

TOLEDO MECHANICAL SCALE PARTS

Diagrams of these parts can be found in the "Parts Diagrams" section.

| ORDER NO. | PART NO.  | DESCRIPTION  | PRICE     | NET       |
|-----------|-----------|--|-----------|-----------|
| R001      | T-47593   | Shaft and Pinion Assembly (2020 Series)                | \$ 165.00 | \$ 115.50 |
| R002      | 024454020 | Shaft and Pinion Assembly 3-7/8" Long<br>(2831 Series) | 180.00    | 126.00    |
| R004      | 02987100A | Screws, Dial Chart - SS - 12/Pkg                       | 25.00     | 17.50     |
| R005      |           | Screws, Poise 1/4" Dia.                                | 25.00     | 17.50     |
| R006      |           | SCREWS, POISE 5/16" DIA.                               | 25.00     | 17.50     |
| R007      |           | SCREWS, POISE 3/8" DIA.                                | 25.00     | 17.50     |
| R008      |           | RIBBON 1/4" x 9-5/16" CC x .007 2/PKG                  | 47.00     | 33.00     |
| R011      |           | RIBBON 1/4" x 6-15/16" x .007 2/PKG                    | 39.00     | 27.50     |
| R012      | T-783     | SCREWS, COMP BAR, 2/PKG. SHORT, HEADLESS               | 30.50     | 21.50     |
| R013      | T-785     | SCREWS, COMP BAR, 2/PKG. SHORT, HEAD                   | 30.50     | 21.50     |
| R014      | T-956     | LOCKNUT/HEATER 10/32, 2/PKG                            | 13.50     | 9.50      |
| R015      | T-1056    | STEP NUT FOR RACK SHAFT 2/PKG                          | 22.50     | 16.00     |
| R016      | 04968200A | KNIFE YOKE, BEAM TIP LOOP, MODEL 4181, 2/<br>PKG       | 26.50     | 18.50     |
| R018      | T-2331    | BULB, LIGHT 5.9/6.2 VOLTAGE RATING                     | 38.00     | 26.75     |
| R019      | T-2720    | BALL BEARINGS, 1/16" DIA. SS 6/PKG                     | 21.50     | 15.00     |
| R020      | 003322050 | NUT, HEX FOR COMP BARS 2/PKG                           | 29.00     | 20.30     |

TOLEDO RIBBONS

| ORDER NO. | PART NO. | DESCRIPTION   | PRICE    | NET      |
|-----------|----------|---|----------|----------|
| R022      |          | Ribbon 1/4" x 5-5/8" CC x .004, 2/pkg                             | \$ 70.00 | \$ 49.00 |
| R023      |          | Ribbon 1/4" x 4-5/16" CC x .004, 2/pkg                            | 65.00    | 45.50    |
| R025      |          | Ribbon 1/4" x 6-7/16" CC x .007 2/pkg                             | 77.50    | 54.25    |
| R028      |          | Ribbon 1/4" x 4-27/32" CC x .007 2/pkg                            | 34.00    | 23.80    |
| R029      |          | Ribbon 1/4" x 4-3/8" CC x .003 2/pkg                              | 60.00    | 42.00    |
| R030      |          | Ribbon 1/4" x 4-9/16" CC x .002 2/pkg                             | 65.00    | 45.50    |
| R032      |          | Ribbon 3/16" x 4-13/16" CC x .003 2/pkg                           | 50.00    | 35.00    |
| R037      | T-32231  | Ribbon .004 Oblong - Speedweigh (3011)                            | 50.00    | 35.00    |
| R038      |          | Ribbon .004 Round - Speedweigh (3011)                             | 44.00    | 30.80    |
| R039      |          | Ribbon .005 Oblong - Speedweigh (3011)                            | 60.00    | 42.00    |
| R041      | T-29053  | Ribbon 3/8" x .010 (6 Hole) 2/pkg                                 | 45.00    | 31.50    |
| R042      | T-34152  | Ribbon 3/8" x .010 (4 Hole) 2/pkg                                 | 37.50    | 26.50    |
| R043      |          | Ribbon 3/8" x .006 (4 Hole) 2/pkg                                 | 38.00    | 26.60    |
| R047      |          | Ribbon 3/16" x 5-3/4" x .002 (4 Hole) 2/pkg<br>Long (Model 3111)  | 55.00    | 38.50    |
| R048      |          | Ribbon 3/16" x 5-3/8" x .002 (4 Hole) 2/pkg<br>Short (Model 3111) | 55.00    | 38.50    |
| R050      |          | Ribbon 3/16" x 4-11/16" CC x .002 (4 Hole)<br>2/pkg - 405 Fan     | 55.00    | 38.50    |
| R053      | T-2900D  | Ribbon 1/4" x 3-3/8" CC x .004 2/pkg                              | 55.00    | 38.50    |
| R054      |          | Ribbon 1/4" x 3-7/8" CC x .004 2/pkg -<br>Model 3120              | 50.00    | 35.00    |
| R055      |          | Ribbon .006 Flex (4 Hole) 2/pkg - 3021                            | 53.00    | 37.10    |



# TOLEDO MECHANICAL SCALE PARTS

## TOLEDO RIBBON SETS

| ORDER NO. | PART NO. | DESCRIPTION  | PRICE   | NET      |
|-----------|----------|--|---------|----------|
| R061      | T-1100   | Ribbons Set- 4 Pcs. T3049, - 2 Pcs. T3050 - .007     | \$75.00 | \$ 52.50 |
| R062      | T-1200   | Ribbons Set- 4 Pcs. T28508, - 2 Pcs. T27421 - .004   | 74.50   | 43.15    |
| R064      | T-2000   | Ribbons Set- 4 Pcs. T33978, - 2 Pcs. T33977 - .004   | 88.75   | 63.00    |
| R065      | T-2100   | Ribbons Set- 4 Pcs. T28819, - 2 Pcs. T28820 - .007   | 74.50   | 53.00    |
| R066      | T-2200   | Ribbons Set- 4 Pcs. T20015, - 2 Pcs. T20014 - .004   | 88.50   | 61.95    |
| R067      | T-3000   | Ribbons Set- 4 Pcs. T9618, - 2 Pcs. T9619 - .004     | 84.50   | 60.00    |
| R068      | T-3100   | Ribbons Set- 4 Pcs. T9116, - 2 Pcs. T9444 - .007     | 65.40   | 45.78    |
| R069      | T-3200   | Ribbons Set- 4 Pcs. T721688, - 2 Pcs. T721687 - .007 | 71.50   | 50.05    |

## TOLEDO PARTS

| ORDER NO. | PART NO.   | DESCRIPTION  | PRICE    | NET      |
|-----------|------------|--|----------|----------|
| R085      | 080261020  | Pivot, Load, Fulcrum & Nose (Models 4181,4182)   | \$ 16.50 | \$ 11.55 |
| R086      | A01721300A | Fulcrum & Loading Bearing Used In Floor, Built-In, Livestock, Motor Truck, Track, Suspension, Tank, Platform & Hopper Scales (Models 2151, 2171, 2191, 2271, 2351, 2371, 2381, 2410, 2420, 2430) | 35.20    | 24.64    |
| R087      | 029674020  | Pin Push Rod Lever 2-3/4"L, 1/2" Dia., 2-1/4" cc   | 7.60     | 5.35     |
| R088      | 00401800A  | Pin Suspension, Bearing Link   | 14.25    | 10.00    |
| R089      | 021620020  | Pivot, 5/16" x 7/8" x 2-3/32" L, Models 2781-2891 Extension Levers   | 35.25    | 24.75    |
| R090      | 04757200A  | Loop & Bearing Assembly (4 Pcs)  | 15.50    | 10.85    |
| R091      | 17231      | Bearing 5/8" x 3/4" x 13/16"L, .323 Dia. Hole  | 35.25    | 24.75    |
| R092      | 014662160  | Bearing Used In 31 Series Bench Scale (Dial)   | 20.50    | 14.40    |
| R094      | 047561050  | Bearing, Load, 1" Long   | 8.60     | 6.00     |
| R095      | 023153020  | Pivot, Load & Fulcrum, 13/16" H x 1/2" Dia. x 2-3/4" Long  | 30.80    | 21.75    |
| R096      | 047560050  | Pin Load Bearing, 3/16" X 13/16"   | 9.50     | 6.70     |
| R097      | 021206020  | Dash Pot Plunge and Cap Assembly   | 258.00   | 207.00   |
| R099      | 17251      | Pivot -Taper   | 22.00    | 15.40    |
| R101      | T-7744     | Nut, Thumb   | 30.80    | 21.60    |
| R103      | T-7746     | Screw, Lock (med)  | 38.50    | 26.95    |
| R109      | T-8977     | Plate Clamp, SS  | 13.25    | 9.30     |
| R110      | T-9094/95  | Compensating Bars, Large 8-3/8" CC (1 Right, 1 Left)   | 60.00    | 42.00    |
| R111      | 009122130  | Compensating Bar Screw Lng. Headless, 2/ pkg   | 31.35    | 21.95    |
| R112      | 009131020  | Compensating Screw, Lng. Head, 2/pkg   | 31.90    | 22.40    |
| R114      | T-10874    | Screw, Truss Head 1/2" - 8/pkg   | 29.15    | 21.00    |
| R115      | T-10875    | Screw, Truss Head 12-24 Thread 5/8" Long- 8/ pkg   | 32.00    | 23.00    |
| R116      | T-10876    | Screw, Truss Head 12-24 Thread 3/4" Long- 8/ pkg   | 25.00    | 18.00    |
| R117      | T-10877    | Screw, Front Scroll, 1" Long - 8/pkg   | 29.00    | 21.00    |
| R118      | T-15192    | Washer, Fiber, White #8 - 8/pkg  | 29.00    | 21.00    |
| R119      | T-15800    | Dashpot End (1800 Series)  | 21.00    | 15.00    |
| R123      | 021791020  | Dash Pot End Connect   | 26.00    | 19.00    |
| R125      | T-18800    | Indicator Assembly - 20" Blackline   | 121.00   | 85.00    |
| R126      | T-20011    | Level Bubble   | 9.00     | 7.00     |
| R127      | 021744020  | Link Bar Suspension Stainless steel Used on Grayline Models 2031, 3041, 2061, 2071,  | 27.00    | 19.00    |
| R128      | 021287020  | Rack Guide Assembly, SS (800/1800 Series)  | 70.00    | 49.00    |
| R129      | 021791020  | Dashpot End Connect  | 21.00    | 14.70    |
| R130      |            | Blackline Back Cover   | 61.00    | 43.00    |



**TOLEDO PARTS CON'T**

| ORDER NO. | PART NO.  | DESCRIPTION   | PRICE     | NET       |
|-----------|-----------|---|-----------|-----------|
| R132      | 033361020 | Scroll Front Dial Grayline                                  | \$ 225.50 | \$ 158.00 |
| R132-1    |           | Scroll Front Dial Blackline                                 | 247.50    | 173.25    |
| R133      | T-22810   | Handle Stop   | 77.00     | 54.00     |
| R135      | 015192020 | Washer, Fiber #12 - 8/pkg.                                  | 32.00     | 23.00     |
| R139      | 027847020 | Gasket, Rubber, Rear  | 42.00     | 30.00     |
| R142      | 02884000A | Rack Guide (2100 Series)                                    | 44.00     | 31.00     |
| R143      | 028861020 | Gasket, Rubber, Front                                       | 33.00     | 27.00     |
| R145      | 029095140 | Yoke, Compensating Bar, SS, for 1800/2100 series            | 49.50     | 35.00     |
| R150      | 029987020 | Ribbon, Tare, Short 1/4" x 8-15/16" CC 21 - 2/ pkg.         | 62.00     | 44.00     |
| R151      | 029986020 | Ribbon, Tare, Long 1/4" x11-5/16" CC 21 - 2/ pkg.           | 62.00     | 44.00     |
| R158      | 04758241  | Indicator Assembly 14" (2020)                               | 170.00    | 119.00    |
| R158-A    | 12825     | Indicator, Green, for 2020 & 2120 Models                    | 170.00    | 119.00    |
| R162      | 03219302A | Indicator Assembly 20"                                      | 159.50    | 112.00    |
| R162-A    | 03749020  | Indicator Assembly 14"                                      | 141.00    | 99.00     |
| R164      | T-33633   | Shim, Clutch Latch (2 Hole) - 2/pkg.                        | 50.00     | 35.00     |
| R166      | 028836050 | Rack Assembly   | 220.00    | 154.00    |
| R168      | 034070020 | Cap, Ball   | 27.00     | 19.00     |
| R171      | 12831400A | Rack Guide Assembly (2831, 2020 Series)                     | 64.00     | 45.00     |
| R172      | T-70707   | Link Assembly #3012 Check Rod (6-1/2" Pin Hole To Pin Hole) | 77.00     | 54.00     |
| R175      | T-74455   | Ribbon 1/4" x 7-11/16" CC x .004 Long                       | 30.00     | 21.00     |
| R176      | T-75938   | Indicator Assembly - Model 3012                             | 141.00    | 99.00     |
| R177      |           | Toledo Rail Gauge, Short                                    | 79.50     | 56.00     |
| R178      |           | Toledo Rail Gauge, Long                                     | 128.00    | 90.00     |

**TOLEDO BEARINGS**

| ORDER NO. | PART NO. | DESCRIPTION                  | PRICE    | NET      |
|-----------|----------|------------------------------|----------|----------|
| R179      | T-93344  | Bearing Assembly, Brass Case | \$ 33.55 | \$ 23.50 |

**TOLEDO PINIONS & RACKS**

| ORDER NO. | PART NO.  | DESCRIPTION  | PRICE    | NET      |
|-----------|-----------|--|----------|----------|
| R185      |           | Shaft & Pinion Assembly 3-7/8" Long (1800,1900 Series) | \$ 94.00 | \$ 66.00 |
| R187      | 047593020 | Shaft & Pinion Assembly 4-3/8" Long (2020,2831 Series) | 105.00   | 74.00    |
| R188      | T-34828   | Shaft & Pinion Assembly for Series 400 Printers        | 141.00   | 99.00    |
| R189      |           | Toledo Pinion for Series 400 Printer                   | 141.00   | 99.00    |
| R192      |           | Rack and Rod Assembly (Long) with Flat for Set Screw   | 84.00    | 59.00    |
| R193      | T-23695   | Rack & Rod Assembly (Short) With Flat For Set Screw    | 83.00    | 59.00    |
| R194      | T-47545   | Rack & Rod Assembly (2120/2831 Series)(2020)           | 143.00   | 101.00   |
| R225      |           | Pivot Gauge, True-Fit Pivot Feeler Gauge               | 176.00   | 124.00   |



# TOLEDO MECHANICAL SCALE PARTS

## TOLEDO DIAL COVERS

| ORDER NO. | PART NO.  | DESCRIPTION  | PRICE     | NET       |
|-----------|-----------|--|-----------|-----------|
| R221      | T-Cover-2 | Dial Cover, Plexiglass, 23-1/4" Dia. (Blackline 3100 Series) | \$ 186.00 | \$ 131.00 |
| R222      | 028862020 | Dial Cover, Plexiglass, 23-1/2" Dia. (Grayline 2000 Series)  | 160.00    | 112.00    |

## TOLEDO HEAD KITS

| ORDER NO. | DESCRIPTION   | PRICE     | NET       |
|-----------|---|-----------|-----------|
| R250      | Toledo Head Kit # 95 (GRAY LINE)<br>1pr- (R110) Comp Bars<br>2pcs- (R111) Comp. Bar Screws<br>2pcs- (R112) Comp. Bar Screws<br>2pcs- (R020) Hex. Nuts<br>2set- (R065) Ribbons .007<br>2pcs- (R179) Bearings<br>1pc- (R142) Rack Guide<br>1pc- (R187) Pinion<br>1pc- (R193) Rack | \$ 412.00 | \$ 289.00 |
| R251      | Toledo Head Kit #94 (BLACK LINE)<br>1pr- (R110) Comp Bars<br>2pcs- (R020) Hex Nuts<br>2pcs- (R111) Comp. Bar Screws<br>2pcs- (R112) Comp. Bar Screws<br>1set- (R068) Ribbons .007<br>2pcs- (R179) Bearings<br>1pc-(R192) Rack<br>1pc-(R185) Pinion<br>1pc-(R128) Rack Guide     | \$ 469.00 | \$ 329.00 |

## TOLEDO TARE/CAPACITY BARS

| ORDER NO. | PART NO. | DESCRIPTION                   | PRICE     | NET       |
|-----------|----------|-------------------------------|-----------|-----------|
| R515      |          | Toledo Tare Bars              | \$ 285.00 | \$ 200.00 |
| R520      |          | Toledo Capacity Bars          | 250.00    | 175.00    |
| R525      |          | Toledo Beam Inserts 0-100 lbs | 45.00     | 32.00     |

Contact Factory for availability. Some capacities no longer available except as reconditioned bars.



## SPECIAL TOLEDO PARTS

TARE INC. makes many special scale parts that are no longer being manufactured elsewhere. Please send a sample or drawing of the part required. We will quote price and delivery.

| ORDER NO. | PART NO. | DESCRIPTION   | PRICE     | NET      |
|-----------|----------|---|-----------|----------|
| Special   |          | Minimum Charge For Special Parts<br>Plus Additional Charges Depending Upon Part Requested | \$ 110.00 | \$ 77.00 |

Some of the parts shown above may be refurbished or reconditioned as the original manufactured parts are no longer available. If you do not see the part you need, call us for availability and pricing.

## TOLEDO SERVICE MANUALS

| ORDER NO. | PART NO. | DESCRIPTION                              | PRICE    | NET     |
|-----------|----------|--|----------|---------|
| R980      |          | Grayline 2000 Series                     | \$ 84.00 | \$42.00 |
| R981      |          | Blackline 31-0000 Series                 | 84.00    | 42.00   |
| R982      |          | Model 1051 Retailer Scale                | 84.00    | 42.00   |
| R983      |          | Model 2110 Hanging Scale                 | 84.00    | 42.00   |
| R984      |          | Model 2020 Compact Bench Scale           | 84.00    | 42.00   |
| R985      |          | Model 2831, 2840 Person Weigher          | 84.00    | 42.00   |
| R986      |          | Models 3011, 3021, 3031 Speedweigh Scale | 84.00    | 42.00   |
| R987      |          | Model 3111 Fan Scale                     | 84.00    | 42.00   |

If you don't see the manual you need, check our online manual section or call us at 1-800-237-6422 so we can locate it for you.

