



# MODEL T28172/T28369/T28370 ROLLER TABLES INSTRUCTIONS

FOR MODELS MFD. SINCE 10/17

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

## Introduction

These roller tables provide infeed/outfeed support for processing long workpieces on machines with a working height of 24"– 40". They can be used alone or connected together with optional connector plates (T28371) to establish custom-length roller supports for nearly any type of workflow.

Depending on the type of operation, the roller tables can be set up next to machine as a stand-alone unit, or they can be secured directly to the machine with an optional mounting plate (T28378).



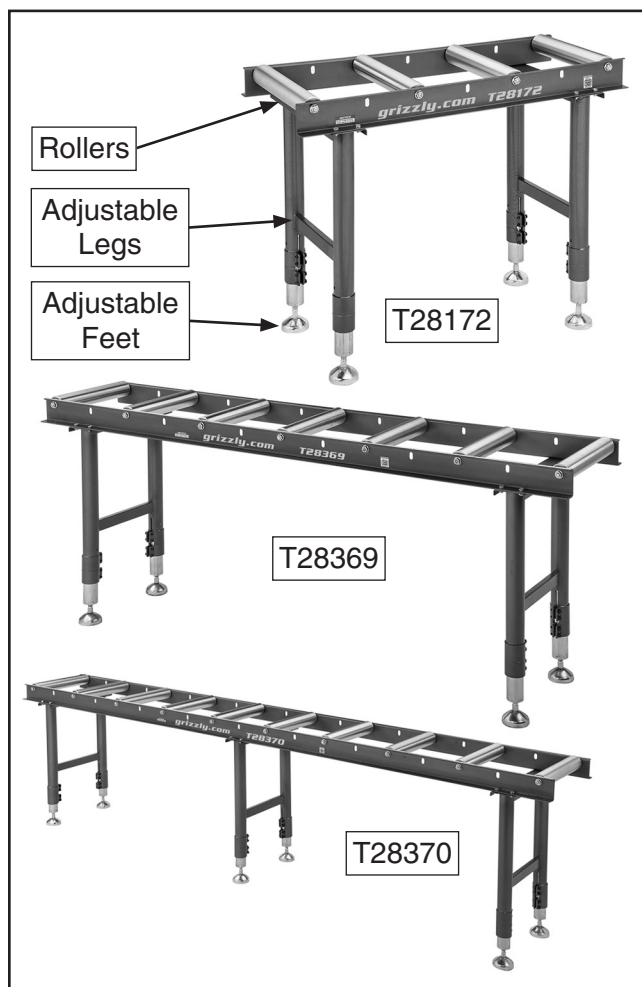
**Figure 1.** Optional T28371 Connector Plates.



**Figure 2.** Optional T28378 Mounting Plate installed on T28172.

## Specifications

| Model  | W" x L"   | Work Ht." | Max. Wt. Limit | Table Weight |
|--------|-----------|-----------|----------------|--------------|
| T28172 | 14½ x 39  | 24–40     | 1100 lbs.      | 66 lbs.      |
| T28369 | 14½ x 78  | 24–40     | 1540 lbs.      | 128 lbs.     |
| T28370 | 14½ x 118 | 24–40     | 1540 lbs.      | 154 lbs.     |



**Figure 3.** Models T28172, T28369, and T28370 and features.

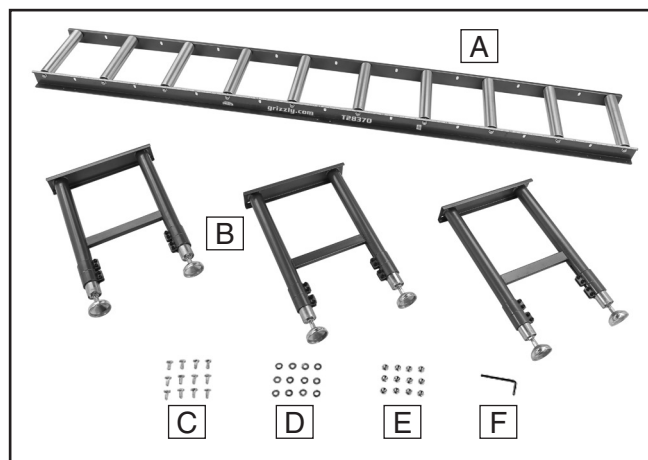
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## Inventory

| Description (Figure 4)                                 | Qty |
|--|-----|
| <b>A.</b> Roller Table Assembly                        |     |
| — Model T28172 39".....                                | 1   |
| — Model T28369 78".....                                | 1   |
| — Model T28370 118".....                               | 1   |
| <b>B.</b> Adjustable Leg Assemblies                    |     |
| — Model T28172, T28369.....                            | 2   |
| — Model T28370.....                                    | 3   |
| <b>C.</b> Hex Nuts M8-1.25 (T28172, T28369) .....      | 8   |
| Hex Nuts M8-1.25 (T28370) .....                        | 12  |
| <b>D.</b> Flat Washers 8mm (T28172, T28369).....       | 8   |
| Flat Washers 8mm (T28370).....                         | 12  |
| <b>E.</b> Hex Bolts M8-1.25 x 16 (T28172, T28369)..... | 8   |
| Hex Bolts M8-1.25 x 16 (T28370).....                   | 12  |
| <b>F.</b> Hex Wrench 6mm.....                          | 1   |



**Figure 4.** Model T28172, T28369, T28370 inventory.

## Assembly

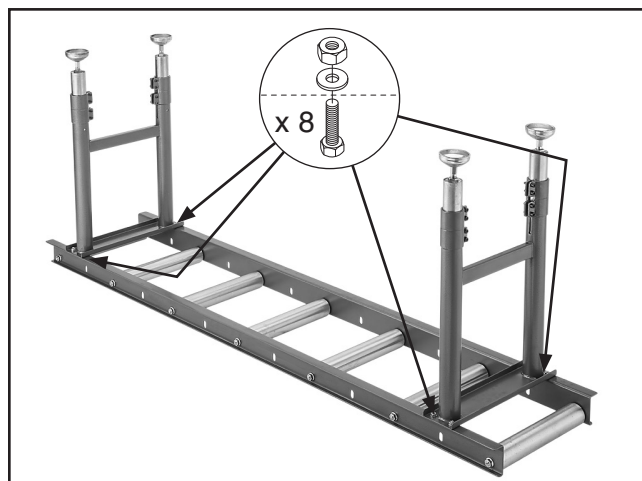
It is easiest to assemble the roller table upside-down, then have another person to help you turn it upright when complete. If you are securing the table to the machine, you will need to have the optional T28378 Mounting Plate available at the time of assembly.

| Items Needed                           | Qty |
|--|-----|
| Open-End Wrenches or Sockets 14mm..... | 2   |
| Cardboard or Blanket .....             | 1   |
| Additional Person .....                | 1   |
| T28378 Mounting Plate (Optional).....  | 1   |

## To assemble roller table:

1. With help from an assistant, place roller table assembly upside-down on cardboard or blanket with wider lip of side rails facing up.
2. Secure each leg assembly to roller table assembly with (4) M8-1.25 x 16 hex bolts, (4) M8-1.25 hex nuts, and (4) 8mm flat washers per leg (see **Figure 5**).

**Note:** If using T28378 Mounting Plate, install on machine-mounting side of table before securing leg assembly during **Step 2**.



**Figure 5.** Roller table assembly (T28369 shown).

## ! WARNING

The dynamic forces involved with processing large/heavy workpieces may cause unsecured roller tables to shift during cutting operations, which could result in kick-back injuries, depending on the type of machine being used. To reduce this risk, properly secure roller tables to both infeed and outfeed side of your machine.



## Installation & Height Adjustment

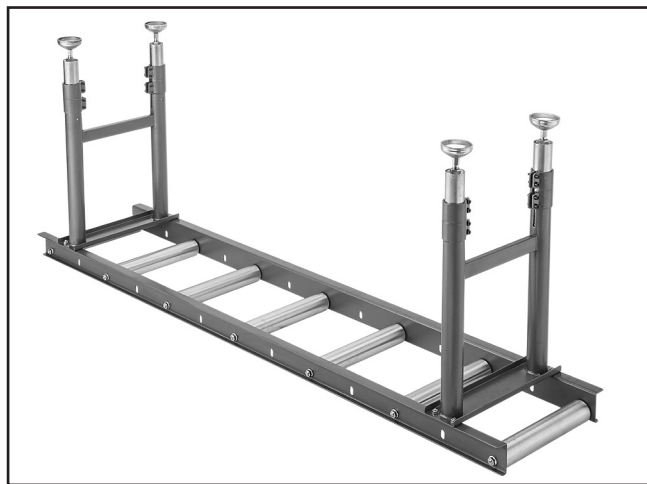
Roller table height adjusts from 24" to 40" with adjustable legs and feet. The roller table must be set to the same height as the machine work table.

The roller table should also be secured directly to the machine (using the optional T28378 Mounting Plate) to prevent it from shifting over time. Depending on your setup and the type of machine being used, a shifted roller table could result in loss of cutting accuracy or kickback injuries.

| Items Needed              | Qty |
|---------------------------|-----|
| Additional Person .....   | 1   |
| Tape Measure.....         | 1   |
| Hex Wrench 6mm.....       | 1   |
| Open-End Wrench 24mm..... | 1   |
| Open-End Wrench 16mm..... | 1   |

### To install roller table and adjust height:

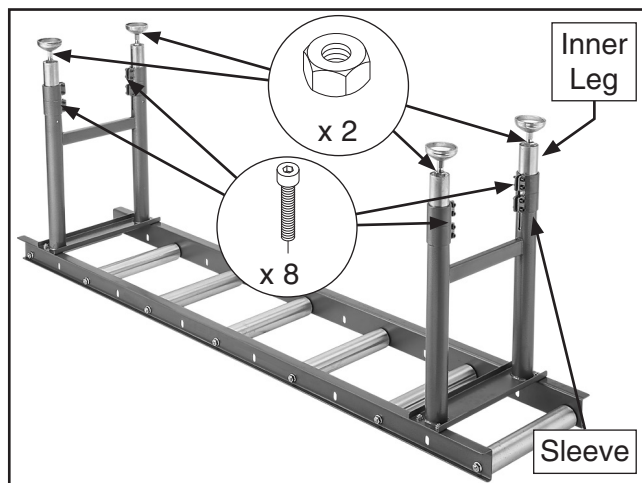
1. Measure table height of machine that will be used with roller table assembly.
2. With help from an assistant, place roller table assembly upside-down on clean, level surface (see **Figure 6**).



**Figure 6.** Turn roller table over to adjust leg height (T28369 shown).

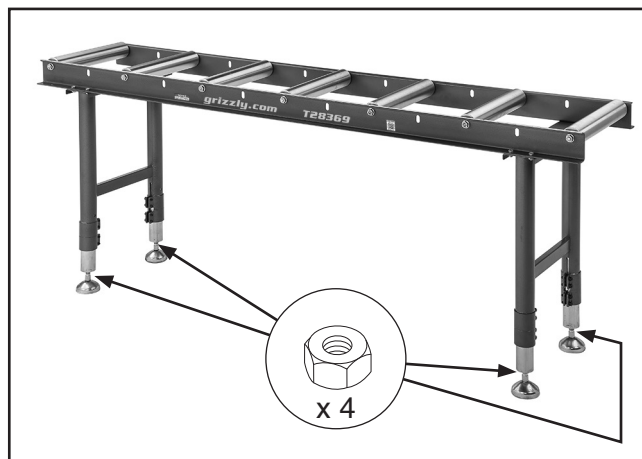
3. Loosen hex nuts securing feet and adjust feet to middle of threaded shaft. This will allow you to make fine adjustments up or down later when finalizing roller table height (see **Figure 7**).

4. At each leg, loosen (4) cap screws securing inner leg in sleeve, adjust leg in/out so height of foot-to-ground matches measured height of machine table, then secure cap screws (see **Figure 7**).



**Figure 7.** Adjusting leg height and level (T28369 shown).

5. With help from an assistant, turn roller table assembly rightside-up and position it next to machine work table.
6. Adjust feet up/down as necessary to set entire length of roller table even with machine work table, then tighten hex nuts on feet to secure in position (see **Figure 8**).



**Figure 8.** Tighten (4) hex nuts on feet after adjusting height (T28369 shown).

7. If required for your setup, secure roller table assembly to machine (refer to **Securing Roller Table to Machinery** instructions later in this document).



## Connecting Multiple Roller Tables

To create a longer work support surface, any combination of the T28172, T28369, and T28370 roller tables can be connected end-to-end by using the T28371 Connector Plates.

| Items Needed                  | Qty |
|-------------------------------|-----|
| Additional Person .....       | 1   |
| Wrench or Socket 18mm .....   | 1   |
| Hex Wrench 6mm .....          | 1   |
| T28371 Connector Plates ..... | 2   |

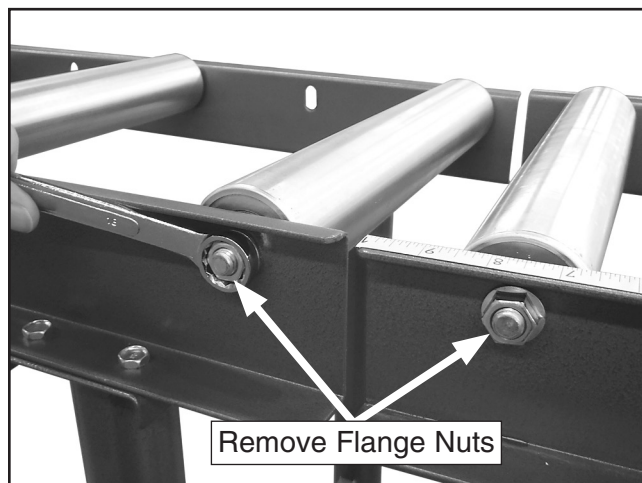
### To connect two roller table units end-to-end:

1. With help from an assistant, place two roller table assemblies end to end, as shown in **Figure 9**.
2. Adjust table heights even with each other. Refer to **Installation & Height Adjustment** if necessary.



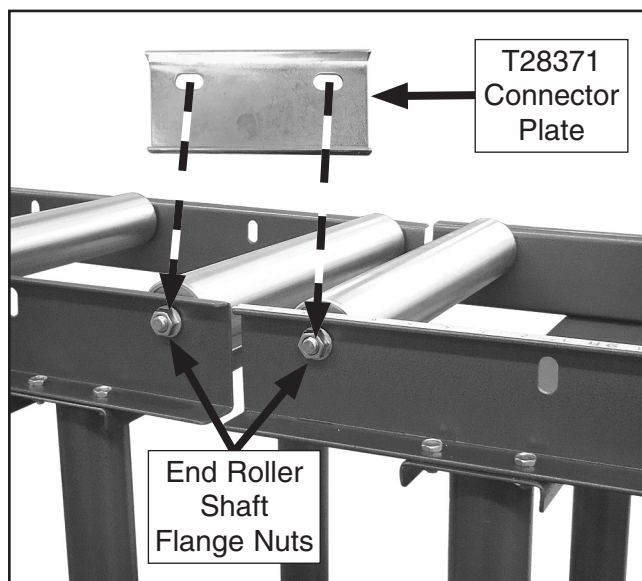
**Figure 9.** Placing roller tables end to end to connect T28371 Connector Plate.

3. Working on one side at a time, remove the (2) flange nuts securing adjoining end roller shafts (see **Figure 10**).



**Figure 10.** Removing flange nuts on end roller shafts.

3. Install T28371 Connector Plate over threaded end of roller shafts with lips facing out (see **Figure 11**). Re-attach flange nuts and tighten.



**Figure 11.** Attaching T28371 Connector Plate to end roller shafts.

4. Repeat **Steps 2–3** on opposite side of tables to attach second T28371 connector plate (see **Figure 11**).
5. Check and adjust roller table to assure they are even with each other across length of the tables.





## Securing Roller Table to Machinery

Use the optional T28378 Mounting Plate to connect roller tables to a machine.

### WARNING

The dynamic forces involved with processing large/heavy workpieces may cause unsecured roller tables to shift during cutting operations, which could result in kick-back injuries, depending on the type of machine being used. To reduce this risk, properly secure roller tables to both infeed and outfeed side of machine.

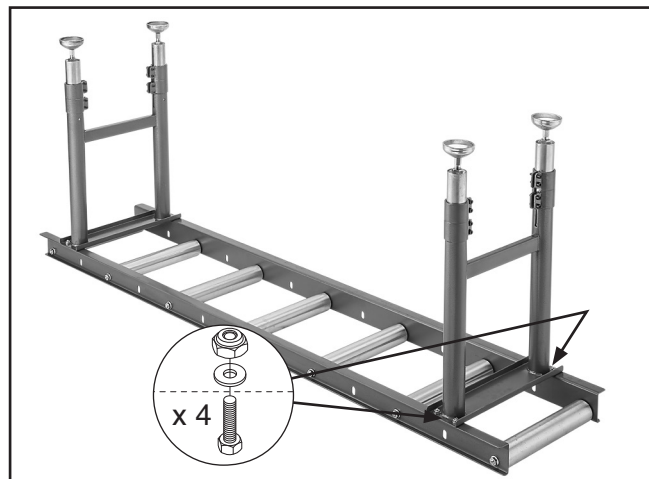
#### Items Needed

#### Qty

|                                     |   |
|-------------------------------------|---|
| Additional Person .....             | 1 |
| Wrench Open-End 14mm.....           | 1 |
| Socket 14mm.....                    | 1 |
| T28378 Mounting Plate .....         | 1 |
| Pencil or Permanent Marker.....     | 1 |
| Drill with $\frac{3}{8}$ " Bit..... | 1 |

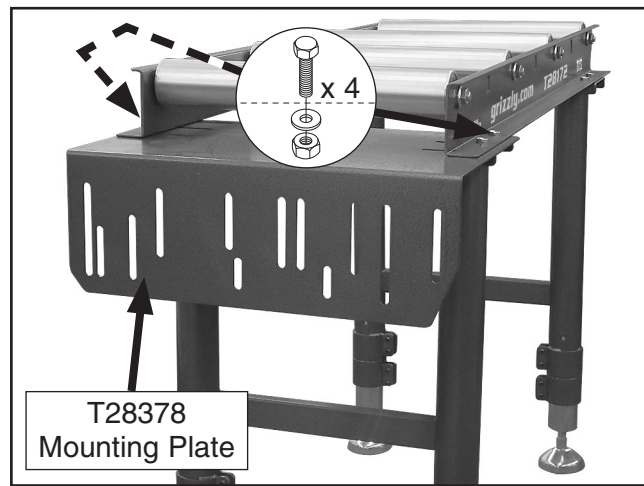
#### To secure roller table to machinery:

1. With help from an assistant, place roller table assembly upside-down on clean, level surface (see **Figure 12**).
2. Adjust leg height if necessary (see **Installation & Height Adjustment, Steps 1–6**).
3. Remove (4) hex bolts, (4) flange nuts, and (4) flat washers securing one leg assembly to roller table assembly (see **Figure 12**).



**Figure 12.** Removing leg assembly to attach T28378 Mounting Plate.

4. Insert T28378 Mounting Plate between leg assembly and roller table assembly, and re-install hex bolts, flange nuts, and flat washers removed in **Step 2**. Finger-tighten for now.
5. With help from an assistant, turn roller table assembly rightside-up.
6. Adjust location of T28378 Mounting Plate if necessary, then secure (4) hex bolts, (4) flange nuts, and (4) flat washers re-installed in **Step 4** (see **Figure 13**).



**Figure 13.** Installing T28378 mounting plate.

7. Align roller table fitted with T28378 against suitable machine.
8. Secure roller table with T28378 Mounting Plate to machine using appropriate length  $\frac{5}{16}$ " or 8mm hex bolts, hex nuts, and washers as needed.

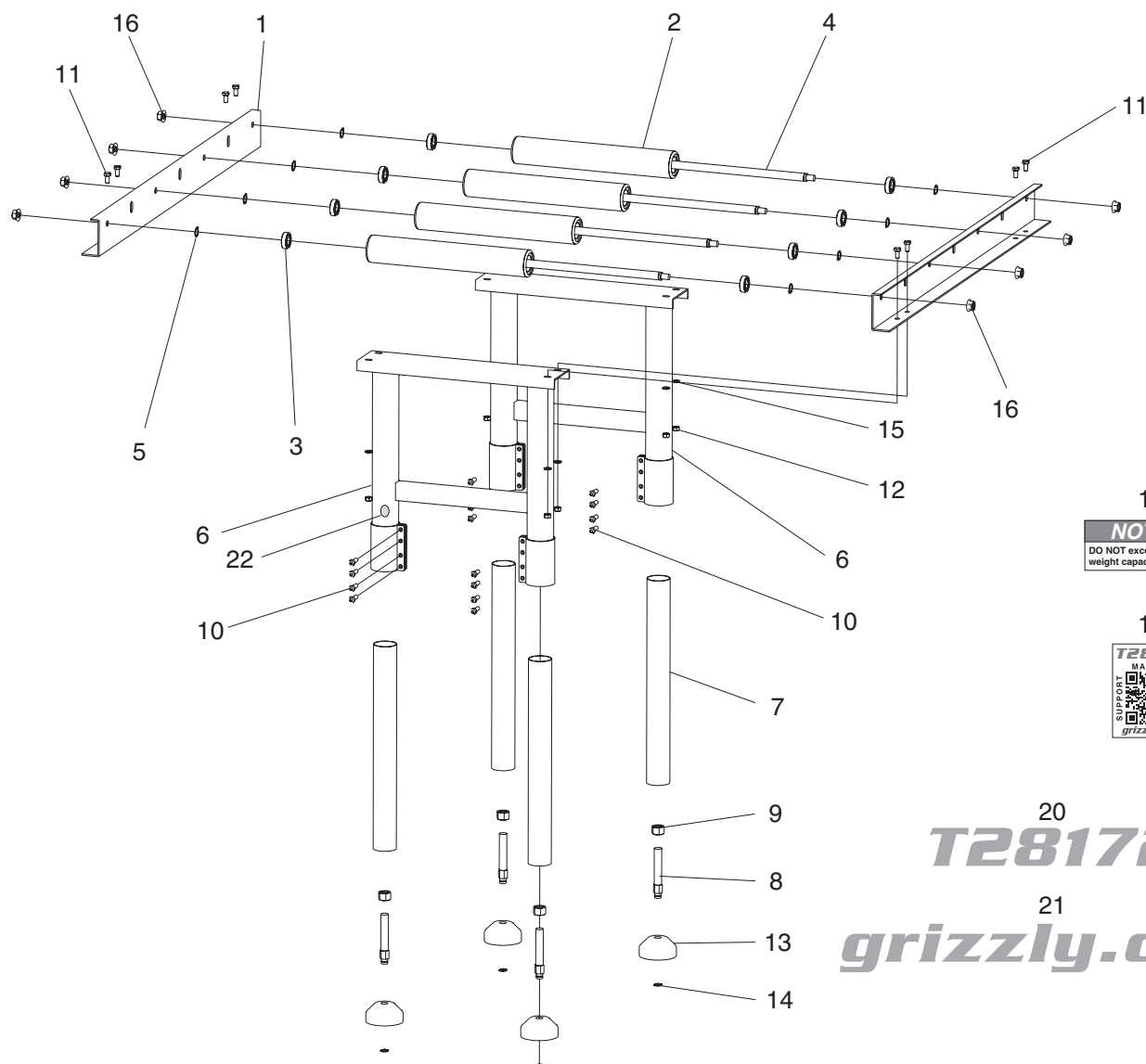
**Note:** If machine does not have existing mounting holes, you will need to drill them yourself.

### CAUTION

To avoid machine damage and possible electrocution/shock hazard, inspect workbench or machine to avoid drilling into wiring or important internal components.



# T28172 Parts

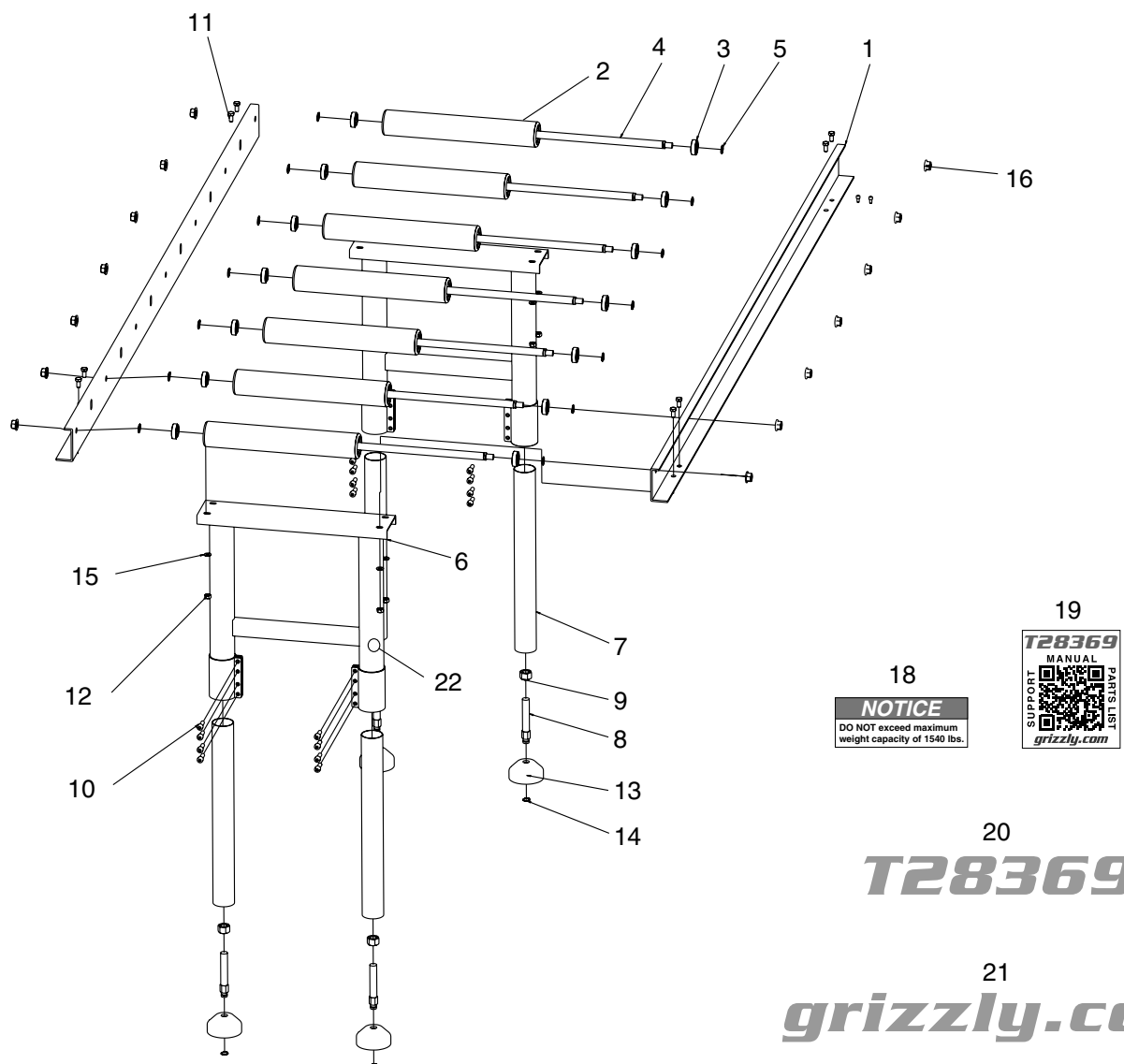


| REF | PART #     | DESCRIPTION                   |
|-----|------------|-------------------------------|
| 1   | PT28172001 | SIDE PLATE                    |
| 2   | PT28172002 | ROLLER 14 1/4" x 2 3/8"       |
| 3   | PT28172003 | BALL BEARING 6003ZZ           |
| 4   | PT28172004 | CENTER SHAFT                  |
| 5   | PT28172005 | EXT RETAINING RING 17MM       |
| 6   | PT28172006 | SUPPORT FRAME                 |
| 7   | PT28172007 | EXTENSION LEG                 |
| 8   | PT28172008 | ADJUSTABLE SCREW M16-1.5 x 50 |
| 9   | PT28172009 | HEX NUT M16-1.5               |
| 10  | PT28172010 | CAP SCREW M8-1.25 X 25        |
| 11  | PT28172011 | CAP SCREW M8-1.25 X 16        |

| REF | PART #     | DESCRIPTION                  |
|-----|------------|------------------------------|
| 12  | PT28172012 | HEX NUT M8-1.25              |
| 13  | PT28172013 | FOOT 80D M16-1.5             |
| 14  | PT28172014 | EXT RETAINING RING 12MM      |
| 15  | PT28172015 | FLAT WASHER 8MM              |
| 16  | PT28172016 | FLANGE NUT M12-1.75          |
| 18  | PT28172018 | NOTICE LABEL                 |
| 19  | PT28172019 | QR LABEL                     |
| 20  | PT28172020 | MODEL NUMBER LABEL           |
| 21  | PT28172021 | GRIZZLY.COM LABEL            |
| 22  | PT28172022 | TOUCH-UP PAINT GRIZZLY GREEN |



# T28369 Parts

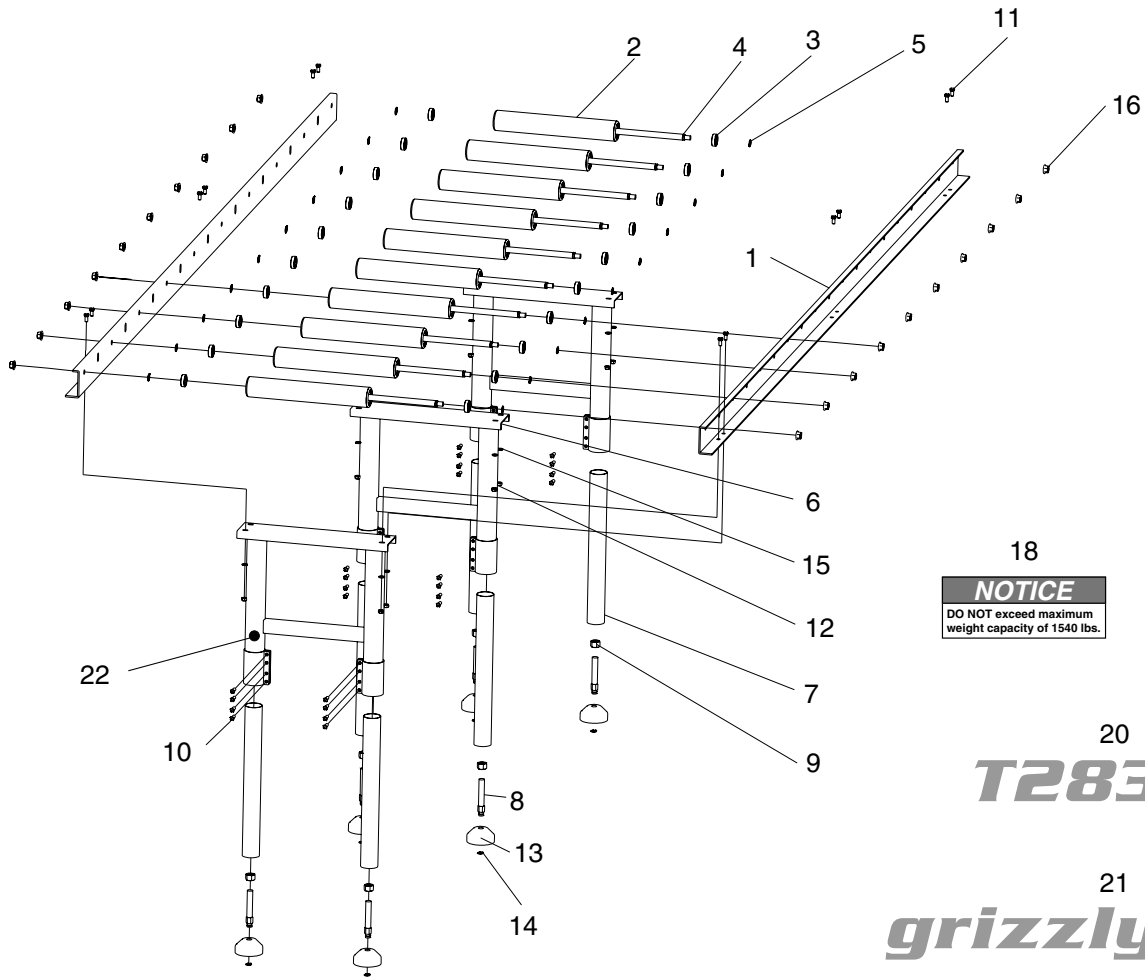


| REF | PART #     | DESCRIPTION                   |
|-----|------------|-------------------------------|
| 1   | PT28369001 | SIDE PLATE 78"                |
| 2   | PT28369002 | ROLLER 14-1/4" X 2-3/8"       |
| 3   | PT28369003 | BALL BEARING 6003ZZ           |
| 4   | PT28369004 | CENTER SHAFT                  |
| 5   | PT28369005 | EXT RETAINING RING 17MM       |
| 6   | PT28369006 | SUPPORT FRAME                 |
| 7   | PT28369007 | EXTENSION LEG                 |
| 8   | PT28369008 | ADJUSTABLE SCREW M16-1.5 X 50 |
| 9   | PT28369009 | HEX NUT M16-1.5               |
| 10  | PT28369010 | CAP SCREW M8-1.25 X 25        |
| 11  | PT28369011 | CAP SCREW M8-1.25 X 16        |

| REF | PART #     | DESCRIPTION                   |
|-----|------------|-------------------------------|
| 12  | PT28369012 | HEX NUT M8-1.25               |
| 13  | PT28369013 | STEEL FOOT 80D M16-1.5        |
| 14  | PT28369014 | EXT RETAINING RING 12MM       |
| 15  | PT28369015 | FLAT WASHER 8MM               |
| 16  | PT28369016 | HEX NUT M12-1.75              |
| 18  | PT28369017 | NOTICE LABEL                  |
| 19  | PT28369018 | QR CODE LABEL                 |
| 20  | PT28369019 | MODEL NUMBER LABEL            |
| 21  | PT28369020 | GRIZZLY.COM LABEL             |
| 22  | PT28369021 | TOUCH-UP PAINT, GRIZZLY GREEN |



# T28370 Parts



20  
**T28370**

21  
**grizzly.com**

| REF | PART #     | DESCRIPTION                   |
|-----|------------|-------------------------------|
| 1   | PT28370001 | SIDE PLATE 118"               |
| 2   | PT28370002 | ROLLER 14-1/4" X 2-3/8"       |
| 3   | PT28370003 | BALL BEARING 6003ZZ           |
| 4   | PT28370004 | CENTER SHAFT                  |
| 5   | PT28370005 | EXT RETAINING RING 17MM       |
| 6   | PT28370006 | SUPPORT FRAME                 |
| 7   | PT28370007 | EXTENSION LEG                 |
| 8   | PT28370008 | ADJUSTABLE SCREW M16-1.5 X 50 |
| 9   | PT28370009 | HEX NUT M16-1.5               |
| 10  | PT28370010 | CAP SCREW M8-1.25 X 25        |
| 11  | PT28370011 | HEX BOLT M8-1.25 X 16         |

| REF | PART #     | DESCRIPTION                   |
|-----|------------|-------------------------------|
| 12  | PT28370012 | HEX NUT M8-1.25               |
| 13  | PT28370013 | FOOT 80D M16-1.5              |
| 14  | PT28370014 | EXT RETAINING RING 12MM       |
| 15  | PT28370015 | FLAT WASHER 8MM               |
| 16  | PT28370016 | FLANGE HEX NUT M12-1.75       |
| 18  | PT28370018 | NOTICE LABEL                  |
| 19  | PT28370019 | QR CODE LABEL                 |
| 20  | PT28370020 | MODEL NUMBER LABEL            |
| 21  | PT28370021 | GRIZZLY.COM LABEL             |
| 22  | PT28370022 | TOUCH-UP PAINT, GRIZZLY GREEN |

