

Also see our other
Component Brochures:
Medium Duty
TryRyde Disc
12-16K Dual Wheel Disc
Deemaxx Disc
Jack & Coupler
Agricultural

ISO 9001:2015
Certified Supplier

TRP International, LLC.

Axle & Suspension Components

TruRyde®



SUPPLYING THE WORLD.



2022/2023

TRP International, LLC.

MISSION STATEMENT

Our mission is to provide our customers an expansive line of quality products distributed on schedule, at competitive prices, with responsive and professional service.

VISION STATEMENT

The TRP group of companies will be a leading global supplier of axle, suspension, and other frame and trailer components to a variety of ground transportation equipment industries by providing excellent products and innovative solutions to our customers, challenging opportunities for our employees, and positive contributions to our communities.


QUALITY POLICY

TRP International is committed to using proven quality management principles to produce safe, quality products and services, which exceed customer expectations for value, performance and reliability.

TRP has been serving the light and medium duty trailer industry with quality axle and suspension components since 1992. We are deeply grateful to our customers, suppliers, and employees for their ongoing support without which our success would not be possible. We value these relationships and are committed to being loyal and dedicated partners well into the future.

Thank you for your interest in our TRP Distribution Axle & Suspension Components catalog. This version of the catalog represents a culmination of years of hard work in bringing together a complete line of components ranging in capacities from 500 pounds to 8000 pounds. In addition to these products we have continued to expand our offering into the 10,000-16,000 pound components and while not specifically shown in this catalog, we are supplying spindles, bearings, brake drums, electric brake assemblies, and leaf springs directly to a number of North American axle manufacturers.

For strategic reasons, we show our agricultural division products in a separate catalog. On page 5 of this catalog you will see a discussion about this business. If you are interested in becoming a distributor for TRP Agricultural products and would like a catalog please contact your TRP GUYg9I YWHj Y

*Throughout the catalog new products have been marked with a  symbol. Please consult with your TRP Sales Executive for pricing and details for these items. Finally, in 2010 we began identifying our products with the **TruRyde®** brand. Within just a few years with your support we are proud to say that it is a name that has become known and requested in the market. We want to thank you for embracing the brand and we assure you that we will continue to do our part in supporting it by providing quality products at competitive prices with exceptional service.*

Sincerely,

Chris Mileger
President
TRP International, LLC.

TruRyde®



TRP International, LLC.



Throughout this catalog a TRP Service Mark appears next to those products manufactured by TRP.

CONTENTS


Company Profile

TRP International, LLC	2
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Subsidiary Profiles

TRP Distribution	3
GVS Technologies, LLC	4
TRP Agricultural Division	5

Products

Butt Weld Style Spindles	6
Hot Forged Integrated Flange	6
Hot Forged Straight	6
Bar Stock	6
 Hot Forged Integrated Flange Drop Spindles	7
Round Bar Stock Spindles	8
Square Bar Stock Spindles	9
Hot Forged Drop Boat Trailer Spindle	10
Brake Flanges	11
Spindle Fasteners & Accessories	12
Dust Caps – Rubber Plug	13
Tapered Roller Bearings	14
Grease Seals	15
Brake Drums	16
Idler Hubs	17
Hydraulic Brakes	18
Electric Brakes	19
Leaf Springs	20-21
U-Bolt Tie Plates	22-23
Spring Seats	24
Shackle Links	25
Cast Equalizers	26
Spring Hangers – 1 ³ / ₄ " Wide Springs	27
Steel Fabricated Equalizers – 2" Wide Springs	28
Spring Hangers – 2" Wide Springs	29
10k General Duty Spring Hangers – 2.5" Wide Springs	30
10k General Duty Steel Fabricated Equalizers – 2.5" Wide Springs	31
Suspension Fasteners	32
U-Bolts	33
Leaf Spring Bushings – Mobile Home Rim Clamps	34
Shock Absorber – Shock Tie Plates & Mounting Brackets	35
Mobile Home Axle Products	36-37

<i>Reference Guide for Hub Components & Axle Components</i>	<i>38-47</i>
<i>TruWeld-6 Weld Wire</i>	<i>48</i>
<i>Secondary Custom Operations – Custom Manufactured Components</i>	<i>49</i>
<i>International Supplier Partners</i>	<i>50</i>



Formed in 1992, TRP International, LLC. is a diversified manufacturing and distribution corporation. At TRP we talk about “filling in the white space” as a way of growing the company. This strategy allows us to expand our product offerings, participate in new market segments, and maintain a competitive



position while staying close to the things we know. We accomplish this by introducing new products, enhancing current product lines, partnering with other companies or by making acquisitions. Whatever path we take, our goal is to provide our customers with an expansive line of quality products distributed on schedule at competitive prices with responsive and professional service.

Through the TRP group of companies and global partners we provide products to a variety of ground transportation equipment industries. By leveraging our expertise in the areas of Engineering, Manufacturing, International Trade and Distribution combined with a commitment to ongoing investments in technology and people, our objective is to share in the success of our customers by helping them maximize their efficiency while minimizing costs.

Engineering – Our engineering staff has experience in various design and manufacturing environments including leaf springs, tapered roller bearings, closed-die forgings, metal stampings, and CNC machining. Our resources include professional mechanical, quality, and metallurgical engineers. With these skills we are striving every day to improve the overall cost and quality of the products we offer. TRP has a focus on continuous improvement that is reflected in investments in computer aided design (CAD) software, and a coordinate measuring machine (CMM). These tools help our engineers assist you in making the right choice for your components.

Manufacturing – The TRP companies take pride in the capability and efficiency of each piece of equipment used to manufacture our products. Recent investments in a new Programmable CMM, three new Live Tool Lathes, a 400mm Horizontal Machining Center, a 500mm Horizontal Machining Center, as well as a new Drill and Tap Machining Center are just a sampling of the investments made for the improvement of manufacturing. We strive to incorporate lean principles to keep costs down in our production facilities. Our charter is to “find waste and eliminate it”. Each facility takes pride in shipping quality products and maintains a quality system that builds the framework for verifying that we meet customer specifications.



International Trade – With over 27 years of international trade experience and qualified TRP personnel working through liaison offices in Italy and China we have the expertise necessary to communicate, consult, coordinate and execute the many facets of importing products to North America from abroad.

Distribution – With state of the art technology for order processing and fulfillment combined with strategically located distribution centers, we can effectively serve the requirements of customers from coast to coast in the U.S., as well as Canada and Mexico. Our constant attention to logistics and evaluation of carrier performance and pricing, assures the most efficient, cost effective shipping methods resulting in faster delivery and lower total product costs.





TRP Distribution



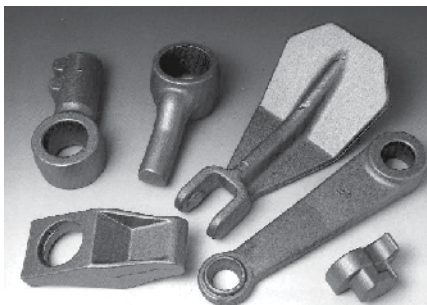
TRP Distribution is a major supplier of axle and suspension components to light and medium duty trailer axle manufacturers, trailer parts distributors, and trailer builders. It functions as the marketing and sales organization for the TRP subsidiary company, GVS Technologies, LLC. In addition TRP Distribution is the exclusive distributor in North America of leaf springs for Rockwell American Manufacturing, USA and steel forgings for Ghioni & Valaperta, Italy.

With strategically located distribution centers throughout the United States the products are closer to the customer helping to minimize transit times and shipping costs as well as shortening the material planning cycle. Customer requirements are fulfilled utilizing a state of the art networked system linking the distribution centers. This enables us to process orders efficiently, with greater accuracy, and usually within one business day.



Whether through domestically manufactured products from TRP International's subsidiary company or products sourced internationally through our global partners, TRP Distribution has a significant commitment to inventory. This commitment assures the customer of their requirements being met in the time frame desired.

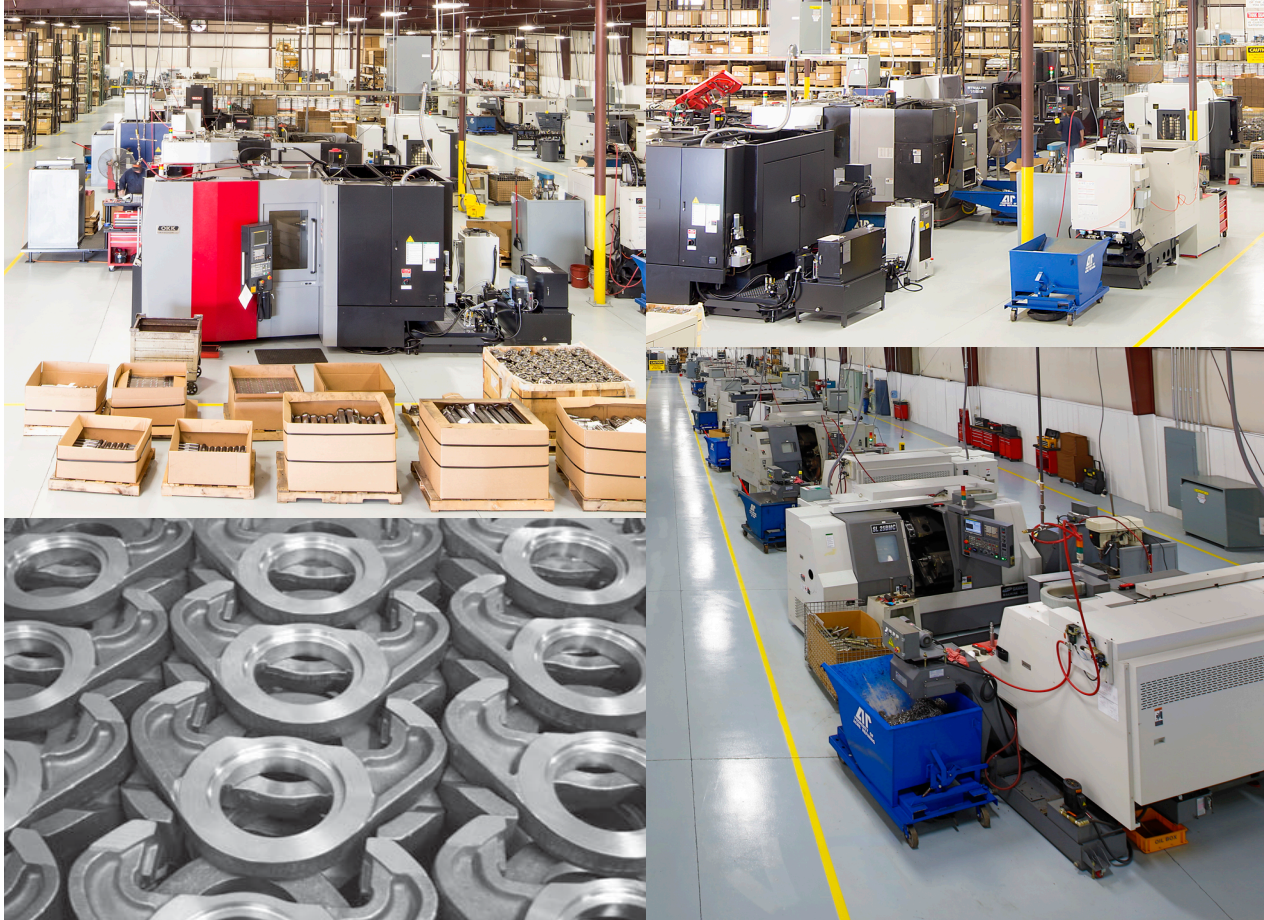
CUSTOM FORGING DIVISION – Ghioni & Valaperta is located in the small town of Erba in Northern Italy. A manufacturer of custom closed die steel forgings, G&V ships forgings throughout the world. This family owned business of over 40 years supplies forgings and finished components to world-class industrial companies including GKN, Daimler-Chrysler, Audi and Volkswagen. G&V has positioned itself as a world-class forging supplier, combining unique technology and equipment with highly skilled and experienced employees. Together, G&V and TRP International have forged a secure business relationship dating back to 1992. G&V selected TRP as its North American distributor and product representative because of TRP's solid reputation in the trailer industry. Through combined sales and engineering efforts supported by a broad domestic manufacturing and distribution base, TRP and G&V supply unparalleled quality forgings to customers in North



America. TRP and G&V value added capabilities grew in 1999 with the acquisition of GVS Technologies, a production machining business located in Elkhart, Indiana. The facility is equipped with highly capable, state of the art machinery that is always upgraded which allows GVS to consistently improve the quality of each component produced.

GVS Technologies is our world class production machining company located in Elkhart, Indiana. The team at GVS has many years of valuable experience in machining a wide variety of axle and suspension components for the light and medium duty trailer industry. Axle spindles are the major product line ranging in diameters up to 5 inches and lengths exceeding 27 inches. These spindles can be machined from straight and drop hot forgings or hot rolled and cold drawn bar stock using the most advanced CNC lathes, live tool lathes, vertical mills, horizontal machining centers, and heat induction bending.

Spindles can be machined complete with an assortment of nut anti-rotation devices (e.g. cotter pins, D-flats, slots) lubrication passages and fittings, and welded brake flanges. GVS is also capable of machining to customer supplied custom designs. Control of raw materials and continuous monitoring and improvements in production processes insure consistent product quality.



PROCESS CAPABILITIES

- Cut to Length (bar, tube, rod, angle)
- Turning - CNC Lathes
- Turning - Automatic Lathes (single spindle)
- Milling - Automatic (horizontal and vertical)
- Drilling - Automatic (deep, cross, center) • Thread Forming
- Rotary Welding (MIG)
- Manual Welding (MIG)
- Assembly
- Tapping
- Counter Boring
- Porting
- Induction Heating and Bending

REPRESENTATIVE PRODUCTS

- Spindles
- Generator Shafts
- King Pins
- Axle Shafts
- Tank Flanges
- Double Ended Spindles
- Bent Spindles
- Torsion Spindles / Torsion Arms
- Torsion Inner Bar
- Bearing Housings
- Valve Bodies
- Suspension Blocks
- Bushings
- Motor Mounts

Please direct your inquiries to your TRP International Sales Executive.

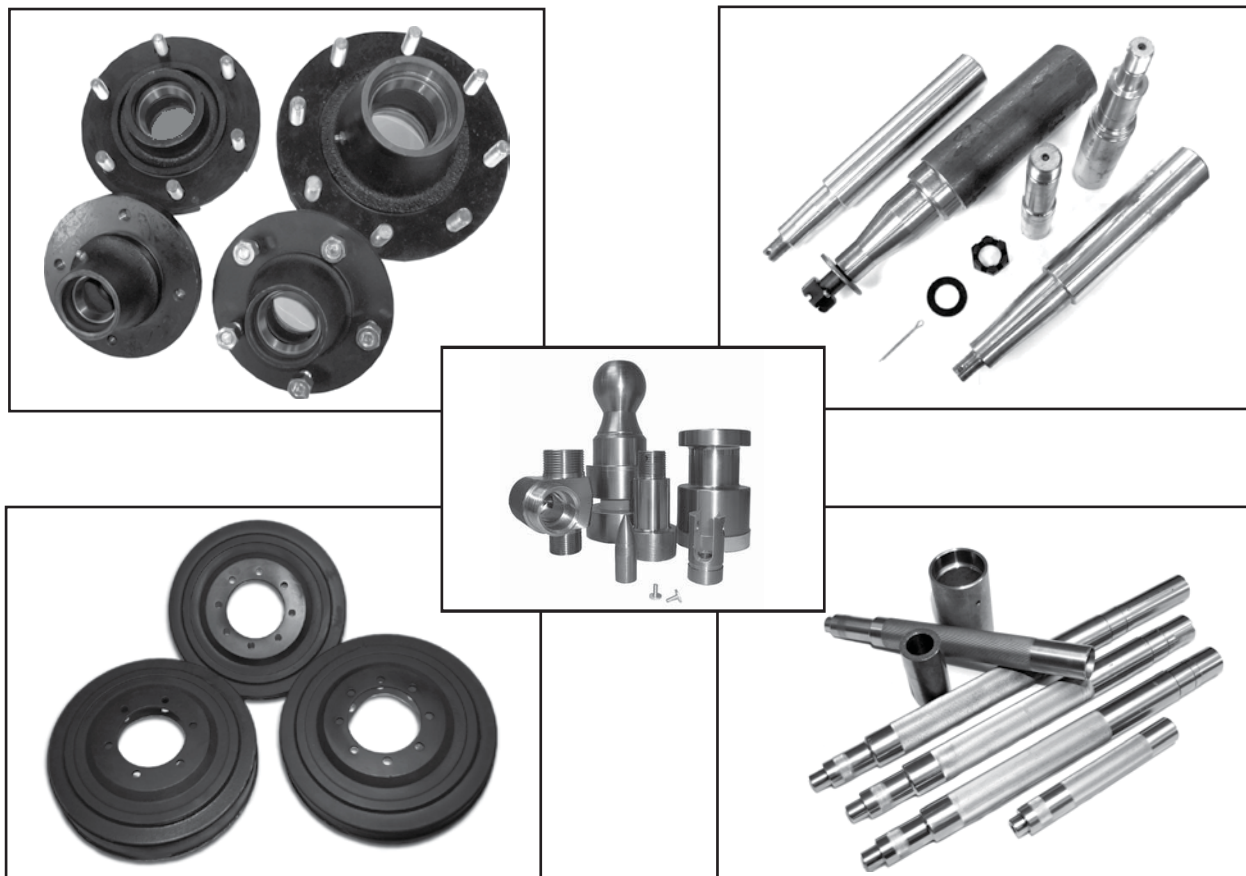


TRP Agricultural Division

TRP Agricultural Division is a supplier of spindles, hubs, bearings, grease seals, dust caps and other related components to the agricultural market.

By combining our domestic manufacturing capabilities at GVS Technologies (see opposing page) with our international trade expertise at TRP International, we provide a broad range of high quality, competitively priced components to the agricultural market. Through our strategically located distribution center in Elkhart, IN. we have the product in stock and available for immediate shipment. Spindle products are manufactured to specific customer requirements and generally require a 2-3 week lead time to produce. Our exceptional staff of customer service personnel are prepared to assist with order entry, shipping logistics, and directing related customer inquiries to the appropriate individuals.

While we are committed to carrying an extensive inventory of the most popular items, we have the resources in place to work with customer supplied design products as well. Please direct your inquiries to your TRP Agricultural Division sales executive or customer service contact.

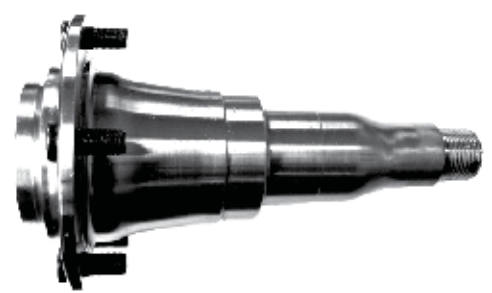
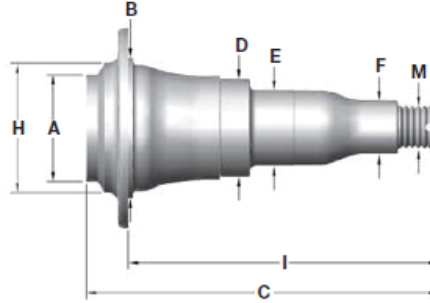


The above images are representative of the products available through TRP Agricultural Division. Information pertaining to the individual product specifications, packaging details, and part numbers can be viewed in a separate catalog available through your sales executive or customer service contact.



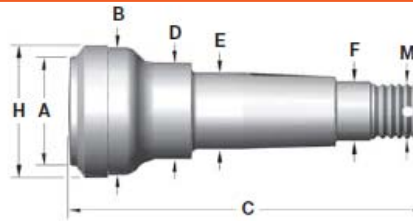


HOT FORGED INTEGRATED FLANGE

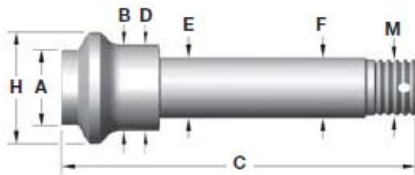


DESCRIPTION				DIMENSIONS							
PART NO.	SPINDLE	CAPACITY	UNIT WT.	A	B	C	D	E	F	H	I
<i>SP-HF-IF-84LZ</i>	#84	1,750 lb.	3.29 lb.	1.95"	3.00"	6.35"	1.72"	1.376"	1.062"	2.45"	5.36"
<i>SP-HF-IF-8455Z</i>	#84	1,750	3.97	2.55"	3.00"	6.35"	1.72"	1.376"	1.062"	3.00"	5.46"
<i>SP-HF-IFB-42LZ-213</i>	#42	3,500	7.31	2.45"	3.25"	8.25"	2.13"	1.749"	1.249"	3.00"	7.25"
<i>SP-HF-IFB-42LZ-225</i>	#42	3,500	7.31	2.45"	3.25"	8.25"	2.25"	1.749"	1.249"	3.00"	7.25"

HOT FORGED



DESCRIPTION				DIMENSIONS						
PART NO.	SPINDLE	CAPACITY	UNIT WT.	A	B	C	D	E	F	H
<i>SP-HF-84BT16</i>	BT16	1,250 lb.	3.20 lb.	1.95"	2.26"	6.35"	1.50"	1.062"	1.062"	2.34"
<i>SP-HF-84L</i>	#84	1,750	3.40	1.95"	2.26"	6.35"	1.72"	1.376"	1.062"	2.45"
<i>SP-HF-84S</i>	#84	1,750	3.00	1.95"	2.26"	6.05"	1.72"	1.376"	1.062"	2.34"
<i>SP-HF-8455</i>	#84	1,750	4.00	2.55"	2.26"	6.35"	1.72"	1.376"	1.062"	3.00"
<i>SP-HF-42L-213</i>	#42	3,500	7.40	2.45"	2.74"	8.25"	2.13"	1.749"	1.249"	3.00"
<i>SP-HF-42L-225</i>	#42	3,500	7.40	2.45"	2.74"	8.25"	2.25"	1.749"	1.249"	3.00"
<i>SP-HF-8K</i>	#42	4,000	10.00	2.93"	2.74"	8.61"	2.25"	1.749"	1.249"	3.50"



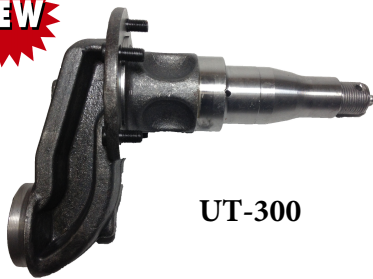
BAR STOCK



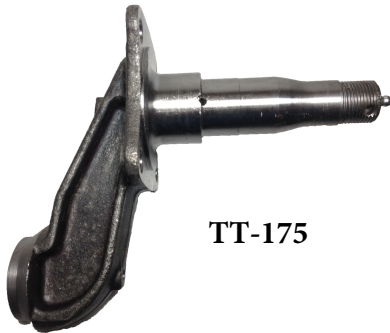
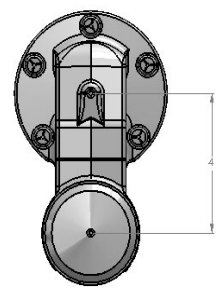
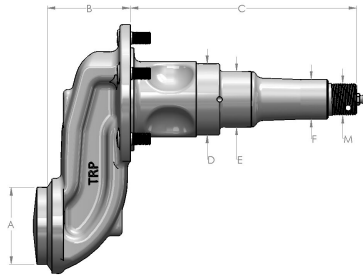
DESCRIPTION				DIMENSIONS						
PART NO.	SPINDLE	CAPACITY	UNIT WT.	A	B	C	D	E	F	H
<i>SP-HF-BT8</i>	BT8	1,000 lb.	2.00 lb.	1.31"	N/A	5.96"	1.25"	0.999"	0.999"	1.75"
<i>SP-HF-BT8L</i>	BT8	1,000	2.25	1.31"	1.63"	6.68"	1.25"	0.999"	0.999"	1.75"
<i>SP-HF-BT16</i>	BT16	1,250	2.25	1.31"	N/A	5.96"	1.50"	1.062"	1.062"	1.75"
<i>SP-HF-BT16L</i>	BT16	1,250	2.50	1.31"	1.63"	6.68"	1.50"	1.062"	1.062"	1.75"



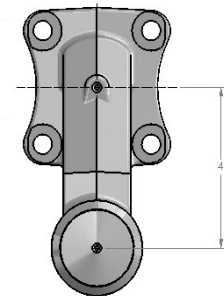
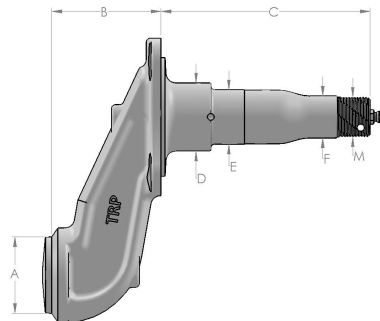
HOT FORGED INTEGRATED FLANGE DROP SPINDLES



UT-300



TT-175



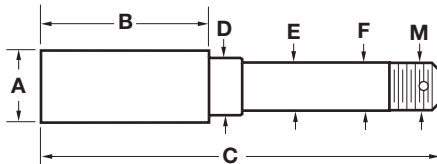
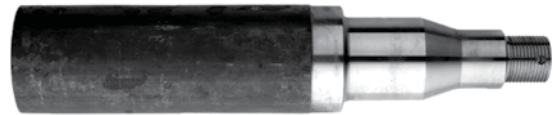
PART NUMBER	DESCRIPTION	DIMENSIONS						UNIT WT.
		A	B	C	D	E	F	
SP-TT-IF-175Z	3500# Axle, 4" Drop For 2-3/8" Tube w/ Flange	1.95"	2.77"	5.36"	1.72"	1.376"	1.062"	6.63 lb.
SP-TT-IF-175AZ	3500# Axle, 4" Drop For 3" Tube w/ Flange	2.45"	2.77"	5.36"	1.72"	1.376"	1.062"	8.45
SP-UT-IFB-300Z-213	7000# Axle, 4" Drop For 3" Tube w/ Flange	2.45"	2.64"	7.25"	2.13"	1.749"	1.249"	12.25
SP-UT-IFB-300Z-225	7000# Axle, 4" Drop For 3" Tube w/ Flange	2.45"	2.64"	7.25"	2.25"	1.749"	1.249"	12.25
SP-UTH-400F	8000# Axle, 4" Drop w/ Forged Flange For 3-1/2" Tube	2.93"	3.00"	7.55"	2.25"	1.749"	1.249"	17.10



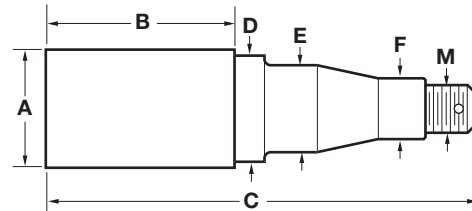
- Forging material: Custom engineered automotive quality high strength steel.
- Spindles are machined to 1" - 14 UNS-2A thread (M) with .190" cotter pin hole.
- Dimension "B" on Hot Forged Integrated Flange straight spindles is the brake nib pilot dimension.
- See page 12 for Spindle Fasteners & Accessories.
- See page 10 for Custom Spindle Options.
- The specifications and dimensions above are for reference only.
- ** SP-TT-175AF has a welded flange.
- * **Call for availability and lead time on spindles.**



ROUND BAR STOCK SPINDLES



Type 1



Type 2

DESCRIPTION					DIMENSIONS					
PART NO.	TYPE	SPINDLE	CAPACITY	UNIT WT.	A	B	C	D	E	F
SP-125BT8	1	BT8	1,000 lb.	2.25 lb.	1.25"	3.37"	8.25"	1.23"	0.999"	0.999"
SP-125BT16	1	BT16	1,250	2.25	1.25"	3.37"	8.25"	1.23"	1.062"	1.062"
SP-150BT8	1	BT8	1,000	2.75	1.50"	3.37"	8.25"	1.25"	0.999"	0.999"
SP-150BT16	1	BT16	1,250	3.00	1.50"	3.37"	8.25"	1.48"	1.062"	1.062"
SP-17584	2	#84	1,750	4.00	1.75"	3.37"	8.25"	1.72"	1.376"	1.062"
SP-20084	2	#84	1,750	5.00	2.00"	3.37"	8.25"	1.72"	1.376"	1.062"
SP-22542	2	#42	3,500	8.00	2.25"	6.00"	11.00"	2.23"	1.749"	1.249"

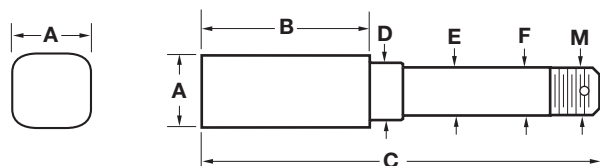


- Bar stock material: SAE 1045 hot rolled (cold rolled available upon request).
- All spindles are machined to 1" - 14 UNS-2A thread (M) with .190" cotter pin hole.
- See page 12 for Spindle Fasteners & Accessories.
- See page 10 for Custom Spindle Options.
- The specifications and dimensions above are for reference only.

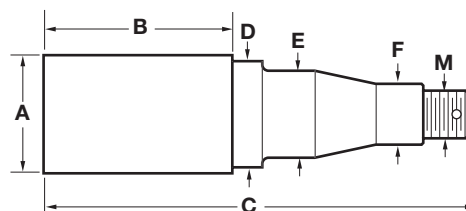
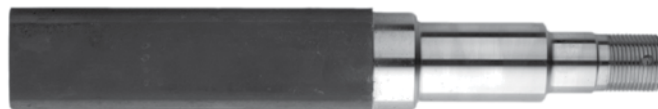
*** Call for availability and lead time on spindles.**



SQUARE BAR STOCK SPINDLES



Type 1



Type 2

DESCRIPTION					DIMENSIONS					
PART NO.	TYPE	SPINDLE	CAPACITY	UNIT WT.	A	B	C	D	E	F
SP-150BT8-SQ	1	BT8	1,000 lb.	2.60 lb.	1.50"	3.32"	8.25"	1.23"	0.999"	0.999"
SP-150BT16-SQ	1	BT16	1,250	2.90	1.50"	3.32"	8.25"	1.48"	1.062"	1.062"
SP-20484-SQ w/seal ring	2	#84	1,750	3.50	1.50"	3.53"	8.25"	1.72"	1.376"	1.062"
SP-35684-SQ	2	#84	1,750	4.00	1.75"	6.05"	11.00"	1.72"	1.376"	1.062"
SP-50642-SQ w/seal ring	2	#42	3,500	5.00	2.00"	5.93"	11.00"	2.25"	1.749"	1.249"



- Bar stock material: SAE 1045 hot rolled.
- All spindles are machined to 1" - 14 UNS-2A thread (M) with .190" cotter pin hole.
- See page 12 for Spindle Fasteners & Accessories.
- See page 10 for Custom Spindle Options.
- The specifications and dimensions above are for reference only.

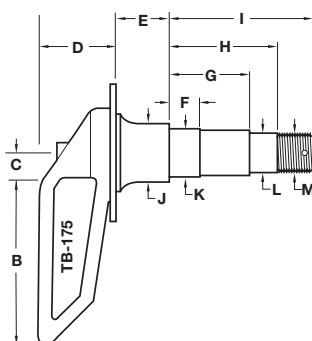
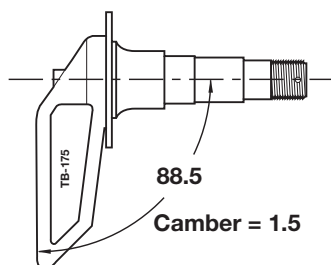
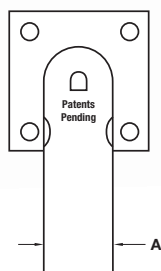
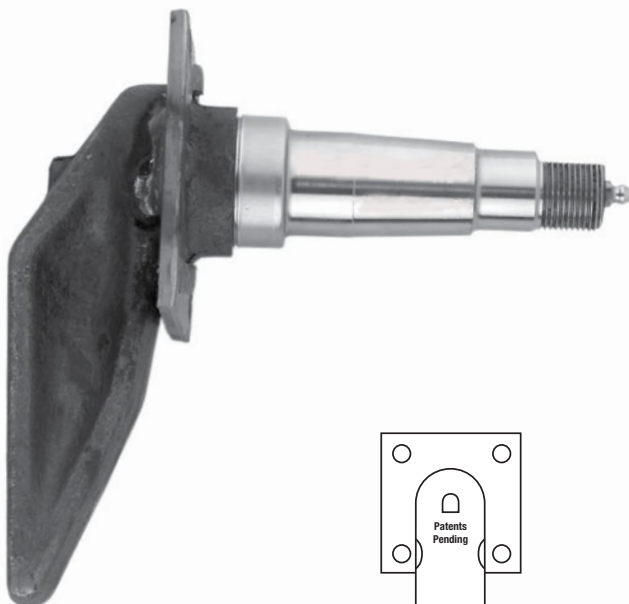
* **Call for availability and lead time on spindles.**



HOT FORGED DROP BOAT TRAILER SPINDLE



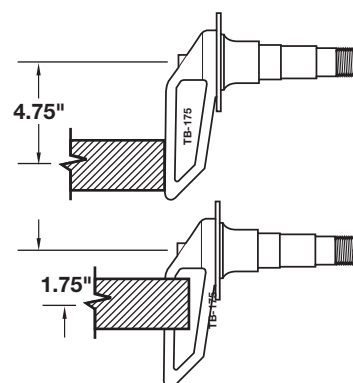
The *ORIGINAL* hot forged spindle was designed to eliminate the current tubular drop spindle fabrication method. This spindle provides added versatility, strength and durability. Increased production and cost reduction will occur due to the elimination of material waste, handling and unnecessary fabrication operations. This design is for the 3500 lb. axle, but it can also be produced for the 2000 lb. axle. Both spindles are available with or without brake flange.



AXLE PLACEMENT

The 2"x2" or 2"x3" tube is welded to the flat surface of the leg of the spindle. This spindle allows you to achieve a drop from 1.75" to 4.75."

AVAILABLE DROPS



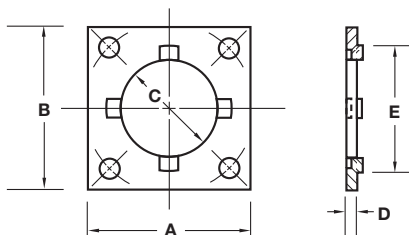
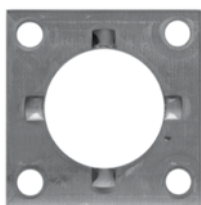
PART NUMBER	DIMENSIONS												UNIT WT.
	A	B	C	D	E	F	G	H	I	J	K	L	
SP-TB-175F	2.03"	4.75"	1.00"	2.25"	1.26"	0.91"	2.38"	3.34"	4.12"	1.72"	1.376"	1.062"	7.75 lb.

- Forging material: Custom engineered automotive quality high strength steel.
- All spindles are machined to 1" - 14 UNS-2A thread (M) with .190" cotter pin hole.
- See page 12 for Spindle Fasteners & Accessories.
- See below for Custom Spindle Options.
- The specifications and dimensions above are for reference only.

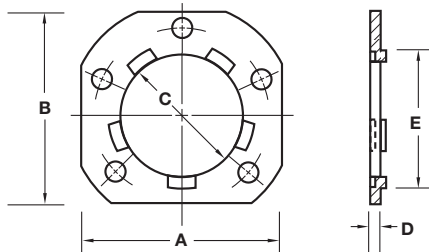
CUSTOM SPINDLE OPTIONS

- Welding of brake flange is available; add "F" to the end of the part number.
- Welding of brake flange with studs is available; add "FB" to the end of the part number.
- **Note:** Studs are 3/8"- 24 x 7/8". (**Only for 5.2K - 7K axle applications.**)
- Drilling for lubrication without D-Flat is available; add "Z" to the end of the part number.
- Drilling for lubrication with D-Flat is available; add "ZD" to the end of the part number.
- Alternate grease seal dimensions are available.
- Machining of D-Flat without lubrication is available; add "D" to the end of part number.
- Installation of stainless steel wear ring is available; add "SS" to the end of part number.
- Installation of spindle nut and washer is available; add "NW" to the end of part number.
- Custom machining available upon request.

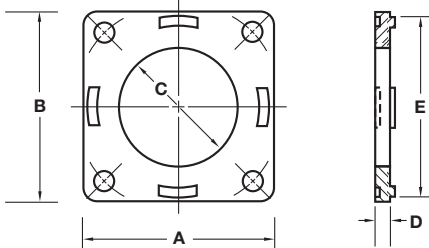
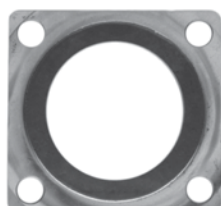
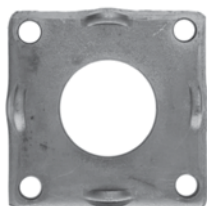
****ALL INTEGRATED FLANGED SPINDLES COME LUBED**



Type 1



Type 2



Type 3 / 4




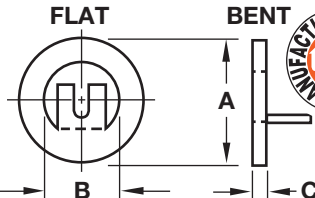

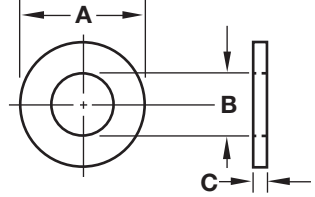

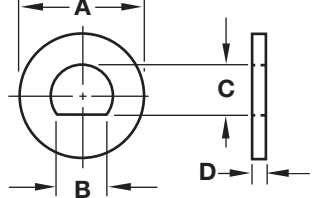

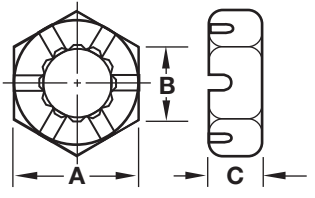

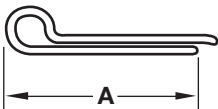

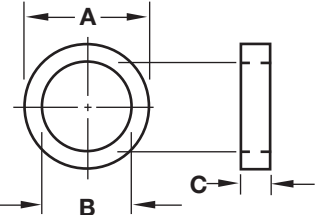

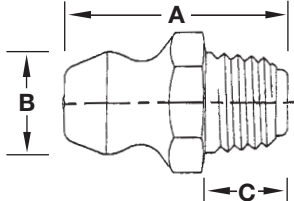
All Type 2 flanges are available with brake studs pressed in. Add "B" to end of flange part number. Studs are 3/8" - 24 x 7/8".

PART NUMBER	TYPE	DIMENSIONS					BOLT CIRCLE	REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
		A	B	C	D	E					
<i>PFL-41.30</i>	1	3.75"	3.75"	1.30"	0.23"	3.00"	4.00"	—	0.75 lb.	2,000 pc.	1,500 lb.
<i>PFL-41.51</i>	1	3.75"	3.75"	1.51"	0.25"	3.00"	4.00"	4-29	0.82	1,500	1,230
<i>PFL-41.64</i>	1	3.75"	3.75"	1.64"	0.25"	3.00"	4.00"	4-34	0.77	1,500	1,155
<i>PFL-41.75</i>	1	3.75"	3.75"	1.75"	0.25"	3.00"	4.00"	4-16	0.73	4,000	2,920
<i>PFL-42.27</i>	1	3.75"	3.75"	2.27"	0.25"	3.00"	4.00"	4-12	0.62	4,000	2,480
<i>PFL-52.31</i>	2	4.44"	4.25"	2.31"	0.25"	3.25"	3.87"	4-6Q	0.80	4,000	3,200
<i>PFL-52.75</i>	2	4.44"	4.25"	2.75"	0.25"	3.25"	3.87"	4-6T	0.76	4,000	3,040
<i>PFL-53.12</i>	2	4.44"	4.25"	3.12"	0.25"	3.25"	3.87"	4-6	0.80	1,000	800
<i>PFL-52.31-31</i>	2	4.44"	4.25"	2.31"	0.31"	3.25"	3.87"	—	0.90	1,000	900
<i>PFL-52.53</i>	2	4.44"	4.25"	2.53"	0.25"	3.25"	3.87"	—	0.90	1,000	900
<i>PFL-52.53-31</i>	2	4.44"	4.25"	2.53"	0.31"	3.25"	3.87"	—	0.90	1,000	900
<i>PFL-42.31</i>	3	4.75"	4.75"	2.31"	0.37"	4.50"	5.28"	—	1.90	550	1,050
<i>PFL-42.56</i>	3	4.75"	4.75"	2.56"	0.37"	4.50"	5.28"	—	1.90	550	1,050
<i>PFL-42.96</i>	3	4.75"	4.75"	2.96"	0.37"	4.50"	5.28"	—	1.90	550	1,050
<i>PFLD-42.96</i>	4	4.63"	4.38"	2.96"	0.26"	3.87"	4.96"	—	1.90	550	1,050
<i>PFL-43.12</i>	3	4.75"	4.75"	3.12"	0.37"	4.50"	5.28"	—	1.90	550	1,050
<i>PFL-43.53</i>	3	4.75"	4.75"	3.53"	0.37"	4.50"	5.28"	—	1.90	550	1,050

- Material: High quality pickled and oiled structural steel per ASTM specifications.
- Bolt hole size: Type 1 - .48", Type 2 - .41", Type 3 / 4 - .53"
- Type 4 flange has 360° machined locating nibs.
- The specifications and dimensions above are for reference only.



SPINDLE FASTENERS & ACCESSORIES

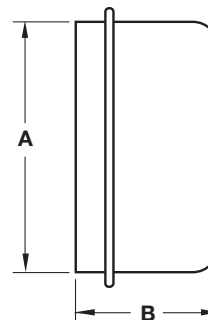
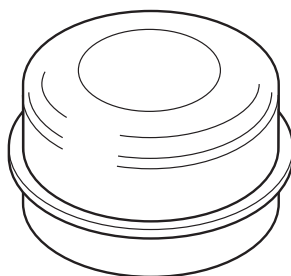
		TANG WASHER						
		PART NUMBER	DIMENSIONS			BOX QTY.	BOX WT.	
			A	B	C			
		FA-TW100	1.57"	1.00"	0.40"	2,500 pc.	35 b.	
		FLAT ROUND SPINDLE WASHER						
		PART NUMBER	DIMENSIONS			BOX QTY.	BOX WT.	
			A	B	C			
		FA-SW100	1.67"	1.00"	0.13"	1,000 pc.	50 lb.	
		FLAT D-WASHER						
		PART NUMBER	DIMENSIONS				BOX QTY.	BOX WT.
			A	B	C	D		
		FA-DW100	1.67"	1.00"	0.88"	0.13"	950 pc.	45 lb.
		SPINDLE NUTS						
		PART NUMBER	THREAD	DIMENSIONS			BOX QTY.	BOX WT.
				A	B	C		
		FA-SN100	1"-14 N.F.	1.46"	1.00"	0.55"	300 pc.	42 lb.
		COTTER PIN						
		PART NUMBER	SIZE	DIMENSIONS		BOX QTY.	BOX WT.	
				A				
		FA-CP175	1/8" x 2 1/8"	2.125"		2,000 pc.	12 lb.	
		STAINLESS STEEL WEAR RINGS						
		PART NUMBER	SPINDLE	DIMENSIONS			BOX QTY.	BOX WT.
				A	B	C		
		WR-SS125	BT	1.22"	1.07"	0.61"	1,000 pc.	10 lb.
		WR-SS138	BT	1.38"	1.16"	0.27"	1,000	10
		WR-SS150	BT	1.50"	1.20"	0.65"	1,000	10
		WR-SS175	#84	1.72"	1.39"	0.62"	1,000	12
		WR-SS213	#42	2.13"	1.85"	0.59"	500	6
		WR-SS225	#42	2.24"	1.87"	0.75"	500	7
		GREASE ZERK						
		PART NUMBER	SIZE	DIMENSIONS			BOX QTY.	BOX WT.
				A	B	C		
		FA-ZERK	1/4"- 28 TAPER	0.56"	0.26"	0.21"	5,000 pc.	32 lb.

• The specifications and dimensions above are for reference only.



DUST CAPS – RUBBER PLUG

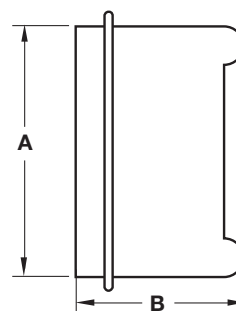
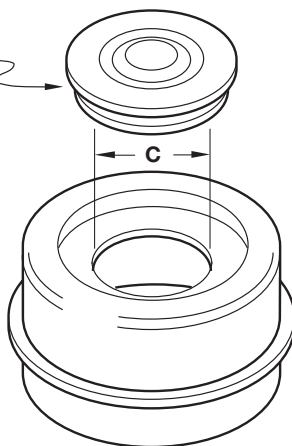
REGULAR DUST CAP



LUBED DUST CAP



Rubber
Lube Plug



PART NUMBER	DESCRIPTION	DIMENSIONS			REF. NO.	BOX QTY.	BOX WT.
		A	B	C			
DC-178	1 3/4" Dust Cap	1.78"	1.30"	N/A	N/A	500 pc.	44 lb.
DC-200	2" Dust Cap	1.99"	1.20"	N/A	21-3	550	42
DC-200L	2" Lubed Dust Cap	1.99"	1.40"	1.18"	21-41	440	40
DC-233	2 1/3" Dust Cap	2.33"	1.00"	N/A	N/A	500	49
DC-250	2 1/2" Dust Cap	2.45"	1.34"	N/A	21-1	360	44
DC-250L	2 1/2" Lubed Dust Cap	2.45"	1.52"	1.18"	21.42	290	38
DC-275	2 3/4" Dust Cap	2.72"	1.28"	N/A	21-39	430	69
DC-275L	2 3/4" Lubed Dust Cap	2.72"	1.52"	1.18"	21-43	230	37

DC-RP	Rubber Lube Plug fits 1.18" Lubed Dust Cap Hole	1.18"	N/A	3,000	43
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- Material: 22 gage, zinc coated steel except for part number DC-275 which is 16 gage.
- Bright chrome plate available. Minimum order quantities and longer lead time will apply.
- Stainless steel construction available. Minimum order quantities and longer lead time will apply.
- The specifications and dimensions above are for reference only.



TAPERED ROLLER BEARINGS



PART NUMBER	DESCRIPTION	CONE ID.	CUP OD.	BOX QTY.	BOX WT.	CASE QTY.	CASE WT.
L-44649	Cone	1.0625"	—	297 pc.	52 lb.	10,692 pc.	1,872 lb.
L-44643	Cone	1.0000"	—	297	59	10,692	2,124
L-44610	Cup	—	1.9800"	297	27	10,692	972
L-68149	Cone	1.3775"	—	184	47	6,624	1,692
L-68111	Cup	—	2.3612"	184	27	6,624	972
L-68110	Cup	—	2.3280"	184	25	6,624	900
LM-67048	Cone	1.2500"	—	184	49	6,624	1,764
LM-67010	Cup	—	2.3280"	184	25	6,624	900
25580	Cone	1.7500"	—	55	52	1,980	1,872
25520	Cup	—	3.2650"	55	26	1,980	936
15123	Cone	1.2500"	—	120	41	4,320	1,476
15245	Cup	—	2.4409"	120	23	4,320	828
*LM-11749	Cone	0.6875"	—	400	50	14,400	1,800
*LM-11710	Cup	—	1.5700"	450	42	16,200	1,512
LM-11949	Cone	0.7500"	—	360	65	12,960	2,365
LM-11910	Cup	—	1.7810"	360	36	12,960	1,320
*LM-12749	Cone	0.8656"	—	350	54	12,600	1,944
*LM-12710	Cup	—	1.7810"	380	40	13,680	1,440
*LM-12711	Cup	—	1.8100"	450	47	16,200	1,692
LM-48548	Cone	1.3750"	—	128	53	4,608	1,908
LM-48510	Cup	—	2.5625"	192	38	6,912	1,368
LM-501349	Cone	1.6250"	—	130	60	4,680	2,160
*LM-501310	Cup	—	2.8910"	150	39	5,400	1,404
*JL-69349	Cone	1.4961"	—	175	53	6,300	1,908
*JL-69310	Cup	—	2.4803"	192	32	6,912	1,152
14125A	Cone	1.2500"	—	108	40	3,888	1,440
14276	Cup	—	2.7170"	108	19	3,888	684
*HM-218248	Cone	3.5423"	—	10	40	360	1,440
*HM-218210	Cup	—	5.7864"	10	20	360	720
*HM-212049	Cone	2.6250"	—	14	45	504	1,620
*HM-212011	Cup	—	4.8125"	24	34	864	1,224
28580	Cone	2.0000"	—	55	52	1,980	1,872
*28520	Cup	—	3.5425"	55	26	1,980	936
28521	Cup	—	3.6250"	55	26	1,980	936
02475	Cone	1.2500"	—	80	40	2,880	1,440
02420	Cup	—	2.6875"	160	54	5,760	1,940
JM-205149	Cone	1.9685"	—	55	52	1,980	1,872
JM-205110	Cup	—	3.5433"	55	26	1,980	936
JM-511946	Cone	2.5591"	—	16	52	576	1,872
JM-511910	Cup	—	4.3307"	24	34	864	1,224

- Other tapered roller bearings are available upon request.
- The specifications and dimensions above are for reference only.
- * Non-stock items. Minimum order quantities and longer lead time will apply.

GREASE SEALS

DOUBLE LIP SEALS



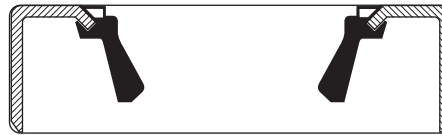
PART NUMBER	SHAFT DIAMETER	BORE DIAMETER	SEAL OD.	SEAL WIDTH	SPINDLE	REF. NUMBER	BOX QTY.	BOX WT.
GS-1250DL	1.250"	1.979"	1.983"	0.250"	BT8	12192TB	1,680 pc.	66 lb.
GS-1500DL	1.500"	1.983"	1.987"	0.250"	BT16	15192TB	1,680	54
GS-1687DL	1.687"	2.561"	2.565"	0.500"	#84	168255TB	360	40
GS-1719DL	1.720"	2.561"	2.565"	0.500"	#84	171255TB	480	39
GS-2125DL	2.125"	3.372"	3.376"	0.313"	#42	21333TB	300	28
GS-2250DL	2.250"	3.371"	3.376"	0.375"	#42	22333TB	300	31

DOUBLE LIP RUBBER COATED SEALS



PART NUMBER	SHAFT DIAMETER	BORE DIAMETER	SEAL OD.	SEAL WIDTH	SPINDLE	REF. NUMBER	BOX QTY.	BOX WT.
GS-1250DLR	1.250"	1.979"	1.986"	0.406"	BT8	12194TC	1,680 pc.	66 lb.
GS-1500DLR	1.500"	1.983"	1.990"	0.250"	BT16	15192TC	1,680	54
*GS-1687DLR	1.687"	2.561"	2.568"	0.500"	#84	168255TC	360	40
GS-1719DLR	1.719"	2.561"	2.568"	0.500"	#84	171255TC	480	39
GS-2125DLR	2.125"	3.371"	3.378"	0.375"	#42	21333TC	300	28
GS-2250DLR	2.230"	3.372"	3.378"	0.375"	#42	22333TC	300	31

SINGLE LIP SEALS



PART NUMBER	SHAFT DIAMETER	BORE DIAMETER	SEAL OD.	SEAL WIDTH	SPINDLE	REF. NUMBER	BOX QTY.	BOX WT.
*GS-1250SL	1.250"	1.979"	1.983"	0.250"	BT8	12192VB	1,680 pc	47 lb.
*GS-1500SL	1.500"	1.983"	1.987"	0.188"	BT16	15191VB	1,680	32
*GS-1719SL	1.720"	2.561"	2.565"	0.500"	#84	171255VB	480	34
*GS-1938SL	1.938"	2.506"	2.510"	0.281"	M/H	193502VB	600	34
*GS-2125SL	2.125"	3.372"	3.377"	0.375"	#42	21333VB	300	31
*GS-2250SL	2.250"	3.371"	3.376"	0.375"	#42	22333VB	300	30

- Material: Rubber = Nitrile Buna - 70 durometer compound.
- All Double Lip Seals are spring loaded.
- The specifications and dimensions above are for reference only.
- * Non-stock items. Minimum order quantities and longer lead time will apply.



PART NUMBER	DESCRIPTION				UNIT WT.	CASE QTY.	CASE WT.
	CAPACITY	BOLT DIA.	INNER RACE	OUTER RACE			
RVD-U-5450	1,750 lb.	5 on 4.50"	L-68111	L-44610	21.10 lb.	95 pc.	2,100 lb.
RVD-U-5475	1,750	5 on 4.75"	L-68111	L-44610	21.10	95	2,100
RVD-U-5500	1,750	5 on 5.00"	L-68111	L-44610	21.10	95	2,100
RVD-U-5550	1,750	5 on 5.50"	L-68111	L-44610	21.10	95	2,100
RVD-U-6550	1,750	6 on 5.50"	L-68111	L-44610	22.00	95	2,190
RVD-H-655	3,000	6 on 5.50"	25520	15245	31.70	63	2,100
RVD-H-865	3,500	8 on 6.50"	25520	14276	37.00	54	2,100
RVD-H-865-916	3,500	8 on 6.50"	25520	14276	37.00	54	2,100

- Studs are 1/2" - 20 with yellow finished zinc plating. (RVD-H-865-916 studs are 9/16"-18)
- Manufactured to automotive standards in ISO/TS-16949 registered factory.
- Fully integrated casting, machining, painting, and assembly operations.
- Mechanical die compression for superior sand compression.
- ASTM test bar method used to monitor tensile strength.
- Inspected 100% before painting including the races for proper seating.
- Drums are chemically cleaned and painted black in electrostatic booth.
- The specifications and dimensions above are for reference only.



IDLER HUBS



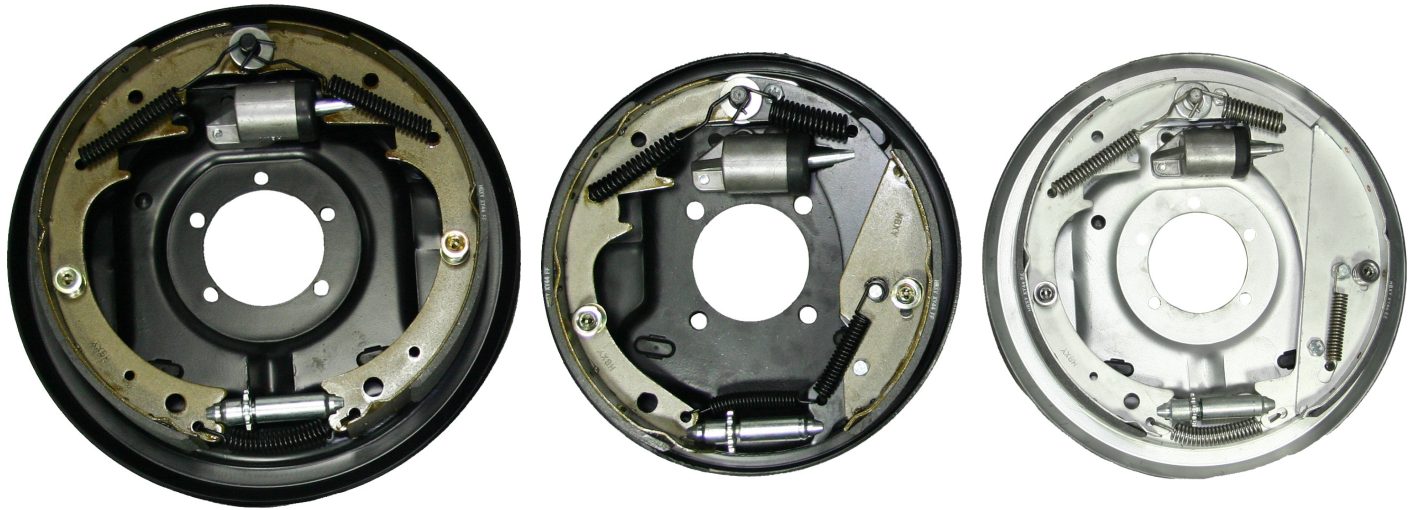
PART NUMBER	DESCRIPTION				UNIT WT.	CASE QTY.	CASE WT.
	CAPACITY	BOLT DIA.	INNER RACE	OUTER RACE			
RVI-BT-4400	1,000 lb.	4 on 4.00"	L-44610	L-44610	6.48 lb.	504 pc.	3,265 lb.
RVI-BT-5450	1,250	5 on 4.50"	L-44610	L-44610	6.43	680	4,370
RVI-U-5450	1,750	5 on 4.50"	L-68111	L-44610	7.23	544	4,380
RVI-U-5475	1,750	5 on 4.75"	L-68111	L-44610	7.23	512	3,695
RVI-U-5500	1,750	5 on 5.00"	L-68111	L-44610	7.23	512	3,695
RVI-U-5550	1,750	5 on 5.50"	L-68111	L-44610	9.45	448	4,235
RVI-U-6550	1,750	6 on 5.50"	L-68111	L-44610	9.60	324	3,110
RVI-H-655	3,000	6 on 5.50"	25520	15245	13.74	315	4,326
RVI-H-865	3,500	8 on 6.50"	25520	14276	17.03	200	3,405
RVI-H-865-916	3,500	8 on 6.50"	25520	14276	17.03	200	3,405



- All studs are 1/2" - 20 with yellow finished zinc plating. (RVI-H-865-916 studs are 9/16"-18)
- Manufactured to automotive standards in ISO/TS-16949 registered factory.
- Fully integrated casting, machining, painting, and assembly operations.
- Mechanical die compression for superior sand compression.
- ASTM test bar method used to monitor tensile strength.
- Inspected 100% before painting including the races for proper seating.
- Hubs are chemically cleaned and painted black in electrostatic booth.
- The specifications and dimensions above are for reference only.



HYDRAULIC BRAKES



FEATURES

- Aluminum wheel cylinders
- Stainless steel springs
- Available in 10" and 12" sizes
- Dacromet: inorganic zinc rich coating to protect from rust

BRAKES AVAILABLE

10"x 2 1/4"	<i>Uni-Servo</i>
10"x 2 1/4"	<i>Free Backing</i>
12" x 2"	<i>Uni-Servo</i>
12" x 2"	<i>Free Backing</i>

PART NUMBER	DESCRIPTION	UNIT WT.	CASE QTY.	CASE WT.
BK-40715/40716	RH/LH, 10" Free Backing, E-coat	9.59 lb.	156 pc.	1,602 lb.
BK-40715X/40716X	RH/LH, 10" Free Backing, Dacromet	9.59	156	1,602
BK-42028/42029	RH/LH, 12" Free Backing, E-coat	14.66	117	1,822
BK-42028X/42029X	RH/LH, 12" Free Backing, Dacromet	14.66	117	1,822
BK-18787/18788	RH/LH, 10" Uni-Servo, E-coat	8.49	156	1,430
BK-23510/23511	RH/LH, 12" Uni-Servo, E-coat	13.34	117	1,666

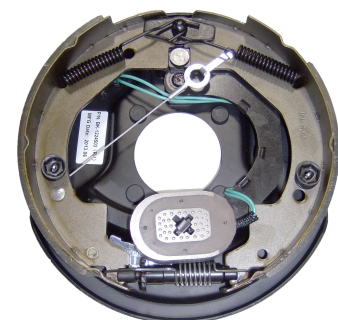
- Dacromet coating is only available in free backing brakes.
- The specifications and dimensions above are for reference only.
- * Individually boxed brakes are available; add a P to the end of the part number.



10" x 2 1/4"



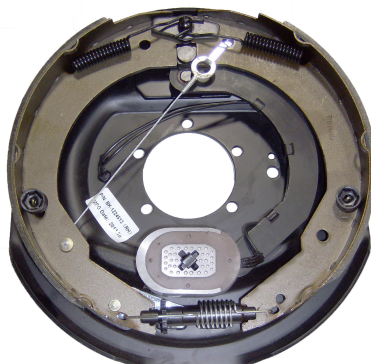
Self-Adjusting



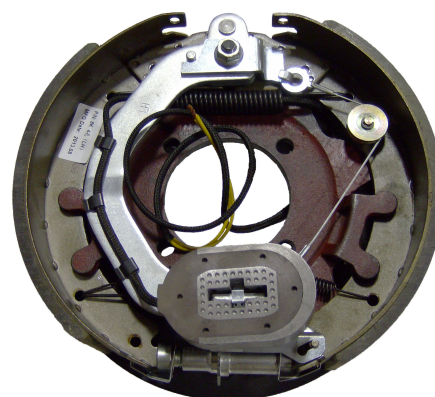
12" x 2"



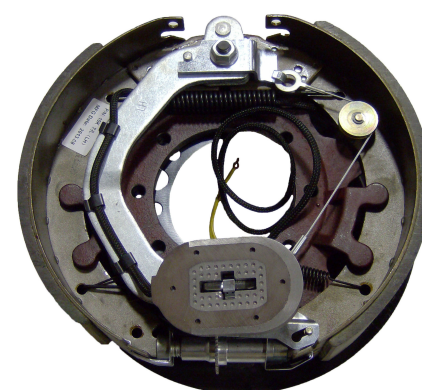
Self-Adjusting



8K, 12 1/4" x 3 3/8"



10K, 12 1/4" x 3 3/8"



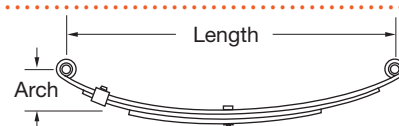
PART NUMBER	DESCRIPTION	UNIT WT.	CASE QTY.	CASE WT.
BK-7E-01/02	LH/RH, 7"x 1 1/4" Assembly	4.10 lb.	420 pc.	1,822 lb.
BK-10E-01/02 *	LH/RH, 10"x 2 1/4" Assembly	9.60	168	1,637
BK-10E-01SA/02SA	LH/RH, 10"x 2 1/4" Self-Adjusting Assembly	9.88	168	1,732
BK-12E-01/02 *	LH/RH, 12"x 2" Assembly	14.80	126	2,000
BK-12E-01SA/02SA	LH/RH, 12"x 2" Self-Adjusting Assembly	14.75	126	1,936
BK-8KE-01/02	LH/RH, 8K, 12 1/4"x 3 3/8", Self-Adjusting Assembly	18.56	81	1,553
BK-10KE-01/02	LH/RH, 10K, 12 1/4"x 3 3/8", Self-Adjusting Assembly	18.50	81	1,547

- ***Recognized as a component for assembly with the complete running gear as described in QAI listing REC625-1**
- SAE rated friction material
- Manufactured to automotive standards in ISO/TS-16949 registered factory.
- Magnets tested 100% for pull force and conductivity.
- Fully integrated manufacturing and assembly operations.
- Detailed control plans utilized in manufacturing.
- The specifications and dimensions above are for reference only.
- * Available with long lead wire; call for availability and pricing.
- * Individually boxed brakes are available; add a P to the end of the part number.



LEAF SPRINGS

DOUBLE EYE – 1³/₄" WIDE



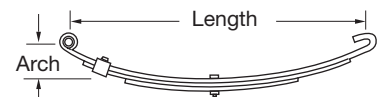
PART NUMBER	NUMBER OF LEAVES	FREE LENGTH	FREE ARCH	CAPACITY PER SPRING	WEIGHT EACH	SKID QTY.	SKID WT.	REFERENCE NUMBERS
DE-041M	3	20.00"	3.25"	1,500 lb.	9.40 lb.	200 pc.	1,878 lb.	
DE-7216	3	20.31	3.38	700	6.10	200	1,220	UNA-168, DX-720
DE-7217	3	20.38	3.18	1,000	7.00	200	1,400	UNA-169, X1020
DE-7213	4	20.50	3.38	1,400	9.30	200	1,860	UNA-167
DE-726	3	23.13	3.63	1,250	9.10	200	1,820	UNA-135
DE-729	3	23.13	3.50	1,750	11.00	200	2,200	UNA-216, 1724-3L
DE-7218	4	23.13	3.50	2,000	12.40	200	2,480	UNA-170, WAH-4
DE-113	3	23.50	3.50	1,000	9.30	200	1,860	UNA-113, 545-3L
DE-114	4	23.50	3.50	1,400	10.70	200	2,134	UNA-114, 545-4L
DE-7227	6	24.88	3.38	3,500	18.30	150	2,738	UNA-222, 1769
DE-7222	3	25.25	3.18	1,250	9.60	200	1,920	UNA-219, SW3B
DE-7242	4	25.25	3.00	1,750	11.70	200	2,348	UNA-212, SW4B SW4B,
DE-SW4B	4	25.25	3.00	1,750	11.70	200	2,340	93184
DE-7226	4	25.13	3.13	3,000	15.40	200	3,080	UNA-221
DE-7223	3	25.25	3.00	1,500	11.00	200	2,200	UNA-217
DE-7224	3	25.25	3.00	2,000	12.30	200	2,458	UNA-220, 1762, SW3
DE-7225	4	25.25	3.00	2,500	15.10	200	3,014	UNA-218, 1763, SW4
DE-1764	5	25.25	3.00	2,900	17.00	125	2,125	UNA-111, 1764, SW5
DE-SW3	3	25.25	3.00	1,750	11.70	200	2,340	UNA-220, 1762, 72-24
DE-SW4	4	25.25	3.00	2,500	13.80	200	2,760	UNA-218, 1763, 72-25
DE-SW5	5	25.25	3.00	2,950	16.30	125	2,038	UNA-111, 1764
DE-SW6	6	25.25	3.00	3,500	19.10	125	2,388	UNA-223, SW6
DE-26350	2	26.00	4.13	350	7.00	200	1,400	UNA-121, 26-350, AS2
DE-26500	3	26.00	4.12	500	9.10	200	1,820	UNA-122, 25-500, AS3
DE-261000	4	26.00	4.12	1,000	11.10	200	2,220	UNA-124, 26-1000,
DE-AWS2	2	26.00	4.25	1,000	9.90	200	1,972	AS4 UNA-049, AWS2
DE-AWS3	3	26.00	4.25	1,500	12.00	200	2,394	UNA-050, AWS3
DE-AWS4	4	26.00	4.25	2,000	14.00	200	2,798	UNA-051, AWS4
DE-AWS5	5	26.00	4.25	2,500	17.10	125	2,134	UNA-052, AWS5
DE-AWS6	6	26.00	4.25	3,000	20.30	125	2,538	UNA-053, AWS6
DE-AWS7	7	26.00	4.25	3,500	23.40	130	3,043	UNA-054, AWS7
DE-AWS8	8	26.00	4.25	4,000	27.20	125	3,400	UNA-055, AWS8
DE-33611	3	27.00	3.50	750	9.10	200	1,820	UNA-144, 15327
DE-33612	3	27.00	2.88	1,000	10.10	200	2,022	UNA-141, 20327
DE-33613	4	27.00	2.88	2,100	14.00	200	2,800	UNA-210, 35427
DE-33617	6	27.00	3.25	3,000	22.30	125	2,788	UNA-142, 60627
DE-45527	5	27.00	2.75	2,250	17.30	125	2,158	UNA-234, 45527

SLIPPER FLAT – 1³/₄" WIDE



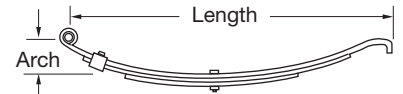
PART NUMBER	NUMBER OF LEAVES	FREE LENGTH	FREE ARCH	CAPACITY PER SPRING	WEIGHT EACH	SKID QTY.	SKID WT.	REFERENCE NUMBERS
SF-047	3	24.50"	4.12"	1,675 lb.	11.00 lb.	200 pc.	2,200 lb.	UNA-047
SF-013	2	25.12	5.00	500	5.80	250	1,450	UNA-013
SF-014	3	25.12	5.00	750	7.90	250	1,975	UNA-014
SF-015	4	25.12	5.00	1,000	9.50	250	2,375	UNA-015
SF-432110	2	30.00	4.88	950	10.10	200	2,020	UNA-038, WD-2
SF-433115	3	30.00	4.88	1,500	12.50	500	6,250	UNA-039, WF-3
SF-434117	4	30.00	4.88	2,000	12.20	200	2,440	UNA-040, WG-4
SF-434118	5	30.00	4.88	2,400	18.30	150	2,745	UNA-040N, WG-5

SLIPPER OPEN – 1¾" WIDE



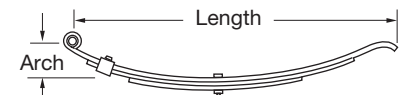
PART NUMBER	NUMBER OF LEAVES	FREE LENGTH	FREE ARCH	CAPACITY PER SPRING	WEIGHT EACH	SKID QTY.	SKID WT.	REFERENCE NUMBERS
SO-C1	2	26.25	3.50	800	8.30 lb.	250 pc.	2,075 lb.	UNA-261, C1
SO-C2	3	26.25	3.50	1,300	10.70	200	2,140	UNA-262, C-2
SO-C3	3	26.25	3.50	1,750	12.10	200	2,428	UNA-263, C-3
SO-C4	4	26.25	3.50	2,350	14.90	200	2,974	UNA-264, C-4
SO-C5	5	26.25	3.50	2,850	17.40	150	2,613	UNA-265, C-5
SO-C6	6	26.25	3.50	3,500	21.30	125	2,661	UNA-211, C-6
SO-C21.03	3	26.25	3.50	1,300	10.70	200	2,140	C-2
SO-C31.03	3	26.25	3.50	1,750	12.10	200	2,428	C-3
SO-C41.03	4	26.25	3.50	2,350	14.90	200	2,974	C-4
SO-C51.03	5	26.25	3.50	2,850	17.40	150	2,613	C-5
SO-C61.03	6	26.25	3.50	3,500	21.30	125	2,661	C-6

SLIPPER HOOK – 2" WIDE



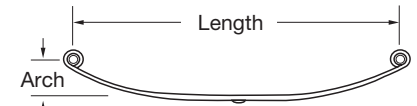
PART NUMBER	NUMBER OF LEAVES	FREE LENGTH	FREE ARCH	CAPACITY PER SPRING	WEIGHT EACH	SKID QTY.	SKID WT.	REFERENCE NUMBERS
SH-7229	4	26.50"	3.18"	1,500 lb.	15.80 lb.	150 pc.	2,366 lb.	UNA-229, 60-3T3
SH-7230	4	26.50	3.00	2,000	16.40	150	2,460	UNA-230, 80-3T3
SH-7231	4	26.50	3.06	2,500	17.60	150	2,640	UNA-231, 100-3T3
SH-7232	5	26.50	3.18	3,500	20.40	125	2,550	UNA-232, 120-3T3
SH-7232RB	5	26.50	3.18	3,500	20.50	125	2,563	120-3T3 RB
SH-7233	7	26.50	3.00	4,000	27.00	125	3,375	UNA-233, 140-3T3
SH-E5226	5	26.50	3.50	3,400	20.50	125	2,563	UNA-160, 5226
SH-E5115	6	29.50	3.50	4,300	28.70	100	2,870	UNA-161, 5115

SLIPPER RADIUS – 1¾" WIDE



PART NUMBER	NUMBER OF LEAVES	FREE LENGTH	FREE ARCH	CAPACITY PER SPRING	WEIGHT EACH	SKID QTY.	SKID WT.	REFERENCE NUMBERS
SR-WC1	1	24.62"	4.50"	280 lb.	4.20 lb.	250 pc.	1,050 lb.	UNA-176, WC-1
SR-WC2	2	24.62	4.50	550	5.40	250	1,350	UNA-177, WC-2
SR-WE3	3	24.62	4.50	750	7.80	200	1,558	UNA-178, WE-3
SR-WH4	4	24.62	4.50	1,000	9.00	200	1,800	UNA-179, WH-4
SR-WI5	5	24.62	4.50	1,200	12.10	200	2,420	UNA-180, WI-5
SR-028	2	32.00	4.25	600	7.80	200	1,558	UNA-028
SR-034	3	32.00	4.25	800	10.90	200	2,180	UNA-034
SR-024	4	32.00	4.25	1,100	12.40	200	2,480	UNA-024
SR-029	5	32.00	4.25	1,400	14.40	200	2,920	UNA-029
SR-029N	6	32.00	4.25	1,750	18.30	150	2,745	UNA-029N

MOBILE HOME – 1¾" WIDE



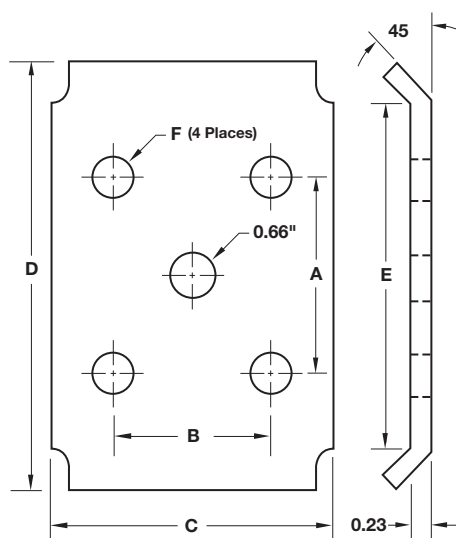
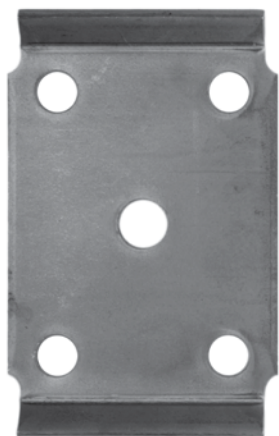
PART NUMBER	NUMBER OF LEAVES	FREE LENGTH	FREE ARCH	CAPACITY PER SPRING	BUSHING ID.	WEIGHT EACH	SKID QTY.	SKID WT.	REFERENCE NUMBERS
DE-7240	1	25.25"	3.00"	3,000 lb.	0.590" Eye	8.70 lb.	440 pc.	3,826 lb.	UNA-115, 72-40, TE-30

- Nylon bushings, brass bushings and rubber bushings are available upon request.
- Bushing ID: Standard = Nylon 0.562", RB = Rubber 0.625", 1.03 = No bushing 1.031"

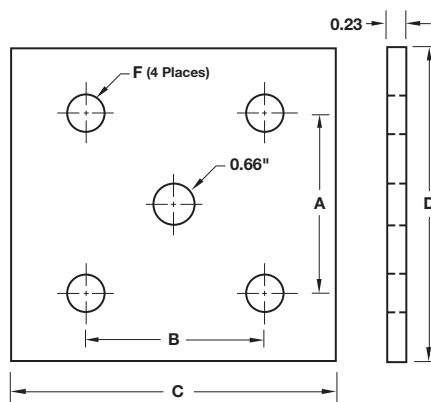
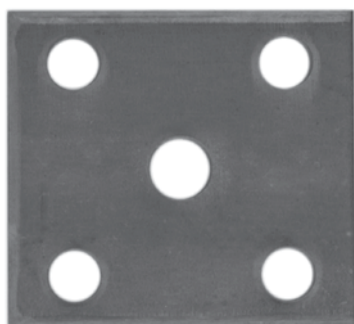
* All specifications given are for reference only. Spring mounting will affect actual capacity. The capacity given above is the maximum rating per spring.



U-BOLT TIE PLATES



Type 1



Type 2

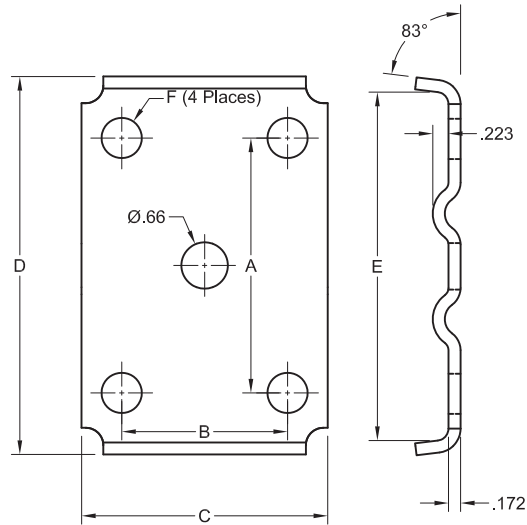
PART NUMBER	TYPE	TUBE DIA.	SPRING WIDTH	DIMENSIONS						REF. NO.	CASE QTY.	CASE WT.
				A	B	C	D	E	F			
TP-175173	2	1.75"	1.75"	2.19"	2.19"	3.75"	3.50"	N/A	0.41"	TP-7	1,000 pc.	840 lb.
TP-175175	2	1.75	1.75	2.31	2.31	3.75	3.50	N/A	0.56	12-14	1,000	840
TP-200175	1	2.00	1.75	2.63	2.38	4.00	5.92	4.80	0.62	—	1,000	1,320
TP-200175-T2	2	2.00	1.75	2.63	2.38	3.50	3.50	N/A	0.56	—	1,000	730
*TP-200175-56	1	2.00	1.75	2.63	2.38	3.50	5.92	4.80	0.56	—	1,000	1,320
TP-238175	1	2.38	1.75	2.94	2.31	3.75	5.92	4.80	0.56	12-3	1,000	1,460
TP-238200	1	2.38	2.00	2.94	2.56	4.00	5.92	4.80	0.56	12-4	1,000	1,560
TP-300175	1	3.00	1.75	3.62	2.38	3.75	5.92	4.80	0.56	12-1	1,000	1,450
TP-300200	1	3.00	2.00	3.56	2.59	4.00	5.92	4.80	0.56	12-2	1,000	1,560
TP-300209	1	3.00	2.00	3.56	2.59	4.00	5.92	4.80	0.62	21-12-2	1,000	1,550
*TP-350200	1	3.50	2.00	4.13	2.63	4.00	7.00	5.69	0.69	—	1,000	2,870

- Material: High quality pickled and oiled structural steel per ASTM specifications.
- Available galvanized and with clear or yellow chromate on zinc, call for availability and pricing.
- The specifications and dimensions above are for reference only.

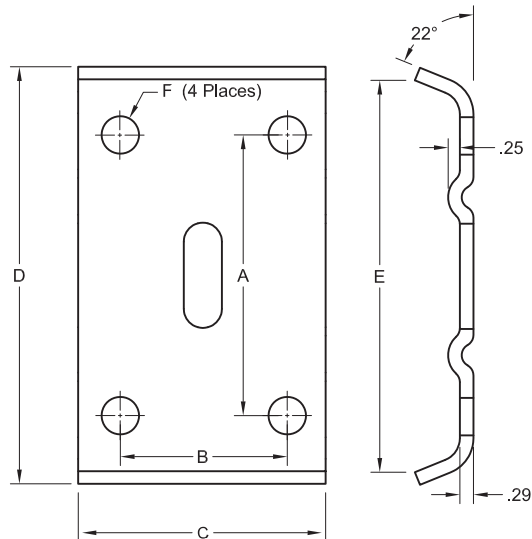
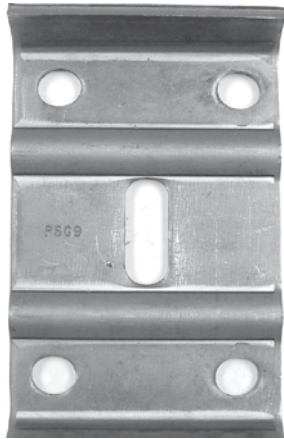
* Non-stock items. Minimum order quantities and longer lead time will apply.



U-BOLT TIE PLATES (cont.)



Type 3



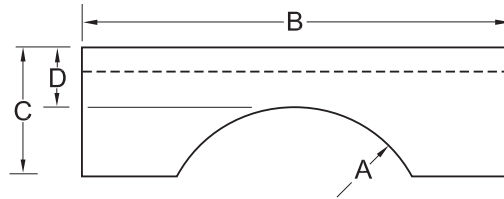
Type 4

PART NUMBER	TYPE	TUBE DIA.	SPRING WIDTH	DIMENSIONS						REF. NO.	CASE QTY.	CASE WT.
				A	B	C	D	E	F			
*TP-238175-50R	3	2.38"	1.75"	2.88"	2.25"	3.50"	4.75"	N/A	0.50"	—	2,000 pc.	2,420 lb.
TP-238175R	3	2.38	1.75	2.94	2.31	3.75	4.75	N/A	0.56	—	2,000	2,200
*TP-238200R	3	2.38	2.00	2.88	2.50	3.75	4.75	N/A	0.50	—	1,000	1,100
TP-300175R	3	3.00	1.75	3.62	2.35	3.50	5.37	N/A	0.56	—	2,000	2,200
*TP-300200-56R	3	3.00	2.00	3.62	2.60	3.75	5.37	N/A	0.56	—	2,000	2,400
*TP-500250R	4	5.00	2.50	5.77	3.25	5.00	9.00	N/A	0.69	12-49	250	1,000
*TP-500300R	4	5.00	3.00	5.75	3.88	6.00	9.00	N/A	0.69	12-53	200	1,180
*TP-500300-81R	4	5.00	3.00	5.87	3.88	6.00	9.00	N/A	0.81	12-46	200	1,100
*TP-513250R	4	5.13	2.50	5.94	3.38	5.00	9.00	N/A	0.81	—	250	1,000

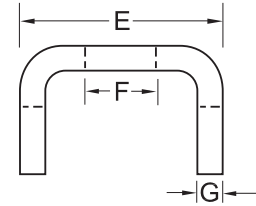
- Material: High quality, HSLA pickled and oiled structural steel per ASTM specifications.
 - Available galvanized and with clear or yellow chromate on zinc, call for availability and pricing.
 - The specifications and dimensions above are for reference only.
- * Non-stock items. Minimum order quantities and longer lead time will apply.



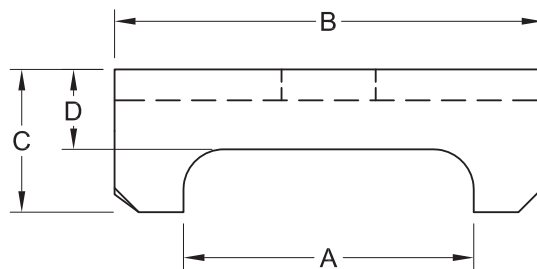
Round Tube



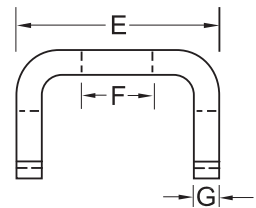
Type 1



Square/Rectangular Tube

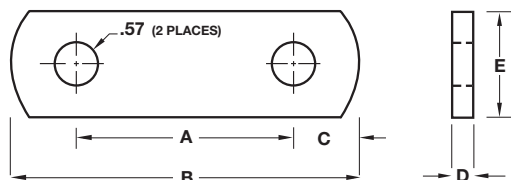


Type 2



PART NUMBER	TYPE	TUBE DIA.	DIMENSIONS							REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
			A	B	C	D	E	F	G				
SS-175	1	1.75"	0.88"	2.25"	0.94"	0.53"	1.85"	0.67"	0.22"	3-23	0.38 lb.	2,000 pc.	745 lb.
SS-238	1	2.38	1.19	4.00	1.20	0.56	1.85	0.67	0.22	3-8	0.77	2,000	1,600
SS-300	1	3.00	1.51	4.00	1.20	0.56	1.85	0.67	0.22	3-1	0.74	1,000	770
SS-350	1	3.50	1.76	4.00	1.20	0.56	1.85	0.67	0.22	90316	0.75	500	400
*SS-500	1	5.00	2.54	6.00	1.60	0.78	2.50	0.88	0.38	N/A	2.14	500	1,100
*SS-200	2	2.00	2.03	3.00	0.94	0.53	1.85	0.67	0.22	N/A	0.45	2,000	920

- Material: High quality pickled and oiled structural steel per ASTM specifications.
- The specifications and dimensions above are for reference only.
- * Non-stock items. Minimum order quantities and longer lead time will apply.



All shackle links are available with shackle bolts pressed in. Add "B" to end of shackle link part number.

PART NUMBER	DIMENSIONS					REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
	A	B	C	D	E				
SL-200	2.00"	3.25"	0.63"	0.22"	1.25"	18-11	0.230 lb.	2,000 pc.	490 lb.
SL-225	2.25	3.50	0.63	0.22	1.25	115841D	0.235	2,000	500
*SL-250	2.50	3.78	0.63	0.22	1.25	—	0.240	2,000	510
SL-256	2.56	3.81	0.63	0.22	1.25	18-115	0.240	2,000	510
*SL-263	2.63	3.90	0.63	0.22	1.25	—	0.261	2,000	552
SL-275	2.75	4.00	0.63	0.22	1.25	N/A	0.264	2,000	558
SL-313	3.13	4.38	0.63	0.22	1.25	18-12	0.285	2,000	600
SL-350	3.50	4.75	0.63	0.22	1.25	18-3.5	0.314	6,000	1,974
*SL-363	3.63	4.90	0.63	0.22	1.25	—	0.263	2,000	556
*SL-425	4.25	5.53	0.63	0.22	1.25	—	0.335	2,000	700
*SL-475	4.75	6.03	0.63	0.22	1.25	—	0.405	2,000	840
*SL-225-150	2.25	3.53	0.63	0.25	1.50	—	0.420	2,000	870
SL-250-150	2.50	3.78	0.63	0.25	1.50	—	0.440	2,000	910
SL-275-150	2.75	4.03	0.63	0.25	1.50	—	0.470	2,000	970
SL-313-150	3.13	4.40	0.63	0.22	1.50	—	0.340	2,000	710
*SL-375-150	3.75	5.03	0.63	0.25	1.50	—	0.580	2,000	1,190
SL-400-150	4.00	5.28	0.63	0.22	1.50	—	0.445	2,000	920
SL-450-150	4.50	5.78	0.63	0.22	1.50	—	0.470	2,000	500
*SL-525-150	5.25	6.53	0.63	0.25	1.50	—	0.740	2,000	1,510
*SL-556-150	5.56	6.84	0.63	0.25	1.50	—	0.780	2,000	1,590

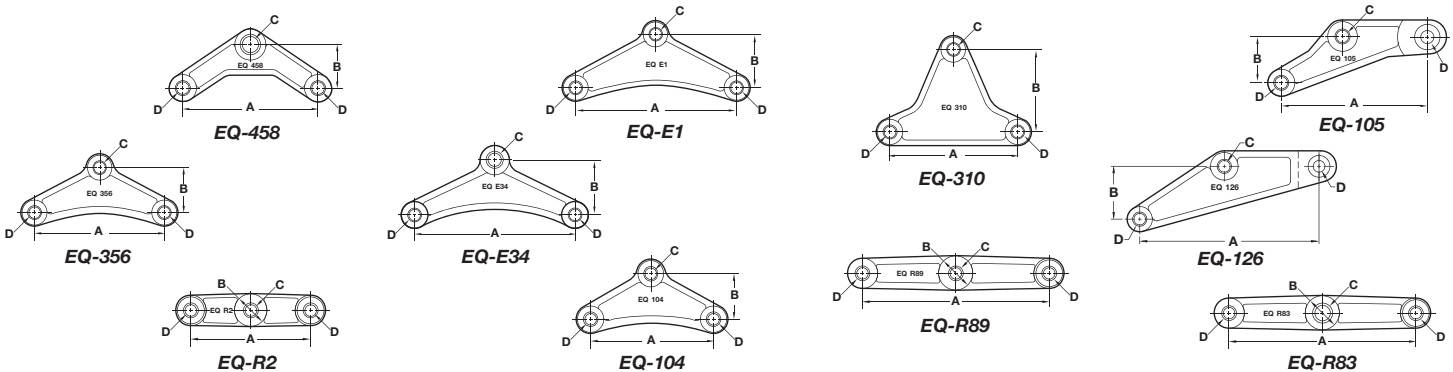
- Material: High quality pickled and oiled structural steel per ASTM specifications.
- Shackle Links available with clear or yellow chromate on zinc plate and galvanized, call for availability and pricing.
- The specifications and dimensions above are for reference only.

* Non-stock items. Minimum order quantities and longer lead time will apply.



CAST EQUALIZERS

All cast equalizers are manufactured from ductile iron. Equalizers are manufactured to industry standards and come finished in black paint.



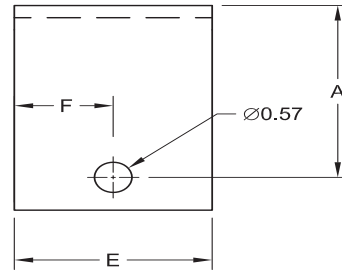
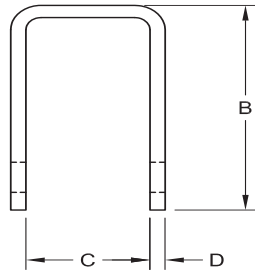
PART NUMBER	DIMENSIONS				UNIT WT.	CASE QTY.	CASE WT.
	A	B	C	D			
EQ-R2	5.50"	1.50"	0.563"	0.563"	2.65 lb.	250 pc.	715 lb.
*EQ-310	6.06	4.00	0.563	0.563	2.85	630	1,900
*EQ-104	5.75	2.00	0.563	0.563	1.95	1,000	2,000
*EQ-356	6.13	2.50	0.563	0.563	2.25	1,000	2,320
EQ-458	6.25	2.00	0.750	0.563	2.35	900	2,225
EQ-105	6.75	2.00	0.563	0.563	3.45	576	2,090
EQ-126	9.06	3.00	0.563	0.563	3.90	300	1,240
*EQ-E1	7.75	2.88	0.563	0.563	2.75	700	2,000
EQ-E34	7.75	2.88	0.750	0.563	3.45	700	2,520
EQ-R83	8.00	1.75	0.750	0.563	3.30	200	690
EQ-R89	8.00	1.75	0.563	0.563	3.35	200	700

• The specifications and dimensions above are for reference only.

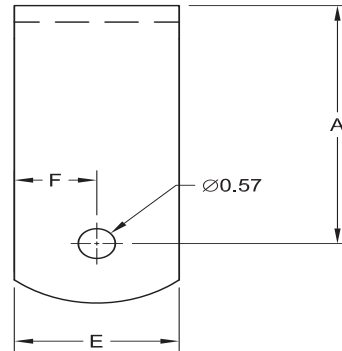
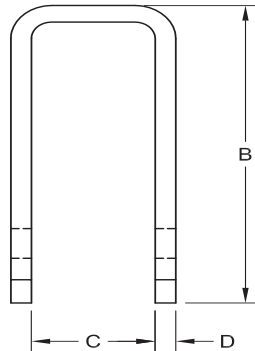
* Also available galvanized, call for availability and pricing.



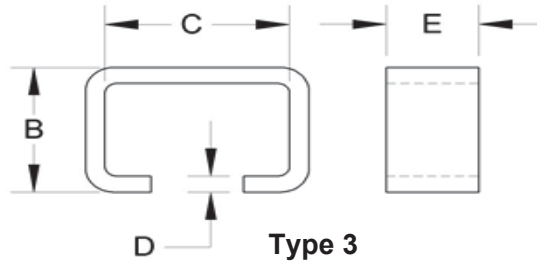
SPRING HANGERS – 1 3/4" WIDE SPRINGS



Type 1



Type 2



Type 3

PART NUMBER	DIMENSIONS							REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
	TYPE	A	B	C	D	E	F				
HG-100	1	1.13"	2.13"	1.44"	0.23"	1.50"	0.75"	—	0.41 lb.	1,000 pc.	407 lb.
HG-112	1	1.12	2.13	1.30	0.23	3.00	1.50	93003X	1.20	2,000	2,400
HG-144	1	1.44	2.06	1.88	0.23	3.00	1.50	28-6	0.67	2,000	1,340
HG-200	1	2.00	2.63	1.88	0.23	3.00	1.50	29-8	1.21	1,000	1,205
HG-246	1	2.46	3.09	1.88	0.23	3.00	1.50	28-3	1.37	750	1,027
HG-325	1	3.25	3.87	1.88	0.23	3.00	1.50	28-5	1.66	1,500	2,490
HG-425	1	4.25	4.87	1.88	0.23	3.00	1.50	28-4	2.18	500	1,080
*HG-538	1	5.38	6.19	1.88	0.38	3.00	1.50	—	4.53	500	2,265
*HG-194	2	1.94	2.81	1.88	0.22	2.50	1.25	—	0.77	1,000	770
*HG-350	2	3.50	4.38	1.88	0.22	2.50	1.25	—	1.39	750	1,040
*HG-475	2	4.75	5.63	1.88	0.30	2.50	1.25	—	2.52	500	1,260
HG-SS	3	N/A	1.21	2.00	0.21	1.00	N/A	4104-4	0.28	2,000	561

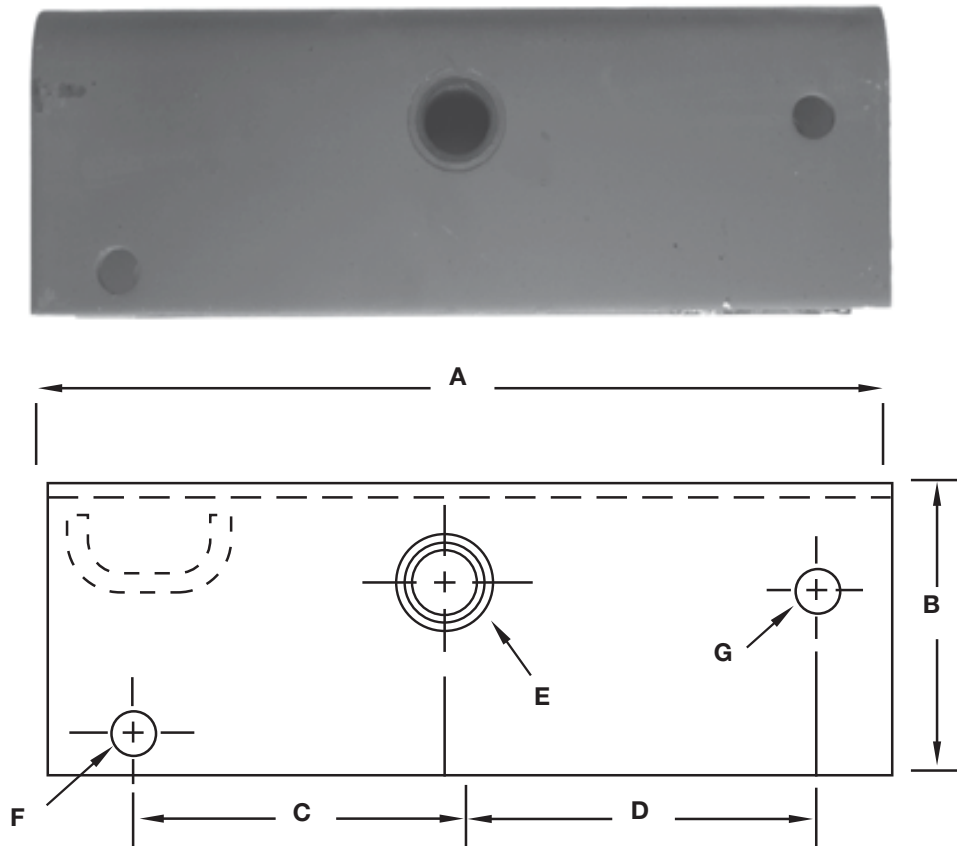


- Material: High quality pickled and oiled structural steel per ASTM specifications.
- Other spring hangers are available upon request.
- The specifications and dimensions above are for reference only.
- * Non-stock item. Minimum order quantities and longer lead time will apply.



STEEL FABRICATED EQUALIZERS – 2" WIDE SPRINGS

The following steel fabricated equalizers are designed for the use of 2" wide slipper springs in a tandem or triple axle application. The equalizers are made to industry standards.



NOTE: Center bushing for EQ-5541 and EQ-4541 utilize .88" ID. nylon bushing encased in a 1.31" OD. x 1.06" ID. steel tube.

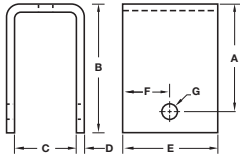
PART NUMBER	DIMENSIONS								REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
	A	B	C	D	E	F	G	t				
EQ-1304	11.00"	3.50"	5.19"	4.63"	0.88"	0.44"	0.56"	0.22"	13-4	6.60 lb.	144 pc.	950 lb.
*EQ-5541	12.00	4.00	4.44	4.75	0.88	0.56	0.56	0.31	5541	9.80	126	1,235
EQ-1344	13.00	3.50	5.94	5.50	0.88	0.44	0.56	0.22	13-44-1	7.78	144	1,120
EQ-4541	12.00	4.00	4.44	4.75	0.88	0.56	0.56	0.24	4541	8.20	126	1,035

- Material: High quality hot rolled structural steel.
- All equalizers use a .88" equalizer bolt.
- Dimension "t" equals thickness of material.
- EQ-1304 and EQ-1344 not supplied with nylon bushing.
- The specifications and dimensions above are for reference only.
- * *Non-stock items. Minimum order quantities and longer lead time will apply.*

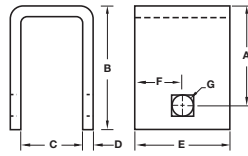


SPRING HANGERS – 2" WIDE SPRINGS

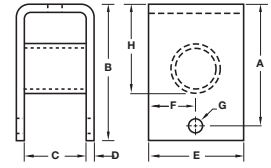
STANDARD DUTY



HG-281-F / HG-2891-F

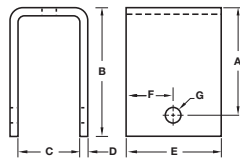


HG-291-C / HG-2951-C

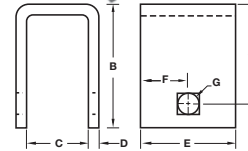


HG-3028-R / HG-3061-R

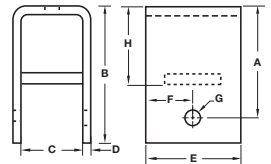
HEAVY DUTY



HG-15844-F / HG-15843-F



HG-15864-C / HG-15863-C



HG-15854-R / HG-15853-R

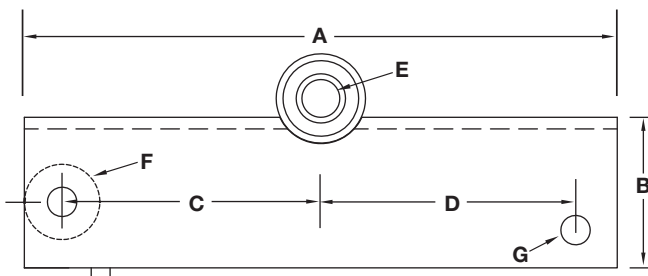
PART NUMBER	DIMENSIONS								REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
	A	B	C	D	E	F	G	H				
HG-281-F	4.25"	4.88"	2.25"	0.25"	3.00"	1.50"	0.57"	N/A	28-1	2.43 lb.	400 pc.	970 lb.
HG-291-C	3.50	4.50	3.06	0.31	3.00	1.50	0.89/0.90	N/A	29-1	2.80	375	1,050
HG-3028-R	5.37	6.00	2.25	0.25	3.00	1.50	0.38	3.75	30-28	3.32	250	830
*HG-2891-F	5.00	5.63	2.25	0.25	3.00	1.50	0.57	2.88	28-9-1	3.28	250	820
*HG-2951-C	4.50	5.53	3.06	0.31	3.00	1.50	0.89/0.90	2.48	29-5-1	4.08	250	1,020
*HG-3061-R	6.43	7.06	2.25	0.25	3.00	1.50	0.38	4.82	30-6-1	3.76	250	940
HG-15844-F	3.56	4.31	2.19	0.30	4.00	2.00	0.57	N/A	1584-4	3.32	500	1,663
HG-15864-C	3.38	4.50	3.13	0.30	4.00	2.00	0.84/0.90	N/A	1586-4	3.69	500	1,847
HG-15854-R	5.06	6.00	2.19	0.30	4.00	2.00	0.57	3.47	1585-4	4.78	500	2,391
HG-15843-F	3.56	4.31	2.19	0.30	3.00	1.50	0.57	N/A	1584	2.52	750	1,888
HG-15863-C	3.38	4.50	3.13	0.37	3.00	1.50	0.84/0.90	N/A	1586	3.31	750	2,480
HG-15853-R	5.06	6.00	2.19	0.30	3.00	1.50	0.57	3.47	1585	3.34	750	2,500

- Material: High quality hot rolled structural steel.
- Other spring hangers are available upon request.
- The specifications and dimensions above are for reference only.
- * Non-stock item. Minimum order quantities and longer lead time will apply.



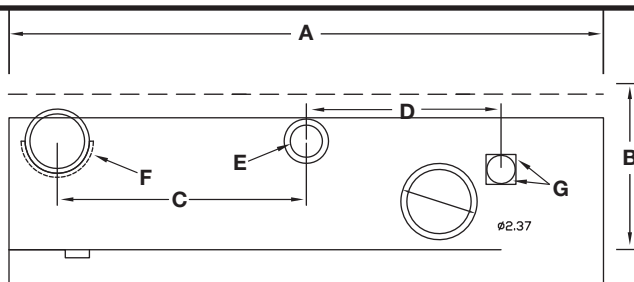
10K GENERAL DUTY STEEL FABRICATED EQUALIZERS - 2 1/2" WIDE SPRINGS

The following steel fabricated equalizers are designed for the use of 2 1/2" wide slipper springs in a tandem or triple axle application. The equalizers are made to industry standards and supplied as oiled metal.

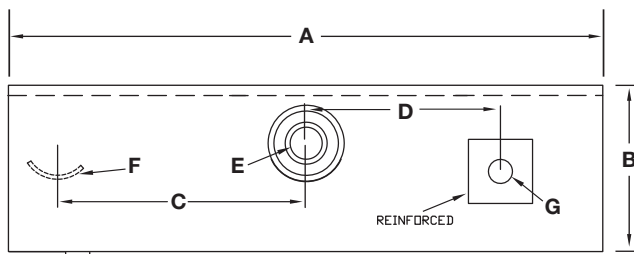


See page 31 for
corresponding
hanger sets.

EQ-5000GD
EQ-6000GD



EQ-42LH
EQ-42RH
EQ-48LH
EQ-48RH



EQ-13140
EQ-13141

NOTE: 1" OD. steel bushing encased in 2" ID. EPDM rubber.

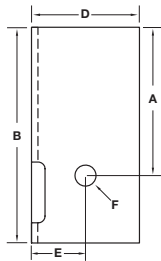
PART NUMBER	DIMENSIONS								REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
	A	B	C	D	E	F	G	t				
EQ-5000GD	15.75"	4.75"	7.00"	7.88"	1.00"	2.38"	0.78"	0.31"	5000GD	20 lb.	130 pc.	2,600 lb.
EQ-6000GD	21.75	4.75	10.00	10.88	1.00	2.38	0.78	0.31	6000GD	26	100	2,600
*EQ-42LH	18.50	5.19	7.75	7.06	1.00	2.16	0.77	0.25	13-082	18	126	2,282
*EQ-42RH	18.50	5.19	7.75	7.06	1.00	2.16	0.77	0.25	13-083	18	126	2,282
*EQ-48LH	24.63	5.19	10.88	10.25	1.00	2.16	0.77	0.25	13-084	24	102	2,467
*EQ-48RH	24.63	5.19	10.88	10.25	1.00	2.16	0.77	0.25	13-085	24	102	2,467
*EQ-13140	18.38	5.19	7.13	6.75	1.00	2.25	0.75	0.20	13-140	15	135	2,025
*EQ-13141	24.75	5.19	10.38	10.00	1.00	2.25	0.75	0.20	13-141	20	100	2,000

- Material: High quality hot rolled structural steel.
- All equalizers use a 1" equalizer bolt.
- Dimension "t" equals thickness of material.
- The specifications and dimensions above are for reference only.
- * *Non-stock items. Minimum order quantities and longer lead time will apply.*

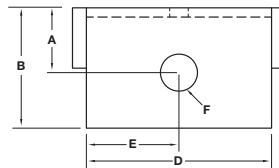


10K GENERAL DUTY STEEL FABRICATED EQUALIZERS - 2 1/2" WIDE SPRINGS

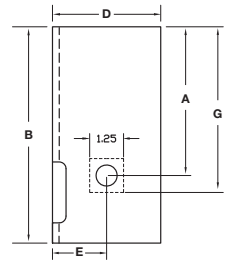
Each of the hanger sets below correspond to the steel fabricated equalizers directly opposite on page 30.



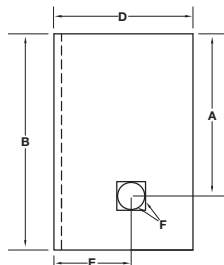
HG-3000-F



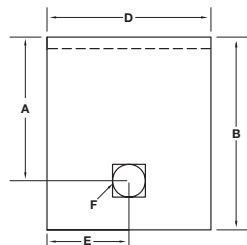
HG-2000-C



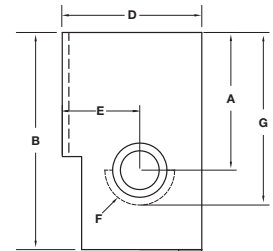
HG-4000-R



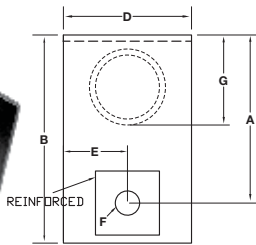
HG-1084-F-RH



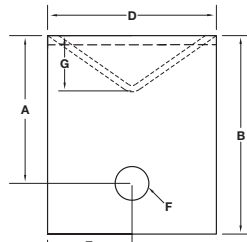
HG-1086-C



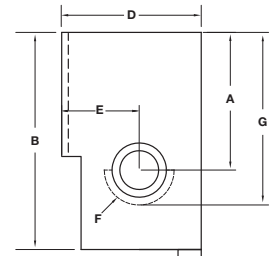
HG-3061-R



HG-2874-F



HG-2942-C



HG-3061-R


PART NUMBER	DIMENSIONS								REF. NO.	UNIT WT.	CASE QTY.	CASE WT.
	A	B	C	D	E	F	G	t				
HG-3000-F	5.50"	8.00"	2.75"	4.00"	2.00"	0.78"	N/A	0.24"	3000	4.60 lb.	395 pc.	1,817 lb.
HG-2000-C	1.75	3.19	4.13	5.00	2.50	1.00	N/A	0.24	2000	5.00	395	1,975
HG-4000-R	5.50	8.00	2.75	4.00	2.00	N/A	6.13	0.24	4000	5.80	395	2,291
*HG-1084-F-LH	5.25	7.00	2.63	4.50	2.50	0.77	N/A	0.24	72-1084	5.30	350	1,840
*HG-1084-F-RH	5.25	7.00	2.63	4.50	2.50	0.77	N/A	0.24	72-1084	5.30	350	1,840
*HG-1086-C	4.38	5.88	3.25	5.00	2.50	1.06	N/A	0.37	72-1086	7.23	350	2,530
*HG-3061-R	4.44	7.00	2.62	4.50	2.50	2.25	5.56	0.24	72-1085	5.84	350	2,045
*HG-2874-F	5.25	6.50	2.63	4.00	2.00	0.76	2.75	0.19	28-74	4.30	330	1,420
*HG-2942-C	4.25	5.63	3.25	5.00	2.50	1.00	1.75	0.24	29-42	5.80	330	1,915
*HG-3061-R	4.44	7.00	2.75	4.50	2.50	2.25	5.56	0.24	30-61	5.70	330	1,880

- Material: High quality hot rolled structural steel.
- Dimension "C" equals the inside width of the part.
- Dimension "t" equals thickness of material.
- The specifications and dimensions above are for reference only.
- * Non-stock items. Minimum order quantities and longer lead time will apply.


SUSPENSION FASTENERS




PART NUMBER	DESCRIPTION	DIMENSIONS	BOX QTY.	BOX WT.
FA-7-1-1	Bolt, Lubed, no CPH, GR2, Plain	4.71" x 7/8" - 9	50 pc.	46 lb.
FA-7-1-0	Bolt, Lubed, CPH, GR2, Plain	4.71" x 7/8" - 9	50	46
FA-7-254	Bolt, Zinc, GR5, MIN 1" Full Thread	3.29" x 3/8" - 16	325	37
FA-6-3	Nut, Slotted Hex, Plain	7/8" - 9	300	49
FA-6-111	Nut, Top Lock, Plain	7/8" - 9	300	54
FA-6-111Z	Nut, Top Lock, Zinc	7/8" - 9	300	54
FA-FLN375	Nut, Lock, Zinc	3/8" - 16	4,000	61



PART NUMBER	DESCRIPTION	DIMENSIONS	BOX QTY.	BOX WT.
FA-7-3	Bolt, Hex, GR5, Plain	3.00" x 9/16" - 18	190 pc.	43 lb.
FA-7-3Z	Bolt, Hex, GR5, Zinc	3.00" x 9/16" - 18	190	43
FA-7-17	Bolt, Hex, GR5, Plain	3.50" x 9/16" - 18	175	51
FA-7-17Z	Bolt, Hex, GR5, Zinc	3.50" x 9/16" - 18	175	51
FA-126A1LN	Bolt, Drilled Head, no Zerk, GR5, Plain	3.50" x 3/4" - 16	100	52
FA-7-126	Bolt, GR 5, Step Down Thread	2.90" x 7/16" - 20	200	48
FA-126B2LN	Bolt, Lubed, Hex, GR5, Plain	3.00" x 9/16" - 20	200	51
FA-7-236-1	Bolt, Lubed, Hex, GR5, Step Down Thread	3.40" x 7/16" - 20	130	37
FA-7-187	Bolt, Lubed, Hex, GR5, Step Down Thread	2.90" x 7/16" - 20	160	37
FA-3416	Nut, Slotted for FA-126AILN	3/4" - 16	1,000	32
FA-916DLN	Nut, Top Lock, Plain	9/16" - 18	1,000	56
FA-916DLNZ	Nut, Top Lock, Zinc	9/16" - 18	1,000	56
FA-6-92Z	Nut, Flange, Steel Zinc, No Serrations	7/16" - 20	1,400	58



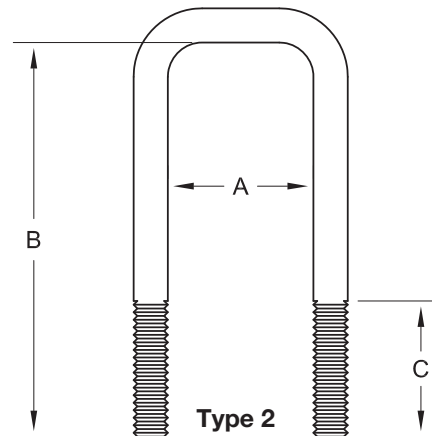
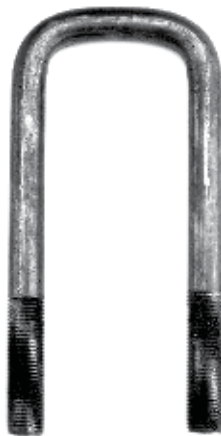
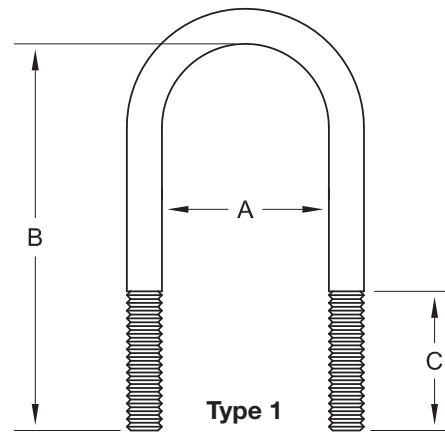
PART NUMBER	DESCRIPTION	DIMENSIONS	BOX QTY.	BOX WT.
FA-LSB225	Bolt, Spring Retainer	2.25" x 3/8" - 24	500 pc.	40 lb.
FA-LSB325	Bolt, Spring Retainer	3.25" x 3/8" - 24	500	52
FA-LSB400	Bolt, Spring Retainer	4.00" x 3/8" - 24	500	60
FA-LSN375	Nut, Hex for Spring Retainer Bolt	3/8" - 24	950	40



PART NUMBER	DESCRIPTION	DIMENSIONS	BOX QTY.	BOX WT.
FA-7-112	Press in Brake Stud, GR5 Nut,	.88" x 3/8" - 24	1,500 pc.	36 lb.
FA-6-058	Flange Wheel, Zinc, GR8 Wheel	5/8" - 18	150	41
FA-7-40X	Bolt, Hex Head	1.63" x 1/2" - 20	370	51
FA-6-080	Wheel Nut, 60 Degree, GR5, Zinc	1/2" - 20	700	60
FA-6-053	Wheel Nut, 60 Degree, GR5, Zinc	9/16" - 18	600	47
FA-6-176	Spindle Nut, 12 Slot	1.00" - 14	300	47
FA-6-109	Wheel Nut, 90 Degree, GR8, Zinc	5/8" - 18	300	32
FA-WS-1840	Wheel Stud, GR8, Yellow Zinc	1.84" x 1/2" - 20	100	13
FA-WS-2310	Wheel Stud, GR8, Yellow Zinc	2.31" x 9/16" - 18	100	20

- Other Suspension Fasteners available upon request.
- The specifications and dimensions above are for reference only.

U-BOLTS

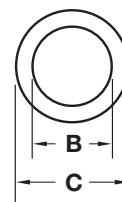
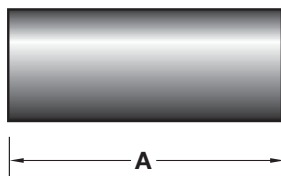


PART NUMBER	TYPE	TUBE DIA.	SPRING WIDTH	THREAD SIZE	DIMENSIONS			UNIT WT.	CASE QTY.	CASE WT.
					A	B	C			
UBR-175429-38C	1	1.75"	1.75"	3/8"-16	1.81"	4.29"	2.00"	0.24 lb.	4,000 pc.	1,100 lb.
UBR-175429-38F	1	1.75"	1.75"	3/8"-24	1.81"	4.29"	2.00"	0.24	4,000	1,100
UBR-175429-50F	1	1.75"	1.75"	1/2"-20	1.81"	4.29"	2.00"	0.49	2,000	1,000
UBR-238513-44F	1	2.38"	1.75"/2.00"	7/16"-20	2.44"	5.13"	2.00"	0.46	7,000	3,300
UBR-238550-50F	1	2.38"	1.75"/2.00"	1/2"-20	2.44"	5.50"	2.00"	0.62	5,000	3,150
UBR-238625-50F	1	2.38"	1.75"/2.00"	1/2"-20	2.44"	6.25"	3.00"	0.70	1,000	750
UBR-300650-50F	1	3.00"	1.75"/2.00"	1/2"-20	3.09"	6.50"	2.00"	0.74	4,000	3,000
UBR-300700-50F	1	3.00"	1.75"/2.00"	1/2"-20	3.09"	7.00"	2.00"	0.78	3,500	2,900
UBR-300700-56F	1	3.00"	1.75"/2.00"	9/16"-18	3.09"	7.00"	3.00"	1.02	2,500	2,750
UBR-350800-56F	1	3.50"	2.00"	9/16"-18	3.56"	8.00"	2.00"	1.16	300	500
UBR-500900-63C	1	5.00"	2.50"/3.00"	5/8"-11	5.06"	9.00"	2.00"	1.89	1,500	2,900
UBS-200575-56F	2	2.00"	1.75"	9/16"-18	2.06"	5.75"	2.50"	0.82	1,000	950
UBS-200650-56F	2	2.00"	1.75"	9/16"-18	2.09"	6.50"	2.50"	0.95	3,200	3,100

- Material: SAE 1018 Hot Rolled.
- Stainless steel available, call for lead time and pricing.
- Available with clear or yellow chromate on zinc plating and galvanized, call for lead time and pricing.
- Letter at the end of the part number denotes course (**C**) or fine (**F**) thread.
- The specifications and dimensions above are for reference only.



LEAF SPRING BUSHINGS



Type 1

PART NUMBER	TYPE	DIMENSIONS			REF. NO.	BOX QTY.	BOX WT.
		A LENGTH	B ID.	C OD.			
BU1-1506	1	1.75"	0.5000"	0.6875"	226	300 pc.	6 lb.
BU1-1508	1	1.75"	0.5000"	0.8750"	224, W-5	300	6
BU1-1566	1	1.75"	0.5625"	0.6875"	227, W-1	300	6
BU1-1568	1	1.75"	0.5625"	0.8750"	225, W-3	300	6
BU1-1561	1	1.75"	0.5625"	1.0400"	228	300	7
BU1-2566	1	2.00"	0.5625"	0.6875"	229, W-2	300	8
BU1-3871	1	3.00"	0.8800"	1.1250"	NB 78	150	7

- Material: graphite impregnated nylon
- Above quantities are approximate, actual shipment quantity may vary.
- The specifications and dimensions above are for reference only.

MOBILE HOME RIM CLAMP

		DIMENSIONS			CASE QTY.	CASE WT.
		A	B	C		
FA-1512		1.26"	1.36"	0.54"	15,000 pc.	2,100 lb.

- The specifications and dimensions above are for reference only.
- * Also available galvanized, call for availability and pricing.



SHOCK ABSORBER

PARTS KIT – TOP

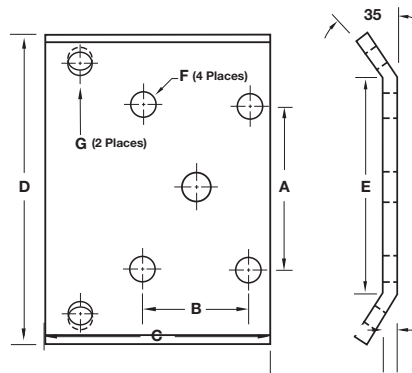
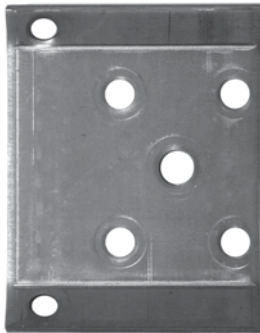


PARTS KIT – BOTTOM



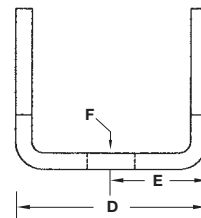
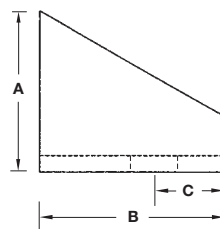
PART NUMBER	DESCRIPTION	UNIT WT.	CASE QTY.	CASE WT.
SA-568167	RV Shock w/ Parts Kit	2.75 lb.	722 pc.	1,986 lb.

SHOCK TIE PLATES



PART NUMBER	TUBE DIA.	SPRING WIDTH	DIMENSIONS							CASE QTY.	CASE WT.
			A	B	C	D	E	F	G		
TP-7710	2.38"	1.75"	2.94"	2.31"	5.00"	5.92"	4.69"	0.56"	0.53"	1,500 pc.	3,128 lb.
TP-7709	3.00"	2.00"	3.62"	2.38"	5.00"	5.92"	4.69"	0.56"	0.53"	1,500	3,128

SHOCK MOUNTING BRACKETS



PART NUMBER	DIMENSIONS						CASE QTY.	CASE WT.
	A	B	C	D	E	F		
*ST-BRKT-205	1.75"	2.00"	0.69"	2.05"	1.02"	0.50"	1,000 pc.	400 lb.
*ST-BRKT-325	2.75"	3.25"	0.69"	2.05"	1.02"	0.50"	1,000	760

- Material: High quality pickled and oiled structural steel per ASTM specifications.
- The specifications and dimensions above are for reference only.
- * Non-stock items. Minimum order quantities and longer lead time will apply.



MOBILE HOME AXLE PRODUCTS

TRP International continues to lead the industry with a full range of mobile home axle and suspension products.



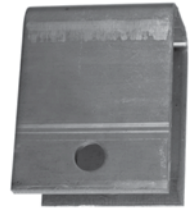
RIM CLAMP



SINGLE LEAF SPRING



MULTIPLE LEAF SPRING



SPRING HANGER



SPRING SEAT



BEARING



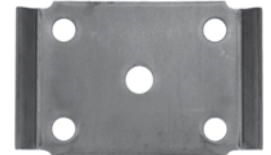
SHACKLE LINK



DUST CAP



EQUALIZER



U-BOLT TIE PLATE

PART NUMBER	DESCRIPTION	CASE QTY.
FA-1512	Rim Clamp	15,000 pc.
DE-7240	Single Leaf Spring	440
DE-7226	Multiple Leaf Spring	200
EQ-104	Equalizer	1,000
L-68149	Inner Bearing Cone	6,624
L-68111	Inner Bearing Cup	6,624
LM-67048	Outer Bearing Cone	6,624
LM-67010	Outer Bearing Cup	6,624
DC-250	Dust Cap	360
SL-200	2.00" Shackle Link	5,000
SL-225	2.25" Shackle Link	5,000
HG-100	1.00" Spring Hanger	2,500
HG-144	1.44" Spring Hanger	2,500
HG-246	2.46" Spring Hanger	1,250
HG-325	3.25" Spring Hanger	1,250
TP-300175	3.00" Axle Tube U-Bolt Tie Plate	2,500
SS-300	3.00" Axle Tube Spring Seat Grease	2,500
*GS-1938SL	Seal, Single Lip 1.938" Shaft	11,520

• See product page for complete dimensional descriptions and industry reference numbers.

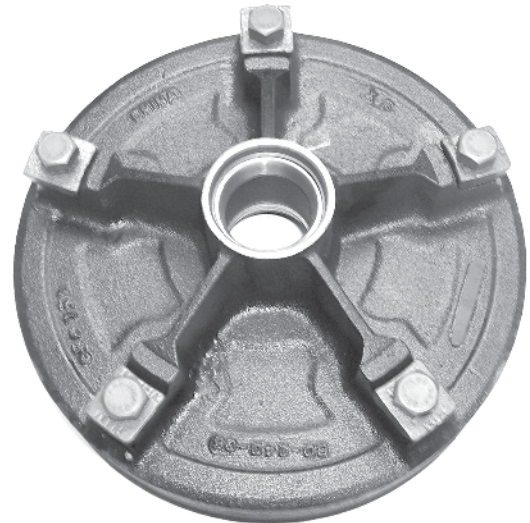
* Non-stock items. Minimum order quantities and longer lead time will apply.



MOBILE HOME AXLE PRODUCTS



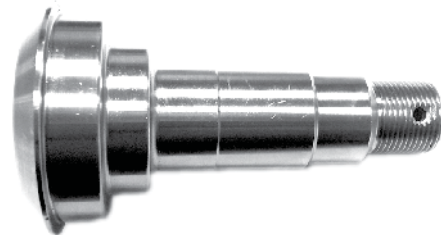
IDLER HUB



BRAKE DRUM



ELECTRIC BRAKE



SPINDLE

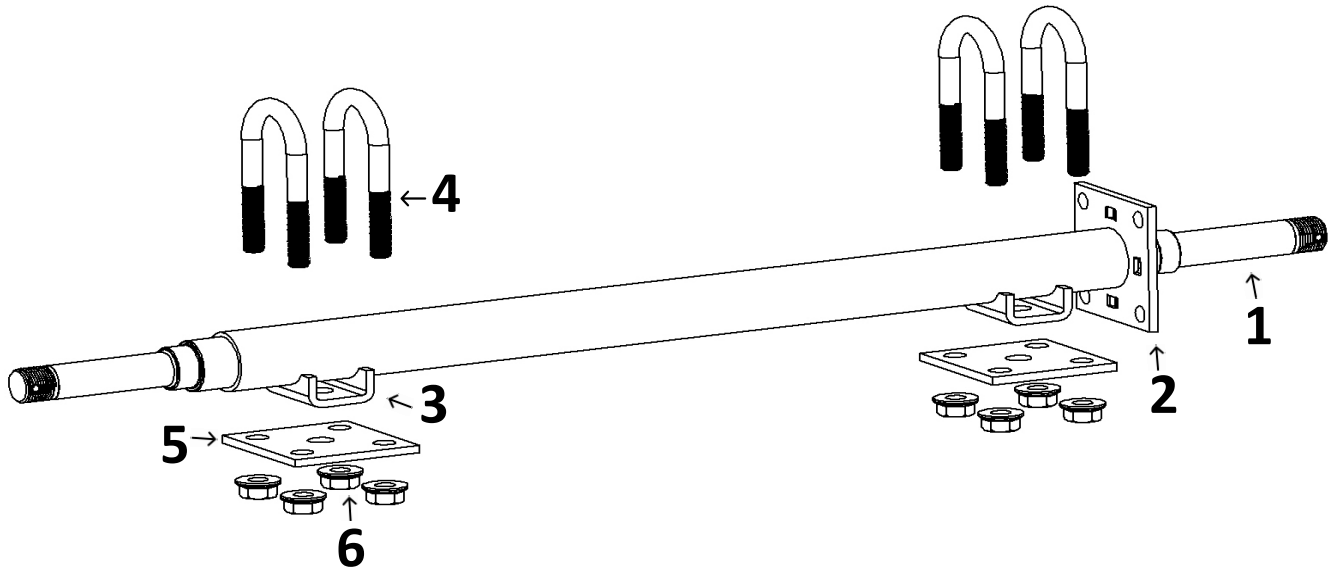
PART NUMBER	DESCRIPTION	CASE QTY.
*MHI-122458-RCB	Idler Hub With Rim Clamps And Bolts	150 pc.
*MHD-122459-RCB	Brake Drum With Rim Clamps And Bolts	81
*BK-12EMHL-01	12" Electric Brake With Magnet, Left Hand	240
*BK-12EMHR-02	12" Electric Brake With Magnet, Right Hand	240
*SP-122457	Hot Forged Butt Weld Style Spindle	1,350

* Non-stock items. Minimum order quantities and longer lead time will apply.



AXLE COMPONENT DIAGRAM

2,000# CAPACITY



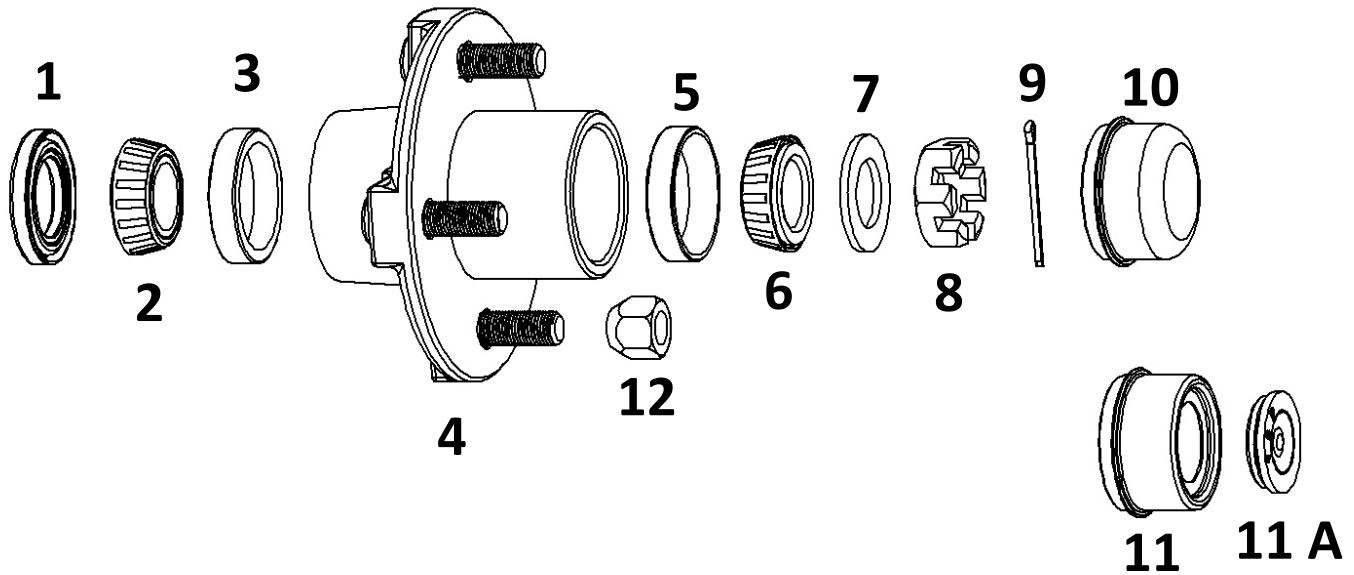
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	SP-HF-BT8	Bar Stock, Butt Weld Style Spindle	6
1	SP-HF-BT8L	Bar Stock, Butt Weld Style Spindle	6
1	SP-125BT8	Round Bar Stock, 1.25" Diameter Spindle	8
1	SP-150BT8	Round Bar Stock, 1.50" Diameter Spindle	8
1	SP-150BT8-SQ	Square Bar Stock, 1.50" Diameter Spindle	9
2	PFL-41.30	Brake Flange	11
2	PFL-41.51	Brake Flange	11
3	SS-175	Spring Seat, for 1.75" OD Axle Tube	22
4	UBR-175429-38C	U-Bolt $\frac{3}{8}$ "-16 Thread	33
4	UBR-175429-38F	U-Bolt $\frac{3}{8}$ "-24 Thread	33
4	UBR-175429-50F	U-Bolt $\frac{1}{2}$ "-20 Thread	33
5	TP-175173	Tie Plate	24
5	TP-175175	Tie Plate	22
6	FA-FLN375	Nut, Lock, Zinc	32

- The recommendations above are for reference only.



HUB COMPONENT DIAGRAM

2,000# CAPACITY



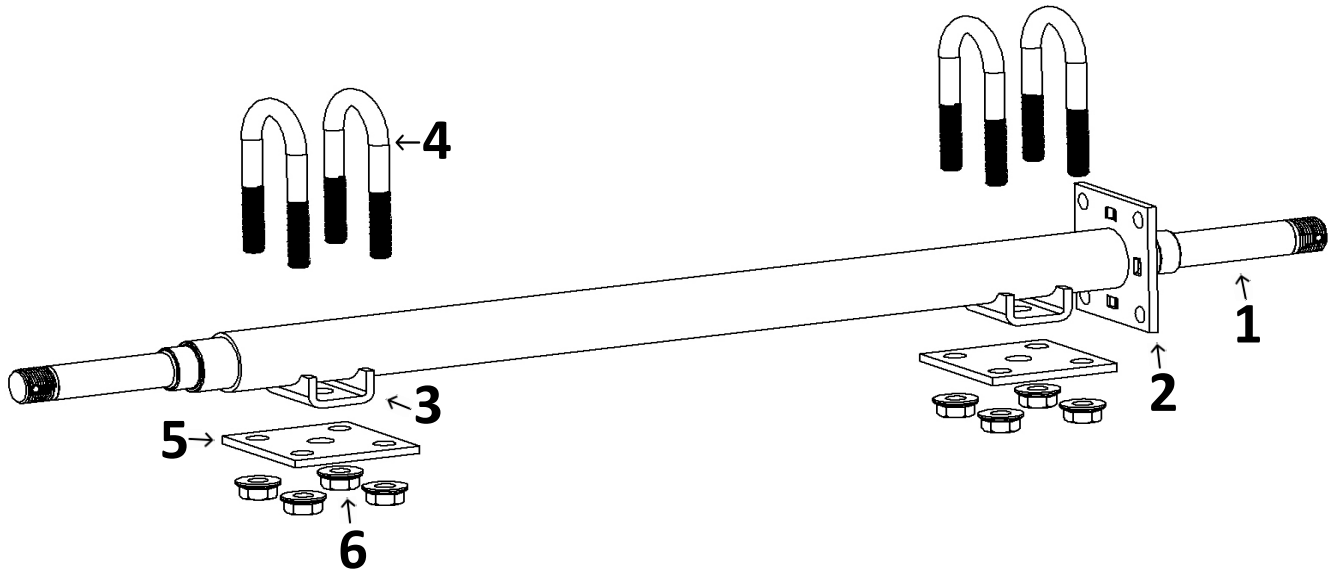
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	GS-1250DLR	Grease Seal, Double Lip Rubber Coated, 1.250"	15
1	GS-1250SL	Grease Seal, Single Lip, 1.250"	15
1	GS-1250DL	Grease Seal, Double Lip, 1.250"	15
2	L-44643	Inner Bearing, Cone	14
3	L-44610	Inner Bearing, Cup	14
4	RVI-BT-4400	Idler Hub, 440 BT	17
5	L-44610	Outer Bearing, Cup	14
6	L-44643	Outer Bearing, Cone	14
7	FA-TW100	Spindle Washer, Tang	12
7	FA-SW100	Spindle Washer, Flat Round	12
7	FA-DW-100	Spindle Washer, Flat D-Washer	12
8	FA-SN100	Spindle Nut, 6 Slot	12
9	FA-CP175	Cotter Pin	12
10	DC-200	Dust Cap	13
11	DC-200L	Dust Cap, Lubed	13
11A	DC-RP	Rubber Plug For Lubed Dust Cap Hole	13
12	FA-6-080	Wheel Nut, Cone	32

• The recommendations above are for reference only.



AXLE COMPONENT DIAGRAM

2,500# CAPACITY



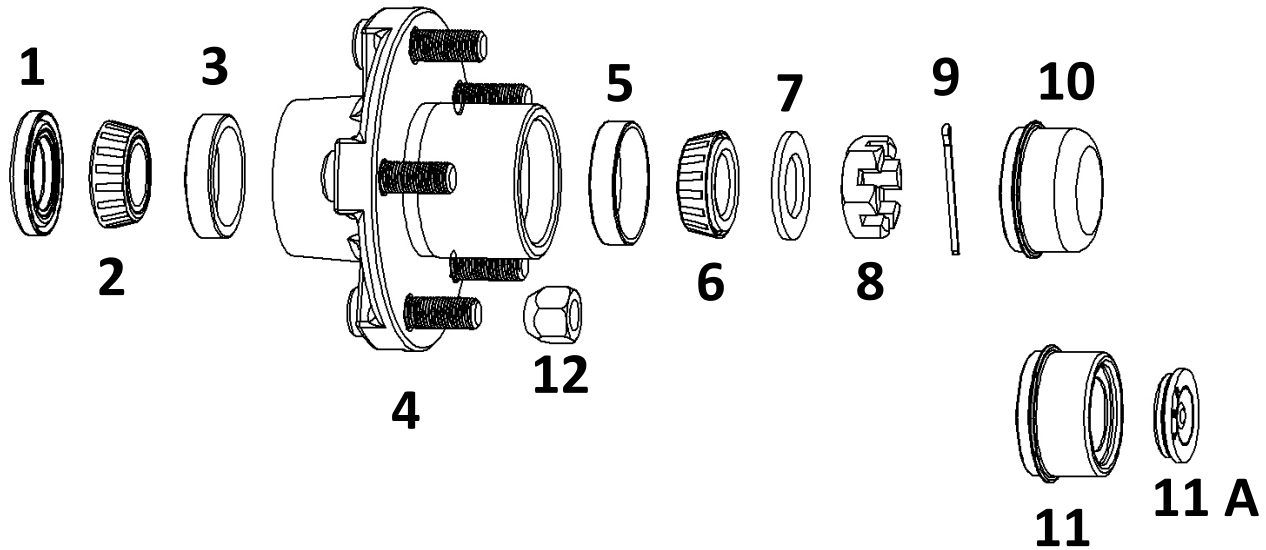
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	SP-HF-84BT16	Bar Stock, Butt Weld Style Spindle	6
1	SP-HF-BT16	Bar Stock, Butt Weld Style Spindle	6
1	SP-HF-BT16L	Bar Stock, Butt Weld Style Spindle	6
1	SP-125BT16	Round Bar Stock, 1.25" Diameter Spindle	8
1	SP-150BT16L	Round Bar Stock, 1.50" Diameter Spindle	8
1	SP-150BT16-SQ	Square Bar Stock, 1.50" Diameter Spindle	9
2	PFL-41.30	Brake Flange	11
2	PFL-41.51	Brake Flange	11
3	SS-175	Spring Seat, for 1.75" OD Axle Tube	24
4	UBR-175429-38C	U-Bolt $\frac{3}{8}$ "-16 Thread	33
4	UBR-175429-38F	U-Bolt $\frac{3}{8}$ "-24 Thread	33
4	UBR-175429-50F	U-Bolt $\frac{1}{2}$ "-20 Thread	33
5	TP-175173	Tie Plate	22
5	TP-175175	Tie Plate	22
6	FA-FLN375	Nut, Lock, Zinc	32

• The recommendations above are for reference only.



HUB COMPONENT DIAGRAM

2,500# CAPACITY



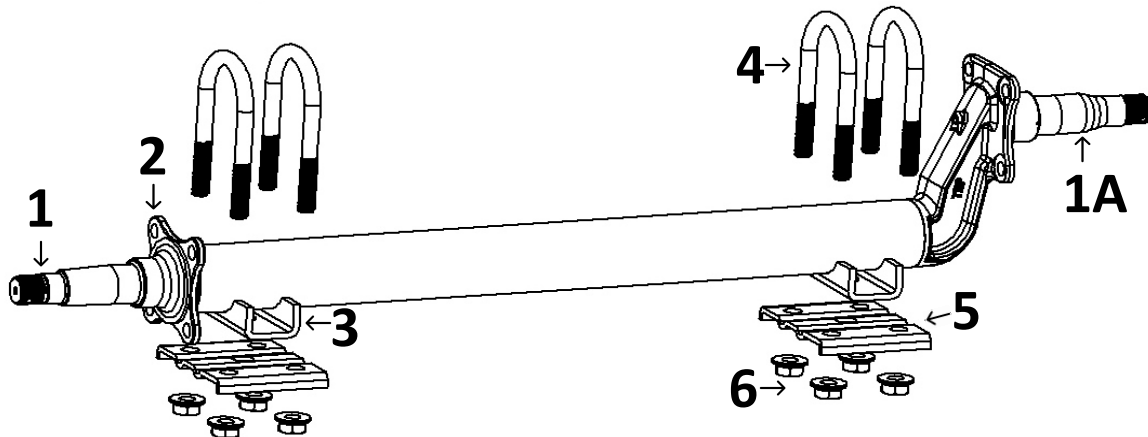
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	GS-1500DLR	Grease Seal, Double Lip, Rubber Coated, 1.500"	15
1	GS-1500SL	Grease Seal, Double Lip, 1.500"	15
1	GS-1500DL	Grease Seal, Double Lip, 1.500"	15
2	L-44649	Inner Bearing, Cone	14
3	L-44610	Inner Bearing, Cup	14
4	RVI-BT-5450	Idler Hub, 545 BT	17
5	L-44610	Outer Bearing, Cup	14
6	L-44649	Outer Bearing, Cone	14
7	FA-TW100	Spindle Washer, Tang	12
7	FA-SW100	Spindle Washer, Flat Round	12
7	FA-DW-100	Spindle Washer, Flat D-Washer	12
8	FA-SN100	Spindle Nut, 6 Slot	12
9	FA-CP175	Cotter Pin	12
10	DC-200	Dust Cap	13
11	DC-200L	Dust Cap, Lubed	13
11A	DC-RP	Rubber Plug For Lubed Dust Cap Hole	13
12	FA-6-080	Wheel Nut, Cone	32

• The recommendations above are for reference only.



AXLE COMPONENT DIAGRAM

3,500# CAPACITY



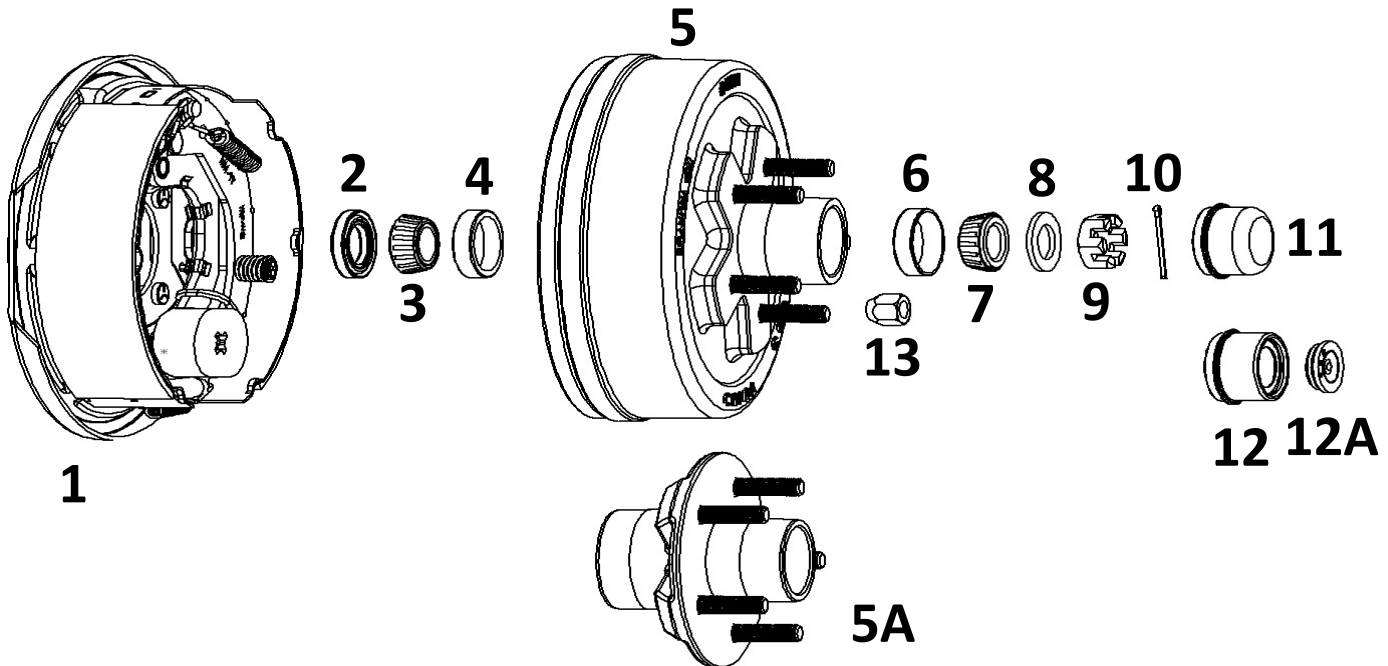
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	SP-HF-IF-84L	Butt Weld Style, Integrated Flange Spindle	6
1	SP-HF-IF-8455	Butt Weld Style, Integrated Flange Spindle	6
1	SP-HF-84L	Butt Weld Style, Hot Forged Spindle	6
1	SP-HF-84S	Butt Weld Style, Hot Forged Spindle	6
1	SP-HF-8455	Butt Weld Style, Hot Forged Spindle	6
1	SP-17584	Round Bar Stock Spindle	8
1	SP-20084	Round Bar Stock Spindle	8
1	SP-20484-SQ	Square Bar Stock Spindle	9
1	SP-35684-SQ	Square Bar Stock Spindle	9
1A	SP-TT-175F	Hot Forged 4" Drop, Flanged Spindle	7
1A	SP-TT-175AF	Hot Forged 4" Drop, Flanged Spindle	7
2	PFL-41.75	Brake Flange	11
2	PFL-42.27	Brake Flange	11
3	SS-238	Spring Seat, for 2.38" OD Axle Tube	24
3	SS-300	Spring Seat, for 3.00" OD Axle Tube	24
4	UBR-238513-44F	U-Bolt, $\frac{7}{16}$ "-20 Thread	33
4	UBR-238550-50F	U-Bolt, $\frac{1}{2}$ "-20 Thread	33
4	UBR-238625-50F	U-Bolt, $\frac{1}{2}$ "-20 Thread	33
4	UBR-300650-50F	U-Bolt, $\frac{1}{2}$ "-20 Thread	33
5	TP-238175	Tie Plate	22
5	TP-238200	Tie Plate	22
5	TP-300175	Tie Plate	22
5	TP-300200	Tie Plate	22
5	TP-238175-50R	Tie Plate	23
5	TP-238175-R	Tie Plate	23
5	TP-238200R	Tie Plate	23
5	TP-300175R	Tie Plate	23
6	FA-FLN375	Nut, Lock, Zinc	32
6	FA-6-92Z	Nut, Flange, Zinc	32

• The recommendations above are for reference only.



HUB COMPONENT DIAGRAM

3,500# CAPACITY



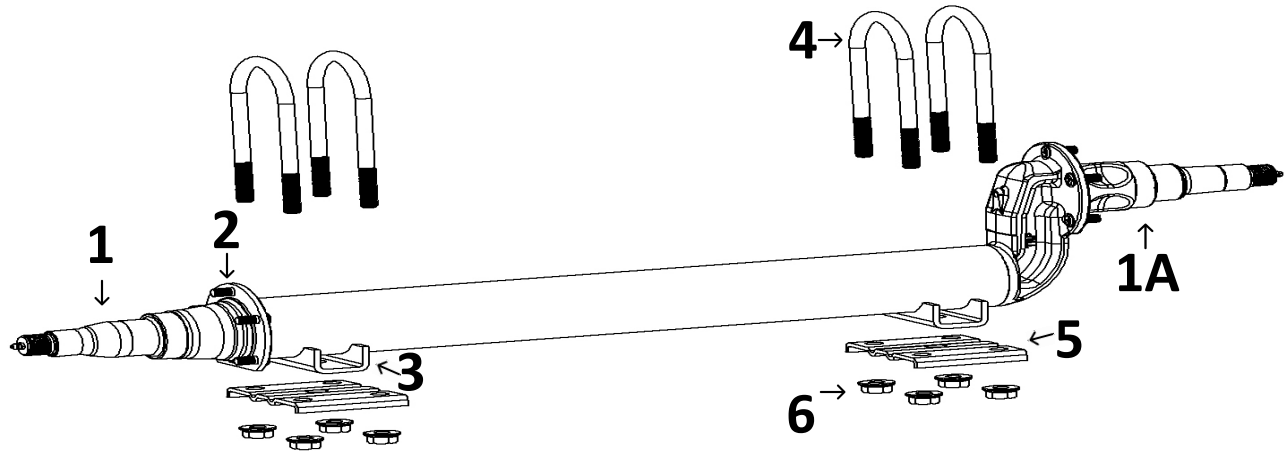
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	BK-10E-01/ BK-10E-02	10"x 2.25" LH/RH Brake Assembly	19
1	BK-10E-01SA/BK-10E-02SA	10"x 2.25" LH/RH Self-Adjusting Brake Assembly	19
2	GS-1719DL	Grease Seal, Double Lip, 1.720"	15
2	GS-1719SL	Grease Seal, Single Lip, 1.720"	15
2	GS-1719DLR	Grease Seal, Double Lip Rubber Coated, 1.720"	15
3	L-68149	Inner Bearing, Cone	14
4	L-68111	Inner Bearing, Cup	14
5	RVD-U-5450	Brake Drum, 5 Bolt on 4.50" BC	16
5	RVD-U-5475	Brake Drum, 5 Bolt on 4.75" BC	16
5	RVD-U-5500	Brake Drum, 5 Bolt on 5.00" BC	16
5	RVD-U-5550	Brake Drum, 5 Bolt on 5.50" BC	16
5	RVD-U-6550	Brake Drum, 6 Bolt on 5.50" BC	16
5A	RVI-U-5450	Idler Hub, 5 Bolt on 4.50" BC	17
5A	RVI-U-5475	Idler Hub, 5 Bolt on 4.75" BC	17
5A	RVI-U-5500	Idler Hub, 5 Bolt on 5.00" BC	17
5A	RVI-U-5550	Idler Hub, 5 Bolt on 5.50" BC	17
5A	RVI-U-6550	Idler Hub, 6 Bolt on 5.50" BC	17
6	L-44610	Outer Bearing, Cup	14
7	L-44649	Outer Bearing, Cone	14
8	FA-SW100	Spindle Washer, Flat Round	12
8	FA-DW100	Spindle Washer, Flat D-Washer	12
8	FA-TW100	Spindle Washer, Tang	12
9	FA-SN100	Spindle Nut, 6 Slot	12
10	FA-CP175	Cotter Pin	12
11	DC-200	Dust Cap	13
12	DC-200L	Dust Cap, Lubed	13
12A	DC-RP	Rubber Plug For Lubed Dust Cap Hole	13
13	FA-6-080	Wheel Nut, Cone	32

• The recommendations above are for reference only.



AXLE COMPONENT DIAGRAM

5,200/6,000# CAPACITY



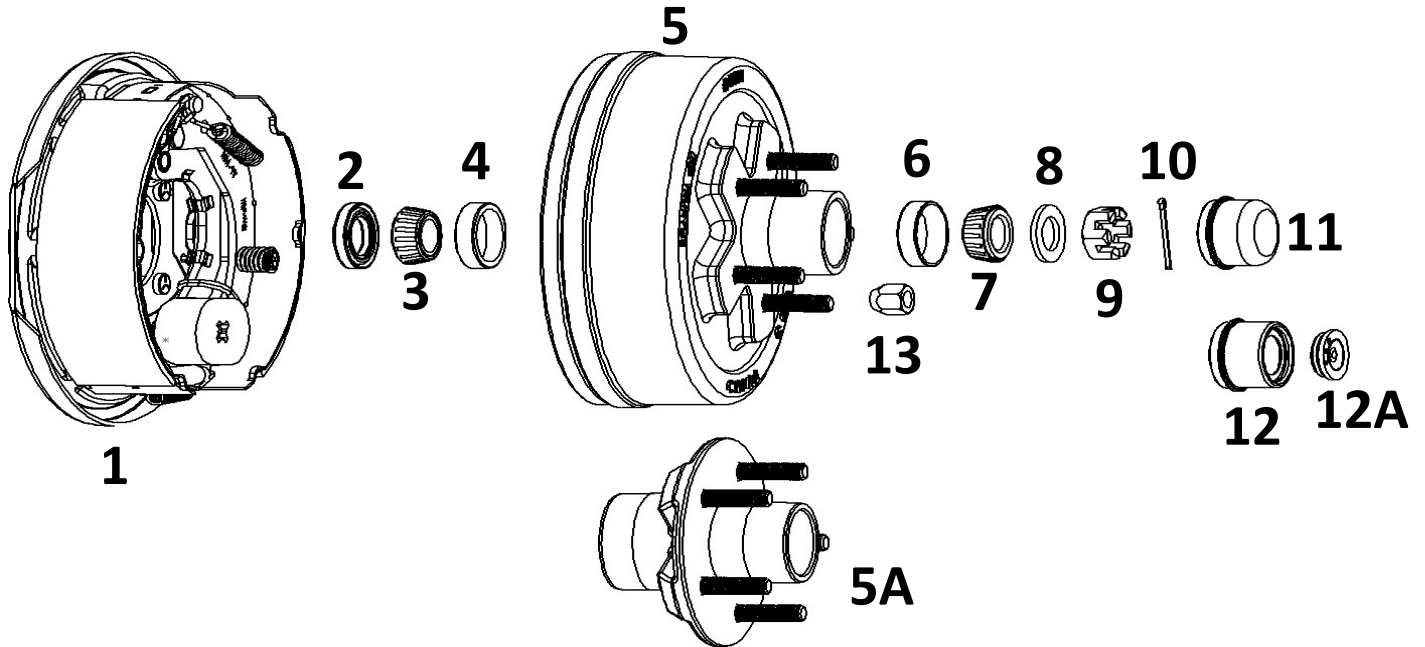
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	SP-HF-IFB-42L	Butt Weld Style, Integrated Flange Spindle	6
1	SP-HF-42L	Butt Weld Style, No Flange Spindle	6
1	SP-22542	Round Bar Stock Spindle	8
1	SP-50642-SQ	Square Bar Stock Spindle	9
1A	SP-UT-IFB-300	Hot Forged 4" Drop, Integrated Flange Spindle	7
2	PFL-52.31	Brake Flange	11
2	PFL-52.75	Brake Flange	11
2	PFL-53.12	Brake Flange	11
2	PFL-52.31-31	Brake Flange	11
2	PFL-52.53	Brake Flange	11
2	PFL-52.53-31	Brake Flange	11
3	SS-300	Spring Seat, for 3.00" OD Axle Tube	24
4	UBR-300650-50F	U-Bolt, 1/2" - 20 Thread	33
4	UBR-300700-50F	U-Bolt, 1/2" - 20 Thread	33
4	UBR-300700-56F	U-Bolt, 9/16" - 18 Thread	33
5	TP-300175	Tie Plate	22
5	TP-300200	Tie Plate	22
5	TP-300209	Tie Plate	22
5	TP-350200	Tie Plate	22
5	TP-300175R	Tie Plate	23
5	TP-300200-56R	Tie Plate	23
6	FA-FLN375	Nut, Lock, Zinc	32
6	FA-6-92Z	Nut, Flange, Zinc	32

• The recommendations above are for reference only.



HUB COMPONENT DIAGRAM

5,200/6,000# CAPACITY



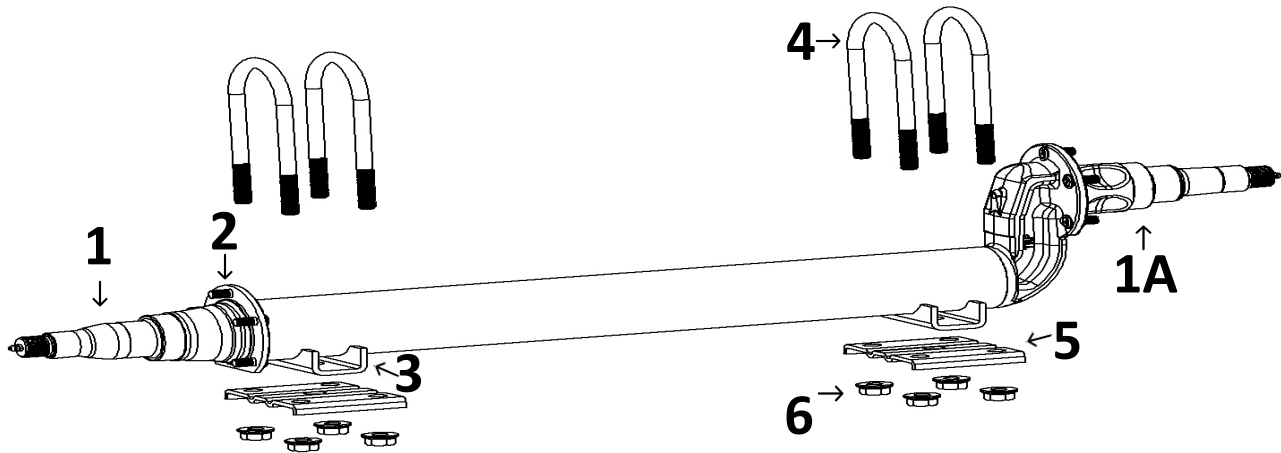
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	BK-12E-01/BK-12E-02	12" x 2" LH/RH Brake Assembly	19
1	BK-12E-01SA/BK-12E-02SA	12" x 2" LH/RH Self-Adjusting Brake Assembly	19
2	GS-2125DL	Grease Seal, Double Lip, 2.125"	15
2	GS-2250DL	Grease Seal, Double Lip, 2.250"	15
3	25580	Inner Bearing, Cone	14
4	25520	Inner Bearing, Cup	14
5	RVD-H-655	Brake Drum, 6 Bolt on 5.50" BC	16
5A	RVI-H-655	Idler Hub, 6 Bolt on 6.50" BC	17
6	15245	Outer Bearing, Cup	14
7	15123	Outer Bearing, Cone	14
8	FA-SW100	Spindle Washer, Flat Round	12
8	FA-DW100	Spindle Washer, Flat D-Washer	12
8	FA-TW100	Spindle Washer, Tang	12
9	FA-SN100	Spindle Nut, 6 Slot	12
10	FA-CP175	Cotter Pin	12
11	DC-250	Dust Cap	13
12	DC-250L	Dust Cap, Lubed	13
12A	DC-RP	Rubber Plug For Lubed Dust Cap Hole	13
13	FA-6-080	Wheel Nut, Cone	32

• The recommendations above are for reference only.



AXLE COMPONENT DIAGRAM

7,000# CAPACITY



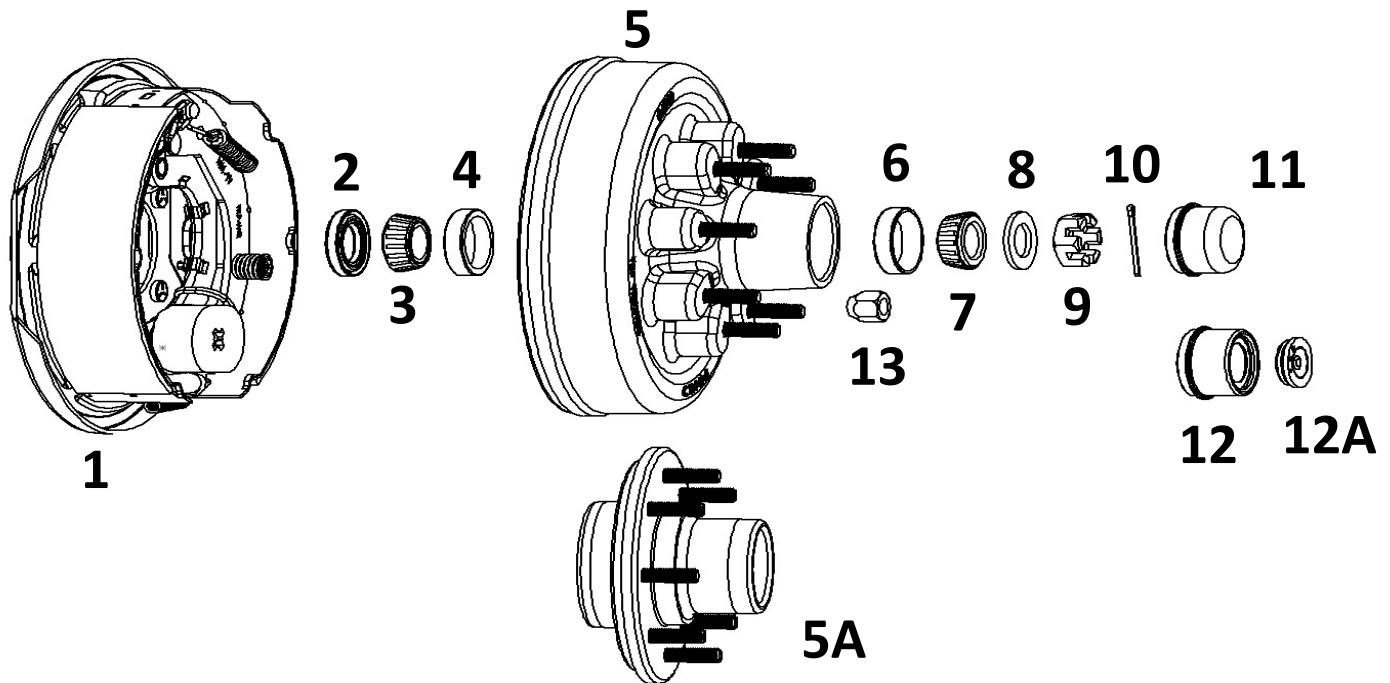
ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	SP-HF-IFB-42L	Butt Weld Style, Integrated Flange Spindle	6
1	SP-HF-42L	Butt Weld Style, No Flange Spindle	6
1	SP-22542	Round Bar Stock Spindle	8
1	SP-50642-SQ	Square Bar Stock Spindle	9
1A	SP-UT-IFB-300	Hot Forged 4" Drop, Integrated Flange Spindle	7
2	PFL-52.31	Brake Flange, Welded	11
2	PFL-52.75	Brake Flange, Welded	11
2	PFL-53.12	Brake Flange, Welded	11
2	PFL-52.31-31	Brake Flange, Welded	11
2	PFL-52.53	Brake Flange, Welded	11
2	PFL-52.53-31	Brake Flange, Welded	11
3	SS-300	Spring Seat, for 3.00" OD Axle Tube	24
4	UBR-300650-50F	U-Bolt, 1/2" - 20 Thread	33
4	UBR-300700-50F	U-Bolt, 1/2" - 20 Thread	33
4	UBR-300700-56F	U-Bolt, 9/16" - 18 Thread	33
5	TP-300175	Tie Plate	22
5	TP-300200	Tie Plate	22
5	TP-300209	Tie Plate	22
5	TP-350200	Tie Plate	22
5	TP-300175R	Tie Plate	23
5	TP-300200-56R	Tie Plate	23
6	FA-FLN375	Nut, Lock, Zinc	32
6	FA-6-92Z	Nut, Flange, Zinc	32

• The recommendations above are for reference only.



HUB COMPONENT DIAGRAM

7,000# CAPACITY



ITEM	PART NUMBER	DESCRIPTION	CATALOG PAGE #
1	BK-12E-01/BK-12E-02	12" x 2" LH/RH Brake Assembly	19
1	BK-12E-01SA/BK-12E-02SA	12" x 2" LH/RH Self-Adjusting Brake Assembly	19
2	GS-2125DL	Grease Seal, Double Lip, 2.125"	15
2	GS-2250DL	Grease Seal, Double Lip, 2.250"	15
3	25580	Inner Bearing, Cone	14
4	25520	Inner Bearing, Cup	14
5	RVD-H-865	Brake Drum, 8 Bolt on 6.50" BC	16
5	RVD-H-865-916	Brake Drum, 8 Bolt on 6.50" BC, $\frac{9}{16}$ " Studs	16
5A	RVI-H-865	Idler Hub, 8 Bolt on 6.50" BC	17
5A	RVI-H-865-916	Idler Hub, 8 Bolt on 6.50" BC, $\frac{9}{16}$ " Studs	17
6	14276	Outer Bearing, Cup	14
7	14125A	Outer Bearing, Cone	14
8	FA-SW100	Spindle Washer, Flat Round	12
8	FA-DW100	Spindle Washer, Flat D-Washer	12
8	FA-TW100	Spindle Washer, Tang	12
9	FA-SN100	Spindle Nut, 6 Slot	12
10	FA-CP175	Cotter Pin	12
11	DC-275	Dust Cap	13
12	DC-275L	Dust Cap, Lubed	13
12A	DC-RP	Rubber Plug For Lubed Dust Cap Hole	13
13	FA-6-080	Wheel Nut, Cone	32
13	FA-6-053	Wheel Nut, Cone	32

• The recommendations above are for reference only.



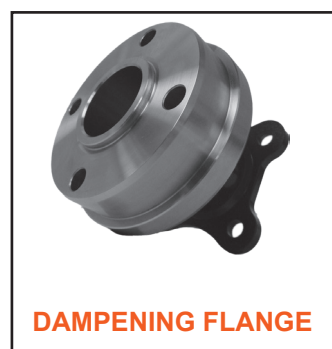
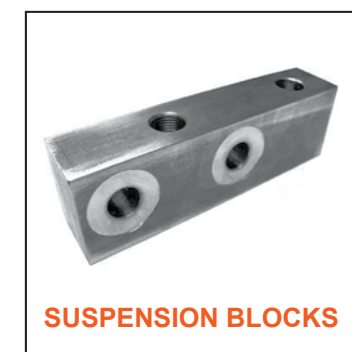
SECONDARY CUSTOM OPERATIONS



TRP International offers numerous secondary custom operations as well as custom manufactured components through our subsidiary company and global supplier partners.



CUSTOM MANUFACTURED COMPONENTS



Please contact your TRP Sales Executive for availability and pricing information.



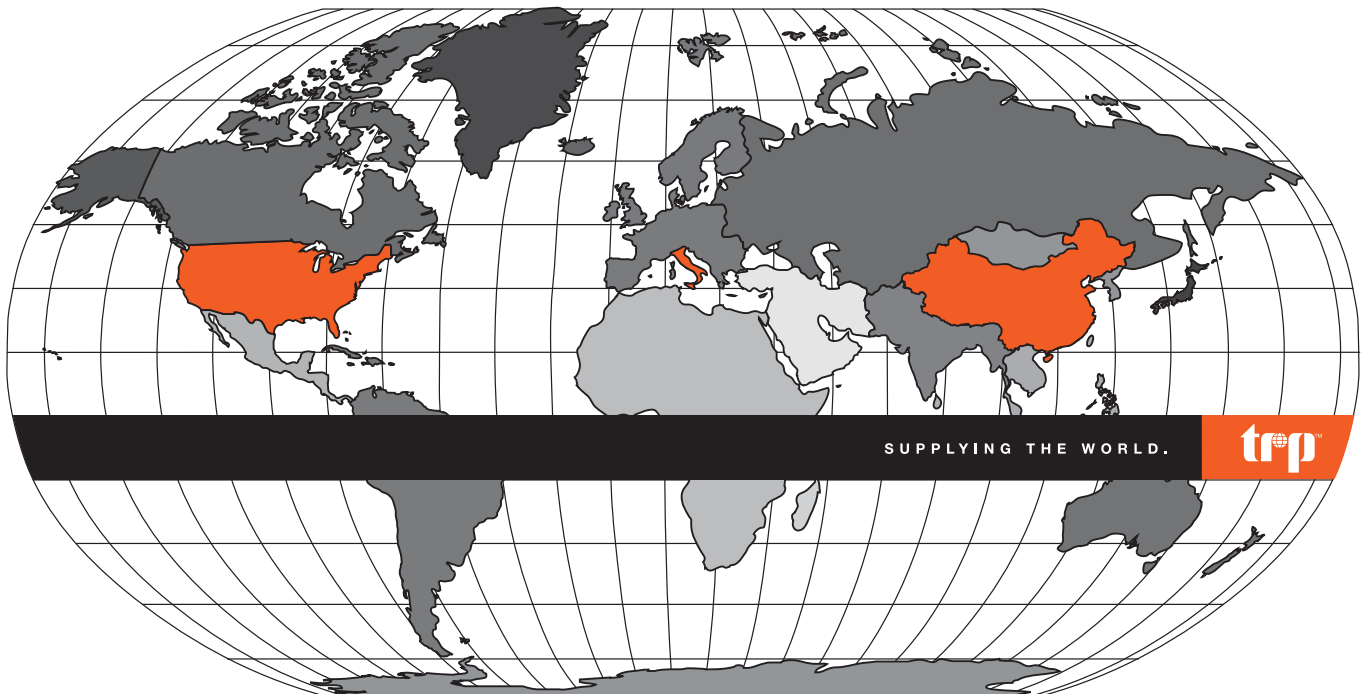
International Supplier Partners

With over 23 years of international trade experience and qualified TRP personnel working through liaison offices in Italy and China we have the expertise necessary to communicate, consult, coordinate and execute the many facets of importing products to North America from abroad. TRP develops long term partnerships with our global supplier partners. These strong and loyal relationships are the cornerstone of our success.

TRP/GVS USA

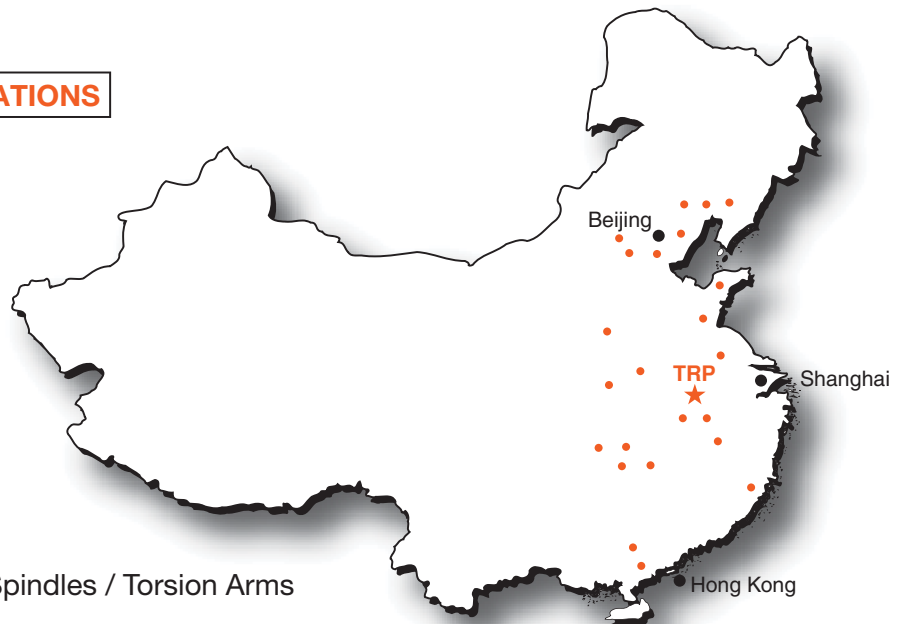
TRP Italy

TRP China



PRODUCTS / MANUFACTURING LOCATIONS

- Electric Brakes
- Hydraulic Brakes
- Mobile Home Brakes
- Brake Drums / Idler Hubs
- Tapered Roller Bearings
- Mobile Home Rim Clamp
- Grease Seals
- Leaf Springs
- Cast Equalizers
- Fabricated Equalizers / Spring Hangers
- Dust Caps - Rubber Plug
- Butt Weld Spindles / Hot Forged Drop Spindles / Torsion Arms





TRP, International, LLC. **TERMS and CONDITIONS**

TERMS:

All orders are subject to credit approval by our credit department. Net 30 days from date of shipment, unless specified otherwise in writing by TRP International. All past due accounts shall accrue interest at a rate of 1.5% per month based upon the outstanding balance at the end of the month plus any additional fees incurred in the collection process, including attorney fees.

PRICES:

All shipments will be at the prices in effect at order acceptance, including any possible raw material surcharges that may be implemented. Prices and specifications are subject to change without notice. Minimum order of \$100.00 is required. Any order less than \$100.00 will be subject to a \$25.00 handling charge.

ORDERS:

TRP International's acceptance of customer orders, whether verbal or written does not include an acknowledgment or acceptance on behalf of TRP of any terms or conditions of customers purchase order, whether stated expressly or implied.

CANCELLATION AND CHANGES:

Due to immediate production of manufactured products, orders containing these items are considered firm and are not subject to cancellation or change without approval. Any approved cancellations or changes are subject to additional charges at TRP International's discretion.

FREIGHT:

All shipments are F.O.B. TRP International and are shipped "Freight Collect" unless specified otherwise in writing by TRP. Products are carefully inspected and packed to assure that they will arrive in good condition. In case of shortage or damage, purchaser should promptly file a claim with the delivering carrier. TRP is not liable for damage or loss of merchandise after it has left our facilities, we will however assist you in filing a claim.

RETURNS:

Return requests must be made within 30 days of shipment. Return authorization is required before the items are returned for any reason. We will consider issuing a return authorization for the following reasons; manufacturing defect, order processing error, shipping error, mismarked cartons, or duplicated shipments. Returns for any other reason, and no fault of TRP, are subject to a 20% restocking charge and when authorized, must be returned freight prepaid. Return merchandise will be subject to inspection. Any discrepancies, additional damage, signs of use, or missing parts will result in an adjustment to the amount of credit issued.

LIMITED WARRANTY:

The products listed in this catalog are warranted by the manufacturers to be free from defects in materials and workmanship for a period of one year from the date of original purchase. This warranty is in lieu of all other warranties expressed or implied. This warranty covers normal use and application and does not cover damage or defect which results from alteration, accident, neglect, improper installation, operation or maintenance.

TRP International's obligation under this warranty is limited to the repair or replacement of the defective part, and in no event shall TRP be liable for reimbursement of consequential, indirect or incidental damages of any kind.