



# GOKARTS USA .COM

## GOKART and MINIBIKE



# PARTS CATALOG



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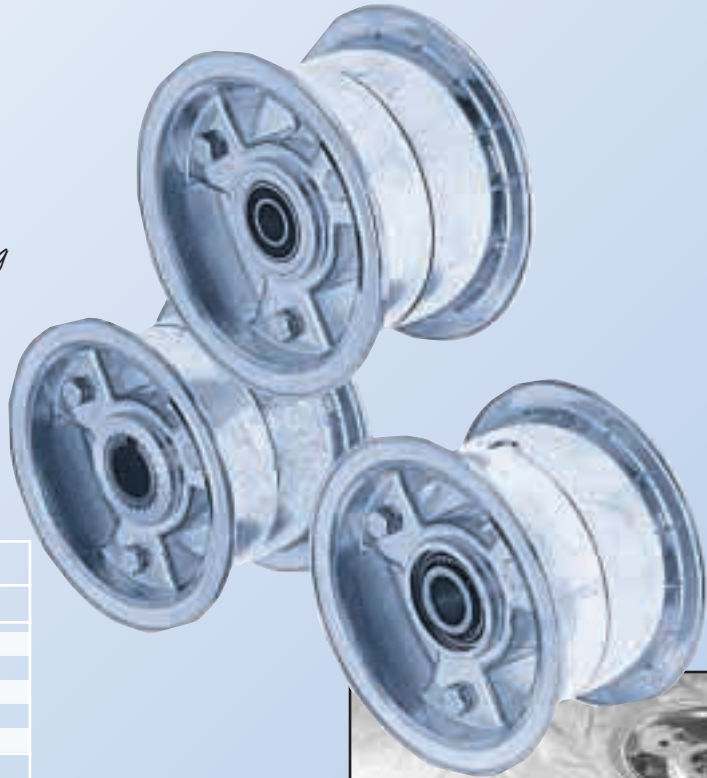
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## AZUSA'S FIVE INCH ALUMINUM SPLIT-RIM WHEELS

- ✓ Classic "TRI STAR" Design
- ✓ Bead-Biting Edges Prevent Slipping
- ✓ Split Rim for Easy Tire Mounting
- ✓ Beautiful Ball-Burnished Finish
- ✓ Grade 5 Hardware
- ✓ 3.75" Bolt Circle



5" ALUMINUM "TRI STAR" WHEELS - 3" Wide	
BALL BEARING WHEEL (BB)	Part No.
With 5/8" ID Prec Ball Bearings	1144
With 5/8" ID Std Ball Bearings	1146
With 3/4" ID Std Ball Bearings	1148
Two Halves w/Nuts & Bolts Only	1145
One Half Only	8053
TAPERED ROLLER BEARING WHEEL (TRB)	
With 5/8" ID Sealed TRB*	1135
With 3/4" ID Sealed TRB*	1136
With 3/4" ID TRB	1137
With 5/8" ID TRB	1138
With Races, Nuts & Bolts Only	1139
Two Halves w/Nuts & Bolts Only	1142
One Half Only	8052
<i>Dust shields provided w/TRB wheels except *</i>	
LIVE AXLE WHEEL	
With Steel Insert-1" to 3/4" Step	1147
Half w/Steel Insert 1" ID, 1/4" Keyway	8054
With (2) 8054 Halves-Complete	1149
Half with 3/4" Bore	8052

See [page 10](#) for Complete Wheel Dimensions

See [page 8](#) for 5" Wheel Accessories

### THE FOLLOWING TIRES WILL FIT THESE WHEELS

340/300 x 5	Sawtooth Tread
410/350 x 5	Sawtooth Tread
11-400 x 5	Turf Saver tread
11-400 x 5	Ribbed Tread
410/350 x 5	Studded Tread
10-450 x 5	Slick, Regular
340/300 x 5	Slick, Narrow
340/300 x 5	Slick, Regular
410/350 x 5	Slick, Regular
11-350 x 5	Slick, Regular
11-450 x 5	Slick, Regular
11-360 x 5	Slick, Heavy Duty
12-400 x 5	Slick, Heavy Duty

See [page 12](#) & [page 13](#) for Tire & Tube Part Numbers

### TIRE TREAD PATTERNS



Turf Saver

Studded

Narrow Slick

Saw Tooth

Ribbed

Regular Slick

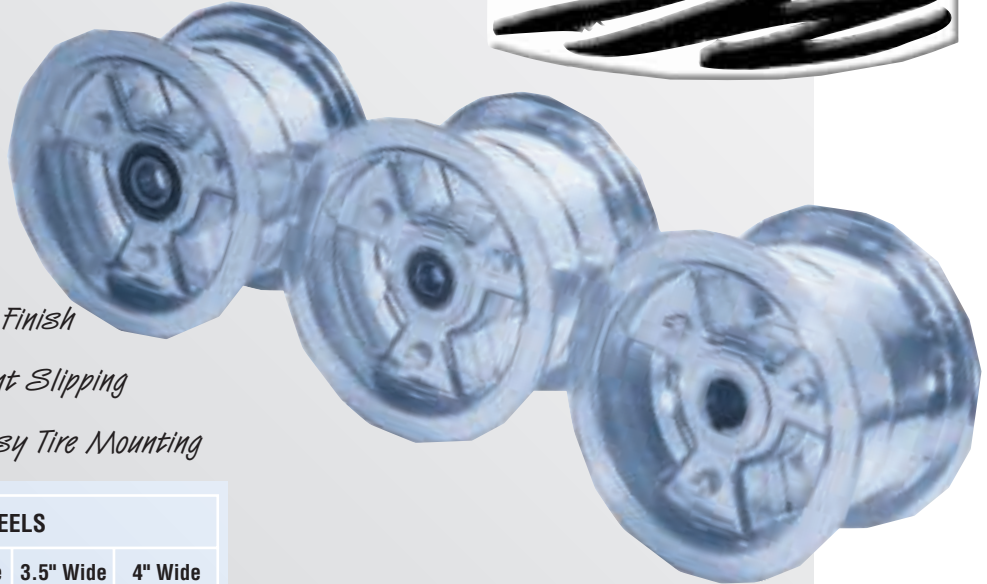
Universal



## AZUSA'S SIX INCH ALUMINUM SPLIT-RIM WHEELS



- 3.75" Bolt Circle
- Grade 5 Hardware
- Three Widths Available
- Beautiful Ball-Burnished Finish
- Bead Biting Edges Prevent Slipping
- Split-Rim Design for Easy Tire Mounting



### 6" ALUMINUM "TRI STAR" WHEELS

BALL BEARING WHEELS	3" Wide	3.5" Wide	4" Wide
With 5/8" ID Prec Ball Bearings	1193	1197	1125
With 5/8" ID Std Ball Bearings	1194	1198	1126
With 3/4" ID Std Ball Bearings	1195	1199	1127
Two Halves w/Nuts & Bolts Only	1192	1196	1124
One Half Only - 1-1/2" Wide	8001	—	—
One Half Only - 2" Wide	—	—	8014
TAPERED ROLLER BEARING WHEELS (TRB)			4" Wide
With 5/8" ID Sealed TRB*			1104
With 3/4" ID Sealed TRB*			1105
With 3/4" ID TRB			1106
With 5/8" ID TRB			1107
With Races, Nuts & Bolts Only			1108
Two Halves w/Nuts & Bolts Only			1123
One Half Only			8011
<i>Dust shields provided w/TRB wheels except*</i>			
LIVE AXLE WHEELS			4" Wide
With Steel Insert - 1" to 3/4" Step			1117
Half with Steel Insert 1" ID, 1/4" Keyway			8009
Half with 3/4" Bore			8011



6" x 3"

6" x 3-1/2"

6" x 4"

See page 10 for Complete Wheel Dimensions

### THE FOLLOWING TIRES WILL FIT THESE WHEELS

3" & 3-1/2" WIDE "TRI STAR" WHEEL		4" WIDE "TRI STAR" WHEEL	
410/350 x 6	Sawtooth	410/350 x 6	Sawtooth
410/350 x 6	Studded	410/350 x 6	Studded
13-400 x 6	Ribbed	530/450 x 6	Studded
410/350 x 6	Slick, Regular	13-500 x 6	Turf Saver
13-400 x 6	Slick, Heavy Duty	13-650 x 6	Turf Saver
		15-600 x 6	Turf Saver
		13-400 x 6	Ribbed
		13-500 x 6	Ribbed
		13-650 x 6	Ribbed
		15-600 x 6	Ribbed
		530/450 x 6	Universal
		410/350 x 6	Slick, Regular
		12-600 x 6	Slick, Regular
		13-400 x 6	Slick, Heavy Duty

See page 12 & page 13 for Tire & Tube Part Numbers

### AZUSA WHEELS WEIGHTS

- Self bonding, Indy Car Tested
- 24 Weights, 4 Bars Per Pack
- 1/4 Ounce Segments
- Buy Bulk and Save



1 Ft. - 1/4 ounce weights - Packaged	1820
1 Ft. - 1/4 ounce weights - Bulk (uncut)	1819

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## 6" CUSTOM ALUMINUM WHEELS

### THE "ASTRO"

- Grade 5 Hardware
- Ball-Burnished Finish
- Tire Bead Anchor "Pips"
- Choice Of Ball Bearing Styles
- Beautiful Cast Aluminum Design
- Split-Rim Assembly For Easy Tire Mounting



#### 6" "ASTRO" WHEEL (3" WIDE)

With 5/8" ID Prec Ball Bearings	1128
With 5/8" ID Std Ball Bearings	1129
With 3/4" ID Std Ball Bearings	1130
Two Halves w/Nuts & Bolts Only	1131
One Wheel Half Only	8003

See [page 10](#) for Complete Wheel Dimensions

#### THE FOLLOWING TIRES WILL FIT THIS WHEEL

TIRE SIZE	TREAD
410/350 x 6	Sawtooth
410/350 x 6	Studded
13-400 x 6	Ribbed
410/350 x 6	Slick, Regular
13-400 x 6	Slick, Heavy Duty

See [page 12](#) & [page 13](#) for Tire & Tube Part Nos.



## 8" CUSTOM ALUMINUM WHEELS

- Handsome Custom Design
- Burnished Aluminum Finish
- Grade 5 Hardware
- 3.25" Bolt Circle

### THE "SPINNER"



#### 8" "SPINNER" WHEEL (3" WIDE)

With 5/8" ID Prec Ball Bearings	1175
With 5/8" ID Std Ball Bearings	1176
With 3/4" ID Std Ball Bearings	1177
Two Halves w/Nuts & Bolts Only	1178
One Half Only - Side 1*	8021
One Half Only - Side 2*	8020

\*part no. is stamped inside each wheel half

See [page 10](#) for Complete Wheel Dimensions

#### THE FOLLOWING TIRES WILL FIT THIS WHEEL

TIRE SIZE	TREAD
480/400 x 8	Sawtooth
14-300 x 8	Ribbed
410/350 x 8	Ribbed
480/400 x 8	Ribbed
480/400 x 8	Slick, Regular

See [page 12](#) & [page 13](#) for Tire & Tube Part Nos.





## THE AZUSA "TEN-INCHER" STEEL WHEEL



- For 350 x 10 & 250 x 10 Tires
- Machined Bearing Seat
- Brightly Chrome Plated
- Split-Rim for Easy Tire Mounting

**Part No. 1251**  
 (10" Steel Wheel with Mounted 350 x 10 Knobby Tire)

DESCRIPTION	Unplated Less Bearings	Unplated, w/ Precision Brgs.	Plated Less Bearings	Plated, w/ Precision Bearings
Basic Wheel	10101	10121	10131	10151
Wheel w/Riveted Brake Drum	10102	10122	10132	10152
Wheel w/Riveted Brake Flanged Drum	10103	10123	10133	10153
Wheel w/Riveted #35* Sprockets & Drums - 60 tooth	10104	10124	10134	10154
Wheel w/Riveted #35* Sprockets & Drums - 72 tooth	10105	10125	10135	10155

\* If you prefer #40/41 chain, we can quote and supply sprockets for #40/41 chain, 40 through 72 tooth.

See page 10 for Complete Wheel Dimensions

## STEEL BEARING WHEELS



- One Piece, 2-3/4" Bore
- Four 1/2" Bolt Holes On 4" Circle
- Painted White Finish

## ATV & TRAILER STEEL WHEELS



- One Piece, Bearing-Hub
- White Gloss-Enamel Finish
- Welded Hubs Fit 1-3/8" OD Bearings

DIAMETER	WIDTH	HUB LENGTH	PART
4"	2.5"	3"	1022
6"	3.5"	3"	1025
6"	4.5"	3"	1026
8"	3.5"	4"	1028

Order Bearings by separate part no. (see page 14)

WHEEL SIZE	PART NO.
8" Diameter x 3-3/4" Wide	1010
8" Diameter x 5-7/8" Wide	1004
8" Diameter x 7" Wide	1005
8" Diameter x 9" Wide	1006

## TIRES FOR STEEL WHEELS

TIRE SIZE	WHEEL SIZE	WHEEL PART NO.
410/350 x 4	4 x 2-1/2	1022
410/350 x 6	6 x 3-1/2	1025
13-400 x 6	6 x 3-1/2	1025
13-500 x 6	6 x 3-1/2	1025
13-500 x 6	6 x 4-1/2	1026
530/450 x 6	6 x 4-1/2	1026
12-600 x 6	6 x 4-1/2	1026
15-600 x 6	6 x 4-1/2	1026
13-650 x 6	6 x 4-1/2	1026
480/400 x 8	8 x 3-1/2	1028
480/400 x 8	8 x 3-3/4	1010
16-650 x 8	8 x 5-3/8	1004
18-850 x 8	8 x 7	1005
18-950 x 8	8 x 7	1005
21-12.00 x 8	8 x 9	1006
22-11.00 x 8	8 x 9	1006

See page 10 for lug nuts. See page 11 for hubs.  
 See page 12 & page 13 for tire and tube part numbers.

## STEEL WHEELS WITH MOUNTED TIRES



**IMPORTANT:**  
 Review "Tire Mounting Precautions" on page 10 & page 13.

**Part No. 7030-2**  
 (8" Steel Wheel w/Mounted 480/400 x 8 Sawtooth Tire)

We can supply a variety of steel wheel sizes with mounted tires. Please contact our sales department with your desired wheel and tire sizes, preferred tread type and quantities.

[Click For Index](#)



Zytel® Nylon  
Wheels



- Three Widths
- Live Axle Model
- 3.75" Bolt Circle
- Grade 5 Hardware
- Ball Bearings To Fit 5/8" & 3/4" Axles
- Split-Rim Design For Easy Tire Mounting

**5" AZUSALITE (ZYTEL® NYLON) WHEELS**

See page 10 for Complete Wheel Dimensions



For 1-3/8" OD Ball Bearings	3" Wide	3-1/2" Wide	4" Wide
With 5/8" ID Prec Ball Bearings	1057	1061	1065
With 5/8" ID Std Ball Bearings	1058	1062	1066
With 3/4" ID Std Ball Bearings	1068	1069	1070
Two Halves w/Nuts & Bolts Only	1048	1049	1042
One Half Only w/Valve Hole	7909	7909 or 7913	7913
One Half Only w/o Valve Hole	7910	7910 or 7914	7914
For 1-5/8" OD Ball Bearings			
With 3/4" ID Prec Ball Bearings	1059	—	—
Two Halves w/Nuts & Bolts Only	1060	—	—
One Half Only w/Valve Hole	7911	—	—
One Half Only w/o Valve Hole	7912	—	—
For 1" Live Axles			
With Steel Insert - 1" to 3/4" Step	—	1064	1067
Half with Steel Insert 1" ID, 1/4" Keyway	—	—	7916
Half with 3/4" Bore & Valve Hole	7908	—	7915

**THE FOLLOWING TIRES FIT 5" AZUSALITE WHEELS**

See page 12 & page 13 for Tire & Tube Part Nos.

TIRE SIZE & TREAD	3" WIDE BB WHEELS	3.5" WIDE BB WHEELS	4" WIDE BB WHEELS	4" WIDE LIVE AXLE
11-360 x 5 Slick, Heavy Duty	✓			
340/300 x 5 Sawtooth	✓			
340/300 x 5 Slick, Narrow	✓			
340/300 x 5 Slick, Regular	✓	✓		
10-450 x 5 Slick, Regular	✓	✓	✓	✓
11-350 x 5 Slick, Regular	✓	✓	✓	✓
410/350 x 5 Sawtooth	✓	✓	✓	✓
410/350 x 5 Studded	✓	✓	✓	✓
410/350 x 5 Slick, Regular	✓	✓	✓	✓
11-400 x 5 Turf-Saver	✓	✓	✓	✓
11-400 x 5 Ribbed	✓	✓	✓	✓
11-450 x 5 Slick, Regular	✓	✓	✓	✓
12-400 x 5 Slick, Heavy Duty	✓	✓	✓	✓

**WHEEL SPACERS FOR 5" ALUMINUM WHEELS**



**SPACER BOLT & NUT KITS**



- Grade 5 Hardware
- For 2 Spacers

**BRAKE DRUM PLATFORM FOR 5" AZUSALITE WHEELS**



- 3.75" Bolt Circle
- Cast Aluminum

Wheel Spacer, 1/2" Wide	1158
Wheel Spacer, 1" Wide	1159
Wheel Spacer, 1-1/2" Wide	1160
Wheel Spacer, 2" Wide	1161

Bolt Kit for 1/2" Spacers	1162
Bolt Kit for 1" Spacers	1163
Bolt Kit for 1-1/2" Spacers	1164
Bolt Kit for 2" Spacers	1165

Brake Platform	2259
Platform w/Nuts & Bolts	2259A





## 4" AZUSALITE (ZYTEL® NYLON) WHEELS



- Split-Rim Design
- 2.92" Bolt Circle
- Grade 5 Hardware
- Tough and Lightweight
- Corrosion-Proof, Solvent Resistant
- Specially Engineered Zytel® Nylon Compound

### What is Zytel® Nylon?

Zytel® is a name trademarked by Dupont Corporation for its series of nylon resins. Azusalite Wheels are molded from a glass-reinforced, alpha-crystalline, Nylon 6 resin, designed to provide an optimal combination of tensile, impact and flexural strengths. The resin is enhanced by carbon black for the best UV protection. The resulting Azusalite wheels are strong, resilient and durable.

### 4" "AZUSALITES"

For 1-3/8" OD BALL BEARINGS	3" WIDE
With 1/2" ID Prec Ball Bearings	1051
With 5/8" ID Prec Ball Bearings	1053
With 1/2" ID Std Ball Bearings	1055
With 5/8" ID Std Ball Bearings	1054
With 3/4" ID Std Ball Bearings	1041
Two Halves w/Nuts & Bolts Only	1050
One Half Only	7900

### Tires That Fit 4" Azusalite Wheels

TIRE SIZE	TREAD
280/250 x 4	Saw Tooth
410/350 x 4	Saw Tooth
10 - 300 x 4	Ribbed
410/350 x 4	Studded
9-350 x 4	Slick, Regular
410/350 x 4	Slick, Regular
300 x 4	Turf Saver
410/350 x 4	Turf Saver

See [page 10](#) for Complete Wheel Dimensions  
See [page 12](#) & [page 13](#) for Tire & Tube Part Nos.

- 3.75" Bolt Circle
- Grade 5 Hardware
- Tough and Lightweight
- Models for Two Bearing OD Sizes
- Split-Rim Design For Easy Mounting
- Specially Engineered Zytel® Nylon Compound



### 6" "AZUSALITES"

FOR 1-3/8" OD BALL BEARINGS	3" WIDE
With 5/8" ID Prec Ball Bearings	1072
With 5/8" ID Std Ball Bearings	1073
With 3/4" ID Std Ball Bearings	1078
Two Halves w/Nuts & Bolts Only	1075
One Half Only	7921
FOR 1-5/8" OD BALL BEARINGS	3" WIDE
With 3/4" ID Prec Ball Bearings	1077
Two Halves w/Nuts & Bolts Only	1075
One Half Only	7921

See [page 10](#) for Complete Wheel Dimensions

### Tires That Fit 6" Azusalite Wheels

TIRE SIZE	TREAD
410/350 x 6	Sawtooth
13-400 x 6	Ribbed
13-500 x 6	Ribbed
410/350 x 6	Studded
410/350 x 6	Slick, Regular
13-500 x 6	Turf Saver

[Click For Index](#)

See [page 12](#) & [page 13](#) for Tire & Tube Part Nos.



### QUALITY LUG NUTS

- Tapered to Keep Wheel Centered*
- Zinc Plated*



Lug Nuts 1/2-20, each 8532

### SLOTTED HEX NUTS

- Grade 5*



SIZE	PART
1/4-28	8527
5/16-24	8535
3/8-24	8536
1/2-20	8528
5/8-18	8521
5/8-18 Thin	8518

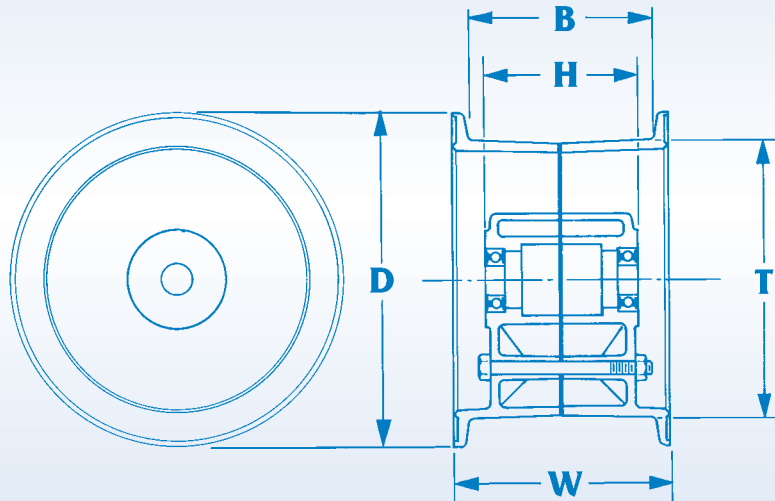
### BOLTS WITH HOLES

- Grade 5*
- Hole Drilled 3/32" from End for Safety Wire or Cotter Pin*



SIZE	PART
1/4-28 x 3/4	8412
1/4-28 x 7/8	8423
5/16-24 x 1-1/4	8414
5/16-24 x 2	8486
5/16-24 x 2-1/4	8485
3/8-24 x 1-3/4	8481
3/8-24 x 2-1/4	8482
3/8-24 x 4	8473

	Tire Size	Bead Width	Maximum Width	Wheel Diameter	Hub Width	Weight (2) Halves
<b>Aluminum Wheels</b>	T	B	W	D	H	LBS
<b>5" TRI STAR</b>						
For Ball Bearings (1-3/8 OD)	5"	3.12"	3.7"	6"	2.90"	2.4
For Live Axle	5"	3.12"	3.7"	6"	2.90"	2.4
For Tapered Roller Bearings	5"	3.12"	3.7"	6"	2.90"	2.4
<b>6" TRI STAR</b>						
For Ball Bearings (1-3/8 OD)	6"	2.75"	3.25"	7.12"	1.95"	2.1
For Ball Bearings (1-3/8 OD)	6"	3.37"	3.88"	7.12"	2.62"	2.6
For Ball Bearings (1-3/8 OD)	6"	4.00"	4.50"	7.12"	3.25"	3.2
For Live Axle	6"	4.00"	4.50"	7.12"	3.25"	3.7
For Tapered Roller Bearings	6"	4.00"	4.50"	7.12"	3.25"	3.6
<b>6" "ASTRO"</b>						
For Ball Bearings (1-3/8 OD)	6"	3.00"	3.50"	7.12"	3.00"	1.9
<b>8" "SPINNER"</b>						
For Ball Bearings (1-3/8 OD)	8"	3.00"	3.50"	9.00"	3.00"	2.5



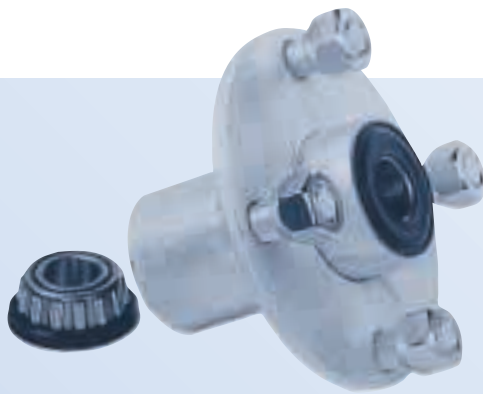
<b>Azusalite Wheels</b>	T	B	W	D	H	LBS.
<b>4" NYLON</b>						
For Ball Bearings (1-3/8 OD)	4"	2.75"	3.25"	5.00"	1.50"	.55
<b>5" NYLON</b>						
For Ball Bearings (1-3/8 OD)	5"	3.00"	3.40"	6.12"	1.50"	.86
For Ball Bearings (1-3/8 OD)	5"	3.60"	4.00"	6.12"	1.50"	1.0
For Ball Bearings (1-3/8 OD)	5"	4.20"	4.60"	6.12"	1.50"	1.1
For Ball Bearings (1-5/8 OD)	5"	3.00"	3.40"	6.12"	1.75"	.86
For Live Axle	5"	4.20"	4.60"	6.12"	2.10"	1.32
For Live Axle	5"	3.60"	4.10"	6.12"	1.95"	1.31
<b>6" NYLON</b>						
For Ball Bearings (1-3/8 OD)	6"	2.75"	3.25"	7.12"	3.25"	1.2
For Ball Bearings (1-5/8 OD)	6"	2.75"	3.25"	7.12"	3.25"	1.2
<b>10" Steel Wheel</b>						
For Ball Bearings (1-3/8 OD)	10"	2.00"	2.95"	11.00"	3.60"	5.2

### ⚠ TIRE MOUNTING SAFETY PRECAUTIONS ⚠

- NOTE: FOLLOW INFLATION LIMIT BELOW EVEN IF PRESSURE MARKING ON TIRE IS GREATER.**
1. ALWAYS LUBRICATE THE TIRE BEADS AND WHEEL RIM WITH A SOAP SOLUTION OR OTHER APPROVED TIRE LUBRICANT.
  2. USE AN EXTENSION HOSE AND AN IN-LINE GAUGE WITH REGULATED AIR PRESSURE.
  3. WHILE INFLATING USE SAFETY GLASSES AND SAFETY CAGE, OR OTHER RESTRAINING DEVICE. STAND BACK, AND DO NOT EXPOSE ANY PART OF YOUR BODY TO THE WHEEL OR TIRE.
  4. NEVER PRY AGAINST ALUMINUM WHEEL RIM TO SEAT A TIRE.
  5. DO NOT EXCEED 25 PSI TO SEAT THE TIRE ON TWO-PIECE WHEELS. THEN IF STILL NOT SEATED, DEFLATE COMPLETELY, DISASSEMBLE, AND RE-LUBRICATE AS DISCUSSED ABOVE.

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## PLATED STEEL WHEEL HUBS...



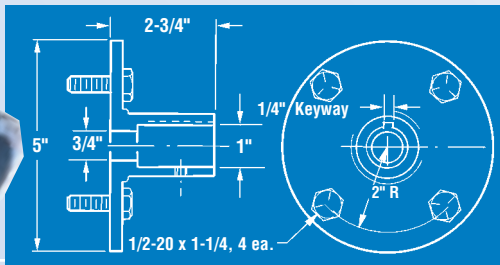
- 1/2-20 x 1-1/4" Welded Studs
- Four Bolts on a 4" Bolt Circle
- Lug Nuts Included
- Heavy Duty Steel
- Bright Zinc Plated

### ...With Tapered Roller Bearings!

Wheel Hub with 5/8" ID TRB	2299
Wheel Hub with 3/4" ID TRB	2298
Wheel Hub, 5/8" Sealed TRB	2292
Wheel Hub, 3/4" Sealed TRB	2295
Wheel Hub, less Cup & Cone	2297



### ...With Stepped Bore & Keyway!



Wheel Hub for 1" Live Axles 2282

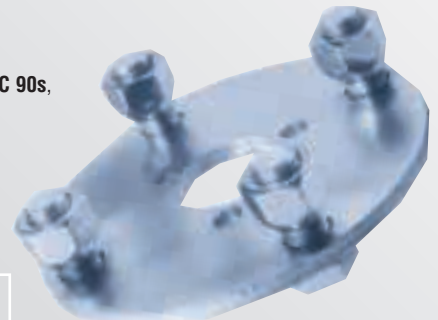


### ...With Sealed Precision Ball Bearings!

Wheel Hub with 3/4" ID Bearing 2296

## Four Bolt Adapter Plate

Originally designed for use with **Honda ATC 90s**, this versatile adapter plate is suitable for a variety of applications. It has a 4-7/8" OD, a 1-5/16" bore, three 5/16" diameter bolt holes on a 1-3/4" bolt circle and comes with four 1/2-20 zinc plated lug nuts.



Four Bolt Adapter Plate 2283

## TYPES OF BEARINGS IN WHEELS

### 1-3/8" OD BALL BEARINGS - PRECISION OR STANDARD

**Precision** Bearings have a 5/8" bore. They are sealed and have a hardened and ground raceway. These are top quality bearings and best for higher speeds and regular to heavy duty applications.

**Standard** Bearings have bores of 3/4", 5/8" and 1/2". They provide excellent economy but should be kept lubed. Limit use to slow rolling and light duty only.

### 1-5/8" OD BALL BEARING - PRECISION ONLY

This bearing has an ID of 3/4", is sealed, has a hardened and ground raceway, and is an excellent alternative to the more expensive sealed Tapered Roller Bearing. Same top quality as our 5/8" ID precision bearing.

### TAPERED ROLLER BEARINGS (TRB) SEALED OR W/DUST SHIELD

TRBs, used for more strenuous applications, employ a Cup (Race) pressed into the wheel, a Cone (Bearing) and, for the non-sealed type only, a Dust Shield. TRBs have a bore of 3/4" but can be reduced to 5/8".

The Sealed TRB provides protection from the elements over and above that offered by the non-sealed type with Dust Shield. Dust Shields are included with the non-sealed type and your purchase of Azusa Wheels.

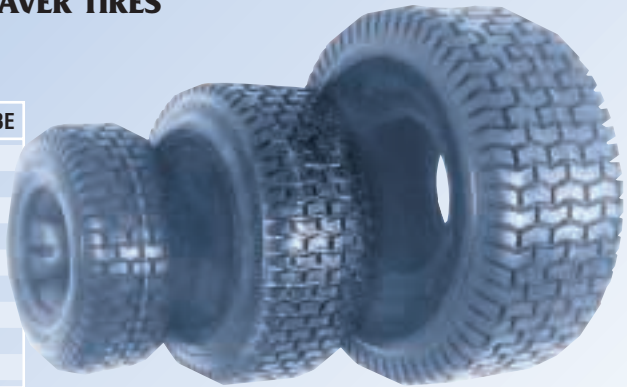


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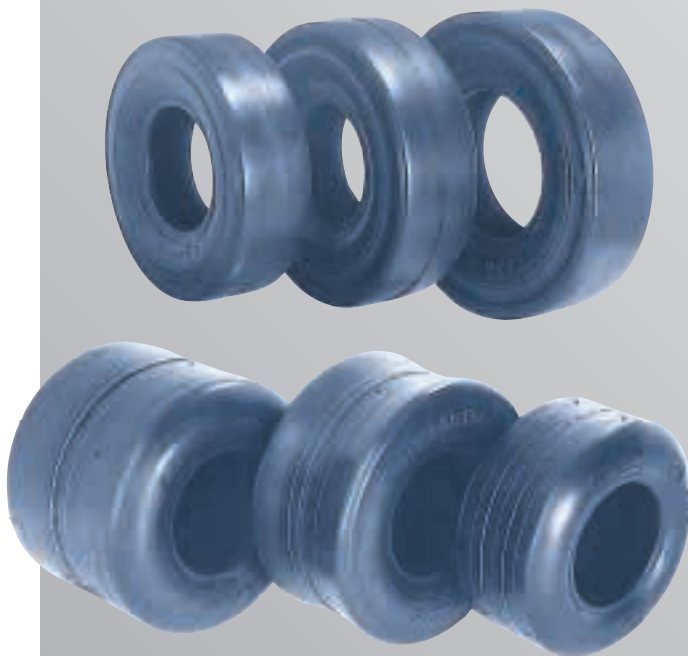


## TURF SAVER TIRES



SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
300 x 4	7072	4	3.0"	10.0"	7128
410/350 x 4	7057-2	2	3.5"	10.3"	7130
11-400 x 5	7047	4	4.0"	10.7"	7131
13-500 x 6	7049	4	4.4"	12.8"	7133
13-650 x 6	7052	4	6.0"	12.5"	7141
15-600 x 6	7048	4	6.1"	14.8"	7125
16-650 x 8	7015	4	6.4"	16.4"	7118
18-850 x 8	7026-2	2	8.0"	17.0"	7120
18-950 x 8	7028	4	9.0"	17.5"	7120

## SLICKS



SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
9-350 x 4	7090	4	3.5"	8.0"	7128
410/350 x 4	7041	4	3.5"	10.5"	7130
340/300 x 5N	7045	4	2.5"	10.8"	7131
340/300 x 5	7042	4	3.5"	10.8"	7131
11-350 x 5	7029	4	3.7"	11.0"	7132
410/350 x 5	7043	4	3.5"	11.5"	7132
11-360 x 5H	7094	4	3.6"	11.0"	7131
11-350 x 5	7029	4	3.7"	11.0"	7132
12-400 x 5H	7095	4	4.0"	12.0"	7132
11-450 x 5	7016-2	2	4.2"	10.5"	7132
10-450 x 5	7060	4	5.0"	9.5"	7131
11-600 x 5C	7092-2	2	5.3"	10.5"	7116
11-600 x 5	7061	4	5.5"	10.5"	7116
11-600 x 5	7093	4	6.25"	11.0"	7116
11-710 x 5	7062	4	8.0"	10.0"	7116
410/350 x 6	7044	4	3.5"	12.6"	7133
13-400 x 6H	7096	4	4.0"	13.0"	7133
12-600 x 6	7017-2	2	6.0"	11.8"	7127
480/400 x 8	7004-2	2	4.6"	16.3"	7121
16-650 x 8	7055	4	6.5"	15.5"	7118
18-950 x 8	7019	4	9.5"	15.5"	7120

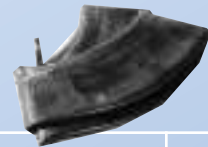
N - Narrow C - Carlisle Super Slick H - Heavy Duty (Concession Kart)

\* Tire Width & OD are nominal.

## INNER TUBES



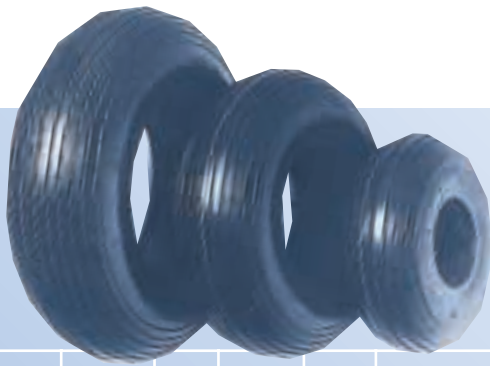
\*\* indicates straight stem. All other tube stems are bent.



SIZE	PART
200 x 50	7143
280/250 x 4	7129
300 x 4	7128
410/350 x 4	7130
340/300 x 5	7131
410/350 x 5	7132
11-400 x 5	7135
11-600 x 5	7116

SIZE	PART
410/350 x 6	7133
410/350 x 6**	7144
12-600 x 6	7127
13-500 x 6	7136
13-500 x 6**	7122
13-650 x 6	7141
530/450 x 6	7134
15-600 x 6	7125
145/70 x 6	7140
800 x 6	7138

SIZE	PART
16-800 x 7**	7119
325/350 x 8**	7123
480/400 x 8	7124
480/400 x 8**	7121
16-650/750 x 8**	7118
18-850/950 x 8**	7120
250x10**	7126
325/350 x 10**	7137
20.5-800 x 10**	7142

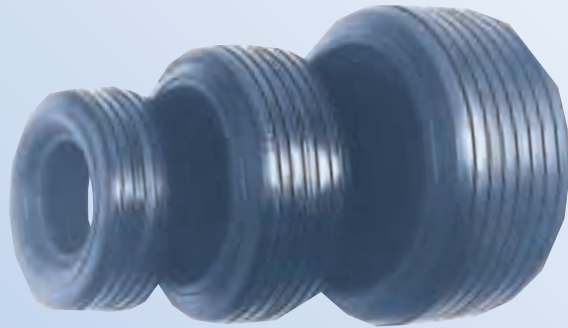


**RIBBED, Round Profile**



SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
200 x 50	7071-2	2	2.1"	7.5"	7143
10-300 x 4R	7014	4	3.2"	10.0"	7128
11/400 x 5R	7164	2	3.2"	10.5"	7131
11-400 x 5	7046-8	8	3.2"	10.8"	7131
11-400 x 5	7046	4	3.9"	10.5"	7131
13-400 x 6R	7011-2	2	4.1"	13.0"	7133
13-400 x 6R	7005	4	4.1"	13.0"	7133
13-500 x 6	7168	2	4.8"	12.6"	7133
13-500 x 6	7018	4	4.8"	12.6"	7133
13-650 x 6	7031	4	6.0"	12.5"	7141
15-600 x 6	7169	2	5.9"	14.8"	7125
15-600 x 6	7050	4	5.9"	14.8"	7125
15-600 x 6C	7088	4	6.0"	15.0"	7125
800 x 6	7007	4	8.0"	16.0"	7138
14-300 x 8R	7008-2	2	3.2"	14.0"	7123
410/350 x 8R	7003-2	2	3.5"	15.3"	7123
480/400 x 8R	7012	4	4.6"	16.3"	7121
16-650 x 8	7024-2	2	6.4"	16.4"	7118
18-850 x 8	7002	4	8.0"	16.5"	7120
18-950 x 8	7027	4	8.0"	17.4"	7120

C - Carlisle R - Round Profile



**RIBBED, Flat Profile**



**SAWTOOTH**

SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
280/250 x 4	7035	4	2.8"	8.8"	7129
410/350 x 4	7036	4	3.5"	10.5"	7130
340/300 x 5	7038	4	3.5"	10.5"	7131
410/350 x 5	7037	4	3.5"	11.5"	7132
410/350 x 6	7039	4	4.0"	12.5"	7133
530/450 x 6	7051	4	5.3"	14.7"	7134
480/400 x 8	7010-2	2	4.6"	16.0"	7121

SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
200 x 50	7073	4	2.1"	7.5"	7143
410/350 x 4	7032	4	3.5"	10.5"	7130
410/350 x 5	7033	4	3.5"	11.5"	7132
410/350 x 6	7034	4	4.0"	12.5"	7133
530/450 x 6	7058	4	5.3"	14.7"	7134
530/450 x 6U	7040	4	5.3"	14.7"	7134
530/450 x 6U	7056-6	6	5.3"	14.7"	7134
250/275 x 10U	7020	4	2.5"	15.3"	7126
350 x 10	7009	4	3.7"	17.5"	7137
410/350 x 10U	7013	4	3.7"	17.5"	7137
145-70 x 6K	1222	2	6.0"	14.2"	7140
16-800 x 7K	7022	4	7.4"	16.0"	7119
16-650 x 8K	7023	2	6.4"	16.4"	7118
18-950 x 8K	1228	2	8.5"	17.3"	7120
20-700 x 8K	1226	2	7.2"	20.0"	7120
22-11.00 x 8K	1225	2	9.0"	22.0"	7120

U - Universal Tread K - Knobby Additional ATV tires available - please inquire

**STUDDED, KNOBBY & UNIVERSAL**



\* Tire Width & OD are nominal.

**TIRE MOUNTING SAFETY PRECAUTIONS**



**WARNING!**



**NOTE: FOLLOW INFLATION LIMIT SET FORTH IN PRECAUTION NO. 5 BELOW EVEN IF PRESSURE MARKING ON TIRE IS GREATER.** 1. ALWAYS LUBRICATE THE TIRE BEADS AND WHEEL RIM WITH A SOAP SOLUTION OR OTHER APPROVED TIRE LUBRICANT. 2. USE AN EXTENSION HOSE AND AN IN-LINE GAUGE WITH REGULATED AIR PRESSURE. 3. WHILE INFLATING USE SAFETY GLASSES AND SAFETY CAGE, OR OTHER RESTRAINING DEVICE. STAND BACK, AND DO NOT EXPOSE ANY PART OF YOUR BODY TO THE WHEEL OR TIRE. 4. NEVER PRY AGAINST ALUMINUM WHEEL RIM TO SEAT A TIRE. 5. DO NOT EXCEED 25 PSI TO SEAT THE TIRE ON TWO-PIECE WHEELS. THEN IF STILL NOT SEATED, DEFLATE COMPLETELY, DISASSEMBLE, AND RE-LUBRICATE AS DISCUSSED ABOVE.

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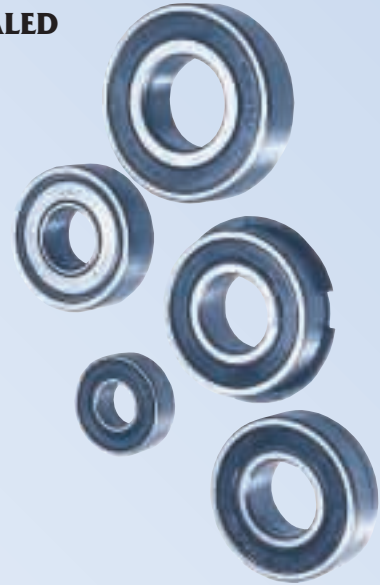
### PRECISION BALL BEARINGS, SEALED

ID	OD	PART
3/8"	7/8"	8225
1/2"	1.26"	8224
1/2"	1-3/8"	8203
5/8"	1-3/8"	8206
5/8"	1-3/8"	8205*
3/4"	1.572"	8254
3/4"	1-5/8"	8219
1"	2"	8207
1-1/4"	2-1/4"	8202

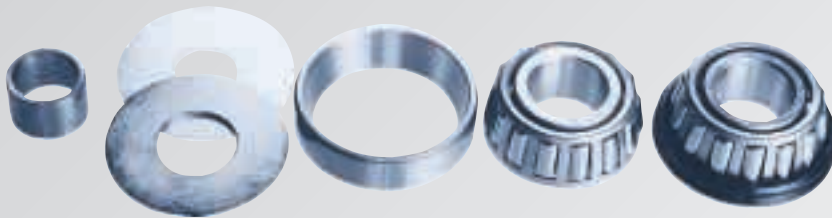
\*with Snap Ring

### STANDARD ECONOMY BALL BEARINGS

ID	OD	PART
1/2"	1-3/8"	8222
5/8"	1-3/8"	8204
3/4"	1-3/8"	8201

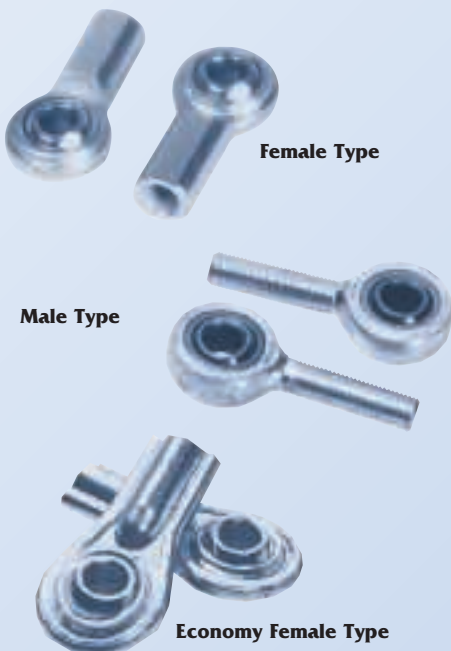


### TAPERED ROLLER BEARINGS - 1.781 OD



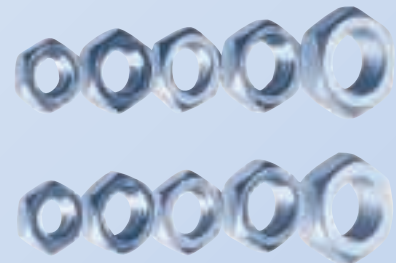
DESCRIPTION	PART
Reducer Bushing - 3/4" to 5/8"	8271
Dust Shield - 3/4" ID	8301
Dust Shield - 5/8" ID	8305
Race (cup)	8257
Roller (cone) - 3/4" ID	8256
Sealed Roller (cone) - 3/4" ID	8229
Roller (cone) - 5/8" ID	8258
Sealed Roller (cone) - 5/8" ID	8228

### ROD END BEARINGS - MALE & FEMALE



FEMALE - DELUXE	PART
5/16-24 Right	8221
5/16-24 Left	8221-L
3/8-24 Right	8244
3/8-24 Left	8244-L
7/16-20 Right	8245
MALE - DELUXE	PART
1/4-28 Right	8250-R
1/4-28 Left	8250-L
5/16-24 Right	8248
5/16-24 Left	8249
8mm Right	8251-R
8mm Left	8251-L
3/8-24 Right	8246
3/8-24 Left	8247
FEMALE - ECONOMY	PART
5/16-24 Right	8220
5/16-24 Left	8220-L
3/8-24 Right	8243
3/8-24 Left	8243-L

### JAM NUTS



DESCRIPTION	PART
1/4-28 Right	8531
1/4-28 Left	8537
8mm Right	8540
8mm Left	8541
5/16-24 Right	8523
5/16-24 Left	8529
3/8-24 Right	8512
3/8-24 Left	8530
7/16-20 Right	8513
5/8-18 Right	8524
3/4-16 Right	8525



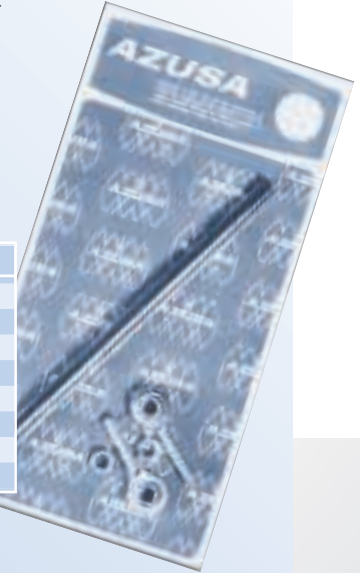


### TUBULAR TIE RODS & KITS



- 5/16-24 Left & Right Threads
- Eight Standard Lengths\*
- Strong, Lightweight
- Chrome Plated
- Skin Packed Kits
- Top Quality

SIZE		LENGTH*	KITS	TUBES ONLY
5/16-24	x	9"	1849-090	8227-090
5/16-24	x	9-1/2"	1849-095	8227-095
5/16-24	x	9-7/8"	1849-099	8227-099
5/16-24	x	10"	1849-100	8227-100
5/16-24	x	10-1/2"	1849-105	8227-105
5/16-24	x	10-3/4"	1849-107	8227-107
5/16-24	x	11"	1849-110	8227-110
5/16-24	x	11-7/16"	1849-115	8227-115



**Each Kit Includes:**

- (1) Tubular Tie Rod
- (2) Deluxe Rod Ends - Right & Left
- (2) Jam Nuts - Right & Left

### SOLID TIE RODS & KITS

- Adjustable & Trimmable
- Extra-Long Threads
- Plated Steel

**Each Deluxe Kit Includes:**

- (1) Solid Tie Rod
- (2) Deluxe Rod End Bearings
- (2) Jam Nuts



**Each Economy Kit Includes:**

- (1) Solid Tie Rod
- (2) Economy Rod End Bearings
- (2) Jam Nuts

SIZE		LENGTH*	DELUXE KIT	ECONOMY KIT	TIE ROD ONLY
5/16-24	x	11"	1842-11	1843-11	8275-11
5/16-24	x	15"	1842-15	1843-15	8275-15
5/16-24	x	24"	1842-24	1843-24	8275-24
3/8-24	x	13"	1844-13	1841-13	8276-13

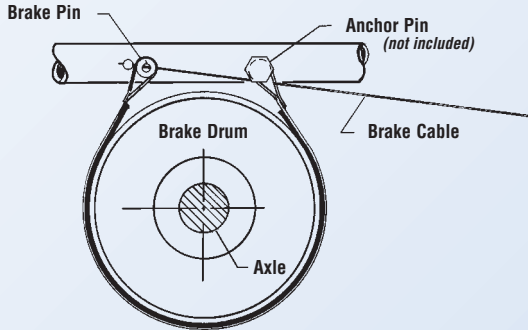
\*Other Lengths Available in Quantity; Please Inquire re: Desired Lengths & Minimum Order Requirements

[Click For Index](#)



## AZUSA 4" & 4-1/2" BAND BRAKES

Our Band Brakes are simple, effective and economical for a variety of light duty small vehicles. They were designed to work with our 4" and 4-1/2" Drums, but will work well with any drum ranging in size from 3-7/8" through 4-5/8" O.D. Brake Pin included.



- Spring-Steel Bands*
- 2 Piece Bonded Brake Lining*
- Steel Brake Pin with Cable Hole*
- Riveted End/Mounting Brackets*
- Economical*



DESCRIPTION – 4-1/2"	PART
Band Brake for 4-1/2" Drum + Pin - Skin-Packed	2255
Band Brake for 4-1/2" Drum + Pin - Bulk	2255-B
Brake Pin (Replacement)	2254

DESCRIPTION – 4"	PART
Band Brake for 4" Drum + Pin - Skin-Packed	2251
Band Brake for 4" Drum + Pin - Bulk	2251-B
Brake Pin (Replacement)	2254

### 4-1/2" BRAKE DRUM

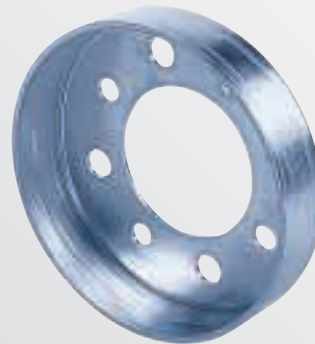
Flanged drum has 6 holes on a 5-1/4" bolt circle. All drums have three sets of mounting holes: 3 and 4 hole on a 3.75" bolt circle and a 4 hole on a 3.228" bolt circle.



- Machined OD for Band Brake Use*

DESCRIPTION	PART
Drum, 4-1/2", Machined OD, No Flange	2211-OD
Drum, 4-1/2", Machined OD, No Flange	2213-OD

### 4" BRAKE DRUM



- For Use with 4" Band Brake*
- 2.875" Bolt Circle*
- 4 Holes - 5/16" & 3/8"*

DESCRIPTION	PART
Brake Drum, 4", No Flange	2541

# AZUSA 4-1/2" BRAKES FOR MINI VEHICLES



\*Actuator arm available with right offset, left offset or straight. Unless otherwise specified right-hand offset actuator arm will be supplied as illustrated.

- Two Backing Plate Styles
- Three Actuator Arm Choices\*
- Bonded Brake Shoes
- 5/8", 3/4" or 1" Axle Bore



### ROUND BACKING PLATE BRAKE ASSY

DESCRIPTION	PART
Steel backing plate, 5/8" bore	2270S
Aluminum backing plate, 5/8" bore	2270A
Steel backing plate, 3/4" bore	2272S
Aluminum backing plate, 3/4" bore	2272A
Steel backing plate, 1" bore	2271S
Aluminum backing plate, 1" bore	2271A

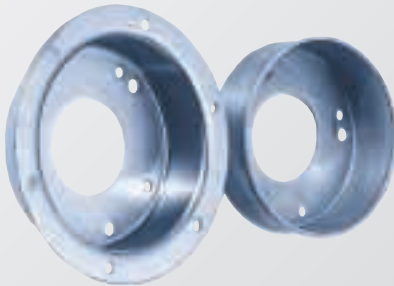
### RENEWAL PARTS

DESCRIPTION	PART
Lined Brake Shoes, Pair	2260
Actuator Arm	2263
Spring (2 required)	2264
Cam	8235
Lockwasher-Split	8302
Flat Washer	8304
Locknut for Cam, 5/16-18	8510

### ANCHOR BACKING PLATE ASSEMBLY

DESCRIPTION	PART
Steel anchor backing plate, 5/8" bore	2208
Steel anchor backing plate, 1" bore	2269

## 4-1/2" BRAKE DRUMS - MACHINED



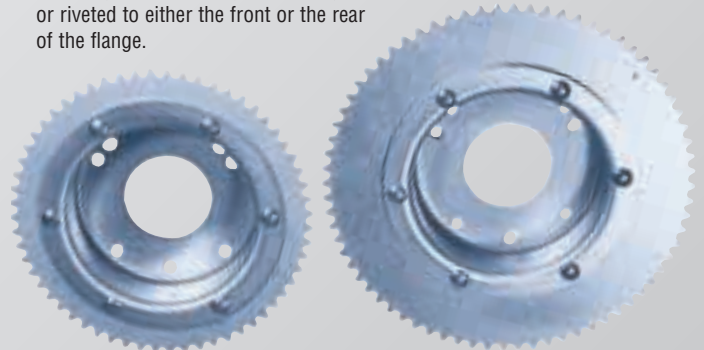
Flanged drum has 6 holes on a 5-1/4" bolt circle. All are machined either "ID" for brakes on this page, or "OD" for band brakes (pg. 16). All drums have three sets of mounting holes: 3 and 4 hole on a 3.75" diameter bolt circle and a 4 hole to match the mini-hub pattern. (pg. 24)

DESCRIPTION	PART
Drum, no Flange	2211-*
Drum with Flange	2213-*

\* Specify machined surface either "-ID" or "-OD"

## RIVETED SPROCKET/DRUM ASSEMBLIES

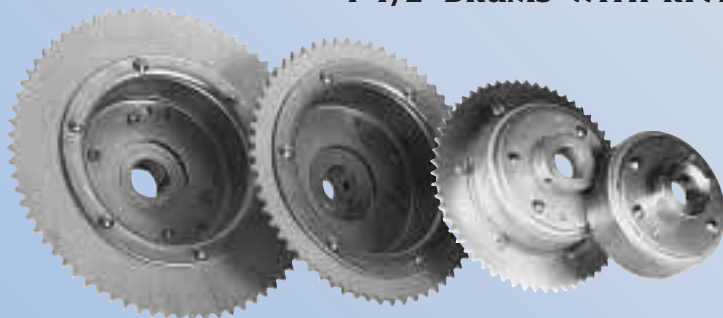
A #35 chain 60 tooth or 72 tooth Steel Sprocket is riveted to a machined #2213 Drum to provide a strong, reliable unit at very economical prices. We can provide other sprockets of your choice which can then be bolted or riveted to either the front or the rear of the flange.



DESCRIPTION	PART
Drum & 60 Tooth Sprocket, Pltd.	2217-*
Drum & 72 Tooth Sprocket, Pltd.	2218-*

\* Specify machined surface either "-ID" or "-OD"

## 4-1/2" DRUMS WITH RIVETED HUBS



These machined Drums feature the Azusa Mini-Hub, factory riveted to any of our 4 1/2" drum variations for use on a 1" Live Axle. Ideal for small, low horsepower vehicles. (Set Screws and Key included.)

DESCRIPTION	PART
72 Tooth Sprocket, Drum & Hub Kit, #35 Chain	2268-*
60 Tooth Sprocket, Drum & Hub Kit, #35 Chain	2267-*
Flanged Drum & Hub kit	2266-*
Standard Drum & Hub kit	2265-*

\* Specify machined surface either "-ID" or "-OD"

[Click For Index](#)



# 5" & 6" BRAKES and Accessories

## 5" BRAKE DRUM



5" Brake Drum w/o Flange (3-1/4" Bolt Circle) 2542



Azusa 5" Brake Assembly 2530

## 5" INTERNAL EXPANDING BRAKE

- ✓ Black Anodized Aluminum Backing Plate
- ✓ Sturdy Arm Allows For 8 Positions
- ✓ Only 16 Ounces Total Weight
- ✓ Bonded Brake Shoes

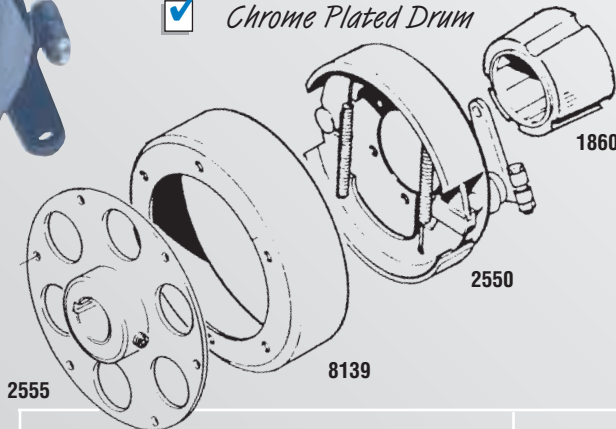
With a 5/8" bore and only 1-3/8" wide, this sturdy, lightweight, economical 5" internal expanding brake may be just the unit for your small vehicle.

5" BRAKE ASSEMBLY COMPONENTS	PART
Backing Plate	2532
Actuating Cam	2533
Brake Arm	2537
Lined Shoes, Pair	2538
Spring	2539
Cotter Pin	8418
Lockwasher 5/16	8302
Locknut 5/16-18	8510

## 6" INTERNAL EXPANDING BRAKE



- ✓ Adjustable Actuator Arm
- ✓ Premium Bonded Linings
- ✓ Machined Braking Surface
- ✓ Chrome Plated Drum



COMPLETE HUB & BRAKE KITS	PART
6" Brake, Plated Drum, Mounted Uni-Hub - 1" ID Bore with 1/4" Keyway	2551
As above plus Spacer & Hardware	2552
KIT COMPONENTS	PART
6" Brake Assembly, Less Drum	2550
Uni-Hub (1" ID with 1/4" Keyway)	2555
Drums - 4-9/16" Bore:	
• Unplated	8138
• Plated	8139
• Unplated with Riveted Uni-Hub	8149
• Plated with Riveted Uni-Hub	8142

RENEWAL COMPONENTS	PART
Brake Shoes with Bonded Lining, Bulk, Pair	8100
Brake Shoes with Bonded Lining, Packaged, Pair	8101
Spring - Short (2 required)	8455
Spring - Long (2 required)	8456
Arm Assembly Kit with Fasteners	8147
Cam Assembly	8148

## BONDED SHOES FOR 6" AZUSA BRAKE

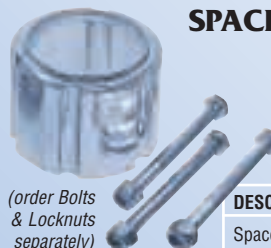
- ✓ Economical Replacement for Worn Components

DESCRIPTION	PART
Pair, Bulk	8100
Pair, Skin-Packed	8101



## SPACER - BRAKE TO HANGER

This die-cast spacer secures the 6" brake accurately to the frame hanger. It is designed to adapt to either the two or three hole flangerettes. (Use #8465 Bolts and #8510 Locknuts)



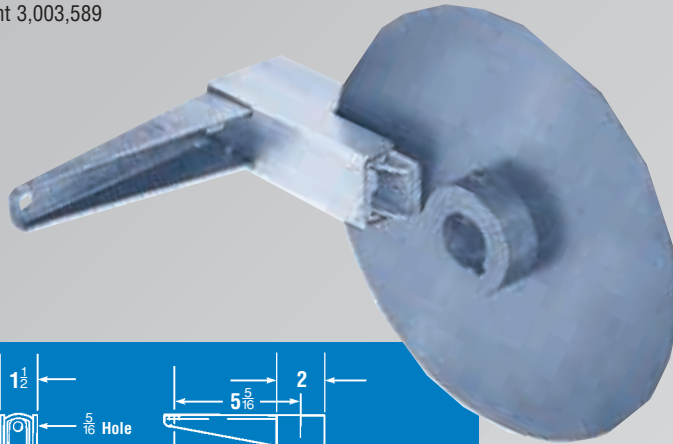
(order Bolts & Locknuts separately)

DESCRIPTION	PART
Spacer - Brake to Hanger (w/o hardware)	1860

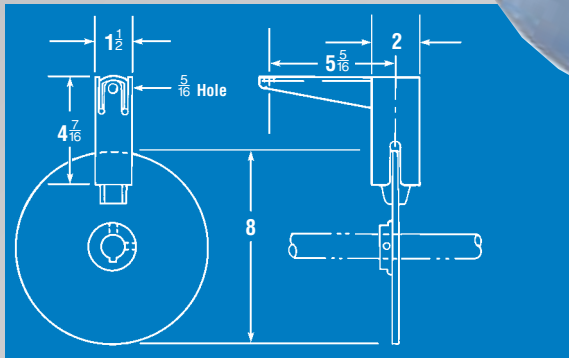


## AZUSA "POSI STOP" MECHANICAL DISC BRAKE

U.S. patent 3,003,589



- 1" Axle Bore With 1/4" Keyway
- Dual Pads of Bonded Lining
- Self Aligning to Disc
- All Self-Contained



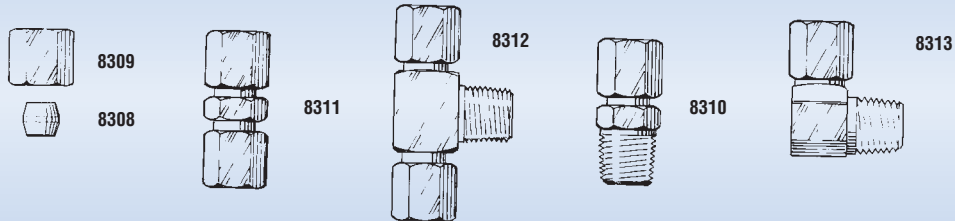
1822



1823

DESCRIPTION	PART
Brake Assembly without Disc	1822
Disc Only, 8" Diameter, 1" Bore	1823
Replacement Shoes with Lining (2 required)	8118

## BRASS FITTINGS FOR HYDRAULIC BRAKES

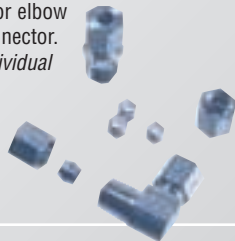


DESCRIPTION	PART
Compression Ferrule, 3/16"	8308
Compression Nut, 3/16"	8309
Connector, 3/16" tube to 1/8" tube N.P.T.	8310

DESCRIPTION	PART
Full Union, 3/16" tube to 3/16" tube N.P.T.	8311
Male Run Tee, 3/16" tube to 1/8" N.P.T.	8312
Male Adapter Elbow, 3/16" tube to 1/8" N.P.T.	8313

## BRASS HYDRAULIC FITTINGS KIT

Assortment consisting of the most needed replacement fittings: (4) 3/16 compression ferrules, (2) 3/16 compression nuts, a 90° adaptor elbow and a straight connector. See above for individual part numbers.



Brass Fittings Kit

2253

## NYLON HYDRAULIC BRAKE LINE

Super tough, 2,500 psi nylon pressure tubing, resists abrasion like steel. Replaces standard hydraulic line on all recreational vehicles.



It is also great for throttle cable housing, and the price is right! 3/16" O.D. 10 ft. minimum per order.

Pressure Tubing, 3/16 Nylon, per ft.

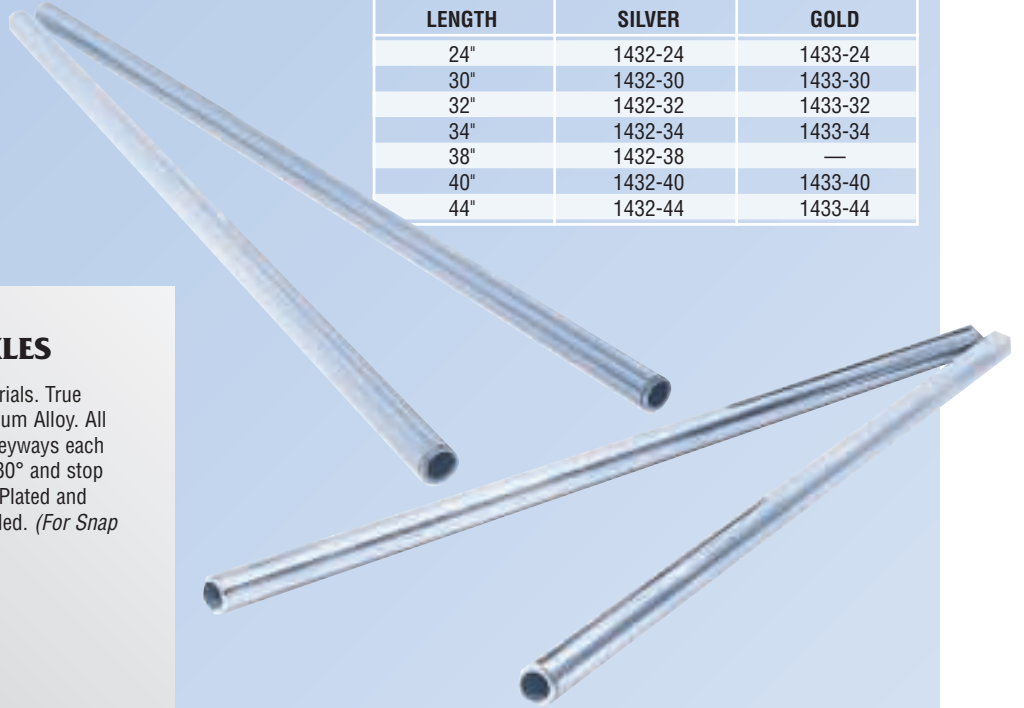
8307



## ALUMINUM TUBULAR AXLES

1-1/4" O.D. • .195" WALL • ANODIZED ALUMINUM

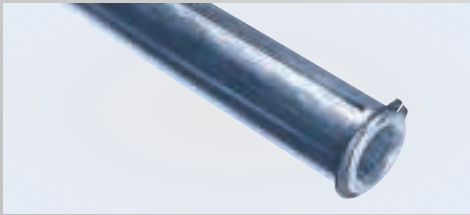
LENGTH	SILVER	GOLD
24"	1432-24	1433-24
30"	1432-30	1433-30
32"	1432-32	1433-32
34"	1432-34	1433-34
38"	1432-38	—
40"	1432-40	1433-40
44"	1432-44	1433-44



## AZUSA TUBULAR AXLES

Azusa offers tubular axles in three quality materials. True Chrome-Moly Steel, Standard Steel and Aluminum Alloy. All are centerless ground for a true surface. Two keyways each running half the length of the axle, are offset 180° and stop 1/4" before the snap ring grooves at each end. Plated and poly-wrapped for protection. Snap Rings included. (For Snap Ring part numbers, see [page 49](#).)

- Chrome-Moly Steel
- Standard Steel
- Strong & Lightweight
- All Centerless Ground
- Opposing, Offset Keyways
- Aluminum Alloy, Anodize Finish



## STANDARD STEEL TUBULAR AXLES

1-1/4" O.D. • .190" WALL • STANDARD STEEL

LENGTH	PART	LENGTH	PART
34"	1420-34	40"	1420-40
36"	1420-36	42"	1420-42
38"	1420-38	44"	1420-44

## CHROME-MOLY TUBE AXLES 4130 STEEL



DIAMETER	KW	LENGTH	.190 wall*	.250 wall*
1-1/4"	1/4"	23"	1421-23	—
1-1/4"	1/4"	26"	1421-26	—
1-1/4"	1/4"	32"	1421-32	—
1-1/4"	1/4"	34"	1421-34	1424-34
1-1/4"	1/4"	36"	1421-36	1424-36
1-1/4"	1/4"	37"	1421-37	—
1-1/4"	1/4"	38"	1421-38	—
1-1/4"	1/4"	39"	1421-39	—
1-1/4"	1/4"	40"	1421-40	1424-40
1-1/4"	1/4"	42"	1421-42	1424-42
1-1/4"	1/4"	44"	1421-44	1424-44
1-1/4"	1/4"	46"	1421-46	1424-46
1-1/4"	1/4"	48"	1421-48	—

\*Nominal after centerless grinding

DIAMETER	KW	LENGTH	.130 wall*	.156 wall*	.225 wall*
1-3/8"	1/4"	34"	—	—	1422-34
1-3/8"	1/4"	36"	—	—	1422-36
1-3/8"	1/4"	40"	—	—	1422-40
1-3/8"	1/4"	42"	—	—	1422-42
1-3/8"	1/4"	44"	—	—	1422-44
1-1/2"	1/4"	40"	—	1440-40	—
1-1/2"	1/4"	42"	—	1440-42	—
1-1/2"	1/4"	44"	—	1440-44	—
35mm	5/16"	40"	—	—	1423-40
35mm	5/16"	44"	—	—	1423-44
40mm	(blank)	40"	1425-40B	—	—
40mm	(blank)	42"	1425-42B	—	—
40mm	(blank)	44"	1425-44B	—	—

\*Nominal after centerless grinding





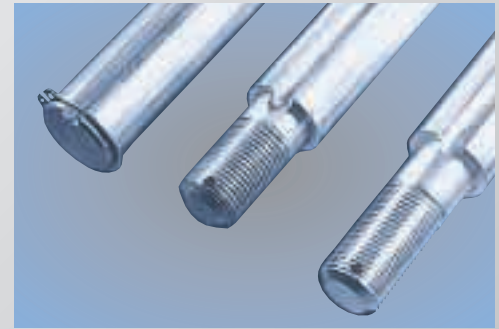
## STANDARD STEEL AXLES

For economy and serviceability, Azusa Standard Axles are the ones to use. They have two 1/4" keyways, 180° offset, 3/4-16 threads, three types of ends and seven different lengths. Plated and poly-wrapped for protection.

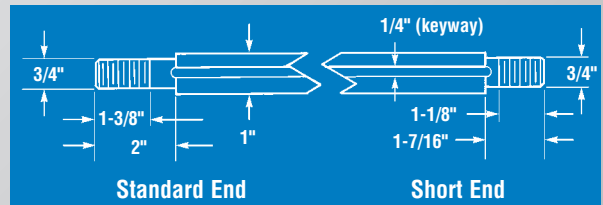
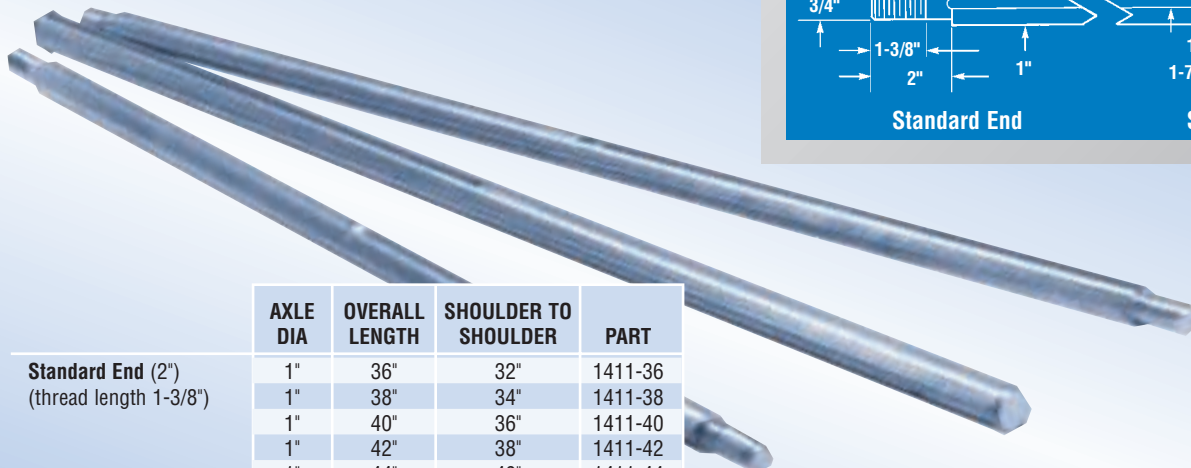


	AXLE DIA.	OVERALL LENGTH	SHOULDER TO SHOULDER	PART
<b>Standard End (2")</b> (thread length 1-3/8")	1"	34"	30"	1401-34
	1"	36"	32"	1401-36
	1"	38"	34"	1401-38
	1"	40"	36"	1401-40
	1"	42"	38"	1401-42
	1"	44"	40"	1401-44
	1"	54"	50"	1401-54
<b>Short End (1-1/2")</b> (thread length 1-1/8")	1"	36"	33"	1402-36
	1"	38"	35"	1402-38
	1"	40"	37"	1402-40
	1"	42"	39"	1402-42
<b>Snap Ring End (no step)</b> <small>(Snap Rings Included; for Snap Ring part nos., see page 49)</small>	1"	30"	30"	1403-30
	1"	38"	38"	1403-38
	1"	40"	40"	1403-40

- Brightly Plated*
- Offset Keyways*
- Stepped-Down Threaded Ends or Snap Ring Grooves*
- One Inch or 25mm Diameter*
- Flexpruf Steel or Standard Steel*



## DELUXE FLEXPURF STEEL AXLES



	AXLE DIA.	OVERALL LENGTH	SHOULDER TO SHOULDER	PART
<b>Standard End (2")</b> (thread length 1-3/8")	1"	36"	32"	1411-36
	1"	38"	34"	1411-38
	1"	40"	36"	1411-40
	1"	42"	38"	1411-42
	1"	44"	40"	1411-44
<b>Short End (1-1/2")</b> (thread length 1-1/8")	1"	36"	33"	1412-36
	1"	38"	35"	1412-38
	1"	40"	37"	1412-40
<b>Snap Ring End (no step)</b> <small>(Snap Rings Included; for Snap Ring part nos., see page 49)</small>	25mm	40"	40"	1414-40
	1"	40"	40"	1413-40

We have selected an extremely tough steel for our high quality Deluxe Flexpruf Axles. The ends step down from 1" to 3/4" and have a 3/4-16 thread. Two keyways (1/4") are offset 180° for stress relief, balance and unrestricted positioning of brakes, bearings and hubs. Ends are drilled for your cotter pins or safety wire. Plated and poly-wrapped for protection.

[Click For Index](#)

# Live Axle Bearings and Kits



## STANDARD AXLE BEARINGS

- Ground or Honed Surfaces
- Hardened Chrome Steel
- Integral Locking Collar
- ANSI Standards

DESCRIPTION	PART
for 1" Axles	8211
for 1-1/4" Axles	8208
for 3/4" Axles	8265

## FREE SPINNING AXLE BEARINGS (Azusa & NTN)

- Dual Set Screw Anchors
- Integral Locking Collar
- Highest Quality
- Labyrinth Seal



DESCRIPTION	PART
for 1-1/4" Axles	8209
for 1-1/4" Axles (NTN)	8214
for 1-3/8" Axles	8260
for 1-1/2" Axles	8263
for 35mm Axles	8261
for 40mm Axles	8262

*Free spinning bearings must be lubricated frequently with a light, low viscosity oil.*

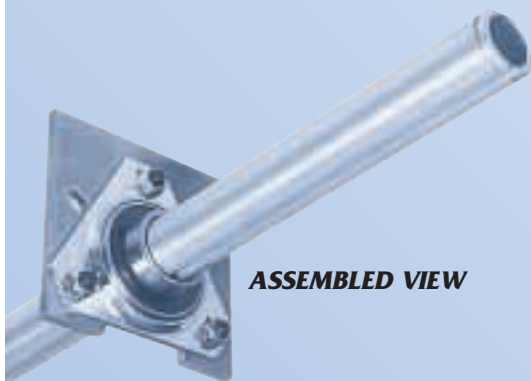
## LIVE AXLE BEARING KITS AND COMPONENTS

These kits include everything needed to assemble a live axle to your frame. The bearing hangers are designed to accept either the two or three hole bearing flangettes. Will work with all Azusa axles. For very long axles, an additional bearing and hanger may be needed.



### BEARING KITS

DESCRIPTION	FOR 1" AXLES		FOR 1 1/4" AXLES	
	Standard	Free Spinning	Standard	Free Spinning
Kit with 2 Hole Flangettes	1861A	—	—	—
Kit with 3 Hole Flangettes	1861B	1864	1863	—
<b>COMPONENTS - EACH</b>				
1" Axle Bearing (2)	8211	—	—	—
1 1/4" Free Spinning Bearing (2)	—	8209	—	—
1 1/4" Standard Bearing (2)	—	—	8208	—
Bearing Hanger (2)	8127	8130	8130	—
Flangette - 2 Hole (4) or...	8212	—	—	—
Flangette - 3 Hole (4)	8213	8217	8217	—
Bolts - 5/16-18 x 3/4 (6) or (4)	8421	8421	8421	—
Locknuts - 5/16-18 (6) or (4)	8510	8510	8510	—
Axle Locknuts - 3/4 - 16 (2)	8516	—	—	—



**ASSEMBLED VIEW**

## BEARING HANGERS

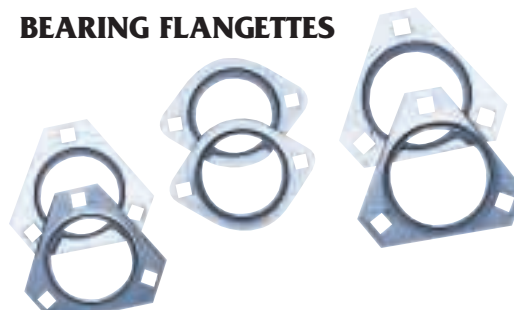
- Pre-Drilled for 2-Hole or 3-Hole Flangette
- Quarter Inch Steel Plate
- Ready to Weld



For dimensions, see page 35

DESCRIPTION	PART
For 1" Axles	8127
For 1-1/4" Axles	8130

## BEARING FLANGETTES



DESCRIPTION (Each)	BOLT CIRCLE	PART
2 Hole for 3/4" Axles	2-13/16"	8282
2 Hole for 1" Axles	3"	8212
3 Hole for 3/4" Axles	2-13/16"	8283
3 Hole for 1" Axles	3"	8213
3 Hole for 1-1/4" Axles	3-9/16"	8217



## KART CHAIN

- ANSI & ISO Standards
- Boxed or Reels
- Top Quality
- Race-Proven



**SPACE CHAIN  
#35**



**STANDARD CHAIN  
#35**



**#219 CHAIN**

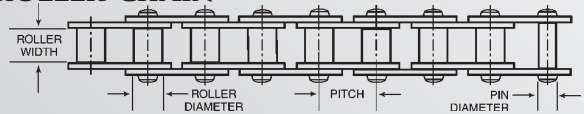
DESCRIPTION	PART	DESCRIPTION	PART	DESCRIPTION	PART
10 Ft. Box w/2 Connecting Links	4006-10	10 Ft. Box with 2 Conn. Links	4008-10	#219H x 120 Pitches - Boxed	4397
Reels, up to 250 feet	4006	Reels, up to 500 feet	4008	#219H x 10 ft. - Boxed	4398-10
36" Boxed - with Conn Link	4390	36" Boxed with Conn. Link	4316		
40" Boxed - with Conn Link	4392	48" Boxed with Conn. Link	4318		
48" Boxed - with Conn Link	4391	60" Boxed with Conn. Link	4313		
Connecting Link	4007	Connecting Link	4009		
		Offset Link	4010		

## ADDITIONAL ROLLER CHAIN

Other popular sizes of roller chain are listed in the table below. They find use in Quarter Midgets, Concession Karts, Jr. Dragsters, and other chain-driven applications.

DESCRIPTION	#40	#41	#420	#428	#520	#530
10 ft. Box with 2 Conn. Links	4014-10	4023-10	4035-10	4038-10	4044-10	4056-10
Reels - per foot	4014	4023	4035	4038	4044	4056
Connector Links	4015	4024	4036	4039	4045	4057
Offset Link	4016	4025	4037	4040	4046	4058

*Azusa inventories a complete line of industrial and motorcycle chain. Please check with us regarding sizes and types not shown.*

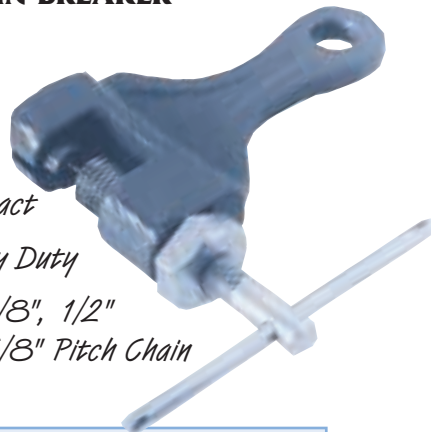


**GENERAL CHAIN DIMENSIONS & STRENGTH**

CHAIN NUMBER	PITCH	ROLLER DIAMETER	ROLLER WIDTH	PIN DIAMETER	AVERAGE TENSILE
40	1/2	.312	5/16	.156	3,700
41	1/2	.306	1/4	.141	2,000
420	1/2	.306	1/4	.156	3,700
428	1/2	.335	5/16	.177	4,200
520	5/8	.400	1/4	.200	6,100
530	5/8	.400	3/8	.200	6,100

## CHAIN BREAKER

- Compact
- Heavy Duty
- For 3/8", 1/2" & 5/8" Pitch Chain



DESCRIPTION	PART
Deluxe Chain Breaker	4899
Replacement Pins (5 Pack)	4099

## CHAIN DEFLECTOR

- Chrome Plated
- Adaptable Mounting Holes

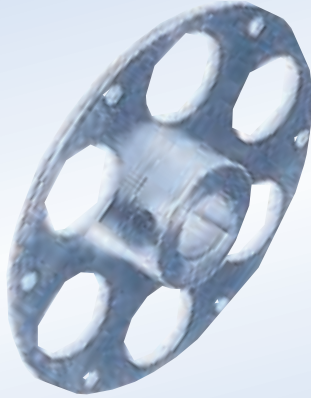


This deflector is universally adaptable to all small engines. Keep your chain in good shape but this guard will help prevent chain that is broken from flying, diverting it to the ground.

**Chain Deflector, Chromed 1810**

[Click For Index](#)





### PLATED STEEL UNI-HUB

- ✓ *Rugged Hub Brazed to Steel Plate*
- ✓ *Great Economy - Real Value*
- ✓ *1" Bore with 1/4" Keyway*
- ✓ *Easily Positioned on Axle*
- ✓ *Strong, yet Lightweight*

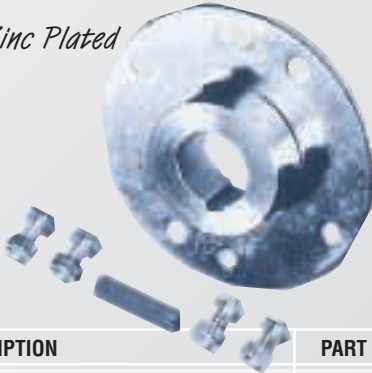


DESCRIPTION	PART
Uni-Hub w/Hardware Kit, Skin-Pack	2555
Uni-Hub w/Hardware Kit, Bulk	2555-A
Uni-Hub w/Set Screws only	2556

DESCRIPTION	PART
<b>Hardware Kit for Uni-Hub</b>	2557
Hardware Kit Includes:	
6 Bolts, 1/4-28 x 1/2"	8463
6 Hex Nuts, 1/4-28	8500
1 Key, 1/4 x 1/4 x 1-1/4"	8434
2 Set Screws	8483

### STEEL MINI-HUB

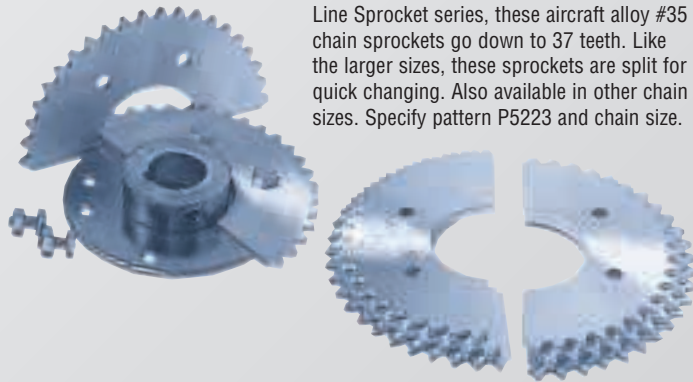
- ✓ *Adapts to Azusa 4-1/2" Brake Drum*
- ✓ *Designed for Smaller Sprockets*
- ✓ *3.228" Bolt Circle, 4" OD*
- ✓ *Zinc Plated*



DESCRIPTION	PART
Mini-Hub w/Hardware Kit, Skin-Pack	2562
Mini-Hub w/set screws, Bulk	2561
Hardware Kit	2564
(same as Uni-Hub Hardware Kit above, except 4 Bolts, 4 Nuts)	

### ALUMINUM MINI-SPROCKETS

A scaled down version of our famous Tru-A-Line Sprocket series, these aircraft alloy #35 chain sprockets go down to 37 teeth. Like the larger sizes, these sprockets are split for quick changing. Also available in other chain sizes. Specify pattern P5223 and chain size.

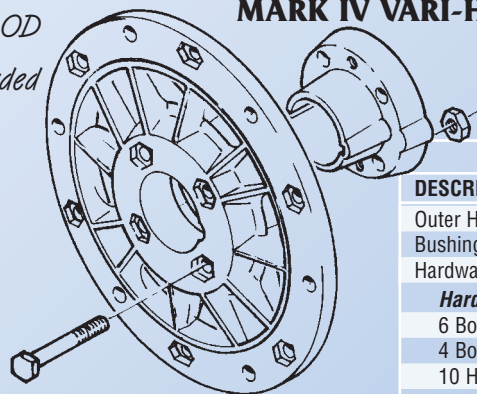


TEETH	PART
37	2084
38	2085
39	2086
40	2087
41	2088
42	2089
43	2090
44	2091

TEETH	PART
45	2092
46	2093
47	2094
48	2095
49	2096
50	2097
51	2098
52	2099

- ✓ *Zinc Double Tapered Bushing - 1" OD*
- ✓ *10 nuts, 10 Bolts & 1 Key Included*
- ✓ *For All 4-9/16" ID Sprockets*
- ✓ *5.25" Bolt Circle, 5.87" OD*
- ✓ *Strong and Lightweight*
- ✓ *Machined Face*

### MARK IV VARI-HUB

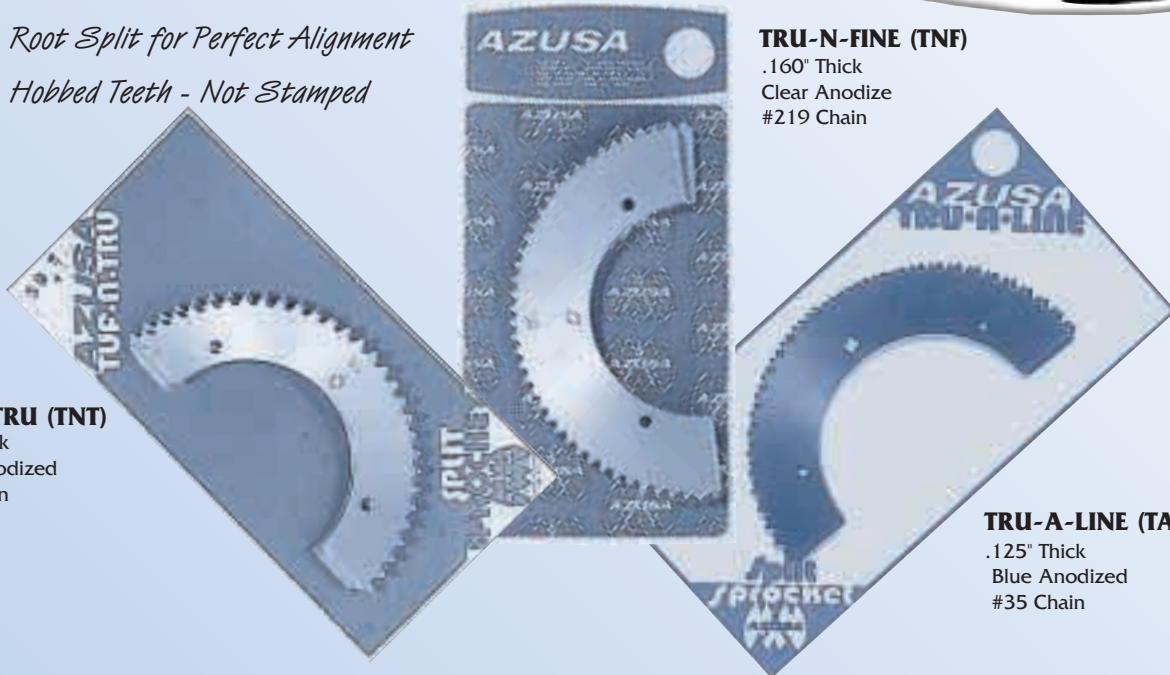


DESCRIPTION	PART
Vari-Hub w/Hardware Kit, Skin-Pk	1872
OEMS: Buy Bulk and Save	1872-A

REPLACEMENT PARTS	
DESCRIPTION	PART
Outer Hub - Aluminum	8061
Bushing, 1" w/1/4" Keyway	8062
Hardware Kit for Vari-Hub	1875
<b>Hardware Kit Includes:</b>	
6 Bolts, 1/4-28 x 3/4"	8416
4 Bolts, 1/4-28 x 1-1/2"	8415
10 Hex Nuts, 1/4-28	8500
1 Key, 1/4 x 1/4 x 1-1/4"	8435



- ✓ Two Thicknesses: .125" & .160"
- ✓ Fits Hubs with 5.25" Bolt Circle
- ✓ Premium Heat-Treated Aluminum
- ✓ Root Split for Perfect Alignment
- ✓ Hobbed Teeth - Not Stamped



**TUF-N-TRU (TNT)**  
 .160" Thick  
 Clear Anodized  
 #35 Chain

**TRU-N-FINE (TNF)**  
 .160" Thick  
 Clear Anodize  
 #219 Chain

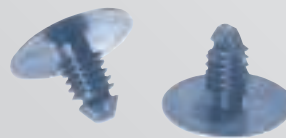
**TRU-A-LINE (TAL)**  
 .125" Thick  
 Blue Anodized  
 #35 Chain

**4-9/16" BORE ALUMINUM SPROCKETS - PART NUMBER TABLE**

CHAIN SIZE	TNF	TNT	TAL	CHAIN SIZE	TNF	TNT	TAL	CHAIN SIZE	TNF	TNT	TAL
THICKNESS	#219	#35	#35	THICKNESS	.160	.160	.125	THICKNESS	.160	.160	.125
Teeth	Part	Part	Part	Teeth	Part	Part	Part	Teeth	Part	Part	Part
53	—	2653	2001	70	2605	2670	2055	87	2622	*2699-87	—
54	—	2654	2047	71	2606	2671	2010	88	2623	*2699-88	—
55	—	2655	2002	72	2607	2672	2056	89	2624	*2699-89	—
56	—	2656	2048	73	2608	2673	2011	90	2625	*2699-90	—
57	—	2657	2003	74	2609	2674	2057	91	2626	*2699-91	—
58	—	2658	2049	75	2610	2675	2012	92	2627	*2699-92	—
59	—	2659	2004	76	2611	2676	2058	93	2628	*2699-93	—
60	—	2660	2050	77	2612	2677	2013	94	2629	*2699-94	—
61	—	2661	2005	78	2613	2678	2059	95	2630	*2699-95	—
62	—	2662	2051	79	2614	2679	2014	96	2631	*2699-96	—
63	—	2663	2006	80	2615	2680	2060	97	2632	*2699-97	—
64	—	2664	2052	81	2616	2681	—	98	2633	*2699-98	—
65	—	2665	2007	82	2617	2682	2061	99	—	*2699-99	—
66	—	2666	2053	83	2618	2683	—	100	2635	*2699-100	—
67	2602	2667	2008	84	2619	2684	2062	102	—	*2699-102	—
68	2603	2668	2054	85	2620	*2699-85	—	104	—	*2699-104	—
69	2604	2669	2009	86	2621	*2699-86	—	114	—	*2699-114	—

\*For all 2699 - numbers also known as Jumbo XNT sprockets, "SPLIT" must be specified or sprockets will be shipped whole.

**SPLIT SPROCKET CLIPS**



Clip to Hold Sprocket Halves with 1/4" mt. holes

#35 Chain sprockets	8352
#41 thru #520 Chain sprockets	8351

minimum order 10 pieces

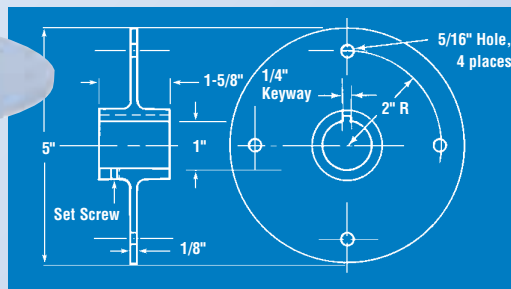
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## HEAVY DUTY SPROCKET HOLDER

Heavy Duty Sprocket Holder/Hub

2286



- 4" Bolt Circle
- Steel Hub for 1" Live Axles
- Zinc Plated
- Locknuts, Grade 5 Bolts & Set Screw Included

## SPROCKETS FOR HEAVY DUTY SPROCKET HOLDER

- Premium High-Strength Aluminum
- 4" Bolt Circle - 5/16" Holes (4)
- Pattern P2286, 1.5" Bore
- Any Chain Size



CHAIN SIZE	MINIMUM TEETH	PATTERN	PART
#35	50	P2286	T5313-*
#41	38	P2286	T5314-*
#40	38	P2286	T5315-*
#428	38	P2286	T5320-*
#520	29	P2286	T5316-*
#530	29	P2286	T5317-*

\*When ordering, add no. of teeth to part no. & ALWAYS SPECIFY PATTERN

## TWO-PIECE "B" TYPE ENGINE HUB AND SPROCKET ASSEMBLIES

- For 1" ID Sprockets, Any Chain Size
- P5256 Sprocket Pattern



### STEEL HUBS

These plated steel hubs are 1/2" thick, have a 2-1/4" OD and a 1" shoulder surrounding the bore for added stability. Two bore sizes are available: 5/8" or 3/4", with a 3/16" keyway and opposed set screw hole. Both have a 3 hole bolt pattern drilled on a 1-11/16" circle to fit a P5256 sprocket pattern.

Mounting Hub - 5/8" Bore	2037
Mounting Hub - 3/4" Bore	2038

### SPLIT ALUMINUM HUBS

- Precision Billet Machined
- For 1" ID Sprockets, Any Chain Size
- P5248 Sprocket Pattern

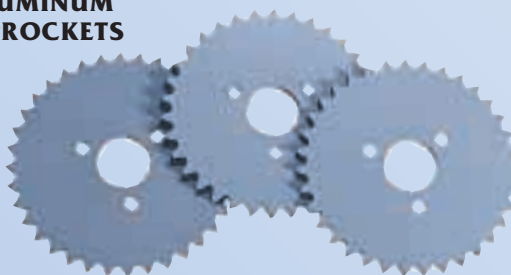


Our Split Aluminum Clamp-On Engine Hub is machined aluminum billet. A 1" raised shoulder surrounds the bore for added stability. 3/4" bore, 3/16" keyway with 3 threaded bolt holes on a 1.680" bolt circle to fit a P5248 sprocket pattern. Bolts included.

Split Aluminum Clamp-On Engine Hub

2039

### ALUMINUM SPROCKETS



CHAIN SIZE	BORE	BOLTS	BOLT CIRCLE	MIN. TEETH	PATTERN	PART
#35	1"	3 @ .272	1.687	21	P5256	** (2021-2036)
#35	1"	3 @ .272	1.687	37	P5256	T5313-*
#40	1"	3 @ .272	1.687	17	P5256	T5315-*
#520	1"	3 @ .272	1.687	18	P5256	T5316-*
#35	1"	3 @ .272	1.680	21	P5248	T5313-*
#40	1"	3 @ .272	1.680	17	P5248	T5315-*
#520	1"	3 @ .272	1.680	18	P5248	T5316-*

\*When ordering, add no. of teeth to part no. & ALWAYS SPECIFY PATTERN

\*\*2021 thru 2036 part numbers for #35 chain, 21 to 36 tooth

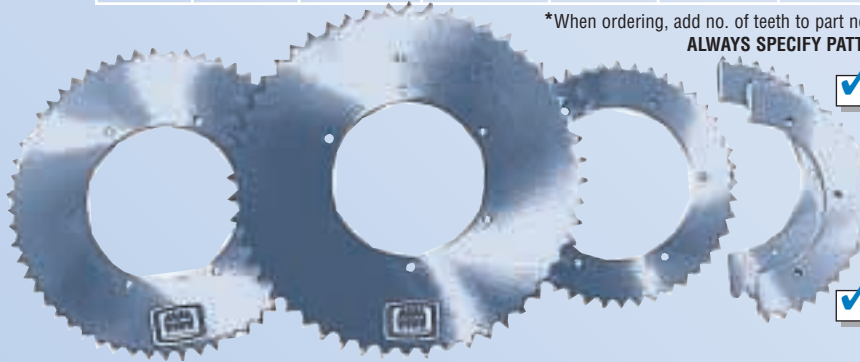




## HEAVY DUTY SPROCKETS - FOR LARGER CHAIN SIZES

CHAIN SIZE	BORE	BOLTS/SIZE	BOLT CIRCLE	MIN TOOTH	PATTERN	PART
#40	4.563	6 @ .261	5.250	40	P5245	T5315 - *
#41	4.563	6 @ .261	5.250	40	P5245	T5314 - *
#520	4.563	6 @ .261	5.250	33	P5245	T5316 - *
#530	4.563	6 @ .261	5.250	33	P5245	T5317 - *

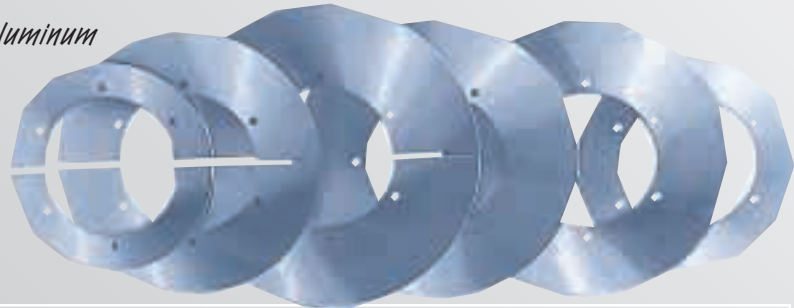
\*When ordering, add no. of teeth to part no. & ALWAYS SPECIFY PATTERN



- 5.25" Bolt Circle - 4.563" ID
- Split or Unsplit (Specify)
- For Any Chain Size
- For Racing or Concession Karts
- Premium High-Strength Aluminum

## SPROCKET GUARDS

- Premium High-Strength Aluminum
- 5.25" Bolt Circle
- Two Thicknesses
- Split or Unsplit (Specify)



THICKNESS	OUTSIDE DIAMETER						
	6-7/8"	7-3/8"	7-7/8"	8-3/8"	8-7/8"	9-1/2"	10-1/4"
.125"	2000-AG	2000-BG	2000-CG	2000-DG	2000-EG	2000-FG	2000-GG
.160"	2600-AG	2600-BG	2600-CG	2600-DG	2600-EG	2600-FG	2600-GG

## ECONOMY STEEL SPROCKETS

- Steel ... Plated ... One Piece
- 54T or 60T for #40/41 Chain
- 60T or 72T for #35 Chain
- Substantial Savings



### FOR #35 CHAIN

TEETH	BOLT CIRCLE	HOLES	BORE	PATTERN	PART
60	—	—	1.375	—	2151
60	3.25	6 @ .3125	1.375	P2161	2155
60	5.25	6 @ .3125	4.563	P5245	2152
72	—	—	1.375	—	2157
72	3.25	6 @ .3125	1.375	P2161	2161
72	5.25	6 @ .3125	4.563	P5245	2158

### FOR #40/41 (#420) CHAIN

TEETH	BOLT CIRCLE	HOLES	BORE	PATTERN	PART
54	5.25	6 @ .3125	4.563	P5245	2166-54
54	2.875	4 @ .3125	2.00	P5263	2167-54
54	4.00	4 @ .3125	1.50	P2286	2168-54
60	5.25	6 @ .3125	4.563	P5245	2166-60

[Click For Index](#)



## SHIFTER KART & QUARTER MIDGET SPROCKETS

- Split or Unsplit (Specify)
- Premium High-Strength Aluminum
- Fit Quarter Midget Hubs
- Shifter Kart Race Ready
- Other Sizes & Patterns Available



### MOST POPULAR PATTERNS & SIZES:

CHAIN SIZE	BORE	BOLTS/ SIZE	BOLT CIRCLE	MINIMUM TEETH	PATTERN	PART
#35	1.000	3 @ .272	1.680	21	P5248	T5313-*
#35	1.000	3 @ .272	1.687	21	P5256	T5313-*
#35	1.750	4 @ .453	2.75	30	P5237	T5313-*
#35	2.000	4 @ .375	2.875	34	P5263	T5313-*
#35	2.125	4 @ .343	2.656	29	P5231	T5313-*
#41	2.000	4 @ .375	2.875	25	P5263	T5314-*
#41	3.250	8 @ .312	4.00	33	P5270	T5314-*
#40	1.000	3 @ .272	1.680	17	P5248	T5315-*
#40	1.000	3 @ .272	1.687	17	P5256	T5315-*
#40	1.625	4 @ .312	2.312	23	P5251	T5315-*
#40	1.625	4 @ .375	2.312	23	P5250	T5315-*
#40	1.625	4 @ .390	2.312	23	P5252	T5315-*
#40	1.750	4 @ .453	2.375	20	P5233	T5315-*
#40	1.750	4 @ .453	2.75	23	P5237	T5315-*
#40	2.000	4 @ .375	2.875	25	P5263	T5315-*
#40	3.250	8 @ .312	4.00	33	P5270	T5315-*
#40	2.125	4 @ .343	2.656	22	P5231	T5315-*
#428	1.625	4 @ .312	2.312	23	P5251	T5320-*
#428	1.625	4 @ .375	2.312	23	P5250	T5320-*
#428	1.625	4 @ .390	2.312	23	P5252	T5320-*
#520	2.000	4 @ .312	3.00	20	P5260	T5316-*
#520	2.373	6 @ .343	3.146	22	P5265	T5316-*

\*When ordering, add number of Teeth to Part No. & ALWAYS SPECIFY PATTERN  
 If we don't have your desired pattern on file, send us a sample hub or old sprocket.

## HEAVY DUTY IDLER/TENSIONER SPROCKETS



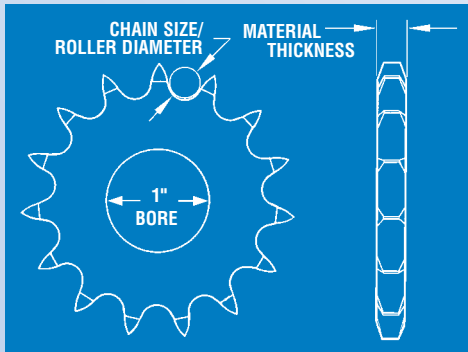
- Premium Aluminum Alloy Sprockets
- Precision or Standard Ball Bearings
- Sized for #35, #40 or #41 Chain
- Choice of 1/2" or 5/8" ID Bore

TEETH	BEARING SIZE & TYPE	FOR #35 CHAIN
19	1/2" Precision	2196
19	5/8" Precision	2197
19	5/8" Standard	2198

TEETH	BEARING SIZE & TYPE	FOR #40/41 CHAIN
16	5/8" Precision	2186
16	5/8" Standard	2187



- ✓ Premium High-Strength Aluminum
- ✓ Precision Hobbed Teeth
- ✓ For All Popular Chain Sizes
- ✓ Hundreds of Patterns Available



Azusa offers the opportunity to order almost any Sprocket, precision machined with hobbed (not stamped) teeth. Order sprockets drilled with any pattern from our vast pattern library ranging in the hundreds, for any chain size listed and with most any number of teeth within the range listed.

All Sprockets are fabricated from premium heat-treated aluminum alloy.

**TO ORDER:** In the table below, find your **CHAIN SIZE**. Choose the **NUMBER OF TEETH** you want and add it to the **PART NUMBER** in the table below. Finally, if you are ordering a **FINISHED** Sprocket, always specify the bolt **PATTERN** you desire when ordering.

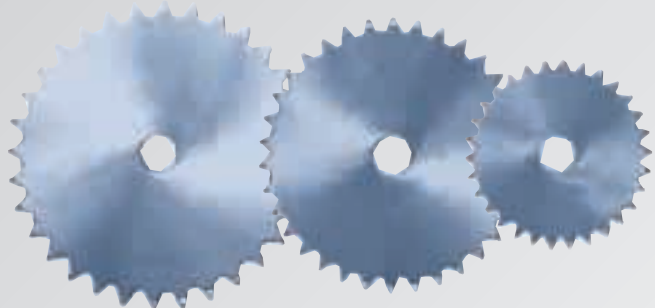
CHAIN SIZE	NUMBER OF TEETH†	ROLLER DIAMETER	MATERIAL THICKNESS	BLANK PART	FINISHED PART
#35	19-94	.306	.125 to .160	T5201-*	T5313-*
#40 (#425)	17-80	.312	.249 to .284	T5206-*	T5315-*
#41 (#420)	22-80	.306	.207 to .227	T5203-*	T5314-*
#42 (#415)	28-48	.306	.141 to .168	T5204-*	T5321-*
#428	21-48	.335	.249 to .284	T5207-*	T5320-*
#520	18-62	.400	.207 to .227	T5208-*	T5316-*
#50 (#530)	29-60	.400	.307 to .343	T5210-*	T5317-*
#630	28-48	.468	.307 to .343	T5211-*	T5318-*

\*When ordering, add number of Teeth to Part No. & **SPECIFY PATTERN** for Finished Sprockets.

†NOTE: Not all tooth sizes within listed ranges are stocked; some tooth sizes available only in OEM quantities.

### BLANK SAMPLES

“**BLANKS**” come with the specified number of teeth and a 1" bore, helpful for centering the sprocket for those who want to add their own bore and bolt circle pattern.



### FINISHED SAMPLES



“**FINISHED**” sprockets come complete with bore and bolt circle precision machined pursuant to the pattern you specify, ready to mount.

[Click For Index](#)

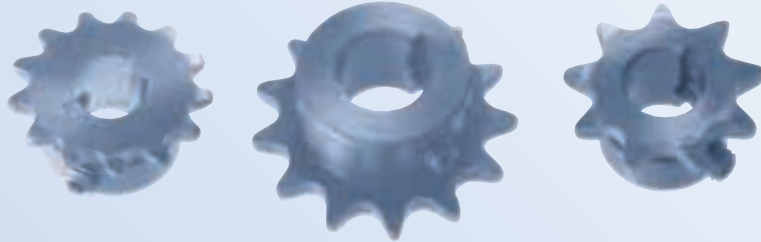




Azusa manufactures a variety of engine sprockets. The most popular are shown and you can order off the shelf. We have the capabilities to provide your special needs in OEM quantities.

“B” Type Sprockets have a hub on one side. “C” Type Sprockets have a hub on both sides. Our keyways are normally 3/16" except as noted and sprockets have a 5/16-18 set screw.

- Precision Hobbed Teeth
- Case-Hardened Steel
- For #35, #40 & #41 Chain



### “B” TYPE SPROCKETS FOR #35 CHAIN

#35 CHAIN	5/8" BORE	3/4" BORE	TAPERED NO SET SCREW
TEETH	PART	PART	PART
8	—	—	2115
9	2123-K*	—	2116
10	2124-K*	2138K*	—
11	2125-K*	2139K*	—
12	2126	2140	—
13	2127	2141	—
13	2127-K*	—	—
14	2128	2142	—
15	2129	2143	—
16	2130	2144	—
17	2131	2145	—
18	2132	2146	—
20	2133	2147	—

### “B” TYPE SPROCKETS FOR #40/41 CHAIN

#40/41 CHAIN	5/8" BORE	3/4" BORE
TEETH	PART	PART
8	2101-K*	—
9	2102	2163 (11/16" BORE)
10	2103	2110
11	2104	2111
12	2105	2112
13	2106	2113
14	2107	2114
17	2108	—

### “B” TYPE SPROCKETS FOR #40 CHAIN

For #40 Chain			For Honda & other 22mm Shafts with 7mm Keyway	
	5/8" BORE	3/4" BORE	22mm BORE	
TEETH	PART	PART	TEETH	PART
8	1901-K*	—	12	2172
9	—	—	13	2173
10	—	1919	14	2174
11	—	1920	15	2175
			16	2176
			17	2177

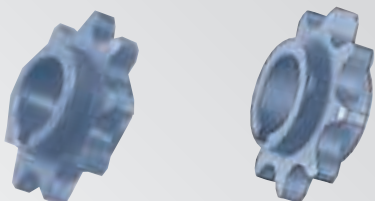
\*All Sprockets on this page with a “K” in their Part Number have a key broached into the hub rather than a keyway. No key is needed.

### 10° TAPERED “B” TYPE ENGINE SPROCKETS FOR YAMAHA



#35	9 Tooth - 10° Tapered Bore w/Keyway	1930
#35	10 Tooth - 10° Tapered Bore w/Keyway	1931
#219	10 Tooth - 10° Tapered Bore w/Keyway	1940
#219	11 Tooth - 10° Tapered Bore w/Keyway	1941

### “C” TYPE SPROCKETS FOR #35 & #40/41 CHAIN



	5/8" Bore	No Set Screw
TEETH	CHAIN	PART
9	#40/41	2180
10	#40/41	2181
10	#35	2189-K*
11	#35	2190-K*



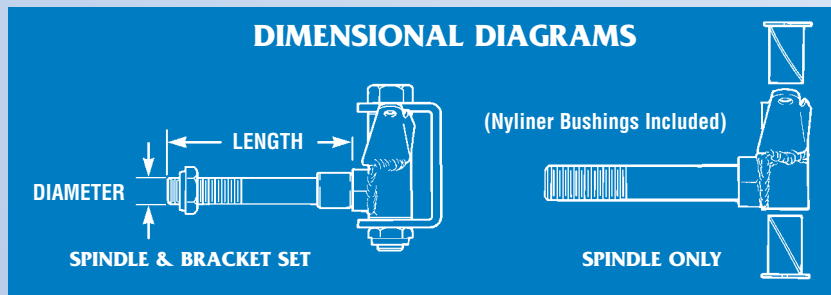
### JIG-WELDED SPINDLES – 5/8" KINGPIN

- ✓ Bushings, Spacers & Locknuts Included in Kits
- ✓ Two Axle Diameters – 5/8" & 3/4"
- ✓ Jig-Welded for Uniformity
- ✓ Choice of Lengths

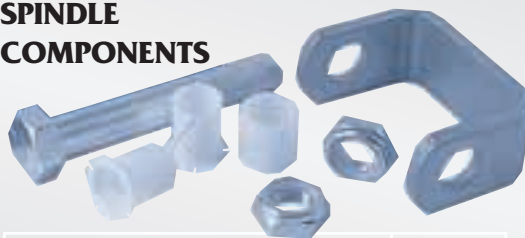
The individual assemblies in a spindle set are designated as "Side 1" and "Side 2." This indicates that one is the "mirror image" of the other to produce a set, no matter how the assemblies are oriented.



SPINDLE & BRACKET SET				SPINDLE ONLY	
SIDE 1	SIDE 2	AXLE	LENGTH	SIDE 1	SIDE 2
2204	2205	5/8"	3.75"	2206	2207
2235	2236	5/8"	4.50"	2237	2238
2512	2513	5/8"	6.00"	2514	2515
2200	2201	3/4"	3.75"	2202	2203
2231	2232	3/4"	4.50"	2233	2234
2516	2517	3/4"	6.00"	2518	2519

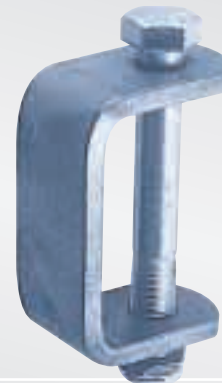


### SPINDLE COMPONENTS



COMMON TO 5/8" & 3/4" SPINDLE SETS	PART
Spindle Bracket 5/8" holes	8171
Kingpin Bolt 5/8-18 x 3.25"	8447
Kingpin Nut 5/8-18 Nylon Locknut	8515
Nyliner Bushings (2 required)	8215
5/8" SPINDLE AXLE	PART
Nylon Spacer 5/8" ID	8328
Nylon Insert Locknut 5/8-18	8515
3/4" SPINDLE AXLE	PART
Nylon Spacer 3/4" ID	8329
Nylon Insert Locknut 3/4-16	8516

### SPINDLE BRACKET FOR 1/2" KINGPIN



For Spindle Bracket dimensions, see [page 35](#)

COMPONENTS	PART
Spindle Bracket For 1/2" Kingpin	8181
Kingpin Bolt 1/2-20 x 3.75"	8446
Locknut - 1/2-20	8514



### NEOPRENE COMPETITION STEERING WHEEL

- Two Diameters - 10" & 12"
- Solvent-Proof Neoprene
- One Piece Construction - No Welds
- Molded Finger Grooves
- Chrome Plated Quality Steel



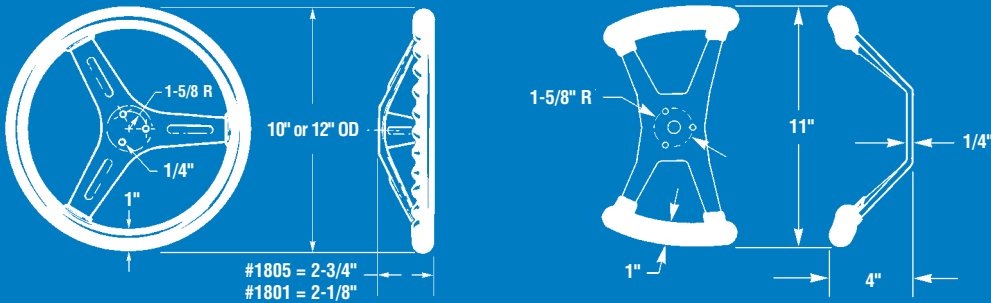
10" DIAMETER #1801

12" DIAMETER #1805



**SOLID NEOPRENE  
OVER STEEL**

### DIMENSIONAL DIAGRAMS



### ALUMINUM BUTTERFLY STEERING WHEELS

- Non-Flexing, Strong 1/4" Tempered Aluminum Alloy
- Choice of Black Anodized or Polished Aluminum
- Molded Neoprene Grips



**POLISHED ALUMINUM  
#2294**



**ANODIZED BLACK  
#2293**

The Butterfly Steering Wheel design evolved from actual track experience. The unique, non-symmetrical design enables the steering wheel to be mounted in either of two positions, to best suit the driver's personal taste. The Butterflies also feature neoprene compound grips to resist fuels and lubricants -- just soft enough to dampen vibration without being spongy.





## STEERING SHAFT & HUB ASSEMBLIES 5/8"



- Fits All Azusa Steering Wheels
- Heavy Duty Pitman Arms
- Holes for Cotter Pins in Shaft & Bolts
- Splined Shaft and Hub for Perfect Alignment

O.E.M.s:  
OTHER LENGTHS  
AVAILABLE IN  
QUANTITY

### COMPLETE STEERING SHAFT KITS

LENGTH	ARMS NOT WELDED	ARMS WELDED
22"	1868-22	1867-22
24"	1868-24	—
25"	1868-25	1867-25
28"	1868-28	1867-28
34"	1868-34	—

### STEERING KIT, LESS SHAFT

Hardware Kit with Pitman Arms	1873	
Hardware Kit without Pitman Arms	1874	
KIT COMPONENTS	QUANTITY	PART
Hub-splined - two bolt circles	(1)	8134
Pitman Arms - 5/16" bolt hole	(2)	8129
Collar w/Set Screw	(2)	8554
Hex nut - slotted 1/2-20	(1)	8528
Bolts w/hole 1/4-28 x 3/4"	(3)	8412
Hex Nut - slotted 1/4-28	(3)	8527
Cotter Pin - 3/32" x 3/4"	(1)	8418
Cotter Pin - 1/16" x 1/2"	(3)	8419
Snap Ring	(1)	8322

### STEERING SHAFTS, 5/8" SPLINED WITH SNAP RING

LENGTH	SHAFT	SHAFT WITH WELDED ARMS
6"	8137-6	—
22"	8137-22	8140-22
24"	8137-24	—
25"	8137-25	8140-25
28"	8137-28	8140-28
34"	8137-34	—

### KILL BUTTON SWITCH



This spring loaded ground contact switch fits both 7/8" and 1" frame or handle bars. A 36" shielded wire, with a spade type end fitting is assembled for fast installation. Plated and a real safety feature for all vehicles. For all you get, it is unbelievably low priced.

DESCRIPTION	PART
Kill Switch, Skin Packed	1721
Kill Switch, Bulk	1721-B

### STEERING WHEEL CAP ASSEMBLY

SNAP-IN CAP, CHROMED  
#8136



MOUNTING CUP,  
PLATED #8135

Gleaming plated steel, this is the perfect mate for Azusa's Steering Wheels. Fits either 1-1/2" or 1-5/8" bolt circle, and practically any make of steering wheel.



AVAILABLE  
IN ATTRACTIVE  
SKIN PACK

DESCRIPTION	PART
Steering Wheel Cap Assembly, Pkgd	1877
Steering Wheel Cap Assembly, Bulk	1877-A

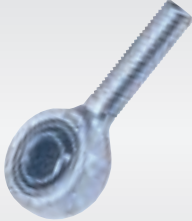
[Click For Index](#)



## ROD END BEARINGS

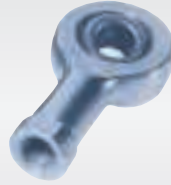
Your Choice of Deluxe or Economy Type

## JAM NUTS



**DELUXE TYPE - MALE**

SIZE	RIGHT HAND THREAD	LEFT HAND THREAD
1/4-28	8250-R	8250-L
5/16-24	8248	8249
8mm	8251-R	8251-L
3/8-24	8246	8247



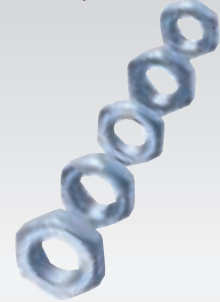
**DELUXE TYPE - FEMALE**

SIZE	RIGHT HAND THREAD	LEFT HAND THREAD
5/16-24	8221	8221-L
3/8-24	8244	8244-L
7/16-20	8245	—



**ECONOMY TYPE - FEMALE**

SIZE	RIGHT HAND THREAD	LEFT HAND THREAD
5/16-24	8220	8220-L
3/8-24	8243	8243-L



DESCRIPTION	PART
1/4-28 Right	8531
1/4-28 Left	8537
5/16-24 Right	8523
5/16-24 Left	8529
8mm Right	8540
8mm Left	8541
3/8-24 Right	8512
3/8-24 Left	8530
7/16-20 Right	8513

For Tie Rods, see page 15

## THROTTLE AND BRAKE CONTROL ROD KIT

### BRAKE CONTROL ROD KIT

COMPLETE KIT	2281
KIT COMPONENTS	PART
Brake Rod, 1/4" x 40-1/2", 1/4-28 Thread	8218
Clevis, Forged 1/4-28	8354
Clevis Pin, w/Hole	8355
Cotter Pin, 1/16" x 1/2"	8419
Tinnerman Nut	8505

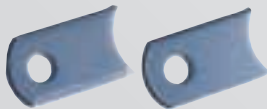
**BRAKE KIT  
(LESS ROD)  
#2279**

### THROTTLE CONTROL ROD KIT

COMPLETE KIT	2280
KIT COMPONENTS	PART
Throttle Rod, 1/4 x 30", 1/4-28 Thread w/Hole	8216
Wire Stop	2360
Spring, 1/4" x 1-7/8"	2383
Throttle Cable, 1/16" x 50" Cable; 54" Cndt	1751
Hex Nut, 1/4-28	8500
Tinnerman Nut	8505
Nylon Cable Guide	2381

**THROTTLE KIT  
(LESS ROD)  
#2278**

## CONTROL ROD ANCHORS



Uniformly stamped from 1/8" steel. Easily welded anywhere on a vehicle frame where a guide or support is needed. 1/4" hole for rods or other fittings.... Economical.

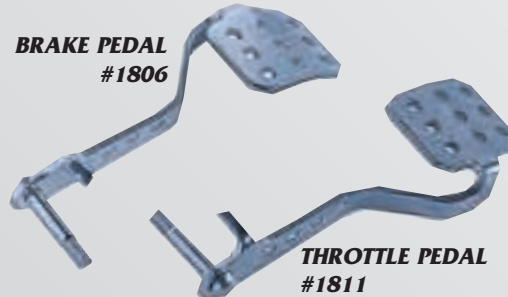
Rod Anchors 8182

For dimensions, see page 35

## FOOT PEDALS

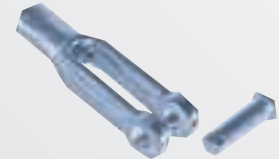
- Zinc Plated w/Built-In Stop
- Mounting Bolt,  
5/16-18 x 1-3/4"
- 4 Position Rod Mounting

**BRAKE PEDAL  
#1806**



**THROTTLE PEDAL  
#1811**

## CLEVIS & PIN - FORGED

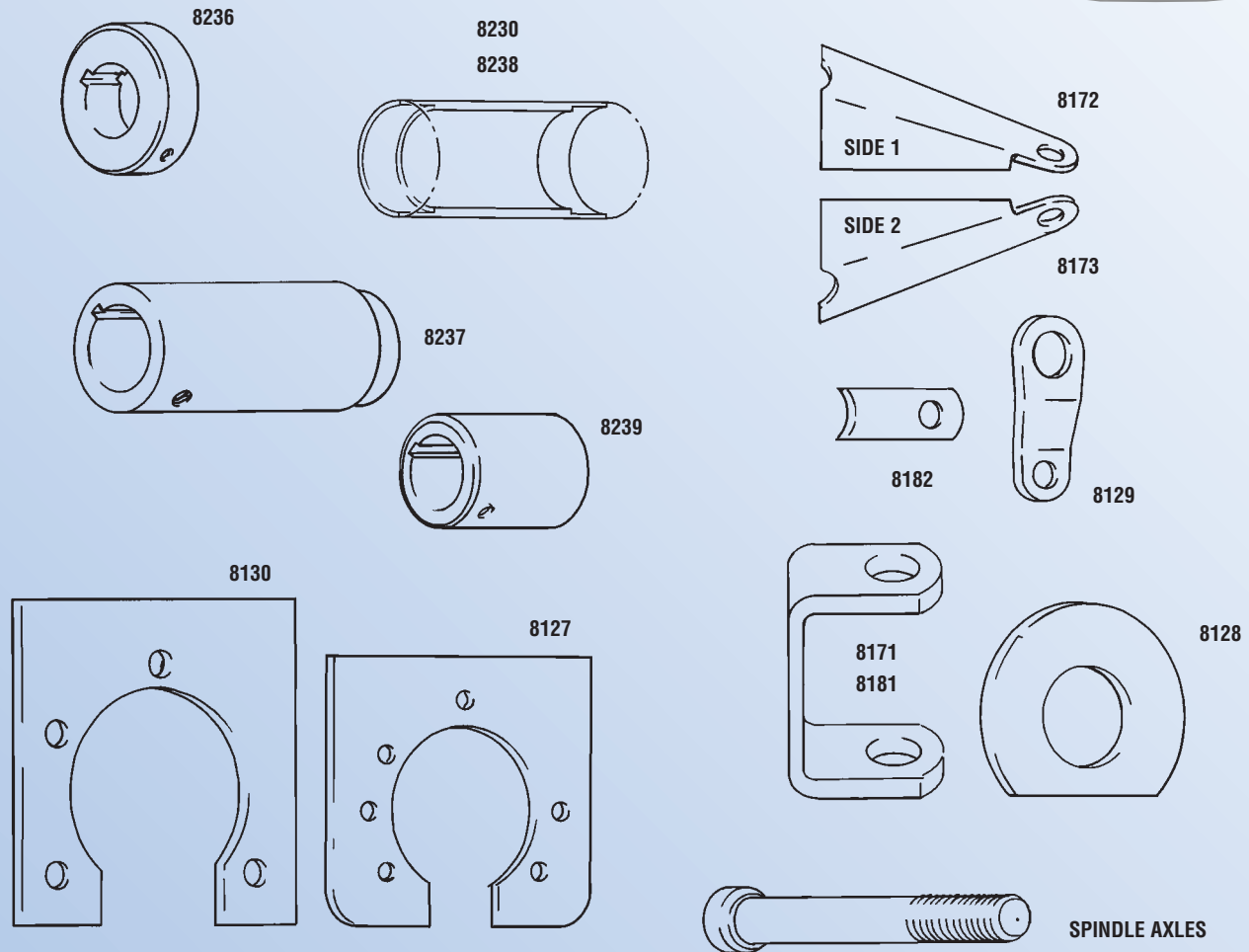


This strong, versatile clevis is fabricated from forged steel, then plated for lasting service. The shank is drilled and threaded - 1/4-28. The pin has a hole for cotter pin. Great value, many uses.

Clevis, Forged 8354  
Clevis Pin 8355

## WELDMENTS

The following list of piece-parts is provided to simplify the ordering of an item that must be welded to "something" before it or the remainder of the assembly can be used. In most cases the part will also be shown and listed with its assembly elsewhere in the catalog.



**HUB FOR STEEL DISC**  
1" ID x 2" OD x 1/2" wide, two 5/16-18 set screw holes, and 1/4" keyway

**HUB, 1" BORE, LONG**  
1" ID x 1-1/2" OD x 2.75" long, with 1/4" x 1-5/16" OD shoulder. 1/4" keyway, with set screw hole opposite.

**TUBE, TAPERED BEARING HUB,**  
2" OD x 1.782" ID x 3-5/8" long

**TUBE, BEARING HUB**  
1-5/8" OD x 1-3/8" ID x 3-1/2" long

**HUB, 1" BORE, SHORT**  
1" ID x 1-1/2" OD x 1-1/2" long. 5/16-18 set screw hole w/1/4" keyway.

**BEARING HANGER, 1" AXLE**  
3-1/2" SQ x 1/4" thick, 5/16" hole pattern for two and three hole bearing flanges.

8236

8237

8238

8230

8239

8127

**BEARING HANGER, 1-1/4" AXLE**  
4" x 4-1/4" x 1/4" thick. 5/16" holes for two and three hole bearing flange pattern.

**BEARING HANGER, JACKSHAFT**  
1-3/8" ID x 3" OD w/2" mounting edge x 1/4" thick

**SPINDLE ARM (SIDE 1)**  
3-3/4" x 1" with support wedge x 1/8" thick 5/16" bolt hole.

**SPINDLE ARM (SIDE 2)**  
3-3/4" x 1" with support wedge (opposite from side one) x 1/8" thick. 5/16" bolt hole.

**SPINDLE BRACKET, 5/8" KINGPIN**  
2-1/2" between ears, 1-1/4" clearance to bolt centerline. 1/4" thick x 1-3/16" wide. For 5/8" kingpin.

8130

8128

8172

8173

8171

**SPINDLE BRACKET, 1/2" KINGPIN**  
2-1/2" between ears, 1-1/4" clearance to bolt centerline. 1/4" thick x 1-3/16" wide. for 1/2" kingpin.

**SPINDLE AXLES - UNPLATED**

5/8-18 x 3.75"

5/8-18 x 4.50"

5/8-18 x 6.00"

3/4-16 x 3.75"

3/4-16 x 4.50"

3/4-16 x 6.00"

**PITMAN ARMS**  
5/8" shaft hole, 5/16" bolt hole, 5 ga. (.210") 1-5/8" center to center with 3/16" offset

**ROD ANCHORS (FOR 1/4" ROD)**  
1-3/8" x 3/4" x 8 ga. (.160") thick with 1/4" hole.

8181

8445

8457

8472

8444

8458

8471

8129

8182



# DRIVE TRAIN Accessories

## KEYS & KEYSTOCK

DESCRIPTION	PART
3/16" x 3/16" x 3/4"	8454
3/16" x 3/16" x 1-1/4"	8442
3/16" x 1/4" x 1-1/4"	8434
3/16" x 1/4" x 12"	8404
1/4" x 1/4" x 1-1/4"	8435
1/4" x 1/4" x 12"	8403
5/16" x 5/16" x 12"	8408
7mm x 7mm x 12"	8402

## LOCKING COLLARS

- English & Metric Sizes
- Aluminum and Steel
- Billet or Cast Aluminum
- Skin-Packed\* or Bulk
- Split & One-Piece
- Economical

\*To order skin-packed product, simply add a "-PK" to the part no.

### ONE-PIECE COLLARS (w/o Keyway)

ID	OD	WIDTH	MATL.	PART
1/4"	1/2"	5/16"	Steel	8562
5/8"	1"	3/8"	Steel	8555
5/8"	1-1/8"	1/2"	Steel	8554
3/4"	1-1/4"	9/16"	Steel	8560
1"	1-5/8"	5/8"	Steel	8565

Set Screw Included

### SPLIT COLLARS

ID	OD	WIDTH	KW	MATERIAL	PART
1"	1-3/4"	1/2"	1/4"	Billet Alum.	8578
1-1/4"	2"	1/2"	1/4"	Billet Alum.	8579
40mm	2-1/2"	1/2"	5/16"	Billet Alum.	8580
1"	1-3/4"	1/2"	1/4"	Cast Alum.	8570
1-1/4"	2"	1/2"	1/4"	Cast Alum.	8571
1	1-3/4"	1/2"	1/4"	Steel	8557
1-1/4"	2"	1/2"	1/4"	Steel	8558
1-3/8"	2-1/4"	1/2"	1/4"	Steel	8559
35mm	2-1/4"	1/2"	5/16"	Steel	8553
40mm	2-1/2"	1/2"	5/16"	Steel	8552

## JACKSHAFT KITS

### COMPLETE KITS

DESCRIPTION	USE WITH	PART
Jackshaft Kit, 5/8" x 10"	#35 Chain	1826-10
Jackshaft Kit, 5/8" x 12"	#35 Chain	1826-12
Jackshaft Kit, 3/4" x 14"	#40 Chain	1824-14

### JACKSHAFTS ONLY

OD	LENGTH	KEYWAY	PART
5/8"	4.5"	3/16"	8175-4
5/8"	10.0"	3/16"	8175-10
5/8"	12.0"	3/16"	8175-12
5/8"	14.0"	3/16"	8175-14
5/8"	16.0"	3/16"	8175-16
3/4"	10.0"	3/16"	8183-10
3/4"	14.0"	3/16"	8183-14
3/4"	19.0"	3/16"	8183-19

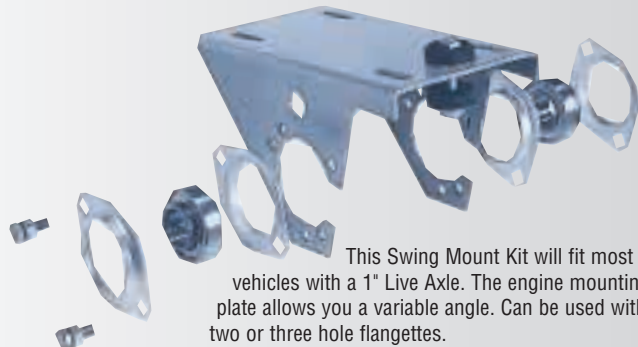
### Components for #35 Chain

DESCRIPTION	PART
13 Tooth Sprocket, 5/8" ID	2127
18 Tooth Sprocket, 5/8" ID	2132
Bearing Hanger (2 required)	8128
Jackshaft, 5/8" x 10", 3/16" Keyway or	8175-10
Jackshaft, 5/8" x 12", 3/16" Keyway	8175-12
Sealed, Precision Bearings (2 required)	8205
Keys, 3/16" x 3/16" x 3/4" (2 required)	8454
Collar, 5/8" ID	8554

### Components for #40 Chain

DESCRIPTION	PART
10 Tooth Sprocket, 3/4" ID	2110
14 Tooth Sprocket, 3/4" ID	2114
Bearing Hanger (2 required)	8128
Jackshaft, 3/4" x 14", 3/16" Keyway	8183-14
Standard Bearings, 3/4" ID (2 required)	8201
Keys, 3/16" x 3/16" x 3/4" (2 required)	8454
Collar, 3/4" ID	8560

## SWING MOUNT KIT



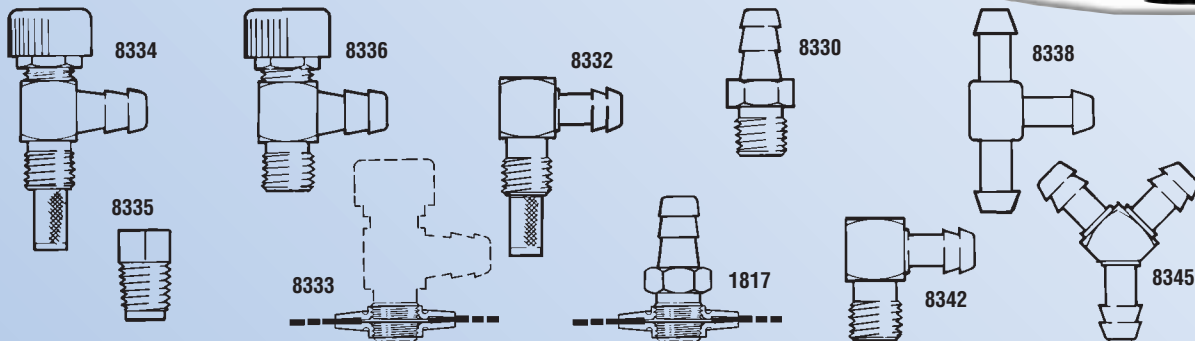
This Swing Mount Kit will fit most vehicles with a 1" Live Axle. The engine mounting plate allows you a variable angle. Can be used with two or three hole flanges.

DESCRIPTION	PART
Complete Assembly	1879
Assembly Less Mounting Unit	1878

### COMPONENTS

DESCRIPTION	NEEDED	PART
Steel Mounting Unit	1	8155
Bearings, with Hub, 1" ID	2	8211
Flanges, 2 Hole	4	8212
Rubber Grommets	2	8316
Grommet Washers	2	8317
Bolt, 5/16-18 x 1-3/4"	1	8407
Bolts, 5/16-18 x 3/4"	4	8421
Locknuts, 5/16-18	5	8510

### QUALITY FITTINGS



DESCRIPTION	PART	DESCRIPTION	PART	DESCRIPTION	PART
Valve, single with Filter 1/8" N.P.S.C.	8334	Valve, single 1/8" N.P.S.C.	8336	Fitting, 90° Elbow 1/8" N.P.S.C.	8342
Plug, 1/8" N.P.T.	8335	Fitting, 1/8" straight N.P.S.C.	8330	"T" Fitting Delrin®	8338
90° Elbow with Filter 1/8" N.P.S.C.	8332	Tank Drain Fitting - 1/8" P.T.	8333	"Y" Fitting Delrin®	8345
		Fuel Line Adapter Kit	1817		

### POLYURETHANE FUEL LINE #1887



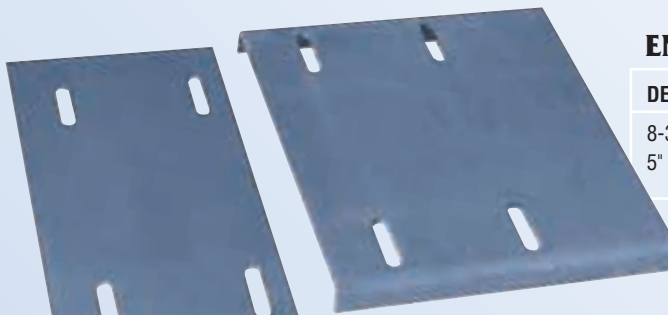
Twice the tensile and burst strength of vinyl and many times the abrasion resistance, this tough urethane Fuel Line will withstand millions of flexes. Low kinkage and excellent grab. The best! 1/4" ID x 3/8" OD.

### FENDER WASHERS



DIMENSIONS	PART	DIMENSIONS	PART
3/16" ID x 1" OD	8371	3/8" ID x 1-1/2" OD	8375
3/16" ID x 1-1/4" OD	8372	3/8" ID x 2" OD	8376
1/4" ID x 1" OD	8373	1/2" ID x 1-1/2" OD	8377
1/4" ID x 1-1/2" OD	8374	1/2" ID x 2" OD	8378

### ENGINE MOUNTING PLATES



DESCRIPTION	PART
8-3/4" x 7-3/4" - with lips	8191
5" x 12" - flat	8190

- Heavy Gauge Steel
- Slotted Mounting Holes

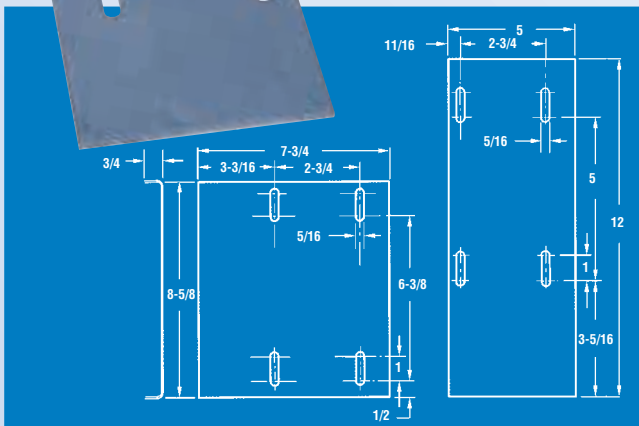
### RUBBER GROMMET KIT #1883



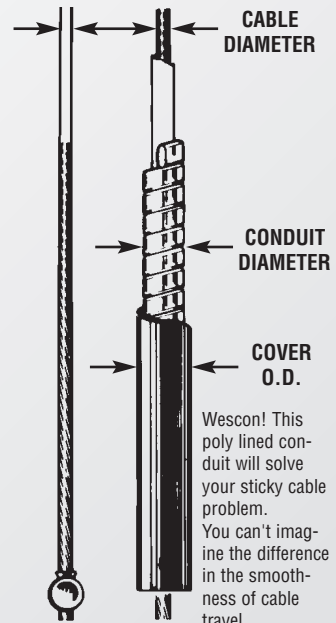
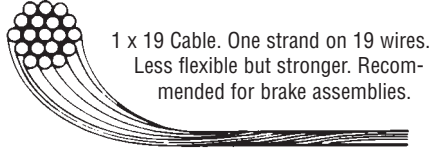
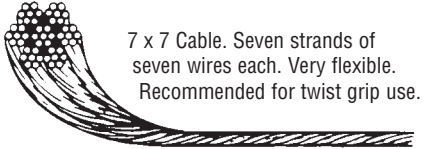
- For Faring Mounting
- To Shock-Mount Engines

#### COMPONENTS

DESCRIPTION	KIT	BULK
Rubber Grommets	8	8316
5/16 x 1-1/4" Washers	8	8317



# CONTROL CABLES and Fittings



WESCON CABLE				
Galvanized with Swaged Ball				
PRE-CUT LENGTHS				
DIAMETER	LENGTH	FOR CONDUIT	7 x 7 TYPE	1 x 19 TYPE
3/64	54"	3/16	2306	2307
3/64	64"	3/16	2327	—
3/64	84"	3/16	2328	2304
3/64	120"	3/16	2308*	—
1/16	54"	7/32	2301	2302
1/16	96"	7/32	2329	2300
1/16	96"	7/32	—	2330†
5/64	56"	1/4	2326	—
5/64	60"	1/4	—	2305
5/64	84"	1/4	—	2303
3/32	68"	9/32	—	2331

\* (#2308 has a barrel end.)  
† (#2330 has a stainless steel hex end for applications near heat.)

BULK CABLE - 50 Foot Minimum				
DIAMETER	FOR CONDUIT	7 x 7 TYPE	1 x 19 TYPE	
3/64	3/16	2343	2344	
1/16	7/32	2340	2341	
5/64	1/4	—	2342	

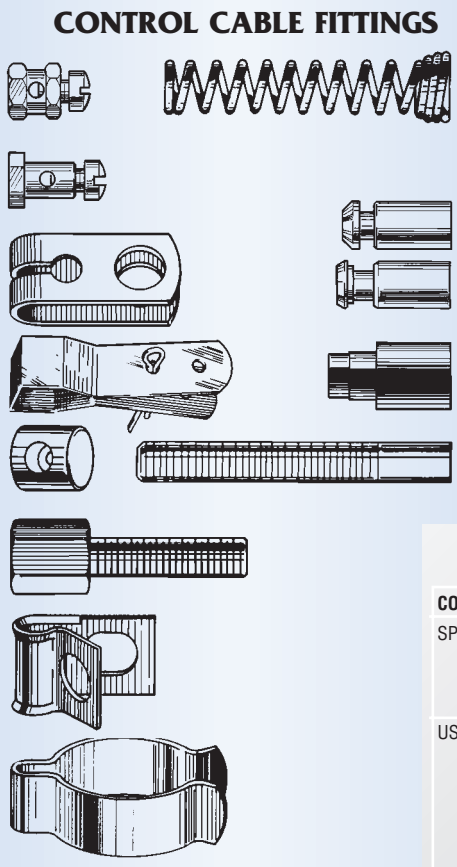
WESCON CONDUIT			
Poly-Lined - Cut to Length			
PRE-CUT LENGTHS			
DIAMETER*	LENGTH	FOR CABLE	PART
3/16	50"	3/64	2318-50
3/16	58"	3/64	2318-58
3/16	78"	3/64	2318-78
7/32	50"	1/16	2314-50
7/32	92"	1/16	2314-92
1/4	54"	5/64	2315-54
1/4	78"	5/64	2315-78
9/32	60"	3/32	2322-60
9/32	66"	3/32	2322-66

Wescon Conduit is available in any length. Please ask for quote.

BULK CONDUIT - 50 Foot Rolls		
DIAMETER	FOR CABLE	PART
3/16	3/64	2318
7/32	1/16	2314
1/4	5/64	2315
9/32	3/32	2322

\*See Compatibility Chart below for actual dimensions.

OD	ID	LENGTH	CONDUIT	PART
<b>WIRE STOPS</b>				
1/4	8-32	3/8	Thru 3/32	2360
<b>WIRE SWIVELS</b>				
1/4	8-32	240	Thru 3/32	2361
<b>CLEAVISES</b>				
1/4" Hole	1/2" Wide	1-1/8	Thru 3/32	2366
1/16" Hole	3/8" Wide	1-1/4	Thru 1/16	8157
<b>BALL ADAPTERS</b> (For 3/16 Ball)				
1/4	—	1/4	Thru 3/32	2365
1/4	—	3/8	Thru 3/32	2362
9/32	—	1/4	Thru 3/32	2363
3/8	—	3/8	Thru 3/32	2364
<b>CONDUIT RETAINERS - STEPPED</b>				
5/16-24	.260	1	7/32	2372
1/4-28	.260	1-1/2	7/32	2373
<b>CONDUIT CLAMPS</b>				
—	7/32	—	3/16 & 7/32	2379
—	1/4	—	1/4 & 9/32	2380
<b>CONDUIT CLIPS</b>				
7/8" Tube	—	—	7/32, 3/16 & 1/4	2374
1" Tube	—	—	7/32 & 1/4	2377



OD	ID	LENGTH	CONDUIT	PART
<b>SPRINGS</b>				
.350	1/4	1-7/8	7/32	2383
.350	1/4	2-1/4	7/32	2392
.350	1/4	3	7/32	2391
.438	5/16	3-1/8	1/4	2390
<b>CONDUIT BUTTONS</b>				
.316	.260	3/4	7/32	2369
.375	.290	3/4	1/4	2370
<b>GRIP ADAPTER/CABLE GUIDE</b>				
.437 x .312	.225 x .100	3/4	3/16	2381
.437 x .312	.275 x .100	7/8	9/32	2394
<b>CONDUIT RETAINERS - STRAIGHT</b>				
5/16-24	.260	2	7/32	2386
5/16-24	.287	2	1/4	2387

CONDUIT, CABLE AND FITTINGS COMPATIBILITY CHART				
CONDUIT PART NUMBER	2318	2314	2315	2322
SPECS:				
Nominal Size	[ 3/16 ]	[ 7/32 ]	[ 1/4 ]	[ 9/32 ]
Conduit Diameter	[ .187 ]	[ .218 ]	[ .250 ]	[ .280 ]
Cover OD	.218	.255	.278	.310
USE:				
<b>Description/Cable Size</b>	<b>3/64</b>	<b>1/16</b>	<b>5/64</b>	<b>3/32</b>
Conduit Clip	—	—	—	—
For 7/8" Tube (Part No.)	2374	2375	2375	—
For 1" Tube (Part No.)	2377	2377	2377	—
Conduit Clamp (Part No.)	2379	2379	2380	2380
Conduit Retainer (Part No.)	—	2372	—	—
—	—	2373	—	—
—	—	2386	2387	—
Conduit Button (Part No.)	—	2369	2370	—
Twist Grip Adapter (Part No.)	2381	—	—	2394





### THROTTLE ASSEMBLIES

**DELUXE #2352**  
(Wescon, Lined Conduit)



- 7 x 7 Cable, 1/16" OD x 54"
- Fits 7/8" OD handlebars
- Dummy Grip Included
- With 50" Premium, Slippery Wescon Conduit
- Or, 50" Flexible Unlined Conduit

**FOAM DUMMY GRIP #2352**

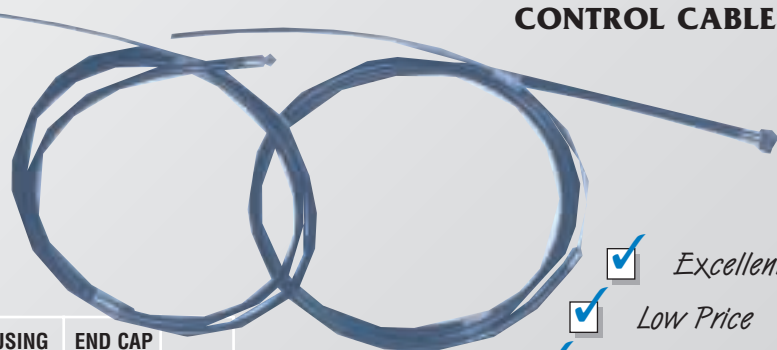


**ECONOMY #2359**  
(Unlined Conduit)

DESCRIPTION	7/8"	1"
Throttle Kit, 50" Cable & Lined Conduit	2352	—
Throttle Kit, 50" Cable & Unlined Conduit	2359	—
Throttle Kit Less Cable & Conduit	2350	—
Matching Dummy Grips Only	2349	2348
Foam Dummy Grips Only	2347	—

### CONTROL CABLES

**O.E.M.s:**  
We can make control cable assemblies to your specs from components on page 38. Check with our sales department.



- Excellent Quality
- Low Price
- Installed Conduit Caps

APPLICATION	CABLE LENGTH	CABLE OD	HOUSING LENGTH	END CAP OD	PART
Throttle	54"	1/16"	50"	.210	1751
Brake	64"	5/64"	60"	.370	1752
Brake	56"	5/64"	52"	.370	1753

**PROFESSIONAL BRAKE LEVER #1731**



- Split Mounting Collar
- Rugged Steel Handle with Classic Ball End
- Complete with Adjusting Hardware

**6 INCH NUMBER SETS #1885**

- Two of Each Digit from 0 to 9
- Full 6" High, Meets Latest Specs.
- Glossy Black on White Self-Adhesive

**REPLACEMENT ADJUSTER #2371**



[Click For Index](#)



## STEEL BUSHINGS - SPACERS - 1" OD



## REDUCER BUSHINGS / SPACERS

MATERIAL	OD	ID	LENGTH	PART
Steel	5/8"	1/2"	3/4"	2184
Steel	3/4"	5/8"	5/8"	8271
Nylon	13/16"	5/8"	13/16"	8328
Nylon	15/16"	3/4"	15/16"	8329
Nyliner-Split	11/16"	5/8"	7/8"	8215
Aluminum	1-1/4"	1"	1-1/4"	8362

Any size available in O.E.M. quantities.

ID	LENGTH	PART
5/8"	7/8"	8324
5/8"	1-1/8"	8363
5/8"	1-1/4"	8321
5/8"	1-5/8"	8323
5/8"	1-7/8"	8356
5/8"	2-1/4"	8357
5/8"	5"	8358
11/16"	1-1/4"	8359
11/16"	2-7/16"	8327
3/4"	1/2"	8325
3/4"	5/8"	8364
3/4"	1-1/4"	8361
3/4"	1-5/8"	8320
3/4"	1-7/8"	8360



## MINI AXLES

- Quality Steel Bar Stock
- 5/8-18 x 1" or 2" Threaded Ends
- 4 Lengths Available



LENGTH	THREADED ENDS	PART
6-3/4"	5/8-18 x 1"	8121-7
8"	5/8-18 x 2"	8120-8
8-3/4"	5/8-18 x 1"	8121-9
10"	5/8-18 x 2"	8120-10

## AXLE NUTS



LOCKNUTS	THREAD	PART	
Thin Profile, Nylon Insert	1/2-20	8514	
	5/8-18	8515	
	5/8-11	8509	
	3/4-16	8516	
	3/4-10	8517	
JAM NUTS	THREAD	PART	
<i>(for other nuts, see page 49)</i>		7/16-20	8513
		5/8-18	8524
		3/4-16	8525

- For 4", 5", 6" and 8" Wheels
- Cold Rolled Steel
- Chrome Plated or Unplated



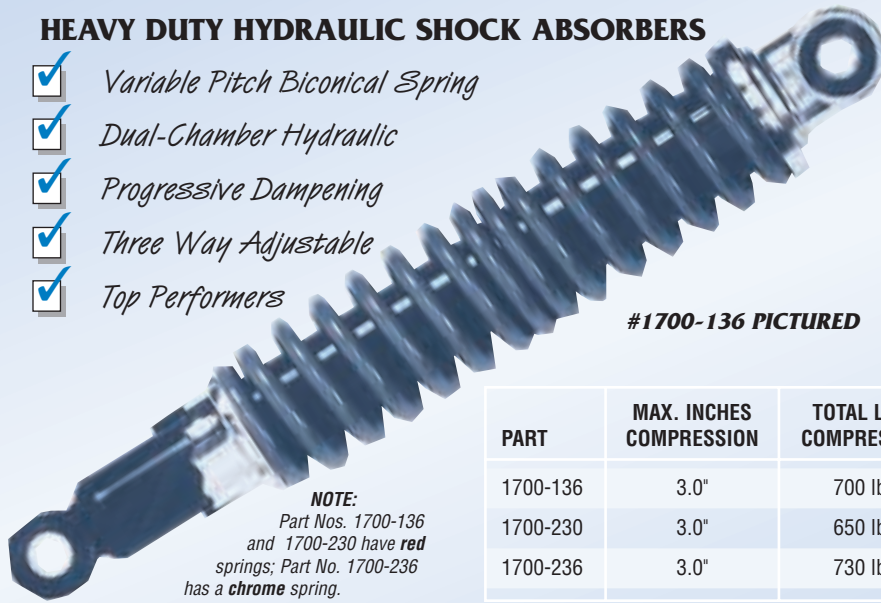
## DEEP DRAWN STEEL FENDERS

HEIGHT	LENGTH	TIRE SIZE	MAX. WIDTH	PART	
				CHROMED	UNPLATED
3.75"	14.5"	4", 5", 6"	4.2"	1857	1855
4.00"	18.0"	8"	4.0"	1858	1854
4.75"	18.0"	6", 8"	5.5"	1866	1865



### HEAVY DUTY HYDRAULIC SHOCK ABSORBERS

- Variable Pitch Biconical Spring
- Dual-Chamber Hydraulic
- Progressive Dampening
- Three Way Adjustable
- Top Performers



#1700-136 PICTURED

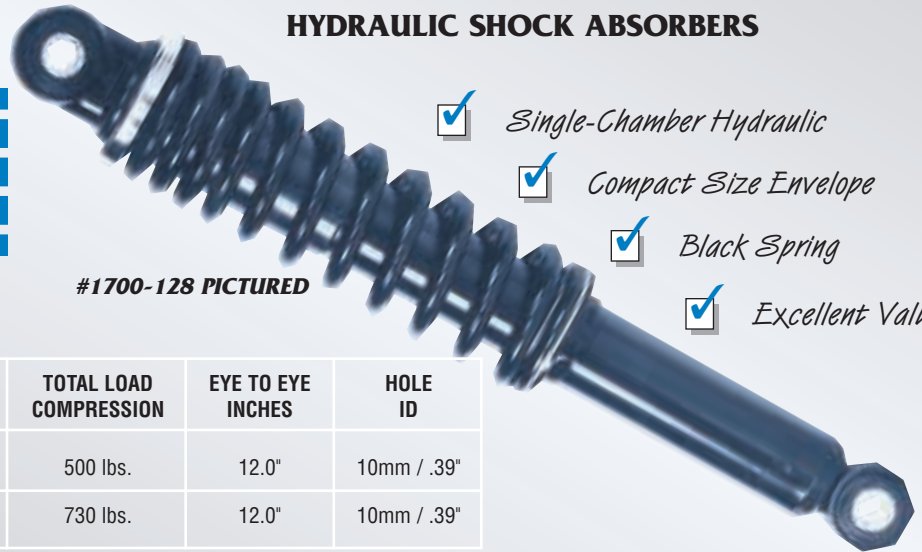
**NOTE:**  
Part Nos. 1700-136 and 1700-230 have red springs; Part No. 1700-236 has a chrome spring.

**Additional sizes available in O.E.M. quantities.**

PART	MAX. INCHES COMPRESSION	TOTAL LOAD COMPRESSION	EYE TO EYE INCHES	HOLE ID
1700-136	3.0"	700 lbs.	12.0"	11mm / .43"
1700-230	3.0"	650 lbs.	12.0"	12mm / .47"
1700-236	3.0"	730 lbs.	12.0"	12mm / .47"

### HYDRAULIC SHOCK ABSORBERS

**Additional sizes available in O.E.M. quantities.**



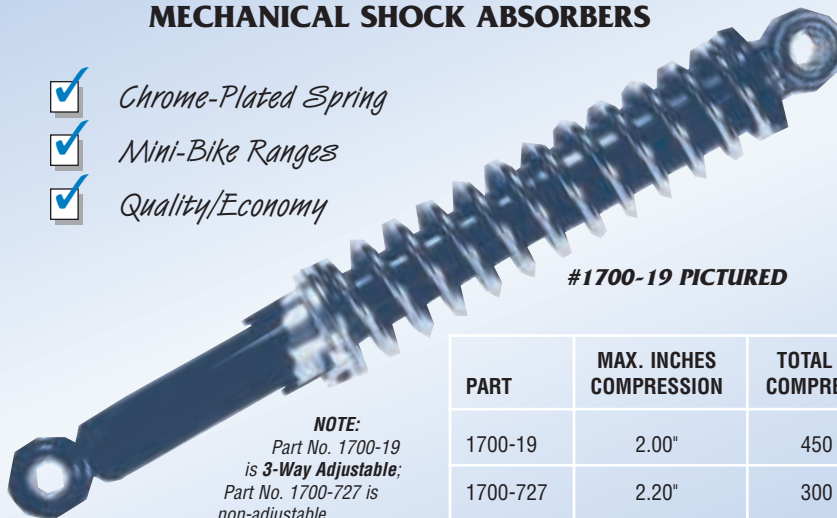
#1700-128 PICTURED

- Single-Chamber Hydraulic
- Compact Size Envelope
- Black Spring
- Excellent Value

PART	MAX. INCHES COMPRESSION	TOTAL LOAD COMPRESSION	EYE TO EYE INCHES	HOLE ID
1700-128	2.5"	500 lbs.	12.0"	10mm / .39"
1700-246	3.0"	730 lbs.	12.0"	10mm / .39"

### MECHANICAL SHOCK ABSORBERS

- Chrome-Plated Spring
- Mini-Bike Ranges
- Quality/Economy



#1700-19 PICTURED

**NOTE:**  
Part No. 1700-19 is 3-Way Adjustable; Part No. 1700-727 is non-adjustable.

**Additional sizes available in O.E.M. quantities.**

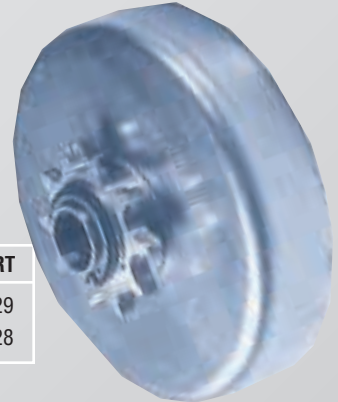
PART	MAX. INCHES COMPRESSION	TOTAL LOAD COMPRESSION	EYE TO EYE INCHES	HOLE ID
1700-19	2.00"	450 lbs.	12.0"	12mm / .47"
1700-727	2.20"	300 lbs.	12.3"	8mm / .31"

[Click For Index](#)





## KART & MINI BIKE 4 CYCLE CENTRIFUGAL CLUTCHES



### 4 Cycle Clutches For 1" Shaft

CHAIN SIZE	SHAFT DIA	TEETH	PART
#35	1"	12	2229
#40/41	1"	10	2228



### 4 Cycle Clutches For 5/8" & 3/4" Shafts\*

CHAIN SIZE	SHAFT DIA	TEETH	PART
#35	5/8"	11	2221
#35	5/8"	12	2222
#35	3/4"	12	2224
#35	3/4"	13	2225
#40/41	5/8"	10	2223
#40/41	3/4"	10	2220

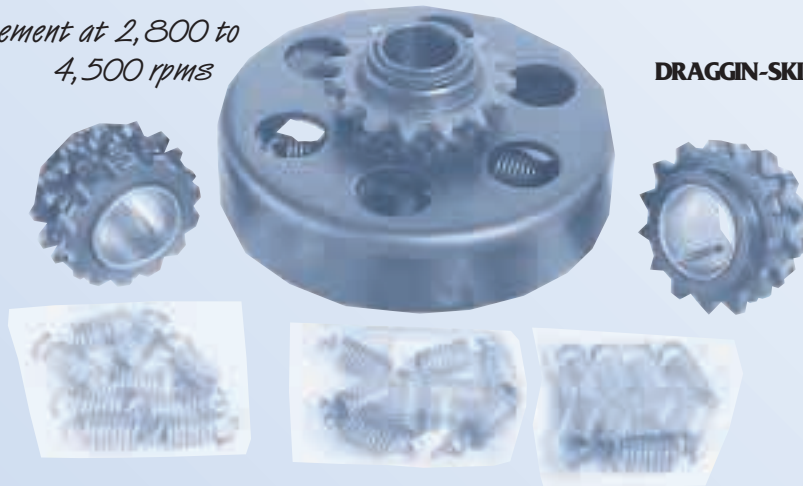
\*Keys (3/16" x 3/16" x 1/2") not included; order part #8498

- Sintered Metal Clutch Shoes
- Available in 5/8", 3/4" and 1" Bore
- Smooth Positive Engagement @ 1,800 to 2,000 rpms
- Hardened Steel Sprocket for #35, #40 or #41 Chain
- Automatic Engagement & Disengagement
- Works Clockwise or Counterclockwise
- Four Cycle Engines, 2-1/2 to 7 HP
- Works Well in Contaminated Conditions

## "DRAGGIN-SKIN" 4 CYCLE RACING CLUTCH

- Automatic Centrifugal Engagement & Release
- Bonded, Non-Asbestos Resin Linings
- 3 Interchangeable #35 Chain Sprockets, 4 Spring Sets
- 3/4" Bore, Can Be Mounted Inboard or Outboard
- Engagement at 2,800 to 4,500 rpms

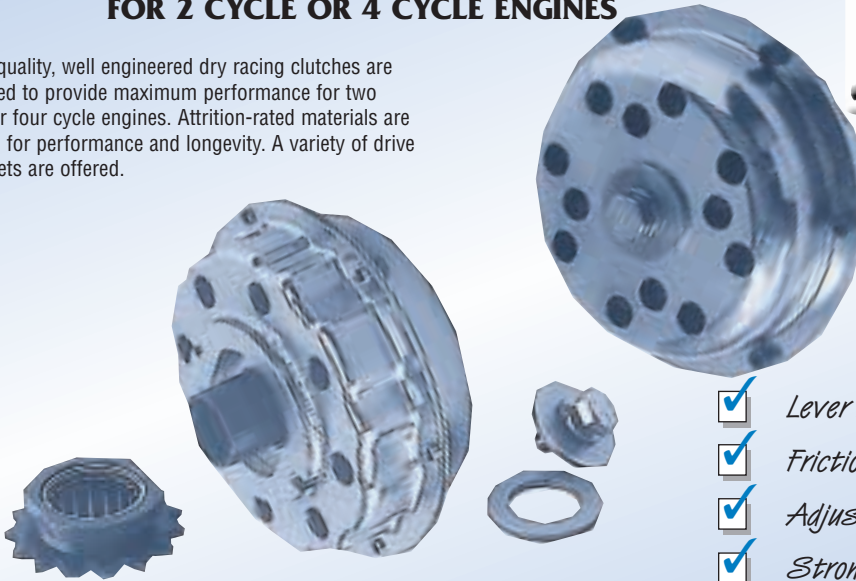
**DRAGGIN-SKIN CLUTCH #2230**



The "Draggin Skin" clutch is for all four-cycle kart racers who want consistency in engagement with flexibility in tuning the clutch. Interchangeable drive sprockets have 13, 14 and 15 teeth. The springs can be used in sets or mixed. Full instructions included.

## L&T DRY RACING CLUTCHES FOR 2 CYCLE OR 4 CYCLE ENGINES

These quality, well engineered dry racing clutches are designed to provide maximum performance for two cycle or four cycle engines. Attrition-rated materials are chosen for performance and longevity. A variety of drive sprockets are offered.



All individual components for L&T Clutches are available. Refer to your parts list.

- Lever Actuating Engagement
- Friction Discs - Not Shoes
- Adjustable Slip (RPM) Settings
- Strong Yet Lightweight

### L&T CLUTCH ASSEMBLY OPTIONS\*

1	2	3	4	5	6
DRIVE	DISCS	SPRINGS	CRANKSHAFT	BEARING	TEETH
2 = #219 CHAIN 3 = #35 CHAIN	1 = 1 DISC 2 = 2 DISC 3 = 3 DISC	3 = 3 SPRINGS 4 = 4 SPRINGS 6 = 6 SPRINGS	0 = NO TAPER 1 = 19-1/2° I.A.M.E. 2 = 20° YAMAHA 3 = 19-1/2° I.A.M.E. DEEP	BLANK = BUSHING A = NEEDLE BEARING	use Dash (-) followed by number of teeth #35 CHAIN 9 TO 19 #219 CHAIN 10 TO 23

\*Advise us of your clutch requirements and we will determine proper part number.

### L&T OIL-FILLED, 2 CYCLE RACING CLUTCH

- Flat, Square, Parallel, Non-Binding
- Adjustable RPM Engagement
- Oil Filled
- One, Two or Three Disc Units



All individual components for L&T Clutches are available. Refer to your parts list.

The L & T "Wet" clutch is designed especially for kart racing. Package contains starter nut, spacerwasher, woodruff key, lapping compound, installation tool, and a 6 oz. filler bottle of clutch oil. Full instructions included.

[Click For Index](#)



## KART SEAT COVERS

- Top Quality Black Vinyl
- Choice of Six Sizes
- Generous Foam Backing
- Priced Right

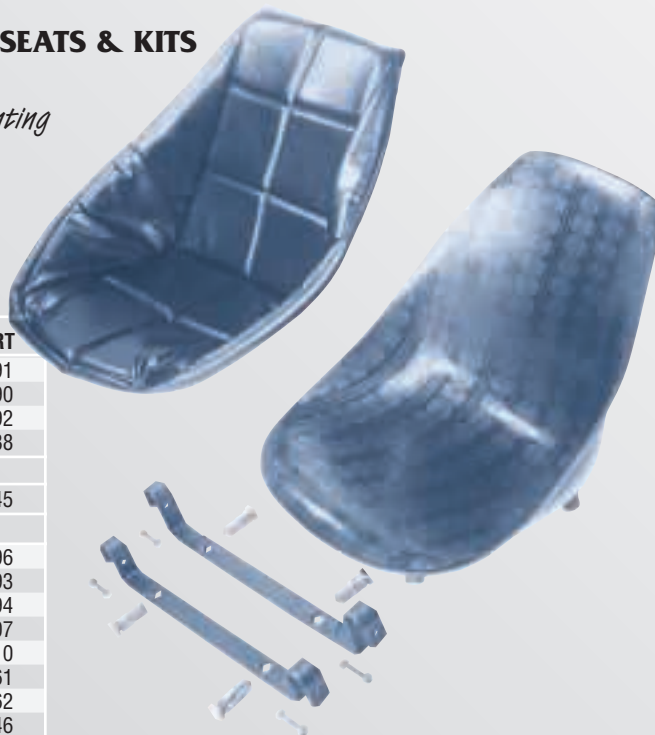


**O.E.M.s:** We can manufacture seat covers to your specs. Please inquire with our sales department.

STYLE	FOR FIBERGLASS SEATS	FOR "RIB HUGGER" SEATS
Jr. Rookie (Cadet)	1656	—
Rookie	1655	—
Medium	1653	1643
Large	1654	1644
X-Large	1651	1642
XX-Large	1649	—

## BUCKET SEATS & KITS

- Expanding Anchors for Positive Mounting
- Molded, High Impact Nylon Seat
- Reinforced Mounting Sockets



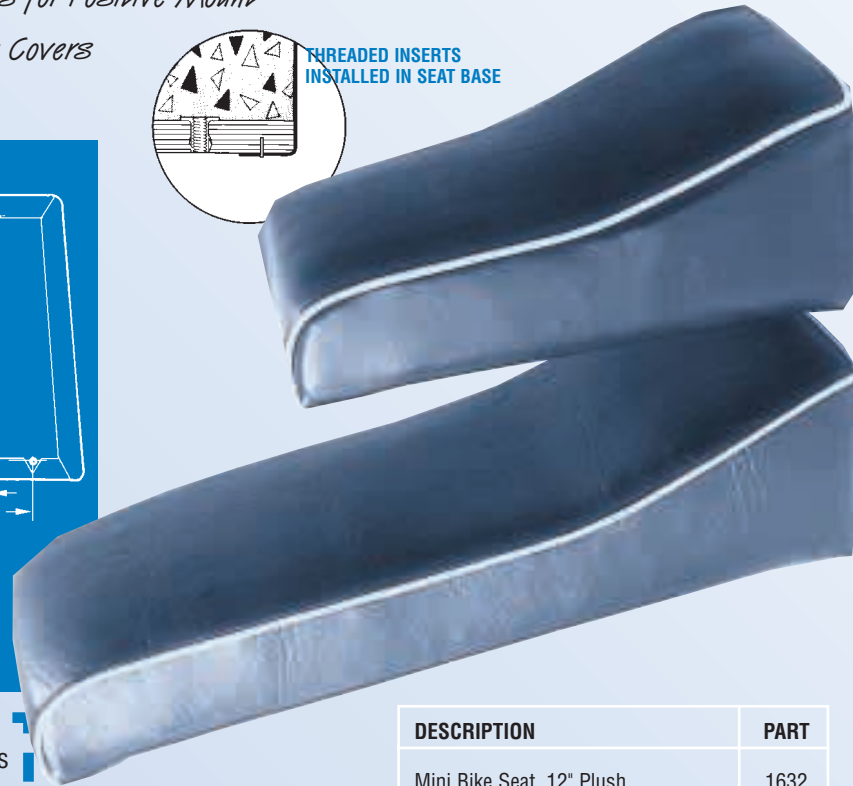
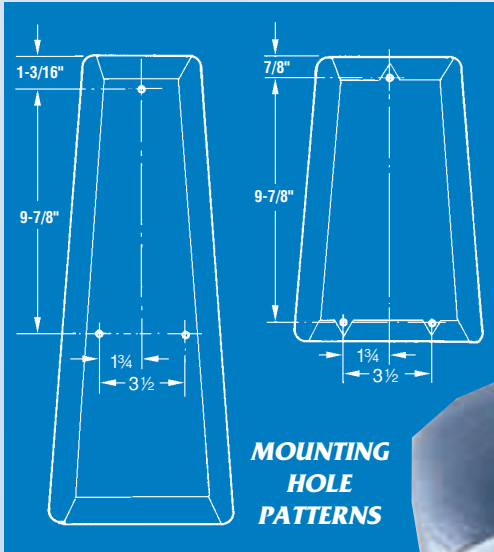
DESCRIPTION	PART
Bucket Seat Kit, Complete, with Cover	2291
Bucket Seat Kit, Complete, Less Cover	2290
Bucket Seat w/Mounting Hardware Only (no brackets)	8192
Seat Bracket Kit Only	2288
<b>UPHOLSTERED BUCKET SEAT COVERS</b>	
Bucket Seat Cover, Deluxe	1645
<b>COMPONENTS</b>	
Bucket Seat	8196
Bracket, 19-1/2" Centers	8193
Bracket, 18-1/2" Centers	8194
Bolt, 5/16-18 x 1-3/4" (4 req.)	8407
Locknut, 5/16-18 (4 req.)	8510
Anchor, Expanding (4 req.)	8461
Anchor Bolts, 1/2" x 2" (4 req.)	8462
Clamps (4 req.)	8346





## MINI-BIKE SEATS

- Sturdy, Thick Mounting Base*
- Dense Foam*
- Threaded Inserts for Positive Mount*
- High Quality Covers*



**O.E.M.s:** We can manufacture seats or covers to your specs. Please inquire with our sales department.

DESCRIPTION	PART
Mini Bike Seat, 12" Plush	1632
Mini Bike Seat, 19" Plush	1633

## FOLDING FOOT PEGS

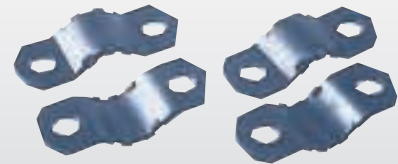


- Long Mounting Studs*
- Sturdy Rubber Treads*
- Folds When Not In Use*
- 10mm Bolts*

DESCRIPTION	PART
Folding Foot Pegs, Pair, Packaged	1740
Folding Foot Pegs, Pair, Bulk	1739
Folding Foot Pegs, Pair, with Clamps	2239

## NON-SLIP MOUNTING CLAMPS

- Hardened Teeth For Bite*
- For 3/4", 7/8" or 1" Tubing*
- Heavy Duty*



DESCRIPTION	PART
Non-Slip Clamps, Set, 4 Halves Pk'd	2209
Non-Slip Clamps, Bulk (Each)	8162

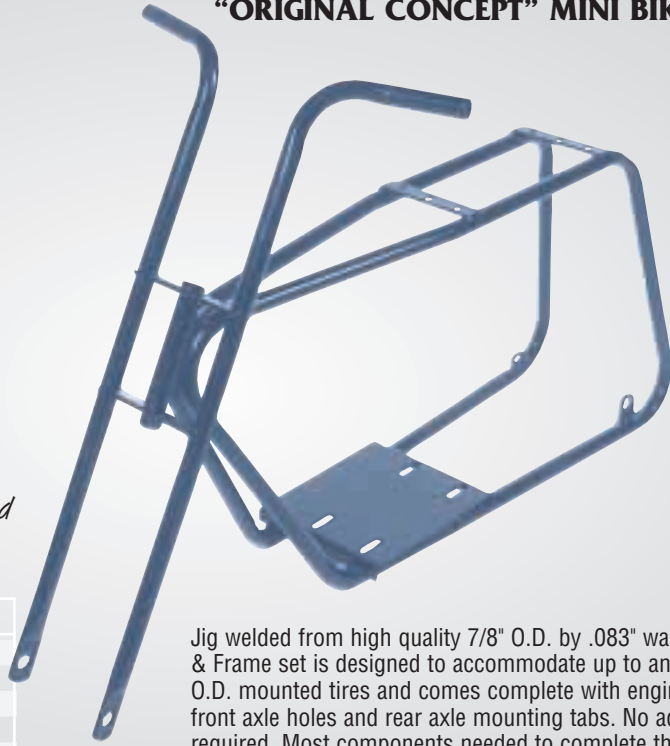
[Click For Index](#)

# MINI-BIKE FRAME and Parts Locator

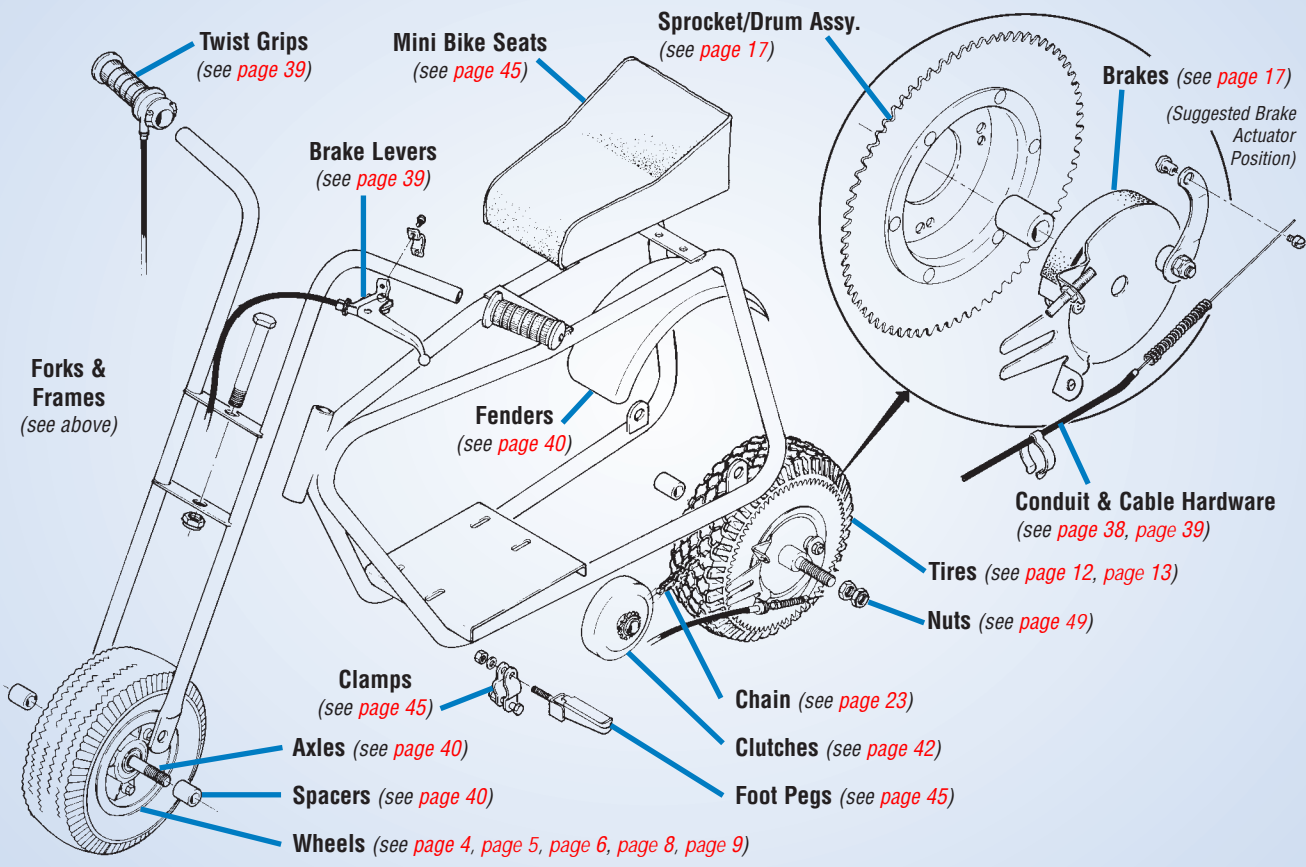
- ✓ Rugged Construction
- ✓ No Welding Needed
- ✓ Economical, Versatile
- ✓ Most Other Components  
On Hand

DESCRIPTION	PART
Mini-Bike Frame & Fork Kit	3545
Mini-Bike Frame	3548
Mini-Bike Fork & Bolt Set	3546
<i>Includes, in addition to Fork:</i>	
Bolt - Fork to Frame, 5/8-18 x 6"	8472
Locknut, 5/8-18, Thin, Nylon Insert	8515

## "ORIGINAL CONCEPT" MINI BIKE FRAME



Jig welded from high quality 7/8" O.D. by .083" wall tubing, this Fork & Frame set is designed to accommodate up to and including 17.5" O.D. mounted tires and comes complete with engine mounting plate, front axle holes and rear axle mounting tabs. No additional welding is required. Most components needed to complete the mini bike are available from Azusa's shelves. Total weight with Fork: 19 pounds.



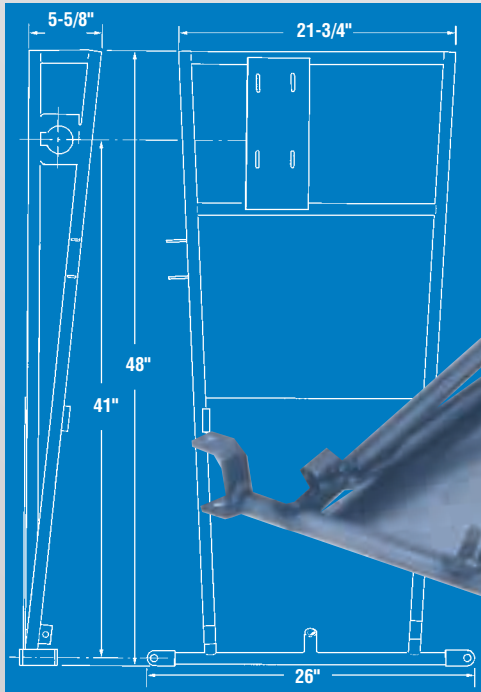
## ILLUSTRATED MINI BIKE PARTS LOCATOR

[Click For Index](#)



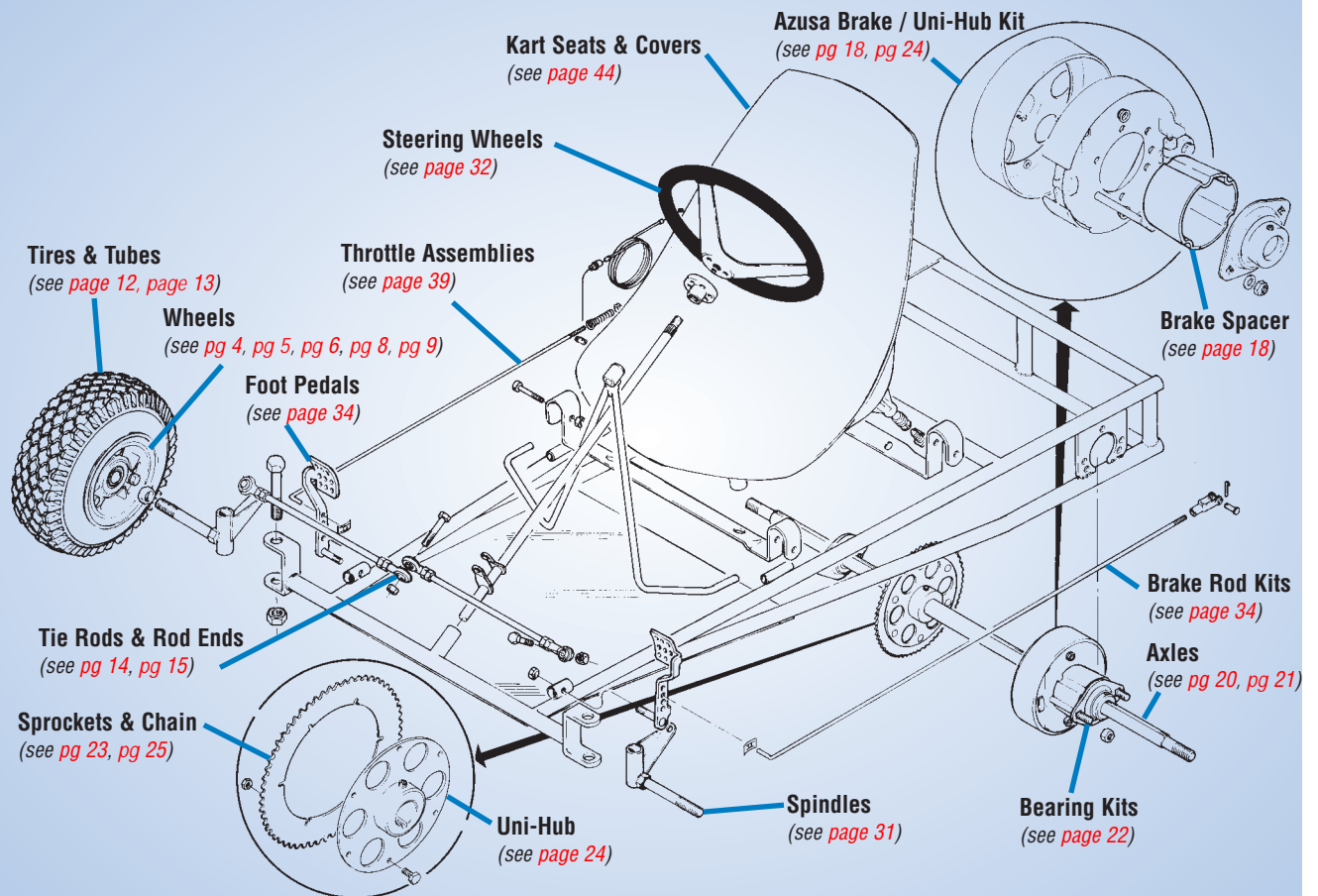
## KART FRAME

This sturdy, double tube construction, high quality unit is jig-welded and made of 1" OD x .083" wall steel tubing. Comes complete with steering hoop assembly, engine mounting plate, spindle brackets, steering shaft bushing, pedal bushings, live-axle bearing hangers and control rod anchors. Well designed and rugged, the frame weighs just 31 lbs.



### KART FRAME WITH STEERING HOOP #3502

- Low Cost - High Quality
- No Additional Welding Needed
- All Needed Components In Catalog
- Steering Hoop & Belly Pan Included



## ILLUSTRATED KART PARTS LOCATOR

[Click For Index](#)

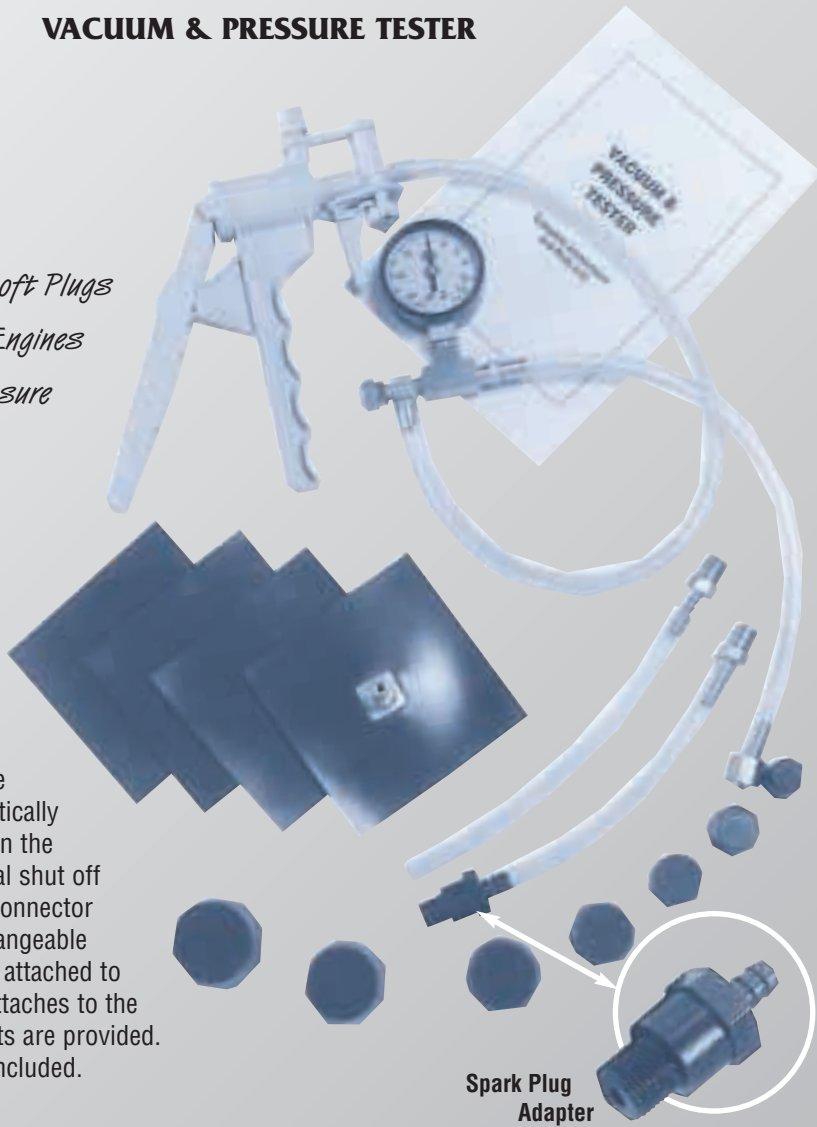




## VACUUM & PRESSURE TESTER

- ✓ *Locates Leaky Gaskets,  
Oil Seals or Soft Plugs*
- ✓ *Leak Test 2 Cycle and 4 Cycle Engines*
- ✓ *Measures Both Vacuum & Pressure*
- ✓ *A Must For The Serious Karter*

The pistol-grip hand pump has two hose connector ports, one for pressure and the other for vacuum. The gauge will automatically read pressure or vacuum, depending upon the hook-up you choose and set up. A manual shut off valve is included for added control. The connector hose features a coupling and two interchangeable hose connectors. A spark plug adapter is attached to one hose and a gasket-to-hose adapter attaches to the other. Assorted neoprene plugs and sheets are provided. Complete instructions and parts list are included.



Spark Plug Adapter

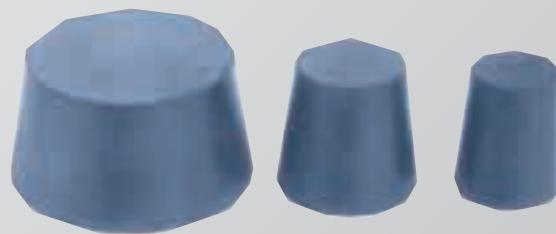
### ENGINE TESTER KIT COMPONENTS

DESCRIPTION	UNITS	PART
Vacuum & Pressure Pump	(1)	3801
Vacuum & Pressure Gauge	(1)	3802
"T" Fitting - Female - Brass	(1)	3803
Hose - Urethane - per foot	(4 Ft)	1887
Spark Plug Adapter	(1)	3807
Neoprene Gasket Squares	(4)	3812
Neoprene Stopper Plug - # 3 19/24mm	(1)	3817
Neoprene Stopper Plug - # 5 24/27mm	(1)	3818
Neoprene Stopper Plug - # 6 26/32mm	(1)	3819

DESCRIPTION	UNITS	PART
Neoprene Stopper Plug - # 7 30/37mm	(1)	3813
Neoprene Stopper Plug - # 8 34/41mm	(1)	3814
Neoprene Stopper Plug - # 9 37/46mm	(1)	3815
Hose Barb-male 1/4" X 1/4" N.P.T.M.	(2)	3821
Swivel-female 1/4" Barb X 1/4" N.P.T.F.	(1)	3822
Fitting - 1/8" Straight N.P.S.C.	(2)	8330
Tank Drain Fitting - 1/8" P.T.	(2)	8333
Valve- Single 1/8" N.P.S.C.	(1)	8336
Spring Hose Clamp	(1)	8347

### ADDITIONAL STOPPER PLUGS

DESCRIPTION	SIZE	PART
Neoprene Stopper Plug - #2	16/20mm	3820
Neoprene Stopper Plug - #4	20/26mm	3816
Neoprene Stopper Plug - #10	42/50mm	3823



- High Quality Hardware (Grade 5)
- Hard To Find Items
- Eliminate Down Time
- Have Spares Available When You Need Them



**BOLTS - HEX HEAD**

1/4-20 x 1/2" Button Head	8405
1/4-20 x 1/2"	8413
1/4-20 x 5/8"	8410
1/4-20 x 2-1/2"	8489
1/4-28 x 1/2"	8463
1/4-28 x 3/4"	8416
1/4-28 x 1-1/2"	8415
5/16-18 x 3/4"	8421
5/16-18 x 1"	8422
5/16-18 x 1-1/2"	8487
5/16-18 x 1-1/2" Fillster Head	8499
5/16-18 x 1-3/4"	8407
5/16-18 x 2"	8464
5/16-18 x 2-1/4"	8449
5/16-18 x 2-1/2"	8448
5/16-18 x 3"	8465
5/16-18 x 3-1/4"	8466
5/16-18 x 3-1/2"	8467
5/16-18 x 4"	8468
5/16-18 x 4-1/2"	8469
5/16-18 x 5"	8479
1/2-20 x 1-1/4**	8459
1/2-20 x 3-3/4"	8446
5/8-18 x 3-3/4**	8445
5/8-18 x 3-3/4"	8447
5/8-18 x 4-1/2**	8457
5/8-18 x 6**	8472
3/4-16 x 3-3/4**	8444
3/4-16 x 4-1/2**	8458
3/4-16 x 6**	8471

\*Unplated & may be round headed

**BOLTS W/HOLE**

1/4-28 x 3/4"	8412
1/4-28 x 7/8"	8423
5/16-24 x 1-1/4"	8414
5/16-24 x 2"	8486
5/16-24 x 2-1/4"	8485
3/8-24 x 1-3/4"	8481
3/8-24 x 2-1/4"	8482
3/8-24 x 4"	8473

**COLLARS W/SET SCREWS**

1/4" ID x 1.5" x 5/16" wide	8562
5/8" ID x 1.00" x 3/8" wide	8555
5/8" ID x 1.13" x 1/2" wide	8554
3/4" ID x 1.25" x 9/16" wide	8560
1" ID x 1-5/8" x 5/8" wide	8565

**COLLARS, SPLIT w/keyway & hdwr.**

1" ID x 1-3/4" x 1/2" wide	8557
1" ID x 1-3/4" x 1/2" Alum	8570
1" ID x 1-3/4" x 1/2" Billet Alum	8578
1-1/4" ID x 2" x 1/2" wide	8558
1-1/4" ID x 2" x 1/2" Alum	8571
1-1/4" ID x 2" x 1/2" Billet Alum	8579
1-3/8" ID x 2-1/4" x 1/2" wide	8559
35mm ID x 2-1/4" x 1/2" wide	8553
40mm ID x 2-1/2" x 1/2" wide	8552
40mm ID x 2-1/2" x 1/2" Billet Alum	8580

**CLAMPS**

Spring Hose Clamp 11/16"	8346
Spring Hose Clamp 3/8"	8347

**COTTER PINS**

1/16" x 1/2"	8419
3/32" x 3/4"	8418

**KEYS - MACHINE**

3/16" x 3/16" x 1/2"	8498
3/16" x 3/16" x 3/4"	8454
3/16" x 3/16" x 1-1/4"	8442
3/16" x 1/4" x 1-1/4"	8434
3/16" x 1/4" x 12"	8404
1/4" x 1/4" x 1-1/4"	8435
1/4" x 1/4" x 12"	8403
5/16" x 5/16" x 12"	8408
7mm x 7mm x 12"	8402

**KEYS - WOODRUFF**

3/8" x 3/32" (#212)	8432
1/2" x 1/8" (#3)	8433
3/4" x 5/32" (#506)	8443

**HEX NUTS**

6-32	8539
10-32	8508
1/4-28	8500
5/16-18	8519
5/16-24	8501

**JAMNUTS**

1/4-28	8531
1/4-28 Left Hand	8537
5/16-24	8523
5/16-24 Left Hand	8529
3/8-24	8512
3/8-24 Left Hand	8530
7/16-20	8513
5/8-18	8524
3/4-16	8525

**LOCKNUTS**

8-32(N)	8526
1/4-20 (N)	8502
5/16-18(N)	8510
5/16-24(N) Thin	8533
3/8-24(N) Thin	8534
3/8-24 All Metal	8503
1/2-20(N) Thin	8514
5/8-11(N) Thin	8509
5/8-18(N) Thin	8515
3/4-10(N) Thin	8517
3/4-16(N) Thin	8516

(N) Nylon Insert

**LUG NUTS**

1/2-20	8532
--------	------

**SLOTTED NUTS**

1/4-28	8527
5/16-24	8535
3/8-24	8536
1/2-20	8528
5/8-18	8521
5/8-18 Thin	8518
3/4-16	8511

**TINNERMAN NUT**

For .225 Brake Rod	8505
--------------------	------

**SET SCREWS**

8-32 x 1/8"	8490
8-32 x 1/4"	8484
1/4-28 x 1/4"	8470-F
1/4-20 x 1/4"	8470"
1/4-20 x 1/2"	8474
5/16-18 x 3/8"	8483
6mm x 7mm Fine	8406

**SMALL SCREWS**

8-32 x 1/4" Fillster	8460
10-32 x 3/8" Fillister	8440
10-32 x 3/4" Phillips	8497

**SNAP RINGS**

For 5/8" Steering Shafts	8322
For 25mm Axles	8341
For 40mm Axles	8339
For 1" Axles	8343
For 1-1/4" Axles	8340
For 1-3/8" & 35mm Axles	8348
For 1-1/2" Axles	8344

**SOCKETHEAD CAP SCREWS**

10-24 x 3/4"	8436
10-24 x 1"	8478
10-32 x 3/8"	8476
10-32 x 5/8"	8477
10-32 x 3/4"	8480
10-32 x 1-1/4"	8475
1/4-20 x 1/2"	8441
1/4-20 x 7/8"	8437
1/4-20 x 1"	8493
1/4-20 x 1-1/4"	8492
1/4-20 x 1-1/2"	8491
1/4-28 x 3/8"	8494
1/4-28 x 1/2"	8495
1/4-28 x 5/8"	8496
1/4-28 x 7/8"	8496-M
3/8-16 x 3/8"	8439
5/16-18 x 1"	8438

**WASHERS I.D. O.D. PART**

Flat	1/4"	.625"	8317
Flat	1/2"	.750"	8304
Fender/Grommet	5/16"	1.25"	8317
Fender	3/8"	1.50"	8375
Fender	3/8"	2.00"	8376
Fender	1/2"	1.50"	8377
Fender	1/2"	2.00"	8378
Dust Shield	5/8"	1.76"	8305
Dust Shield	3/4"	1.76"	8301
Lkwshr-Split	5/16"	.570"	8302
Lkwshr-Split	1/2"	.865"	8303

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## TERMS OF SALE & WARRANTIES

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<https://gokartsusa.com/Gokart-Parts-Minibike-Parts.aspx>



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