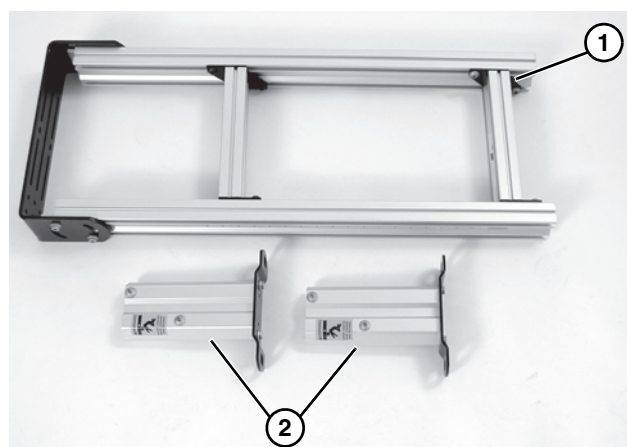


Figure 2

1. Loosen (2) hex nuts (**Figure 3, item 1**) located on boot assembly (**Figure 3, item 2**).

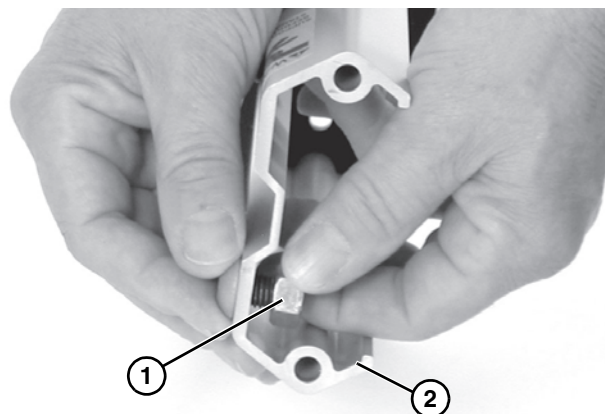


Figure 3

Installation

⚠ WARNING



Failure to secure screws (Figure 4, item 4) may cause conveyor sections to drop down causing severe injury.

TIGHTEN SCREWS (Figure 4, item 4) AFTER ADJUSTMENT.

2. Slide (2) hex nuts (Figure 4, item 1) along with boot assembly (Figure 4, item 2) into outer slots of stand assembly (Figure 4, item 3). Tighten button screw (Figure 4, item 4) to 150 in-lb (17 N-m).

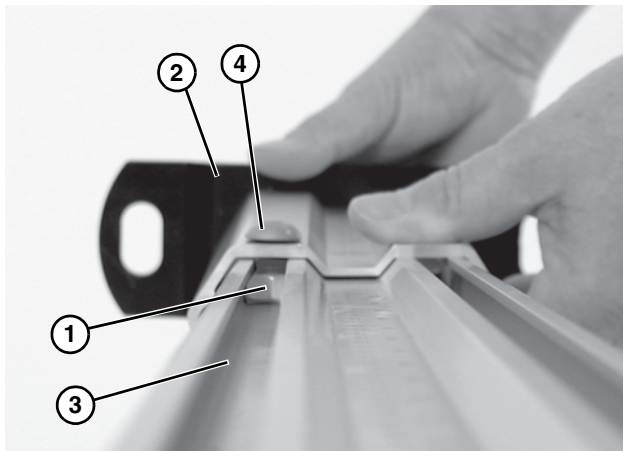


Figure 4

3. Repeat steps 1 and 2 for opposite stand leg.

Optional Caster Kit

Required Tools

- 17 mm Open End Wrench

Typical Components (Figure 5):

- | | |
|---|--------------------|
| 1 | Caster (2x) |
| 2 | Carriage Bolt (2x) |
| 3 | Nut (2x) |

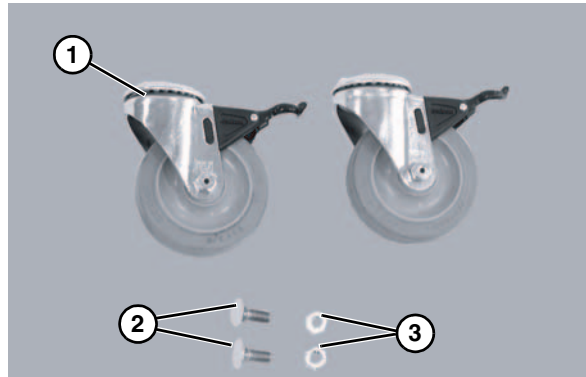


Figure 5

1. Install carriage bolt (Figure 6, item 1) into stand boot base plate (Figure 6, item 2).

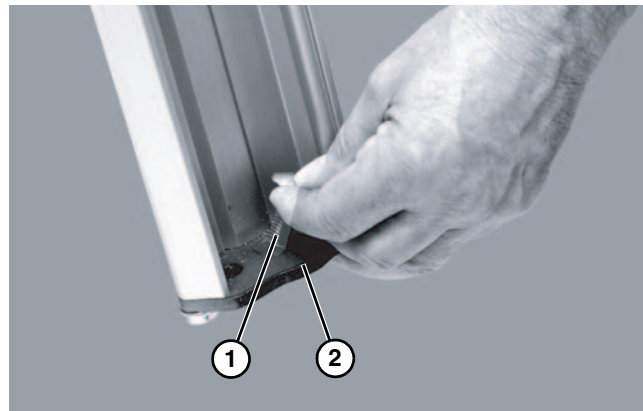


Figure 6

2. Install caster (Figure 7, item 1) over carriage bolt (Figure 6, item 1).
3. Place nut (Figure 7, item 2) on carriage bolt. Tighten nut to 177 in-lb (20 N-m).

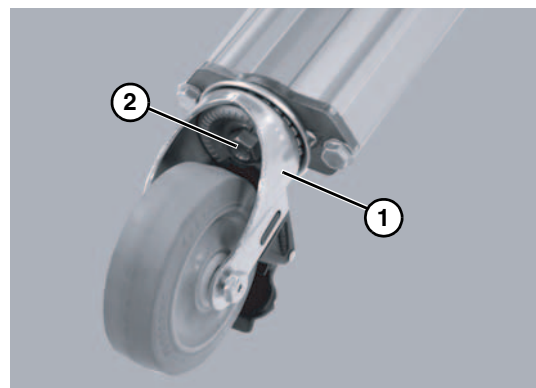


Figure 7

4. Repeat steps 1 through 3 for opposite leg.

Preventive Maintenance and Adjustment

Stand Height Adjustment

⚠ WARNING



Exposed moving parts can cause severe injury.
LOCK OUT POWER before removing guards or performing maintenance.

⚠ WARNING



Loosening stand height or angle adjustment screws may cause conveyor sections to drop down, causing severe injury.
SUPPORT CONVEYOR SECTIONS PRIOR TO LOOSENING STAND HEIGHT OR ANGLE ADJUSTMENT SCREWS.

1. Loosen two locking knobs (Figure 8, item 1).

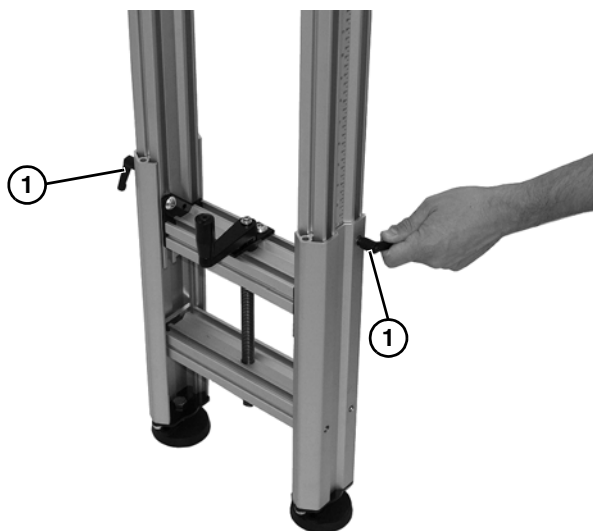


Figure 8

2. Raise or lower stand leg by turning adjustment knob (Figure 8, item 1) to the required height.

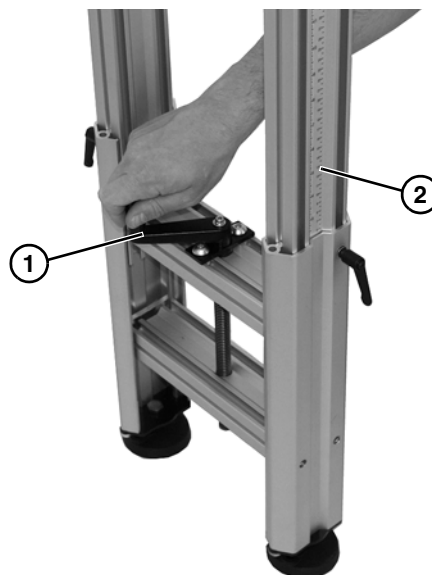


Figure 9

NOTE

Be certain to not turn adjustment knob (Figure 10, item 1) to far so that adjustment rod (Figure 10, item 2) hits bottom floor surface.

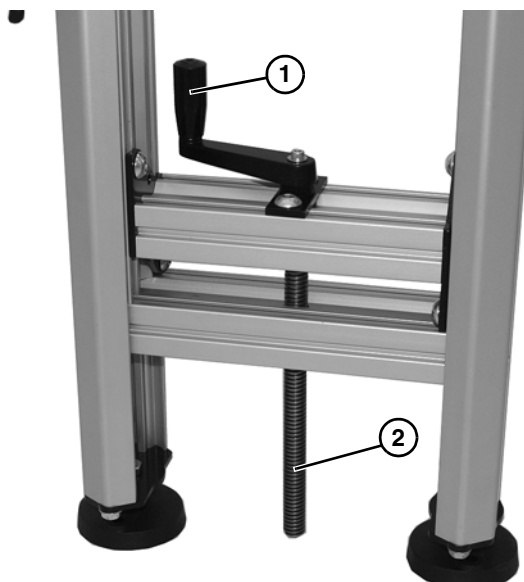


Figure 10

Preventive Maintenance and Adjustment

⚠ WARNING



Failure to secure locking knobs (Figure 8, item 1) may cause conveyor sections to drop down causing severe injury.

TIGHTEN KNOBS (Figure 8, item 1) AFTER ADJUSTMENT.

NOTE

Level stand from front to rear using a level when adjusting remaining stands on conveyor.

3. Tighten two locking knobs (Figure 8, item 1) to secure position.

Conveyor Angle Adjustment

Required Tools

- 6 mm Hex Key Wrench

⚠ WARNING



Loosening stand height or angle adjustment screws may cause conveyor sections to drop down, causing severe injury.

SUPPORT CONVEYOR SECTIONS PRIOR TO LOOSENING STAND HEIGHT OR ANGLE ADJUSTMENT SCREWS.

NOTE

To rotate stand top plate, screws (Figure 11, item 1) may need to be re-located to other t-slots (Figure 11, item 2).

1. Loosen flange socket screws (Figure 11, item 1) on both sides of stand.

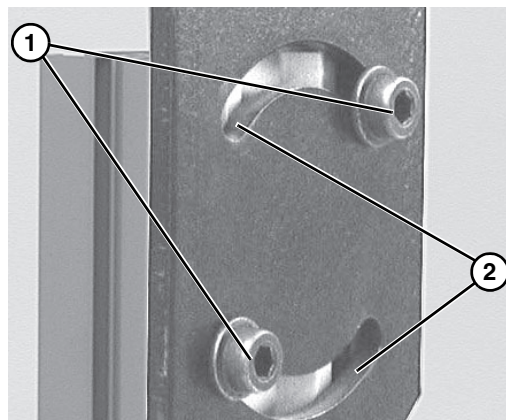


Figure 11

2. Adjust conveyor to desired angle.

⚠ WARNING



Failure to secure screws (Figure 11, item 1) may cause conveyor sections to drop down, causing severe injury.

TIGHTEN SCREWS (Figure 11, item 1) AFTER ADJUSTMENT.

3. Secure flange socket screws (Figure 11, item 1) to 24 ft-lb (18 Nm).
4. If conveyor is equipped with diagonal bracing (Figure 12, item 1), socket screw (Figure 12, item 2) must be loosened to adjust conveyor angle. Secure screw to 100 in-lb (11 N-m) after adjustment.

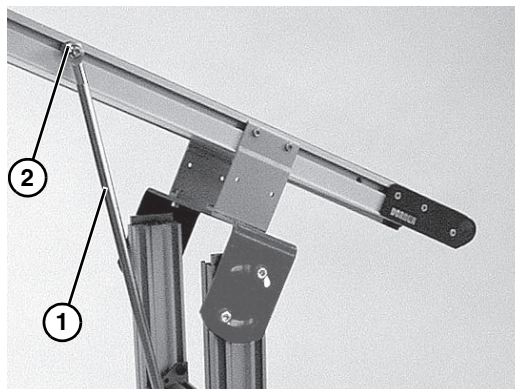



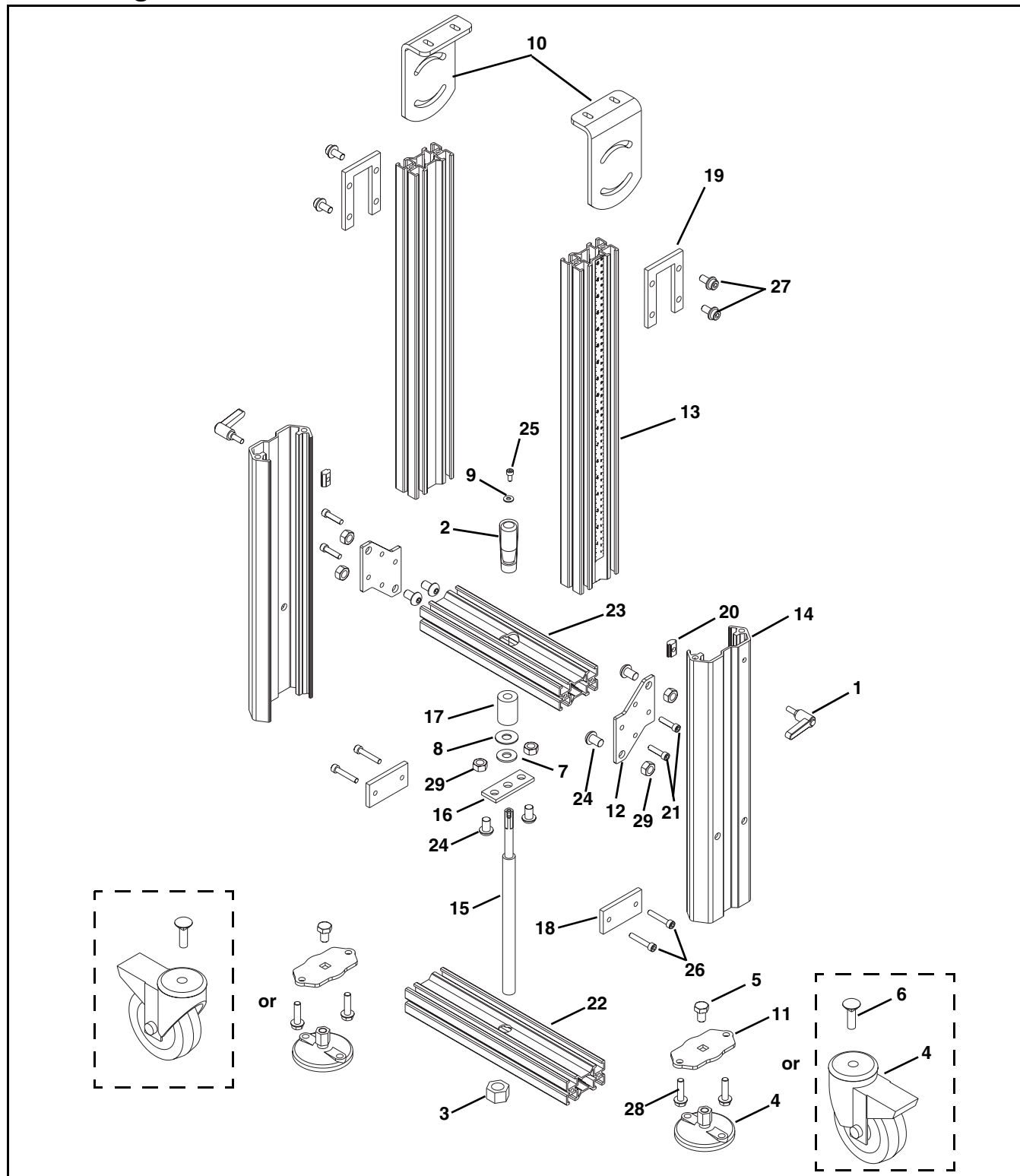
Figure 12

Service Parts

NOTE

For replacement parts other than those shown in this section, contact an authorized Dorner Service Center or the factory. Key Service Parts and Kits are identified by the Performance Parts Kits logo . Dorner recommends keeping these parts on hand.

Fixed Height Stand w/Feet or Casters



Item	Part Number	Description
1	807-1928	Handle, M6 x 25 mm
2	807-1929	Crank
3	807-1930	Nut, 5/8-8
4	807-1932	Foot Pad
	807-640	Caster
5	961016MSS	Hex Head Cap Screw, M10-1.50 x 16 mm (for foot pad only)
6	807-1286	Carriage Bolt (for caster only)
7	811-535	Washer 1.00 O.D. x 0.085
8	811-536	Washer 1.13 O.D. x 0.06
9	911-005	Flat Washer
10	352310	Mounting Bracket (for stands 14" wide and wider)
	202148	Mounting Bracket (for stands 12" wide)
	352318	Mounting Bracket (for 5200 & 5300 series only)
11	710005	Mounting Plate
12	700006	End Plate
13	710211-LLLLL	Stand Leg
14	712000	Stand Boot
15	712003	Threaded Rod
16	712004	Stop Plate
17	712005	Screw Sleeve
18	712008	Clamp Plate
19	200801M	Quad Nut, M8-1.25
20	639971M	Drop-In Tee Bar
21	708180P	Socket Head Screw, M6-1.00 x 25 mm
22	712001-LLLLL	Bottom Crossmember
23	712002-LLLLL	Top Crossmember
24	911016M	Button Head Screw, M10-1.50 x 16 mm
25	920510M	Socket Head Screw, M5-.80 x 10 mm
26	920635M	Socket Head Screw, M6-1.00 x 35 mm
27	920883M	Flange Socket Head Screw, M8-1.25 x 16 mm
28	991001M	Hex Nut, M10-1.50
LLLLL = Length in inches with 2 decimal places.		
Length Example: Length = 95.25" LLLLL = 09525		

Return Policy

Returns must have prior written factory authorization or they will not be accepted. Items that are returned to Dorner without authorization will not be credited nor returned to the original sender. When calling for authorization, please have the following information ready for the Dorner factory representative or your local distributor:

1. Name and address of customer.
2. Dorner part number(s) of item(s) being returned.
3. Reason for return.
4. Customer's original order number used when ordering the item(s).
5. Dorner or distributor invoice number (if available, part serial number).

A representative will discuss action to be taken on the returned items and provide a Returned Goods Authorization (RMA) number for reference. RMA will automatically close 30 days after being issued. To get credit, items must be new and undamaged. There will be a return charge on all items returned for credit, where Dorner was not at fault. It is the customer's responsibility to prevent damage during return shipping. Damaged or modified items will not be accepted. The customer is responsible for return freight.

Conveyors and conveyor accessories

Standard catalog conveyors	30%
MPB, 7200, 7300 Series, cleated and specialty belt	50%
AquaGard & AquaPruf Series conveyors	non-returnable items
Engineered to order products	case by case
Drives and accessories	30%
Sanitary stand supports	non-returnable items

Parts

Standard stock parts	30%
Plastic chain, cleated and specialty belts	non-returnable items

Returns will not be accepted after 60 days from original invoice date. The return charge covers inspection, cleaning, disassembly, disposal and reissuing of components to inventory. If a replacement is needed prior to evaluation of returned item, a purchase order must be issued. Credit (if any) is issued only after return and evaluation is complete.

Dorner has representatives throughout the world. Contact Dorner for the name of your local representative. Our Customer Service Team will gladly help with your questions on Dorner products.

For a copy of Dorner's Warranty, contact factory, distributor, service center or visit our website at www.dorner.com.

For replacement parts, contact an authorized Dorner Service Center or the factory.



Dorner Mfg. Corp. reserves the right to change or discontinue products without notice. All products and services are covered in accordance with our standard warranty. All rights reserved. © Dorner Mfg. Corp. 2010

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