



# PRODUCT CATALOG



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## Our catalog is high quality because . . .

*we are proud of our high quality products and want our catalog to reflect that quality. Our aim is to assist our dealers and distributors with an easy-to-use format plus a method to present our products to their customers. The catalog is designed to provide you with a fast, effective “clip-art” source to scan or reproduce for your own catalog, a quick ad or a special you may want to run. Our use of quality, glossy stock makes it easier to accomplish all of these secondary uses.*



## We have chosen a loose-leaf binder system because . . .

*we feel it is more versatile than a stapled or other permanently bound system. Loose-leaf binding provides customers easy access to individual pages without destroying the binding. It also allows us, here at Azusa, to update the catalog by simply sending out replacement pages with new products. As a result, you will have current information on an ongoing basis without having to wait for a new catalog printing.*



## Keeping up with the latest technology . . .

*our catalog is available in a variety of digital formats. Contact us with your digital needs including photos and/or layouts and we will do our best to accommodate you.*

*Our **web site** [<http://www.azusaeng.com>] features a great deal of useful information about Azusa and our products. In addition, if you or your customers ever need our catalog or our racewear brochure “right now,” you can **download** these items 24 hours a day, 7 days a week.*

*For quick, efficient service, our **business computer system** enables us to provide you with immediate information regarding the status of your orders, product availability, purchase history and a variety of other helpful information.*



## Founded in 1960 with four products . . .

*to serve the exploding karting market, we are approaching 50 years in business and are proud to be the industry's largest supplier of karting products. Now with thousands of products, Azusa has become a central inventory source providing a single, convenient source for many of your product needs.*

*The bulk of our products are manufactured by us, or for us, using our proprietary dies and designs. We are a direct importer of other items such as tires, tubes, shock absorbers, roller chain and bearings. In addition to our large inventory of fun kart components, we supply the kart racing market with a large line of products such as axles, sprockets and racing clutches and racing apparel.*

*Our products are regularly and ever-increasingly utilized in other fields, both recreational and industrial. With the many resources at our disposal, we welcome OEM inquiries about unique product needs which may differ from our standard product line.*



## We are easy to contact . . .

**Business Hours:** Monday – Friday, 7:30 a.m. – 4:30 p.m. (Pacific Time)

**Mailing Address:** 1542 Industrial Park Street, Covina, CA 91722-3417  
or P.O. Box 2909, Covina, CA 91722-8909

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## AZUSA'S FIVE INCH "TRI-STAR" ALUMINUM WHEELS

- ✓ *Bead-Biting Edges Prevent Slipping*
- ✓ *Split Rim for Easy Tire Mounting*
- ✓ *Beautiful Ball-Burnished Finish*
- ✓ *3.75" Bolt Circle*



### 5" ALUMINUM TRI STAR WHEELS - 3" Wide

BALL BEARING WHEEL	Part No.
With 5/8" ID Precision Ball Bearings	1144
With 5/8" ID Standard Ball Bearings	1146 With
3/4" ID Standard Ball Bearings	1148
Two Halves w/Nuts & Bolts Only	1145
With 3/4" ID Sealed Ball Bearings	1141
One Half Only	8053
TAPERED ROLLER BEARING WHEEL	
With 5/8" ID Sealed Tapered Roller Bearing	1135
With 3/4" ID Sealed Tapered Roller Bearing	1136
With 3/4" ID Tapered Roller Bearing*	1137
With 5/8" ID Tapered Roller Bearing*	1138
With Races, Nuts & Bolts Only	1139
Two Halves w/Nuts & Bolts Only	1142
One Half Only	8052
*Dust shields provided	
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 **pages 12 & 13**  
for Tire & Tube Part  
Numbers

See **page 10** for Complete  
Wheel Dimensions

See **page 8** for 5" Wheel  
Spacers & Accessories

### TIRES TO FIT 5" TRI-STAR WHEELS

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

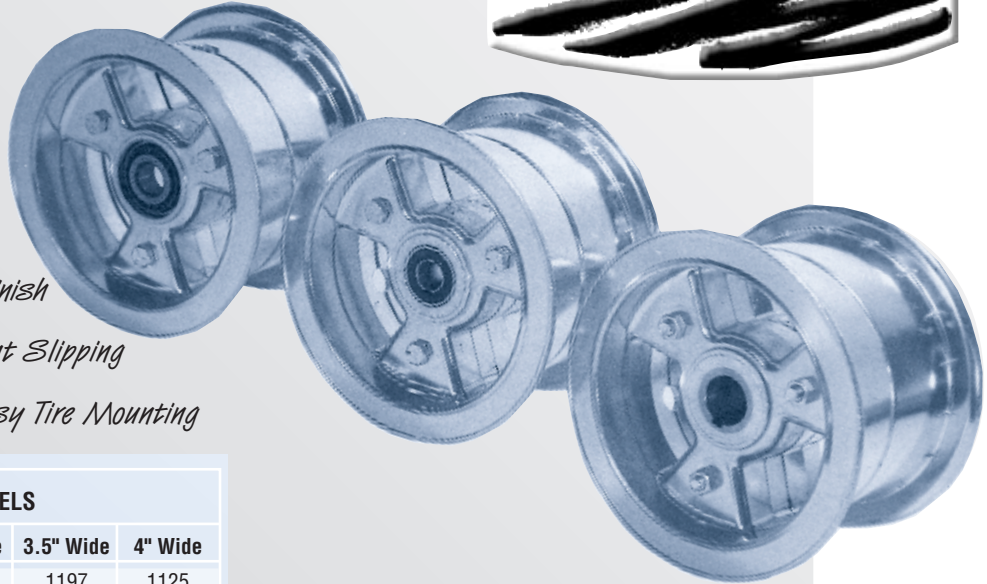
### TIRE TREAD PATTERNS



## AZUSA'S SIX INCH "TRI-STAR" ALUMINUM WHEELS



- ☒ 3.75" Bolt Circle
- ☒ 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 Precision Ball Bearings	1193	1197	1125
With 5/8" ID Standard Ball Bearings	1194	1198	1126
With 3/4" ID Standard Ball Bearings	1195	1199	1127
With 3/4" ID Sealed Ball Bearings	1132	1133	1122
Two Halves with 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 Tapered Roller Bearing	1104		
With 3/4" ID Sealed Tapered Roller Bearing	1105		
With 3/4" ID Tapered Roller Bearing*	1106		
With 5/8" ID Tapered Roller Bearing*	1107		
With Races, Nuts & Bolts Only	1108		
Two Halves with Nuts & Bolts Only	1123		
One Half Only	8011		
*Dust shields provided			
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

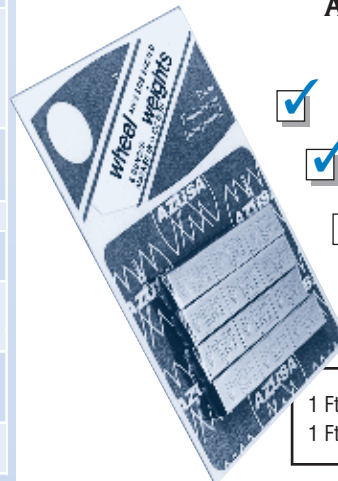
### TIRES TO FIT 6" TRI-STAR WHEELS

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

See [pages 12 & 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

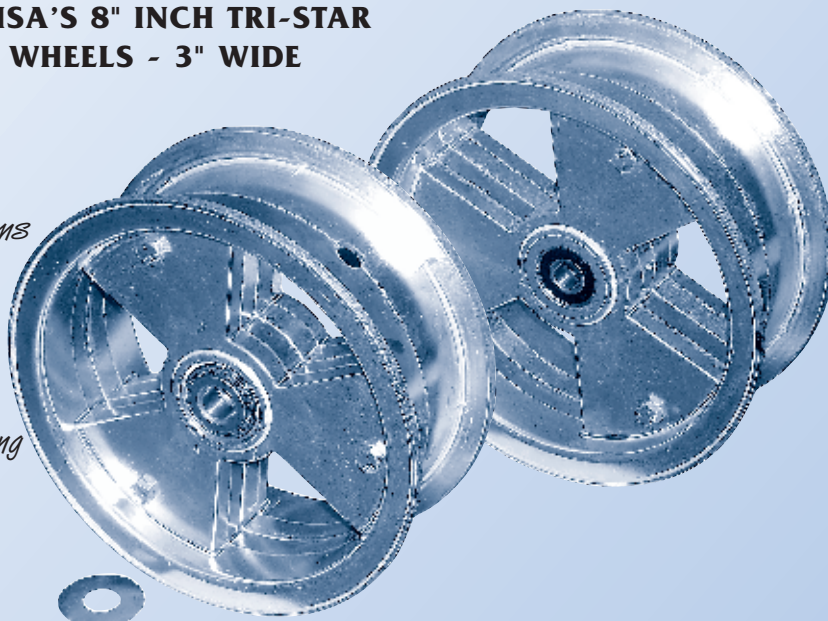


1 Ft. - 1/4 ounce weights - Packaged	1820
1 Ft. - 1/4 ounce weights - Bulk (uncut)	1819



## AZUSA'S 8" INCH TRI-STAR WHEELS - 3" WIDE

- ☒ Attach Azusa 4 1/2" Brake Drums
- ☒ Ball & Roller Bearing Styles
- ☒ Bright Ball-Burnished Finish
- ☒ Split-Rim for Easy Tire Mounting



### TIRES TO FIT 8" TRI-STAR WHEELS

410/350 x 8	Ribbed
480/400 x 8	Ribbed Sawtooth Slick
14-300 x 8	Ribbed

See **pages 12 & 13** for Tire & Tube Part Nos.

### 8" BALL BEARING WHEELS

With 5/8" Precision Ball Bearing	1152
With 5/8" Standard Ball Bearing	1153
With 3/4" Sealed Ball Bearing	1151
With 3/4" Standard Ball Bearing	1154
One Half Only - Ball Bearing Style	8023

### 8" TAPERED ROLLER BEARING WHEELS

With 5/8" Sealed Tapered Roller Bearing*	1112
With 5/8" Tapered Roller Bearing*	1114
With 3/4" Sealed Tapered Roller Bearing	1113
With 3/4" Tapered Roller Bearing	1112
One-Half Only, Tapered Roller Bearing Style	8024

See **page 10** for Complete Wheel Dimensions

\*Dust Shield Provided

## THE 6" "ASTRO"



## CUSTOM ALUMINUM WHEELS

- ☒ Burnished Aluminum Finish
- ☒ Choice of Bearing Styles
- ☒ Split-Rim Assembly

### TIRES TO FIT 6" ASTRO WHEELS

410/350 x 6	Sawtooth Studded Regular Slick Universal Scooter
13-400 x 6	Ribbed Heavy Duty Slick

### TIRES TO FIT 8" SPINNER WHEELS

410/350 x 8	Ribbed
480/400 x 8	Sawtooth Ribbed Slick
14-300 x 8	Ribbed

## THE 8" "SPINNER"



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

With 5/8" Precision Ball Bearings	1175
With 5/8" Standard Ball Bearings	1176
With 3/4" Sealed Ball Bearings	1179
With 3/4" Standard 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

See **pages 12 & 13** for Tire & Tube Part Nos.

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

With 5/8" Precision Ball Bearings	1128
With 5/8" Standard Ball Bearings	1129
With 3/4" Sealed Ball Bearings	1121
With 3/4" Standard Ball Bearings	1130
Two Halves w/Nuts & Bolts Only	1131
One Wheel Half Only	8003

See **page 10** for Complete Wheel Dimensions

## MULTI-PURPOSE STEEL WHEELS

- ✓ *Three Sizes: 4", 5" & 6" O.D.*
- ✓ *Two Hub Types:*
  - ... 1" Live Axle, 1/4" Keyway
  - ... 3/4" Ball Bearing, Grease Fitting
- ✓ *Split-Rim for Easy Tire Mounting*
- ✓ *Most all 4", 5" & 6" Tire Styles*

4", 5" & 6" WHEEL DESCRIPTIONS	PART NO.
4" Steel Wheel, 2 halves & 1" Live Axle Hub	1030
4" Steel Wheel, 2 halves & 3/4" Ball Bearing Hub	1031
5" Steel Wheel, 2 halves & 1" Live Axle Hub	1032
5" Steel Wheel, 2 halves & 3/4" Ball Bearing Hub	1033
6" Steel Wheel, 2 halves & 1" Live Axle Hub	1034
6" Steel Wheel, 2 halves & 3/4" Ball Bearing Hub	1035

See **page 10** for Complete Wheel Dimensions

See **pages 12 & 13** for Tire & Tube Part Nos.

**HUBS ALSO SOLD SEPARATELY**



## THE AZUSA "TEN-INCHER" STEEL WHEEL



- ✓ *For 350x10 & 250x10 Tires*
- ✓ *Chrome Plating*
- ✓ *Split-Rim for Easy Tire Mounting*



DESCRIPTION	Black Oxide Less Bearings	Black Oxide w/ Prec. Bearings	Plated Less Bearings	Plated, w/ Precision Bearings
Basic Wheel	10101	10121	10131	10151
Wheel w/Brake Drum	10102	10122	10132	10152
Wheel w/Brake Flanged Drum	10103	10123	10133	10153
Wheel w/#35* Sprocket & Drum - 60 tooth	10104	10124	10134	10154
Wheel w/#35* Sprocket & Drum - 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

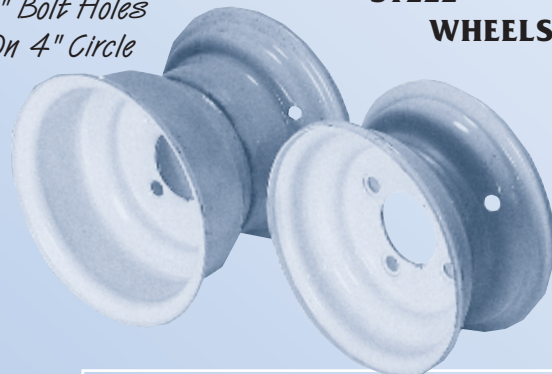


- ✓ *One Piece, 2-3/4" Bore*
- ✓ *Four 1/2" Bolt Holes On 4" Circle*

- ✓ *3/4" Ball Bearing*
- ✓ *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

## ATV & TRAILER STEEL WHEELS



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



☒ Three Widths

☒ Live Axle Model

☒ 3.75" Bolt Circle

See **page 10** for  
Complete Wheel  
Dimensions



## 5" AZUSALITE WHEELS

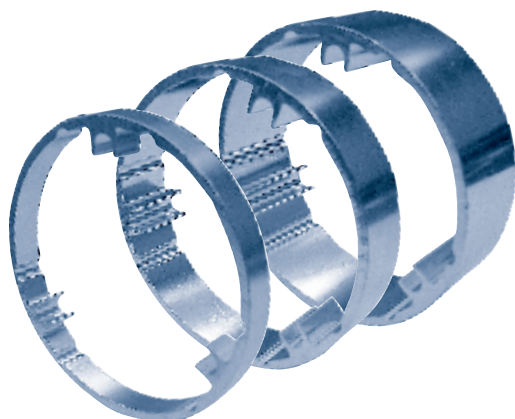
For 1-3/8" OD Ball Bearings	3" Wide	3-1/2" Wide	4" Wide
With 5/8" ID Prec Ball Bearings	1057	1061	1065
With 5/8" ID Std Ball Bearings	1058	1062	1066
With 3/4" ID Std Ball Bearings	1068	1069	1070
Two Halves w/Nuts & Bolts Only	1048	1049	1042
One Half Only w/Valve Hole	7909	7909 or 7913	7913
One Half Only 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

## TIRES TO FIT 5" AZUSALITE WHEELS

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

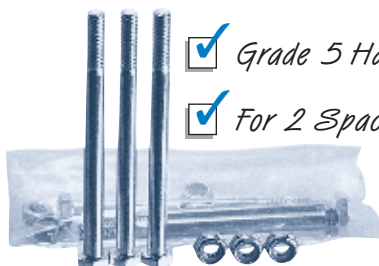
See **pages 12 & 13** for  
Tire & Tube Part Nos.

## WHEEL SPACERS FOR 5" ALUMINUM WHEELS



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

## SPACER BOLT & NUT KITS



☒ Grade 5 Hardware

☒ For 2 Spacers

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

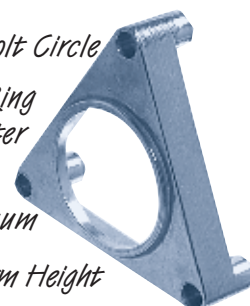
## BRAKE DRUM PLATFORM FOR 5" AZUSALITE WHEELS

☒ 3.75" Bolt Circle

☒ 2.10" Ring  
Diameter

☒ Cast  
Aluminum

☒ 1" Platform Height



Brake Platform	2259
Platform w/Nuts & Bolts	2259A



## 4" AZUSALITE WHEELS

- ☒ *Corrosion-Proof, Solvent Resistant*
- ☒ *Tough and Lightweight*
- ☒ *Split-Rim Design*
- ☒ *2.92" Bolt Circle*



See **page 10**  
for Complete  
Wheel Dimensions

## 4" AZUSALITE WHEELS

For 1-3/8" OD BALL BEARINGS	3" WIDE
With 1/2" Precision Ball Bearings	1051
With 1/2" Standard Ball Bearings	1055
With 5/8" Precision Ball Bearings	1053
With 5/8" Standard Ball Bearings	1054
With 3/4" Standard Ball Bearings	1041
With 3/4" Sealed Ball Bearings	1052
Two Halves w/Nuts & Bolts Only	1050
One Half Only	7900

### 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.

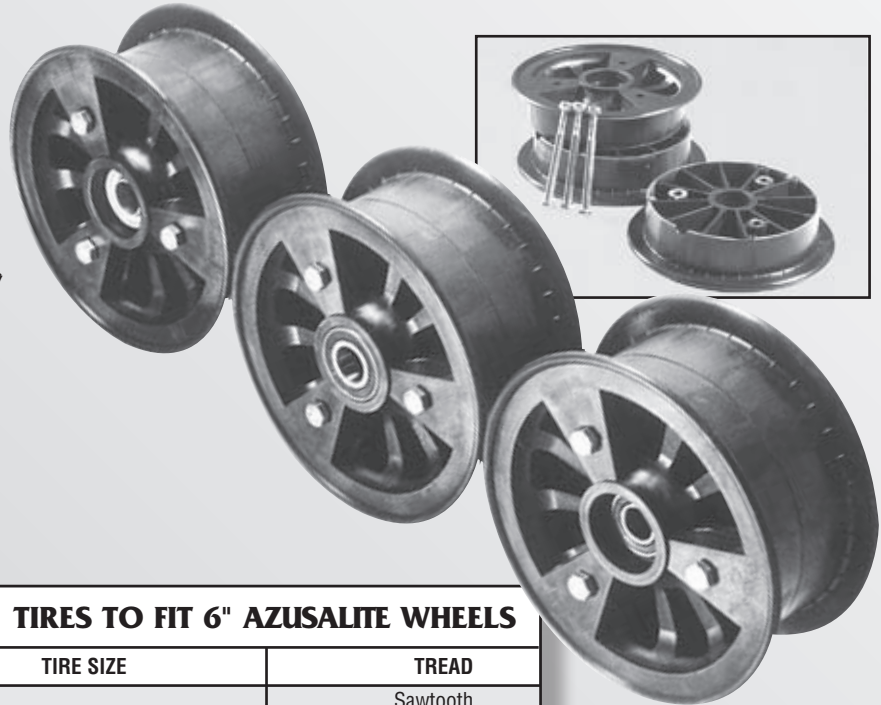
See **pages 12 & 13** for Tire & Tube Part Nos.

## TIRES FOR 4" AZUSALITE WHEELS

TIRE SIZE	TREAD
280/250 x 4	Sawtooth
9-350 x 4	Regular Slick
410/350 x 4	Sawtooth
	Studded
	Regular Slick
	Turf
10-300 x 4	Universal
	Ribbed
300 x 4	Turf

## 6" AZUSALITE WHEELS

- ☒ *3.75" Bolt Circle*
- ☒ *Tough and Lightweight*
- ☒ *Split-Rim Design For Easy Mounting*



## 6" AZUSALITE WHEELS

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 TO FIT 6" AZUSALITE WHEELS

TIRE SIZE	TREAD
410/350 x 6	Sawtooth
	Studded
	Regular Slick
	Universal
13-400 x 6	Ribbed
13-500 x 6	Ribbed
	Turf Slick
530/450 x 6	Universal
	Studded

See **pages 12 & 13** for Tire & Tube Part Nos.



## QUALITY LUG NUTS



*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
3/4-16	8511

## BOLTS WITH HOLES



*Grade 5*

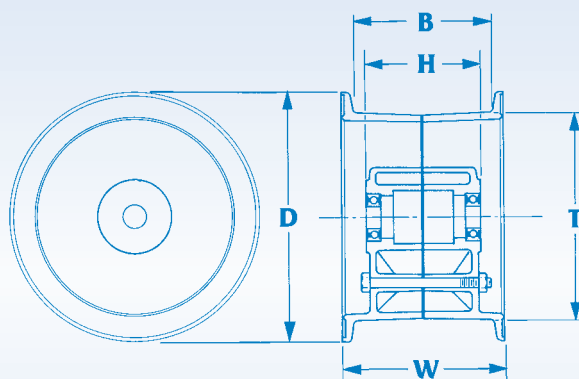


*Hole Drilled 3/32" from End for Safety Wire or Cotter Pin*



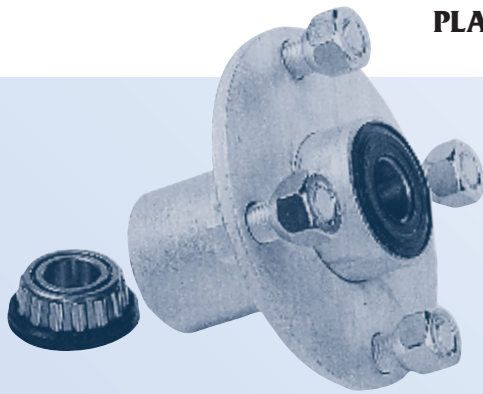
SIZE	PART
1/4-28 x 3/4	8412
1/4-28 x 7/8	8423
5/16-24 x 1-1/4	8414
5/16-24 x 2	8486
5/16-24 x 2-1/4	8485
5/16-24 x 3-1/2	8428
3/8-24 x 1-3/4	8481
3/8-24 x 2-1/4	8482
3/8-24 x 4	8473

	Tire Size	Bead Width	Maximum Width	Wheel Diameter	Hub Width	Weight (Nominal)
Aluminum Wheels	T	B	W	D	H	LBS.
<b>5" TRI STAR</b>						
For Ball Bearings (1-3/8 OD)	5"	3.12"	3.70"	6.00"	2.90"	2.4
For Live Axle	5"	3.12"	3.70"	6.00"	2.90"	2.4
For Tapered Roller Bearings	5"	3.12"	3.70"	6.00"	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"	2.1
<b>8" TRI STAR</b>						
For Ball Bearings (1-3/8 OD)	8"	3.00"	3.62"	9.00"	2.50"	3.7
For Tapered Roller Bearings	8"	3.00"	3.62"	9.00"	2.50"	3.7
<b>8" "SPINNER"</b>						
For Ball Bearings (1-3/8 OD)	8"	3.00"	3.50"	9.00"	3.00"	2.5



Azusalite Wheels	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"	0.55
<b>5" NYLON</b>						
For Ball Bearings (1-3/8 OD)	5"	3.00"	3.40"	6.12"	1.50"	0.86
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"	0.86
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
Steel Wheels	T	B	W	D	H	LBS.
<b>4" MULTI-PURPOSE</b>						
For Ball Bearings	4"	2.25"	2.75"	5.00"	2.50"	1.85
For Live Axle	4"	2.25"	2.75"	5.00"	2.75"	2.20
<b>5" MULTI-PURPOSE</b>						
For Ball Bearings	5"	2.625"	3.50"	6.25"	2.50"	2.95
For Live Axle	5"	2.625"	3.50"	6.375"	2.75"	3.35
<b>6" MULTI-PURPOSE</b>						
For Ball Bearings	4"	2.25"	2.75"	5.00"	2.50"	3.40
For Live Axle	4"	2.25"	2.75"	5.00"	2.50"	3.75
<b>10" TEN-INCH</b>						
For Ball Bearings (1-3/8 OD)	10"	2.25"	2.75"	5.00"	2.50"	5.2

## PLATED STEEL ADAPTER HUBS...

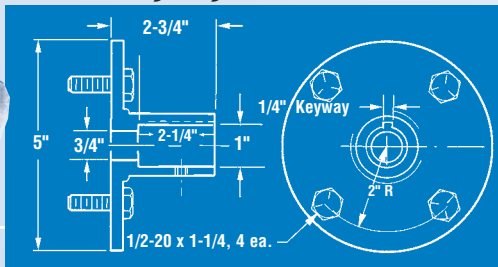


- ✓ 1/2-20 x 1-1/4" Welded Studs
- ✓ 4" Bolt Circle
- ✓ Lug Nuts Included
- ✓ Bright Zinc Plated
- ✓ Bearing Hub, 3-5/8" Long

### ...With Tapered Roller Bearings!

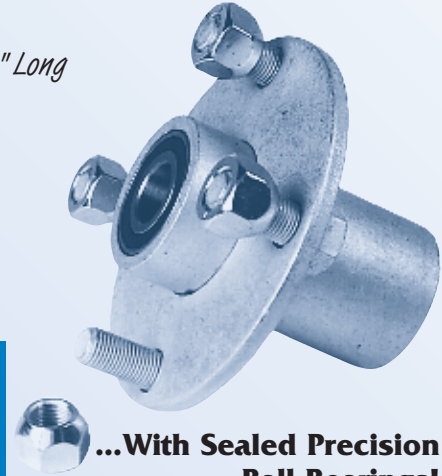
Adapter Hub with 5/8" ID TRB	2299
Adapter Hub with 3/4" ID TRB	2298
Adapter Hub, 5/8" Sealed TRB	2292
Adapter Hub, 3/4" Sealed TRB	2295
Adapter Hub, less Cup & Cone	2297

### ...With Keyway For Live Axle!\*



Adapter Hub - 1" Live Axle (Stepped)	2282
Adapter Hub - 1" Live Axle (No Step)	2289

\*Stepped to 3/4" Shown



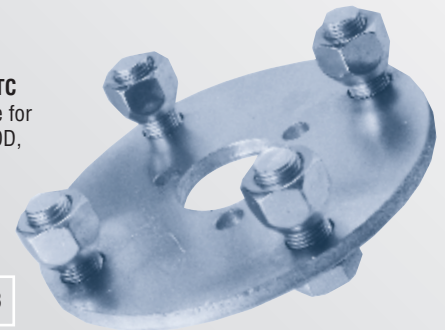
### ...With Sealed Precision Ball Bearings!

Adapter 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
-------------------------	------



## WHEEL BEARING TYPES

(See page 14 for part nos. and descriptions)

### 1-3/8" OD WHEEL BEARINGS - PRECISION, STANDARD & GROUND SEALED

**Precision Sealed** Bearings are available with a 5/8" bore. With double seals, the precision ground and hardened components are good for high speeds and heavy duty applications.

**Ground Sealed** Bearings have a machined housing and a flanged outer race. Their unique inner race construction accommodates a 3/4" bore and 1-3/8" OD unavailable in a precision bearing.

**Standard** Bearings are available with 3/4", 5/8" and 1/2" bores. They have an integral metal seal within a stamped steel housing and are used for moderate speeds with light to medium loads.

### 1-5/8" OD WHEEL BEARING - PRECISION

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 WITH DUST SHIELD

Tapered Roller Bearings, 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. When you purchase Azusa Wheels with a non-sealed bearing, Dust Shields are provided.





## TURF TIRES



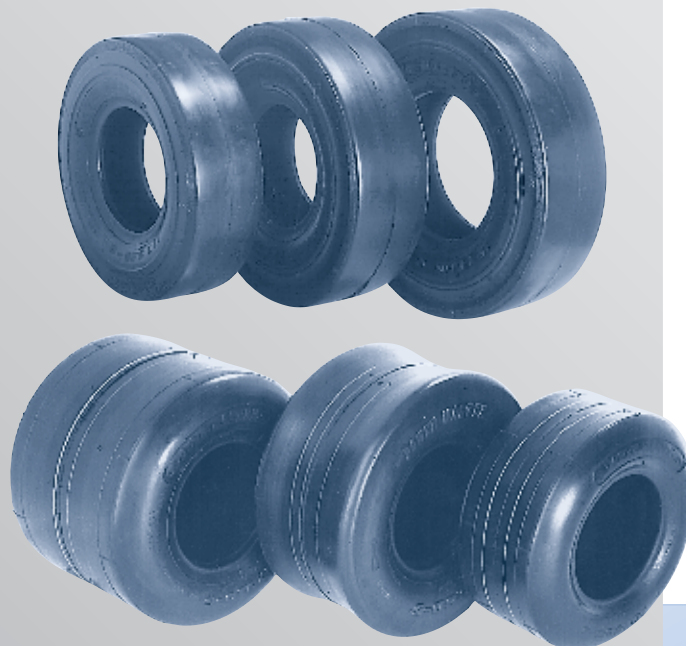
SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
9-350 x 4	7053	4	3.5"	8.5"	7128
300 x 4	7072	4	3.0"	10.0"	7128
410/350 x 4	7057-2	2	3.5"	10.3"	7130
11-400 x 5	7047	4	4.0"	10.7"	7131
13-500 x 6	7049	4	4.4"	12.8"	7133
13-650 x 6	7052	4	6.0"	12.5"	7141
15-600 x 6	7048	4	6.1"	14.8"	7125
16-650 x 8	7015	4	6.4"	16.4"	7118
18-850 x 8	7026-2	2	8.0"	17.0"	7120
18-950 x 8	7028	4	9.0"	17.5"	7120

SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
8-300 x 4	7097	4	3.0"	7.8"	7128
9-350 x 4	7090	4	3.5"	8.0"	7128
410/350 x 4	7041	4	3.5"	10.5"	7130
10-450 x 5	7060	4	5.0"	9.5"	7131
11-360 x 5H	7094	4	3.6"	11.0"	7131
11-450 x 5	7016-2	2	4.2"	10.5"	7132
11-600 x 5C	7092-2	2	5.3"	10.5"	7116
11-600 x 5	7061	4	6.25"	11.0"	7116
11-600 x 5	7093	4	6.25"	11.0"	7116
11-710 x 5	7062	4	8.0"	10.5"	7116
340/300 x 5N	7045	4	2.5"	10.8"	7131
340/300 x 5	7042	4	3.5"	10.8"	7131
410/350 x 5	7043	4	3.5"	11.5"	7132
12-400 x 5H	7095	4	4.0"	12.0"	7132
12-600 x 6	7017-2	2	6.0"	11.8"	7127
13-400 x 6H	7096	4	4.0"	13.0"	7133
13-500 x 6	7065	4	4.4"	11.5"	7133
13-650 x 6	7066	4	6.0"	11.5"	7141
410/350 x 6	7044	4	3.5"	12.6"	7133
18-950 x 8	7019	4	9.5"	15.5"	7120
480/400 x 8	7004-2	2	4.6"	16.3"	7121

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

\* Tire Width & OD are nominal.

## SLICKS



For **BRIDGESTONE** Racing Slicks & Rain Tires, *see page 43*

## INNER TUBES



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



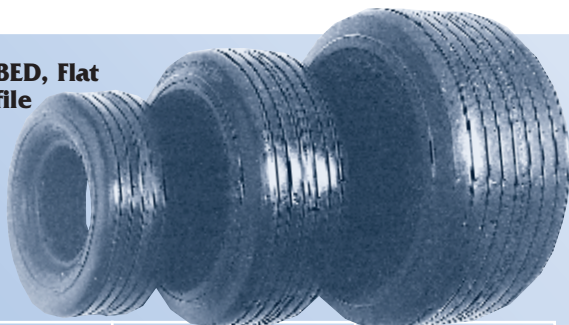
SIZE	PART
200 x 50	7143
6 x 1.25	7152
8 x 1.25	7150
10 x 2**	7151
280/250 x 4	7129
300 x 4	7128
410/350 x 4	7130
340/300 x 5	7131
410/350 x 5	7132
11-400 x 5	7135

SIZE	PART
11-600 x 5	7116
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
15-600 x 6**	7125-S
145/70 x 6	7140

SIZE	PART
800 x 6	7138
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

Due to the conditions under which they may be operated, no warranties of any kind, express or implied, are made as to any tires or tubes.

## RIBBED, Flat Profile



## RIBBED, Round Profile



**RIBBED, SAWTOOTH**  
*Studded, etc., Tires*

C = Carlisle

SIZE	TIRE	PLY	WIDTH	OD*	INNERTUBE
11-400 x 5	7164	2	3.2"	10.5"	7131
11-400 x 5	7046	4	3.9"	10.5"	7131
11-400 x 5	7046-8	8	3.2"	10.8"	7131
13-500 x 6	7168	2	4.8"	12.6"	7133
13-500 x 6	7018	4	4.8"	12.6"	7133
13-500 x 6C	7087	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
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

SIZE	TIRE	PLY	WIDTH*	OD*	INNERTUBE
200 X 50	7073	2	2.1"	7.5"	7143
10-300 x 4	7014	4	3.2"	10.0"	7128
13-400 x 6	7011-2	2	4.1"	13.0"	7133
13-400 x 6	7005	4	4.1"	13.0"	7133
14-300 x 8	7008-2	2	3.2"	14.0"	7123
410/350 x 8	7003-2	2	3.5"	15.3"	7123
480/400 x 8	7012	4	4.6"	16.3"	7121

## 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	TREAD	TIRE	PLY	WIDTH*	OD*	INNERTUBE
200 x 50	STUD	7073	4	2.1"	7.5"	7143
300 x 4	SCOOT	7077	4	3.2"	10.5"	7128
410/350 x 4	STUD	7032	4	3.5"	10.5"	7130
410/350 x 4	UNIV	7078	4	3.5"	10.5"	7130
410/350 x 5	STUD	7033	4	3.5"	11.5"	7132
410/350 x 5	UNIV	7074	4	3.5"	11.5"	7132
410/350 x 6	STUD	7034	4	4.0"	12.5"	7133
410/350 x 6	UNIV	7075	4	4.0"	12.5"	7133
410/350 x 6	SCOOT	7059	4	4.0"	12.5"	7133
530/450 x 6	STUD	7058	4	5.3"	14.7"	7134
530/450 x 6	UNIV	7040	4	5.3"	14.7"	7134
145-70 x 6	NOB	1222	2	6.0"	14.2"	7140
16-800 x 7	NOB	7022	4	7.4"	16.0"	7119
480/400 x 8	STUD	7054	4	4.6"	16.0"	7121
16-650 x 8	NOB	7023	2	6.4"	16.4"	7118
18-950 x 8	NOB	1228	2	8.5"	17.3"	7120
20-700 x 8	NOB	1226	2	7.2"	20.0"	7120
22-11.00 x 8	NOB	1225	2	9.0"	22.0"	7120
250/275 x 10	UNIV	7020	4	2.5"	15.3"	7126
350 x 10	STUD	7009	4	3.7"	17.5"	7137
350 x 10	UNIV	7013	4	3.7"	17.5"	7137

Additional ATV tires available

## UNIVERSAL, STUDED "SCOOTER" & KNOBBY



\* Tire Width & OD are nominal.

## TIRE MOUNTING & INFLATION SAFETY PRECAUTIONS



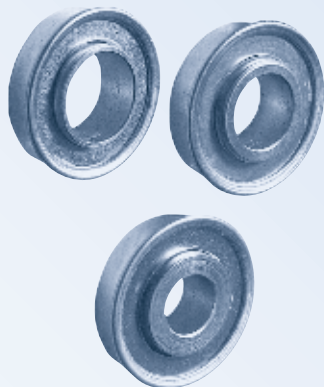
**WARNING!**



THESE ARE NOT AUTOMOTIVE WHEELS AND TIRES. EXTRA INFLATION PRECAUTIONS ARE REQUIRED! 1. INSPECT WHEEL FOR ANY SERVICE DAMAGE BEFORE MOUNTING TIRE. 2. LUBRICATE TIRE BEADS AND WHEELS RIMS WITH APPROVED TIRE LUBRICANT. 3. USE REGULATED PRESSURE WITH AN EXTENSION HOSE AND IN-LINE GAUGE. 4. USE SAFETY GLASSES AND A SAFETY CAGE, OR OTHER CONTAINMENT DEVICE FOR THE TIRE/WHEEL ASSEMBLY. DO NOT EXPOSE ANY UNPROTECTED PORTION OF YOUR BODY TO THE TIRE/WHEEL ASSEMBLY WHILE INFLATING. 5. NEVER PRY AGAINST A CAST ALUMINUM OR NYLON WHEEL RIM. 6. DO NOT POP THE BEAD ONTO THE RIM. 7. ON REACHING 25 PSI PRESSURE, IF TIRE IS NOT YET SEATED, STOP, AND DEFLATE COMPLETELY. THEN DISASSEMBLE, RELUBRICATE AND HAND SEAT THE TIRE ONTO THE RIM BEFORE REINFLATING THE TIRE.

# BEARINGS

Ball, Roller & Rod End



## PRECISION SEALED BALL BEARINGS

ID	OD	THICKNESS	PART
3/8"	7/8"	9/32"	8225
12mm	32mm	11mm	8224
1/2"	1-1/8"	3/8"	8253
1/2"	1-3/8"	7/16"	8203
5/8"	1-3/8"	7/16"	8206
5/8"	1-3/8"	7/16"	8205 *
5/8"	35mm	11mm	8267
5/8"	1-5/8"	1/2"	8268
5/8"	1-5/8"	7/16"	8273 ‡
3/4"	40mm	12mm	8254
3/4"	1-5/8"	7/16"	8219
1"	2"	1/2"	8207
1-1/4"	2-1/4"	1/2"	8202

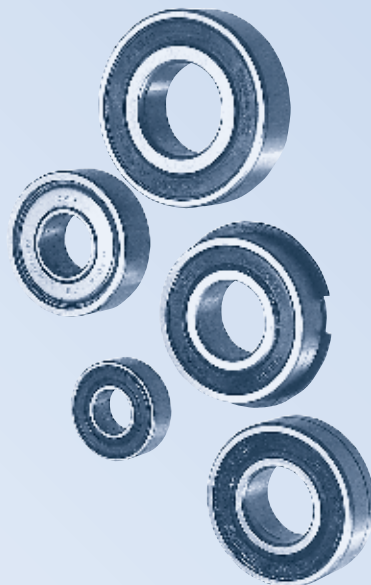
\*with Snap Ring

‡with Flange

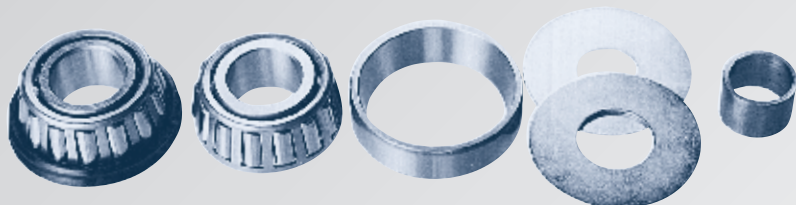
## STANDARD BALL BEARINGS

ID	OD	THICKNESS	PART
1/2"	1-3/8"	5/16"	8222 ‡
5/8"	1-3/8"	5/16"	8204 ‡
3/4"	1-3/8"	5/16"	8201 ‡

‡with Flange

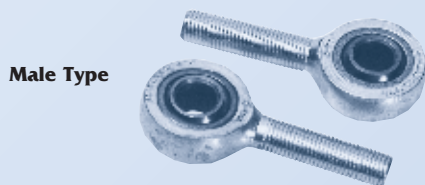
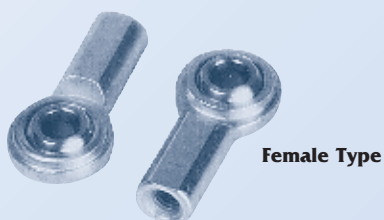


## TAPERED ROLLER BEARINGS - 1.781 OD



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

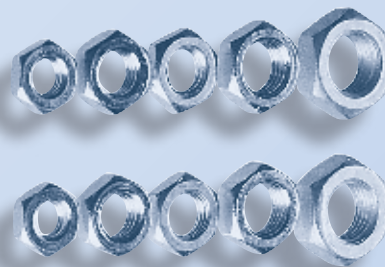
## ROD END BEARINGS - MALE & FEMALE



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
1/2-20 Right	8272
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

☒ Zinc Plated



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
1/2-20 Right	8542
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

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



### Each Kit Includes:

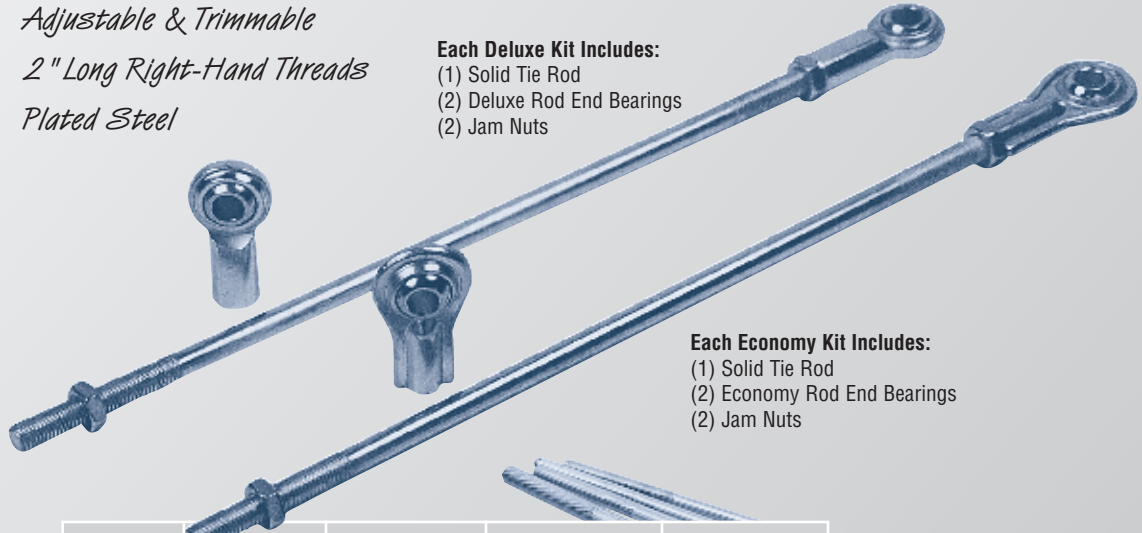
- (1) Tubular Tie Rod
- (2) Deluxe Rod Ends - Right & Left
- (2) Jam Nuts - Right & Left

## SOLID TIE RODS & KITS

- ✓ Adjustable & Trimmable
- ✓ 2" Long Right-Hand Threads
- ✓ Plated Steel

### Each Deluxe Kit Includes:

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



### Each Economy Kit Includes:

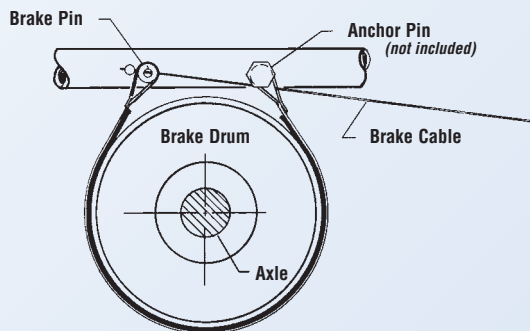
- (1) Solid Tie Rod
- (2) Economy Rod End Bearings
- (2) Jam Nuts

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

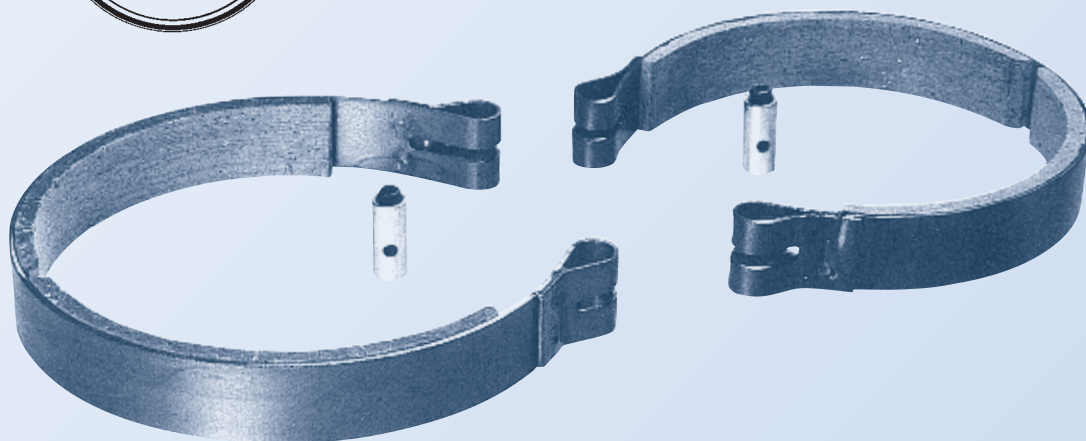
\*Other lengths available in quantity. Please ask us about minimum order requirements.

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

Band Brakes are simple, effective and economical for a variety of light duty vehicles. Two popular sizes for either 4" or 4-1/2" drums. Brake Pin included.



- ☒ *Steel Bands*
- ☒ *2 Piece Bonded Brake Lining*
- ☒ *Steel Brake Pin with Cable Hole*
- ☒ *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 DRUMS - MACHINED

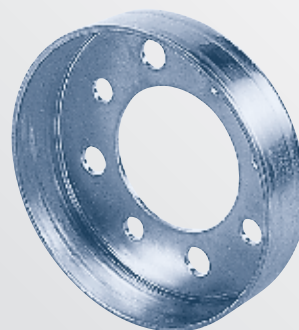
Flanged drum has 6 holes on a 5-1/4" bolt circle. All machined either "OD" for band brakes or "ID" for brakes on page 17. All drums have 3 sets of mounting holes: 3 & 4 hole on a 3.75" diameter bolt circle and a 4 hole on a 3.228" bolt circle to match the mini hub on page 24.



- ☒ *Machined OD for Band Brake Use*

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

## 4" BRAKE DRUM



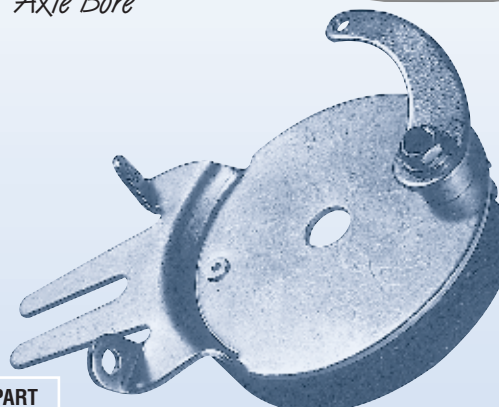
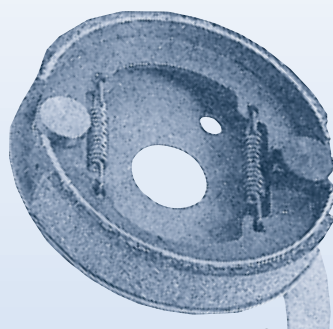
- ☒ *For Use with 4" Band Brake*
- ☒ *2.875" Bolt Circle*
- ☒ *4 Holes - 5/16" & 3/8"*
- ☒ *2" Center Bore*

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

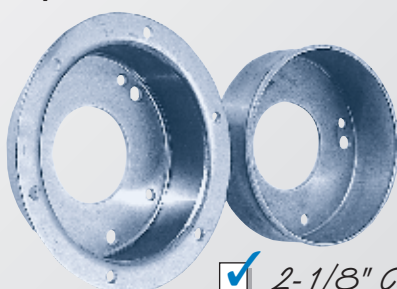
### RENEWAL PARTS

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



☒ 2-1/8" Center Bore

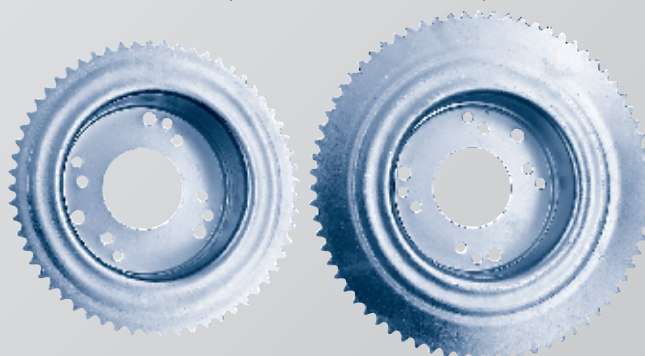
Flanged drum has 6 holes on a 5-1/4" bolt circle. All are machined either "ID" for brakes on this page, or "OD" for band brakes on [page 16](#). All drums have three sets of mounting holes: 3 and 4 hole on a 3.75" diameter bolt circle and a 4 hole on a 3.228" bolt circle to match the mini hub on [page 24](#).

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

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

## SINGLE-PIECE SPROCKET DRUMS

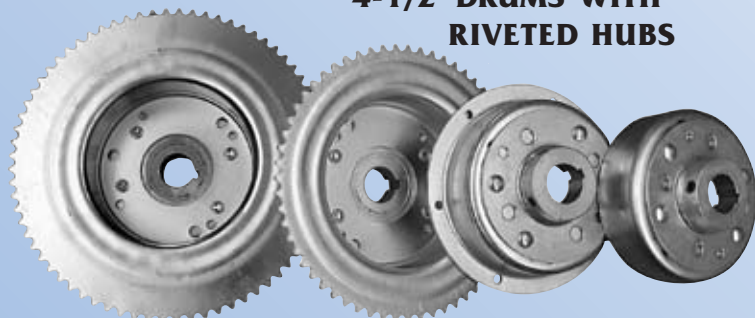
Stamped for added precision, our one-piece #35 chain 60 or 72 tooth Steel Sprocket and 4-1/2" Drum combinations provide strong, reliable units at economical prices. (Replaces Riveted assemblies.)



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



Azusa Mini-Hubs (1" or 1-1/4" bore), riveted to any of our 4-1/2" drums for use on a 1" or 1-1/4" Live Axle. Ideal for small, low horsepower vehicles. (Set Screws and Key included.)

DESCRIPTION	PART
72T Sprocket, Drum & 1" Hub Kit, #35 Chain	2268-*
72T Sprocket, Drum & 1-1/4" Hub Kit, #35 Chain	2248-*
60T Sprocket, Drum & 1" Hub Kit, #35 Chain	2267-*
60T Sprocket, Drum & 1-1/4" Hub Kit, #35 Chain	2247-*
Flanged Drum & 1" Hub Kit	2266-*
Flanged Drum & 1-1/4" Hub Kit	2246-*
Drum, No Flange & 1" Hub Kit	2265-*
Drum, No Flange & 1-1/4" Hub Kit	2245-*

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

# 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

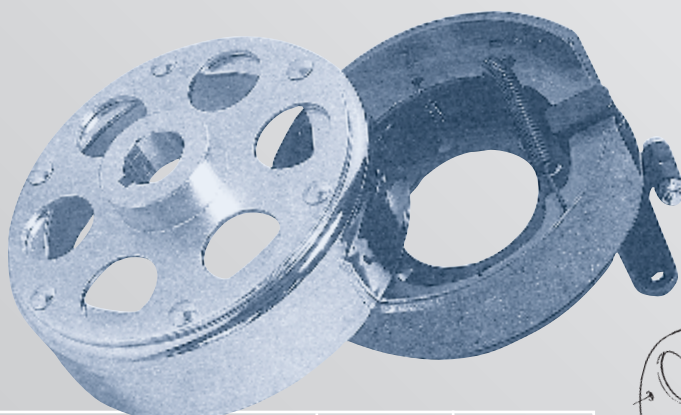
## 5" INTERNAL DRUM BRAKE

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

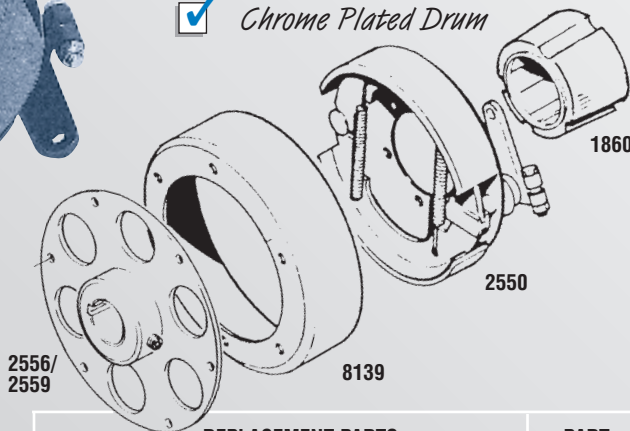
With a 5/8" bore and only 1-3/8" wide, this sturdy, lightweight, economical 5" internal expanding brake may be just the unit for your small vehicle.

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

## 6" INTERNAL DRUM BRAKE



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



COMPLETE HUB & BRAKE KITS	1" ID HUB	1.25" ID HUB
6" Brake, Plated Drum, Mounted w/ Uni-Hub & Set Screw (1/4" Keyway)	2551	2547
As above plus Spacer & Hardware	2552	2548
KIT COMPONENTS	1" ID HUB	1.25" ID HUB
6" Brake Assembly, Less Drum	2550	2550
Uni-Hub & Set Screw (1/4" Keyway)	2556	2559
Drums - 4-9/16" Bore:		
• Unplated	8138	8138
• Plated	8139	8139
• Unplated with Riveted Uni-Hub	8149	8146
• Plated with Riveted Uni-Hub	8142	8141

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

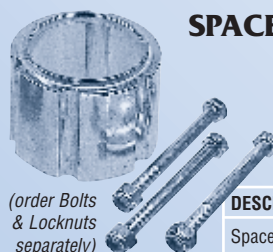
## BONDED SHOES FOR 6" AZUSA BRAKE

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



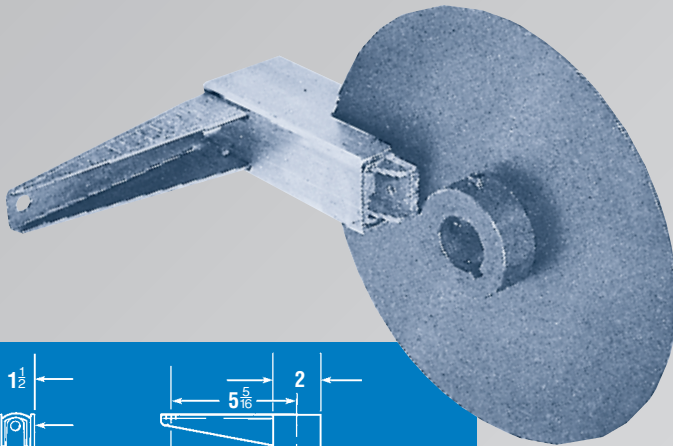
## SPACER - BRAKE TO HANGER

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

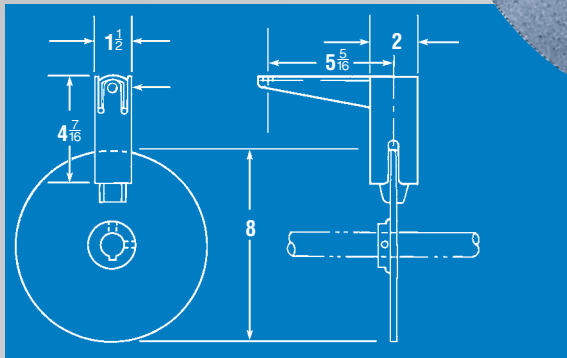


DESCRIPTION	PART
Spacer - Brake to Hanger (w/o hardware)	1860

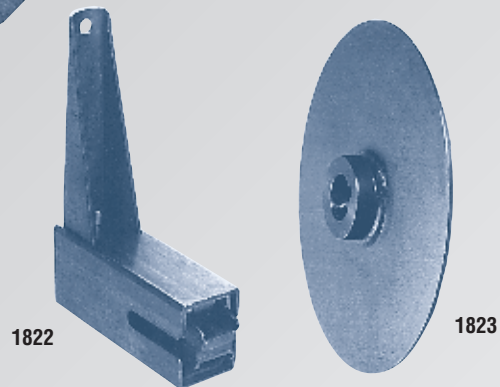
## AZUSA "POSI STOP" MECHANICAL DISC BRAKE



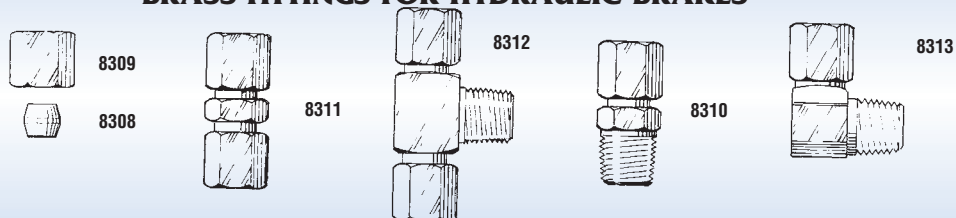
- ✓ 1" Axle Bore With 1/4" Keyway
- ✓ Dual Pads of Bonded Lining
- ✓ Self Aligning to Disc
- ✓ 5/16" Arm Hole



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



## BRASS FITTINGS FOR HYDRAULIC BRAKES

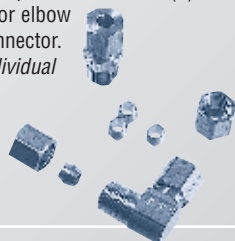


DESCRIPTION	PART
Compression Ferrule, 3/16"	8308
Compression Nut, 3/16"	8309
Connector, 3/16" tube to 1/8" tube N.P.T.	8310

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

## HYDRAULIC BRAKE LINE (Nylaflow® Type H)

Highest strength general purpose hydraulic tubing, Type 6/6 Nylon. 3/16" OD x 0.038" wall, with 5/8" minimum bend radius.



Operating temperature from -65 °F to 150 °F. Minimum burst pressure, 2,500 psi. Minimum order, 10 ft.

Pressure Tubing, 3/16 Nylon, per ft. 8307



## ALUMINUM TUBE AXLES

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

LENGTH	SILVER	GOLD
24"	1432-24	—
30"	1432-30	1433-30
32"	1432-32	1433-32
34"	1432-34	—
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](#).)



**3 Materials:**

...Zinc Plated Chrome-Moly Steel

...Zinc Plated Standard Steel

...Anodized Aluminum



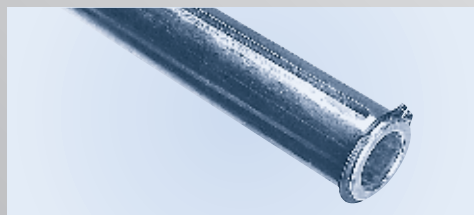
**Strong & Lightweight**



**Centerless Ground**



**Opposing, Offset Keyways**



## STANDARD STEEL TUBE AXLES

1-1/4" O.D. • .190" WALL

AXLE LENGTH	PART NO.
42"	1420-42
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	1424-26
1-1/4"	1/4"	28"	—	1424-28
1-1/4"	1/4"	32"	1421-32	1424-32
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	1424-38
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	1424-48

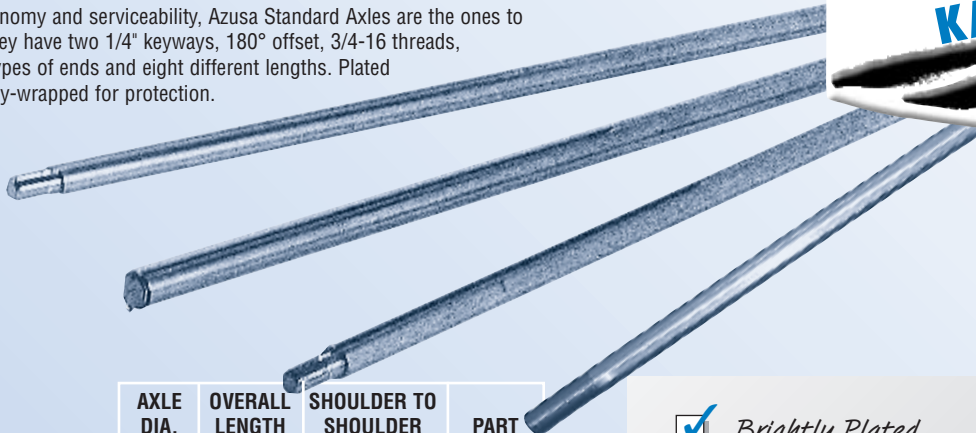
\*Nominal after centerless grinding

DIAMETER	KW	LENGTH	.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

\*Nominal after centerless grinding

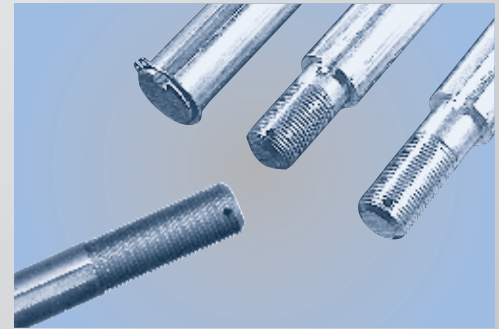
## STANDARD STEEL AXLES

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 eight different lengths. Plated and poly-wrapped for protection.

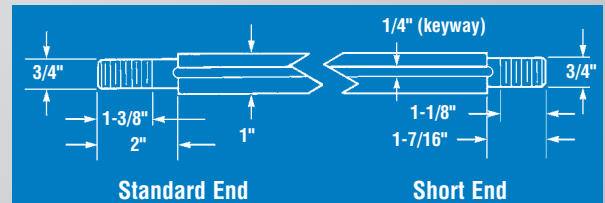
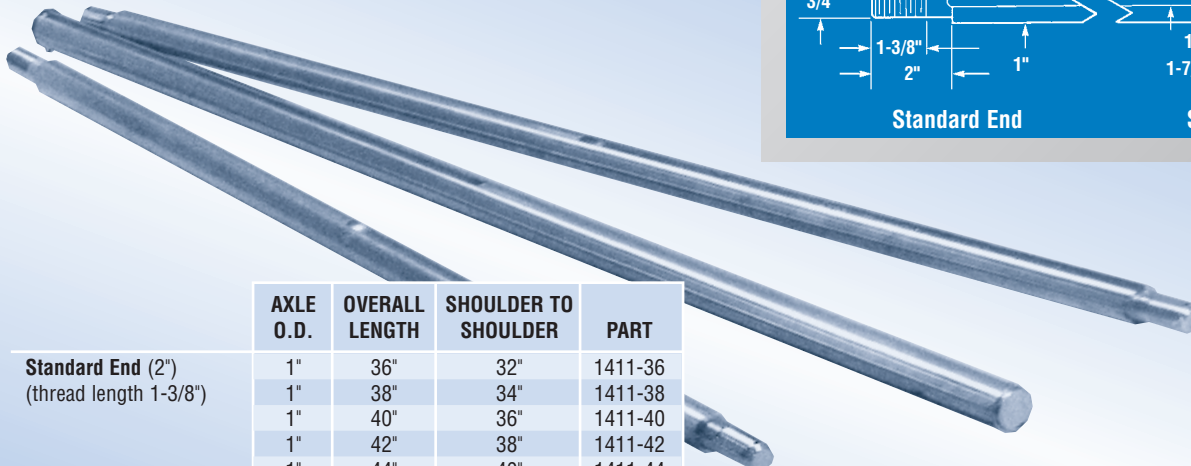


	AXLE DIA.	OVERALL LENGTH	SHOULDER TO SHOULDER	PART
<b>Threaded No-Step End</b> (thread length 2")	3/4"	41"	41"	1405-41
<b>Stepped End (2")</b> (thread length 1-3/8")	1"	34"	30"	1401-34
	1"	36"	32"	1401-36
	1"	38"	34"	1401-38
	1"	40"	36"	1401-40
	1"	42"	38"	1401-42
	1"	44"	40"	1401-44
	1"	54"	50"	1401-54
<b>Short Stepped 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"	22"	22"	1403-22
	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*
- ✓ *3/4", 1" or 25mm Diameter*
- ✓ *Flexpruf Steel or Standard Steel*



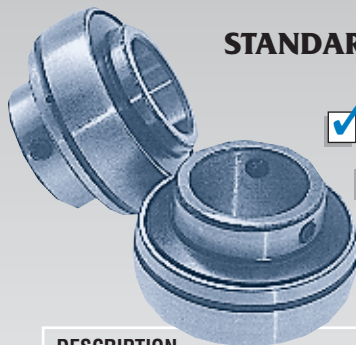
## DELUXE FLEXPRUF STEEL AXLES



	AXLE O.D.	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 3/4"	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

Our premium Deluxe Flexpruf axles are made of higher strength steel. 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.

# Live Axle Bearings and Kits



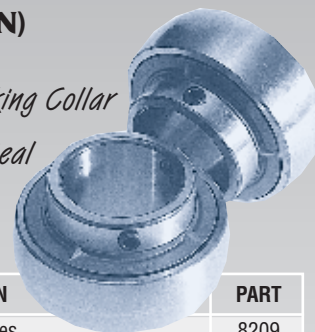
## STANDARD AXLE BEARINGS

- ☒ 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)

- ☒ Integral Locking Collar
- ☒ 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 30mm Axles	8264
for 35mm Axles	8261
for 40mm Axles	8262
for 50mm Axles	8266

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

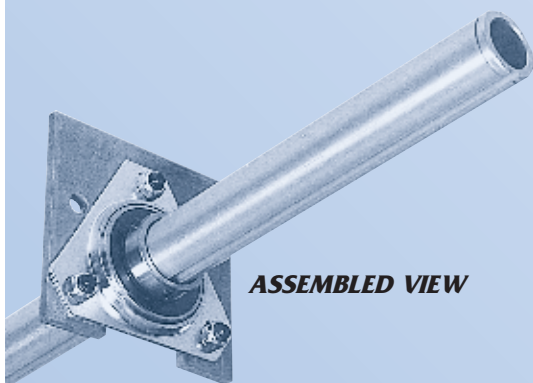
## LIVE AXLE BEARING KITS AND COMPONENTS

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
Kit with 2 Hole Flangettes	1861A	—	—
Kit with 3 Hole Flangettes	1861B	1864	1863
COMPONENTS - EACH			
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

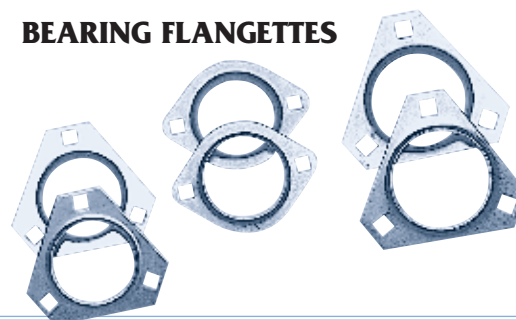
- ☒ Pre-Drilled for 2-Hole or 3-Hole Flangette
- ☒ Quarter Inch Steel Plate



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 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*



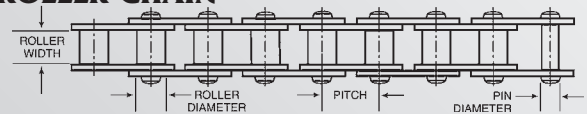
DESCRIPTION	PART	DESCRIPTION	PART	DESCRIPTION	PART
10 Ft. Box w/ Connecting Link Reels	4006-10 4006	10 Ft. Box w/ Connecting Link Reels	4008-10 4008	#219H x 120 Pitches - Boxed	4397
36" Box w/ Connecting Link	4390	36" Box w/ Connecting Link	4316	#219H x 10 ft. - Boxed	4398-10
40" Box w/ Connecting Link	4392	48" Box w/ Connecting Link	4318	#25 x 10 ft. - Boxed w/conn. link	4001-10
48" Box w/ Connecting Link	4391	60" Box w/ Connecting Link	4313	#25 Reels	4001
Connecting Link	4007	Connecting Link	4009	#25H x 10 ft. - Boxed w/conn. link	4801-10
		Offset Link	4010	#25H Reels	4801
<i>(Call for connecting &amp; offset link part nos.)</i>					

## 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 Conn. Link	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

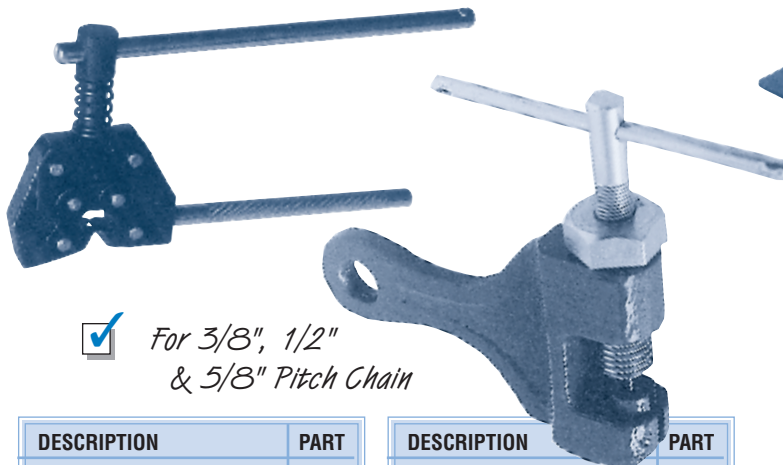
*Azusa inventories a complete line of industrial and motorcycle chain. Please check with us regarding sizes and types not shown.*



### GENERAL CHAIN DIMENSIONS & STRENGTH

CHAIN NUMBER	PITCH	ROLLER DIAMETER	ROLLER WIDTH	PIN DIAMETER	AVERAGE TENSILE
40	1/2	.306	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

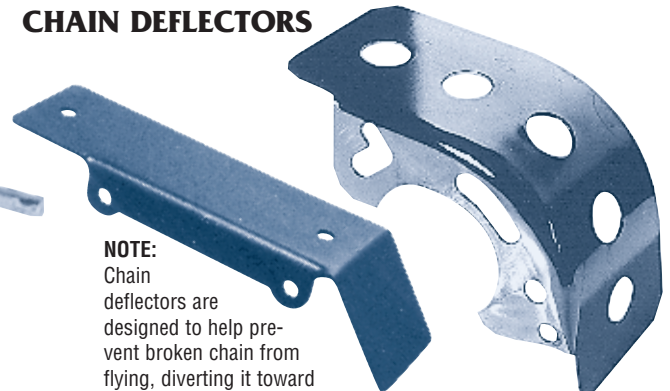
## CHAIN BREAKERS



- ☒ *For 3/8", 1/2" & 5/8" Pitch Chain*

DESCRIPTION	PART	DESCRIPTION	PART
Chain Breaker (#25 thru #60) (includes Spare Pin)	4097	Deluxe Chain Breaker	4899
		Replacement Pins (5 Pack)	4099

## CHAIN DEFLECTORS



**NOTE:**  
Chain deflectors are designed to help prevent broken chain from flying, diverting it toward the ground. (NOT designed to prevent clothing, body parts, hair, etc. from becoming entangled in the chain.)

Briggs/Tecumseh Chain Deflector	1809
Chain Deflector, Chromed	1810



## PLATED STEEL UNI-HUB

- ☒ Zinc-Plated Steel
- ☒ 1" or 1-1/4" Bore with 1/4" Keyway
- ☒ Strong, yet Lightweight
- ☒ Standard 5.25" Bolt Circle

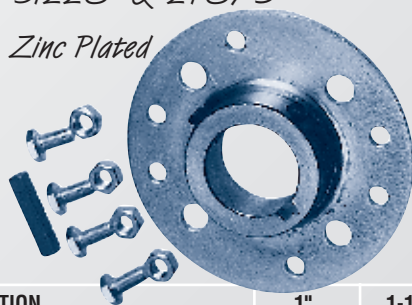


DESCRIPTION	1"	1-1/4"
Uni-Hub w/Hardware Kit, Skin-Pack	2555	2558
Uni-Hub w/Hardware Kit, Bulk	2555-A	2558-A
Uni-Hub w/Set Screws only	2556	2559

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"	8435
2 Set Screws	8483

## STEEL MINI-HUB

- ☒ 1" or 1-1/4" Bore with 1/4" Keyway
- ☒ Fits Azusa 4-1/2" Brake Drum
- ☒ 2 Four-Hole Bolt Circle Patterns:  
3.228" & 2.875"
- ☒ Zinc Plated

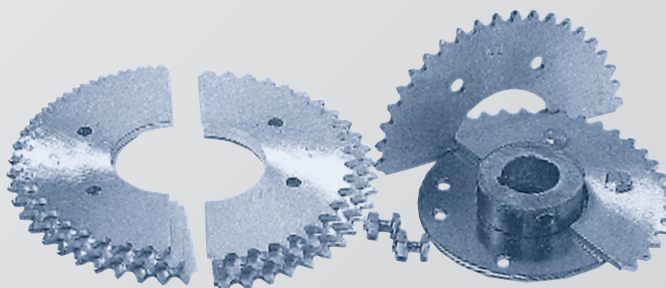


DESCRIPTION	1"	1-1/4"
Mini-Hub w/Hardware Kit, Skin-Pack	2562	2566
Mini-Hub w/Hardware Kit, Bulk	2562-A	2566-A
Mini-Hub w/Set Screws Only (Bulk)	2561	2565
Hardware Kit* for 3.228" Bolt Circle	2564	2564
Hardware Kit for 2.875" Bolt Circle	2563	2563

\*Same as Uni-Hub Kit (above) except 4 Bolts, 4 Nuts

## .160 ALUMINUM MINI-SPROCKETS

Smaller diameter, aircraft grade aluminum #35 Tuf-N-Tru sprockets, 37 to 52 teeth, split. Can also be made for other chain sizes. Specify bolt pattern P5223 and chain size.

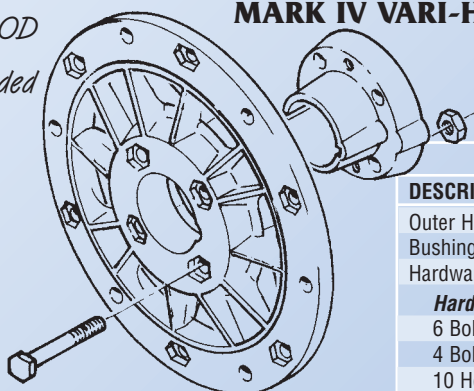


TEETH	PART
37	2084
38	2085
39	2086
40	2087
41	2088
42	2089
43	2090
44	2091

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

## MARK IV VARI-HUB



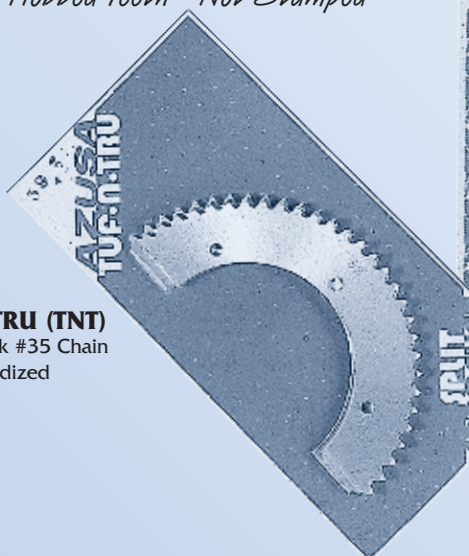
DESCRIPTION	PART
Vari-Hub w/Hardware Kit, Skin-Pk	1872
OEMS: Buy Bulk and Save	1872-A

### 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



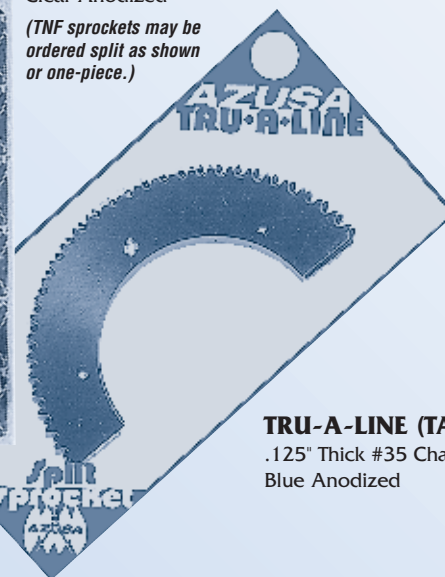
**TUF-N-TRU (TNT)**  
.160" Thick #35 Chain  
Clear Anodized



**TRU-N-FINE (TNF)**

.160" Thick #219 Chain  
Clear Anodized

(TNF sprockets may be  
ordered split as shown  
or one-piece.)



**TRU-A-LINE (TAL)**

.125" Thick #35 Chain  
Blue Anodized

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

	TNF	TNT	TAL		TNF	TNT	TAL		TNF	TNT	TAL
CHAIN SIZE	#219	#35	#35	CHAIN SIZE	#219	#35	#35	CHAIN SIZE	#219	#35	#35
THICKNESS	.160	.160	.125	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

For Sprocket Halves with 1/4" holes

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

minimum order 10 pieces

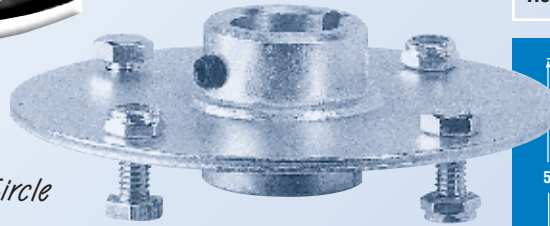




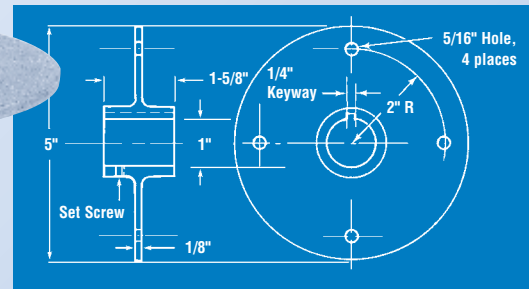
## HEAVY DUTY SPROCKET HOLDER

Heavy Duty Sprocket Holder/Hub

2286

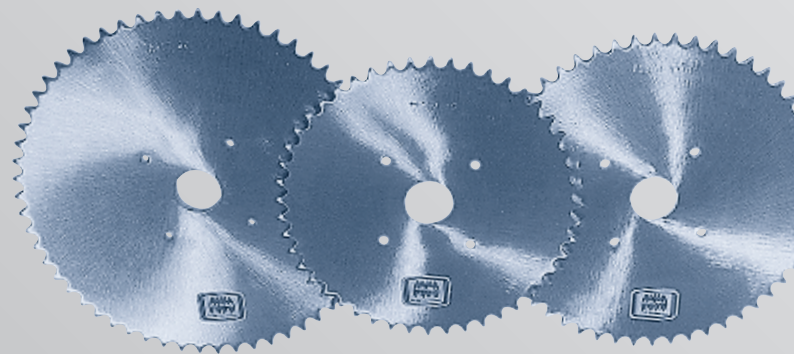


- ☒ 4" Bolt Circle
- ☒ Steel Hub for 1" Live Axes
- ☒ Zinc Plated
- ☒ Locknuts, Grade 5 Bolts & Set Screw Included



## SPROCKETS FOR HEAVY DUTY SPROCKET HOLDER

- ☒ Premium High-Strength Aluminum
- ☒ 4" Bolt Circle - 5/16" Holes (4)
- ☒ Pattern P2286, 1.5" Bore
- ☒ #35 to #530 Chain Size

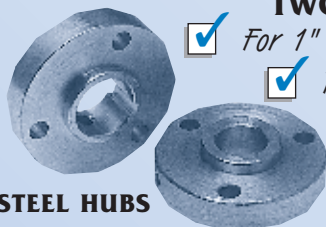


CHAIN SIZE	MINIMUM TEETH	PATTERN	PART
#35	50	P2286	T5313-*
#41	35	P2286	T5314-*
#40	35	P2286	T5315-*
#428	35	P2286	T5320-*
#520	29	P2286	T5316-*
#530	29	P2286	T5317-*

\*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

Plated steel hubs are 1/2" thick, have a 2-1/4" OD and a 1" OD shoulder. 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

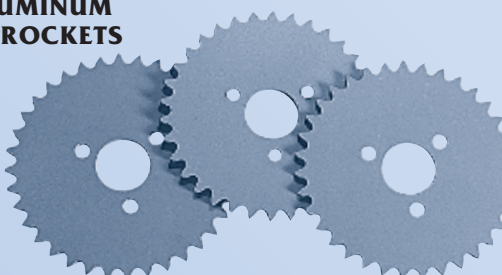
- ☒ Precision Billet Machined
- ☒ For 1" ID Sprockets, Any Chain Size
- ☒ P5248 Sprocket Pattern



Split Billet Aluminum Clamp-On Engine Hub 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

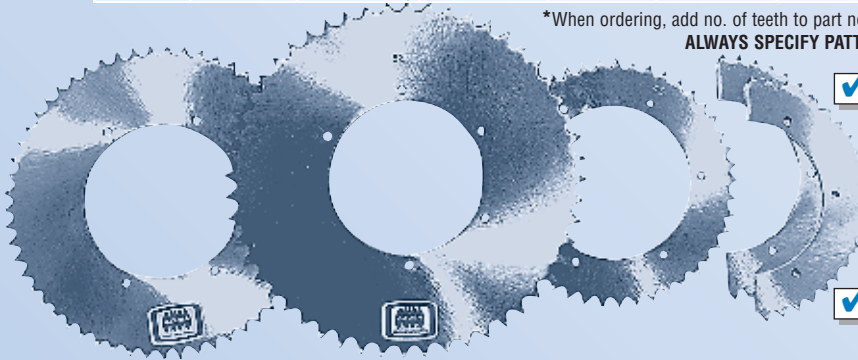
\*\*2021 thru 2036 part numbers for #35 chain, 21 to 36 tooth



## RACING 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 - *

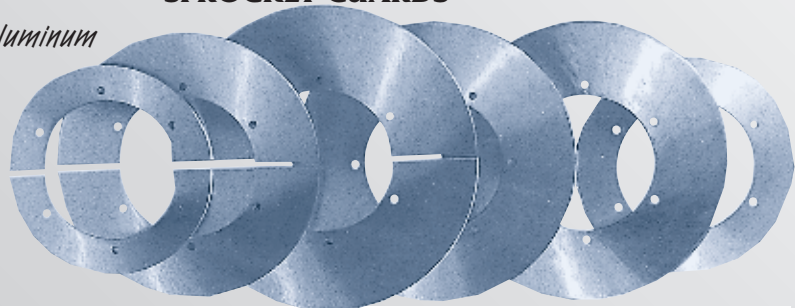
\*When ordering, add no. of teeth to part no. &  
ALWAYS SPECIFY PATTERN



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

## SPROCKET GUARDS

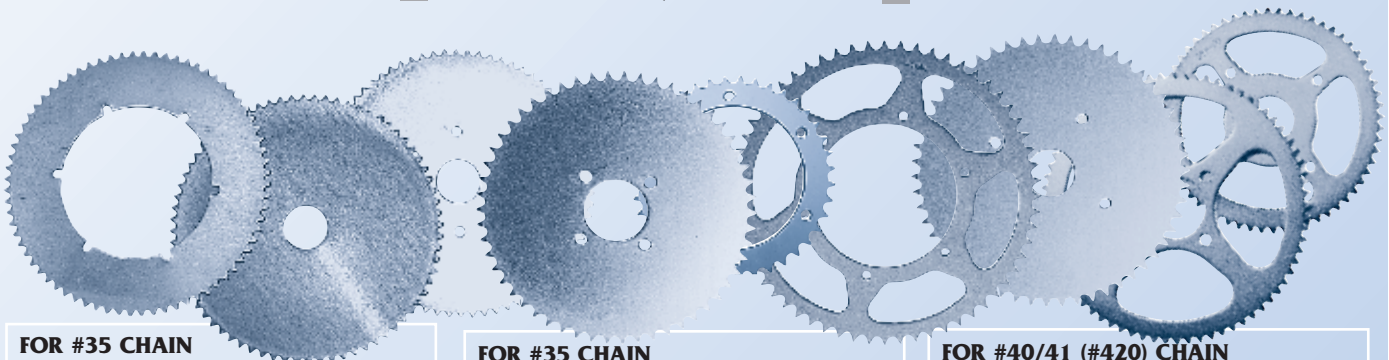
- ☒ Premium High-Strength Aluminum
- ☒ 5.25" Bolt Circle
- ☒ Two Thicknesses
- ☒ Split or Unsplit (Specify)



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
- ☒ 60T, 66T or 72T for #35 Chain
- ☒ 40T, 54T or 60T for #40/41 Chain



FOR #35 CHAIN					
TH	BLT CR	HOLES	BORE	PAT	PART
60	—	—	1.375	—	2151
60	3.25	6@.3125	1.375	P2161	2155
60	5.25	6@.3125	4.930	P5245	2152
72	—	—	1.375	—	2157
72	3.25	6@.3125	1.375	P2161	2161
72	5.25	6@.3125	4.930	P5245	2158

FOR #35 CHAIN					
TH	BLT CR	HOLES	BORE	PAT	PART
60	4.00	4@.3125	1.50	P2286	2165-60
72	4.00	4@.3125	1.50	P2286	2165-72
60	2.875	4@.3125	2.00	P5263	2164-60
66	2.875	4@.3125	2.00	P5263	2164-66
72	2.875	4@.3125	2.00	P5263	2168-72

FOR #40/41 (#420) CHAIN					
TH	BLT CR	HOLES	BORE	PAT	PART
40	5.25	6@.3125	4.563	P5245	2166-40
54	5.25	6@.3125	4.563	P5245	2166-54
60	5.25	6@.3125	4.563	P5245	2166-60
54	2.875	4@.3125	2.00	P5263	2167-54
54	4.00	4@.3125	1.50	P2286	2168-54



## 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

### 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.*



## ENGINE & AXLE RACING SPROCKETS

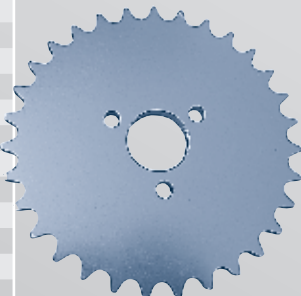
- ☒ #40 Chain Sprockets
- ☒ Precision Billet Machined
- ☒ Premium High Strength Aluminum
- ☒ Clear Anodized

### ENGINE SPROCKETS

TEETH	PART
23	2723
24	2724
25	2725
26	2726
27	2727
28	2728
29	2729
30	2730
31	2731
32	2732
33	2733
34	2734
35	2735
36	2736

- ☒ Fits Engine Hub, Part #2039

- ☒ P5248 Bolt Pattern,  
1.680" Bolt Circle, 1" Bore



### AXLE SPROCKETS

TEETH	PART
23	2823
24	2824
25	2825
26	2826
27	2827
28	2828
29	2829
30	2830
31	2831
32	2832
33	2833
34	2834
35	2835
36	2836

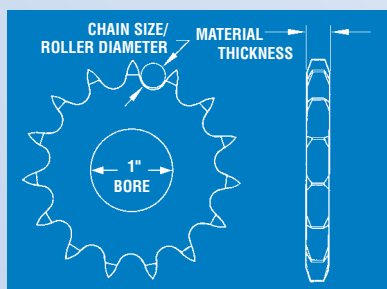
- ☒ Two Identical Halves

- ☒ P5237 Bolt Pattern,  
2.75" Bolt Circle, 1.75" Bore



- ☒ Premium High-Strength Aluminum
- ☒ Precision Hobbed Teeth

- ☒ All Popular Chain Sizes
- ☒ Hundreds of Patterns



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.

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



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



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	.200 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	.200 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.

## HEAVY DUTY IDLER/TENSIONER SPROCKETS



- ☒ Precision or Standard Ball Bearings
- ☒ For #35, #40 or #41 Chain
- ☒ 1/2" or 5/8" ID Bore

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

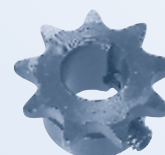
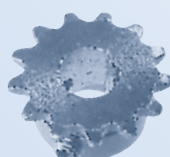
TEETH	BEARING SIZE & TYPE	FOR #40/41 CHAIN
16	5/8" Precision	2186
16	1/2" Precision	2187



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. Keyways are 3/16" except as noted. "B" sprockets have (2) 5/16-18 set screws.

- ☒ 3/16" Keyway; 5/16-18 Set Screw
- ☒ Case-Hardened Steel; Hobbed Teeth
- ☒ For #35, #40, #41 & #219 Chain



#### "B" TYPE SPROCKETS FOR #35 CHAIN

#35 CHAIN	5/8" BORE	3/4" BORE	9° TAPERED NO SET SCREW
TEETH	PART	PART	PART
8	—	—	2115
9	2123-K*	—	2116
10	2124-K*	2138-K*	—
11	2125-K*	2139-K*	—
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	—

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

#### "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

#### "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 #219 CHAIN

TEETH	BORE	PART
12	3/4"	1952-K*
13	3/4"	1953-K*
14	3/4"	1954
15	3/4"	1955
16	3/4"	1956
17	3/4"	1957
18	3/4"	1958

#### 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
#35	11 Tooth - 10° Tapered Bore w/Keyway	1932
#219	10 Tooth - 10° Tapered Bore w/Keyway	1940
#219	11 Tooth - 10° Tapered Bore w/Keyway	1941
#219	12 Tooth - 10° Tapered Bore w/Keyway	1942

#### "C" TYPE SPROCKETS FOR #35 & #40/41 CHAIN

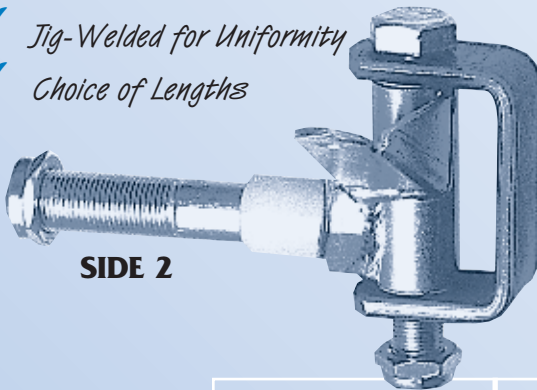


5/8" Bore No Set Screw		
TEETH	CHAIN	PART
8	#40/41	2182-K*
9	#40/41	2180
10	#40/41	2181
10	#40	1918
10	#35	2189-K*
11	#35	2190-K*

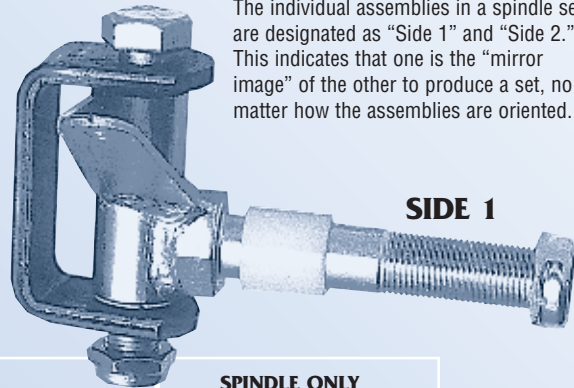


## JIG-WELDED SPINDLES – 5/8" KINGPIN

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



**SIDE 2**

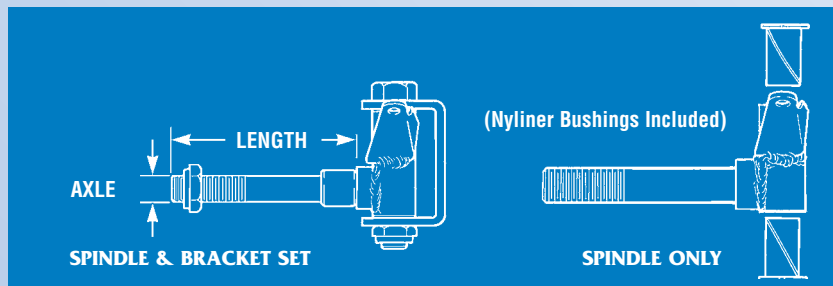


**SIDE 1**

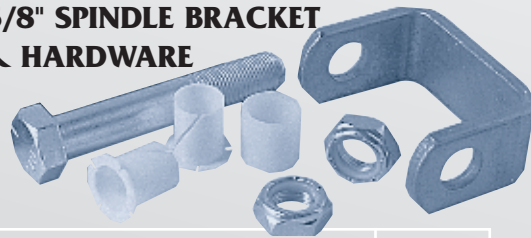
The individual assemblies in a spindle set are designated as "Side 1" and "Side 2." This indicates that one is the "mirror image" of the other to produce a set, no matter how the assemblies are oriented.

SPINDLE & BRACKET SET				SPINDLE ONLY	
SIDE 1	SIDE 2	AXLE	LENGTH	SIDE 1	SIDE 2
2204	2205	5/8-18	3.75"	2206	2207
2235	2236	5/8-18	4.50"	2237	2238
2512	2513	5/8-18	6.00"	2514	2515
2200	2201	3/4-16	3.75"	2202	2203
2231	2232	3/4-16	4.50"	2233	2234
2516	2517	3/4-16	6.00"	2518	2519

**Unwelded Components Available. See page 35.**



## 5/8" SPINDLE BRACKET & HARDWARE



COMMON TO 5/8" & 3/4" SPINDLE SETS	PART
Spindle Bracket for 5/8" Kingpin	8171
Kingpin Bolt 5/8-18 x 3.25"	8447
Kingpin Nut 5/8-18 Nylon Insert 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

## 1/2" SPINDLE BRACKET & HARDWARE



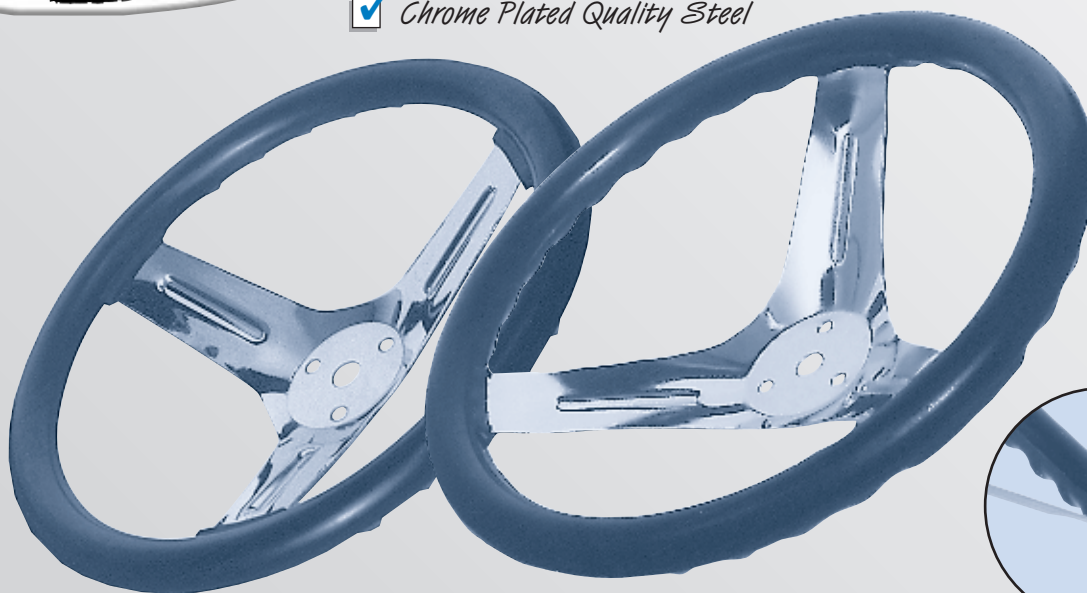
For Spindle Bracket dimensions, see [page 35](#)

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



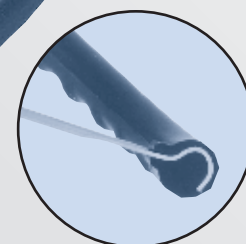
### NEOPRENE COMPETITION STEERING WHEEL

- ✓ Two Diameters - 10" & 12"
- ✓ One Piece Construction - No Welds
- ✓ Chrome Plated Quality Steel
- ✓ Solvent-Proof Neoprene
- ✓ 2 Bolt Circles



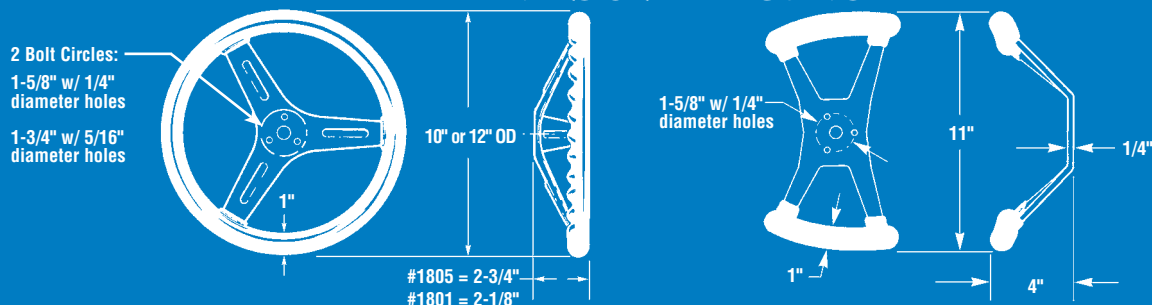
10" DIAMETER #1801

12" DIAMETER #1805



**SOLID NEOPRENE  
OVER STEEL**

### DIMENSIONAL DIAGRAMS

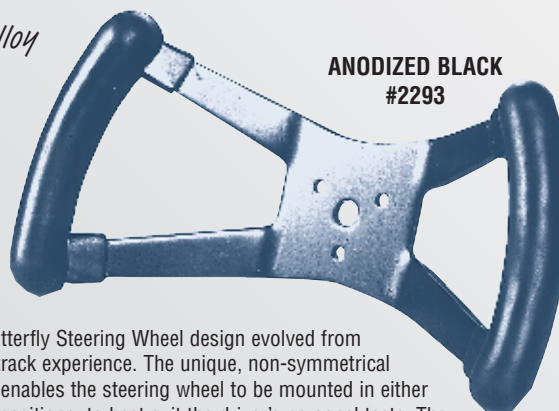


### ALUMINUM BUTTERFLY STEERING WHEELS

- ✓ 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
- ☒ 2 Bolt Circles: 1-5/8" & 1-1/2" Diameter
- ☒ 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	—

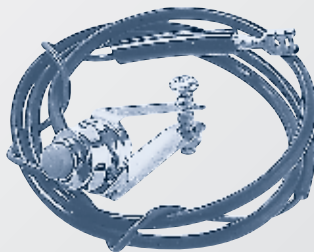
## STEERING KIT, LESS SHAFT

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

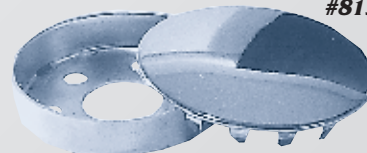


This spring loaded ground contact switch fits both 7/8" and 1" frame or handle bars. A 36" shielded wire, with a spade type end fitting is assembled for fast installation. Plated and a real safety feature for all vehicles.

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**

Chrome plated steel, this is the perfect mate for Azusa's Steering Wheels. Fits either 1-1/2" or 1-5/8" bolt circle.



AVAILABLE  
IN ATTRACTIVE  
SKIN PACK

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



## ROD END BEARINGS

*Your Choice of Deluxe or Economy Type*

## JAM NUTS



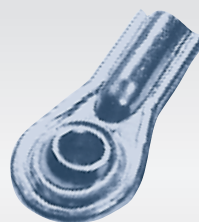
### DELUXE TYPE - MALE

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
1/2-20	8272	—



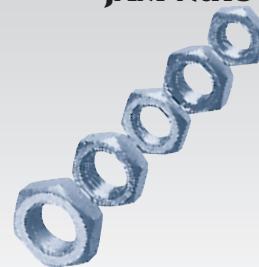
### DELUXE TYPE - FEMALE

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



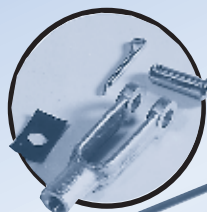
DESCRIPTION	PART
1/4-28 Right	8531
1/4-28 Left	8537
5/16-24 Right	8523
5/16-24 Left	8529
8mm Right	8540
8mm Left	8541
3/8-24 Right	8512
3/8-24 Left	8530
7/16-20 Right	8513
1/2-20 Right	8542

For Tie Rods, see [page 15](#)

## THROTTLE AND BRAKE CONTROL ROD KIT

### BRAKE CONTROL ROD KIT

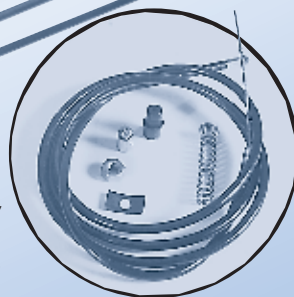
COMPLETE KIT	2281
KIT COMPONENTS	PART
Brake Rod, 1/4" Dia., Black Oxide Finish 40-1/2" Long, 1/4-28 Rolled Thread	8218
Clevis, Forged 1/4-28	8354
Clevis Pin, w/Hole	8355
Cotter Pin, 1/16" x 1/2"	8419
Tinnerman Nut	8505



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

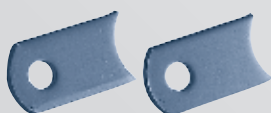
### THROTTLE CONTROL ROD KIT

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



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

## CONTROL ROD ANCHORS



Stamped steel anchors in two nominal gauges, 0.160" (8 ga) and 0.375" (3/8), arc designed for 7/8" or 1" OD tubing, but may be welded anywhere. Hole accommodates 1/4" control rods.

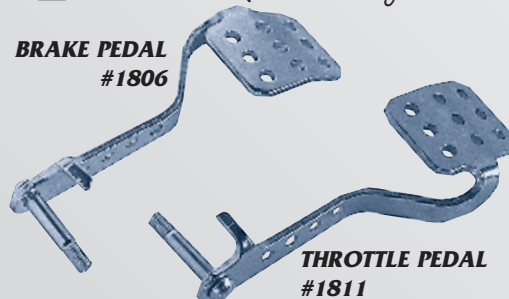
Rod Anchor, .160" (8 ga)	8182
Rod Anchor, .375" (3/8)	8176

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

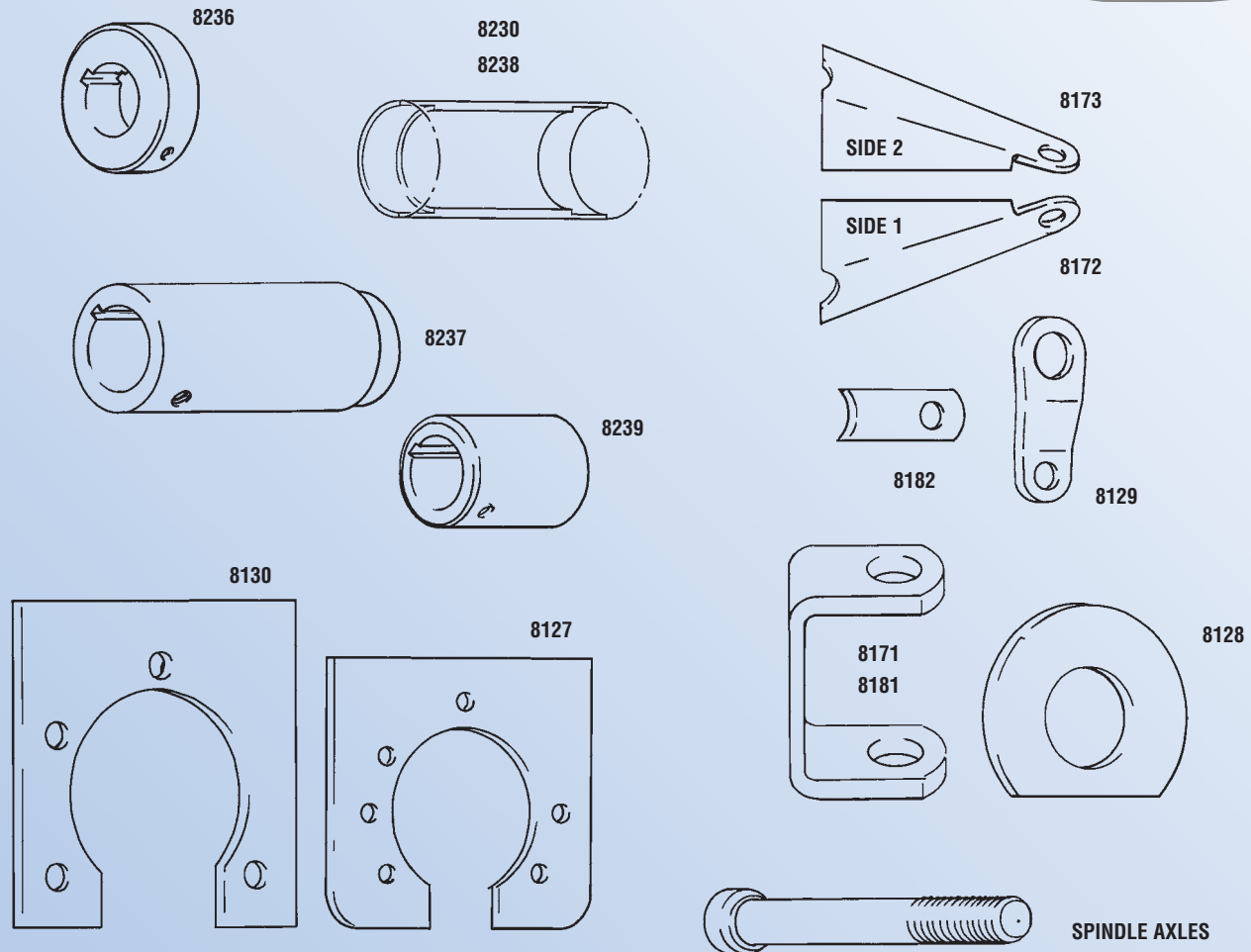


Strong, versatile, zinc plated, forged steel clevis. Shank drilled and tapped for 1/4-28 or 10-32. Clevis pin has cotter pin hole.

Clevis, Forged - 1/4-28	8354
Clevis, Forged - 10-32	8314
Clevis Pin	8355
Cotter Pin	8419

## WELDMENTS

In response to OEMs who require custom designed welded assemblies, we provide the following weldable steel components of Azusa-design assemblies.



<b>HUB FOR STEEL DISC</b> 1" ID x 2" OD x 1/2" wide, two 5/16-18 set screw holes, and 1/4" keyway	<b>8236</b>	<b>BEARING HANGER, 1-1/4" AXLE</b> 4" x 4-1/4" x 1/4" thick. 5/16" holes for two and three hole bearing flangette pattern.	<b>8130</b>	<b>SPINDLE BRACKET, 1/2" KINGPIN</b> 2-1/2" between ears, 1-1/4" clearance to bolt centerline. 1/4" thick x 1-3/16" wide. for 1/2" kingpin.	<b>8181</b>
<b>HUB, 1" BORE, LONG</b> 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.	<b>8237</b>	<b>BEARING HANGER, JACKSHAFT</b> 1-3/8" ID x 3" OD w/2" mounting edge x 1/4" thick	<b>8128</b>	<b>SPINDLE AXLES - UNPLATED</b>	
<b>TUBE, TAPERED BEARING HUB,</b> 2" OD x 1.782" ID x 3-5/8" long	<b>8238</b>	<b>SPINDLE ARM (SIDE 1)</b> 3-3/4" x 1" with support wedge x 1/8" thick 5/16" bolt hole.	<b>8172</b>	5/8-18 x 3.75"	<b>8445</b>
<b>TUBE, BEARING HUB</b> 1-5/8" OD x 1-3/8" ID x 3-1/2" long	<b>8230</b>	<b>SPINDLE ARM (SIDE 2)</b> 3-3/4" x 1" with support wedge (opposite from side one) x 1/8" thick. 5/16" bolt hole.	<b>8173</b>	5/8-18 x 4.50"	<b>8457</b>
<b>HUB, 1" BORE, SHORT</b> 1" ID x 1-1/2" OD x 1-1/2" long. 5/16-18 set screw hole w/1/4" keyway.	<b>8239</b>	<b>SPINDLE BRACKET, 5/8" KINGPIN</b> 2-1/2" between ears, 1-1/4" clearance to bolt centerline. 1/4" thick x 1-3/16" wide. For 5/8" kingpin.	<b>8171</b>	5/8-18 x 6.00"	<b>8472</b>
<b>BEARING HANGER, 1" AXLE</b> 3-1/2" SQ x 1/4" thick, 5/16" hole pattern for two and three hole bearing flangettes.	<b>8127</b>			3/4-16 x 3.75"	<b>8444</b>
				3/4-16 x 4.50"	<b>8458</b>
				3/4-16 x 6.00"	<b>8471</b>
				<b>PITMAN ARMS</b>	<b>8129</b>
				5/8" shaft hole, 5/16" bolt hole, 5 ga. (.210") 1-5/8" center to center with 3/16" offset	
				<b>ROD ANCHORS (FOR 1/4" ROD)</b>	
				1-3/8" x 3/4" x 8 ga. (.160") thick with 1/4" hole.	<b>8182</b>
				1-3/8" x 3/4" x 3/8" (.375") thick with 1/4" hole.	<b>8176</b>



## 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

## ONE-PIECE COLLARS

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

## LOCKING COLLARS

- ☒ English & Metric Sizes
  - ☒ Skin-Packed\* or Bulk
  - ☒ Two Material Types:
  - ☒ Split & One-Piece
- Steel or Billet Aluminum



(Hardware 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
50mm	73mm"	15mm	8mm	Billet Alum.	8569
3/4"	1-3/4"	1/2"	1/4"	Steel	8551
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
50mm	73mm	15mm	8mm	Steel	8568

## 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, 5/8" x 14"	#35 Chain	1826-14
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

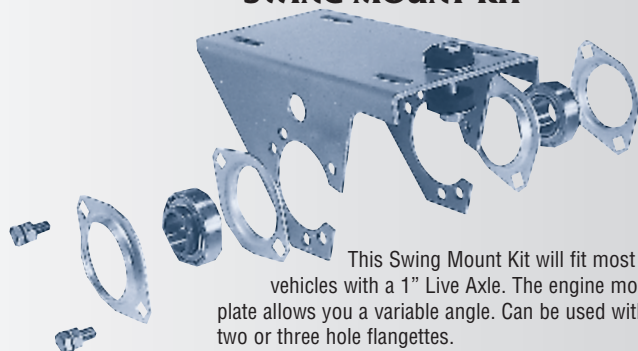
## Components for #35 Chain

DESCRIPTION	PART
13 Tooth Sprocket, 5/8" ID	2127
18 Tooth Sprocket, 5/8" ID	2132
Bearing Hanger (2 required)	8128
Choice of one	10"
5/8" Jackshaft w/	12"
3/16" Keyway	14"
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

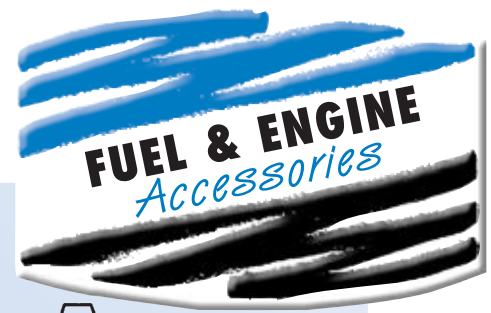
DESCRIPTION	PART
10 Tooth Sprocket, 3/4" ID	2110
14 Tooth Sprocket, 3/4" ID	2114
Bearing Hanger (2 required)	8128
Jackshaft, 3/4" x 14", 3/16" Keyway	8183-14
Standard Bearings, 3/4" ID (2 required)	8201
Keys, 3/16" x 3/16" x 3/4" (2 required)	8454
Collar, 3/4" ID	8560

## SWING MOUNT KIT

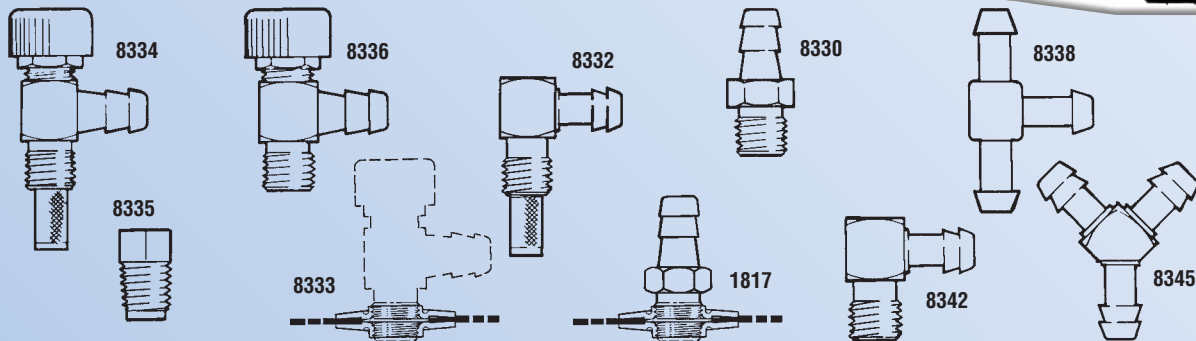


This Swing Mount Kit will fit most vehicles with a 1" Live Axle. The engine mounting plate allows you a variable angle. Can be used with two or three hole flanges.

DESCRIPTION	PART	
Complete Assembly	1879	
Hardware Only	1878	
COMPONENTS		
DESCRIPTION	NEEDED	PART
Steel Mounting Unit	1	8155
Bearings, with Hub, 1" ID	2	8211
Flangettes, 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



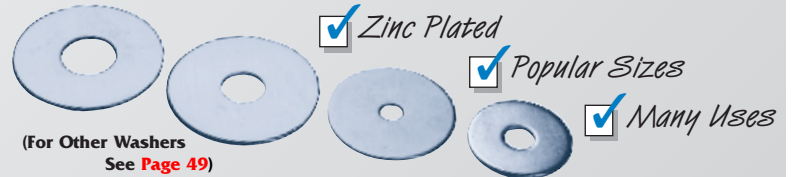
DESCRIPTION	PART	DESCRIPTION	PART	DESCRIPTION	PART
Valve, single with Filter 1/8" N.P.S.C.	8334	Valve, single 1/8" N.P.S.C.	8336	Fitting, 90° Elbow 1/8" N.P.S.C.	8342
Plug, 1/8" N.P.T.	8335	Fitting, 1/8" straight N.P.S.C.	8330	"T" Fitting Delrin®	8338
90° Elbow with Filter 1/8" N.P.S.C.	8332	Tank Drain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

## POLYURETHANE FUEL LINE #1887

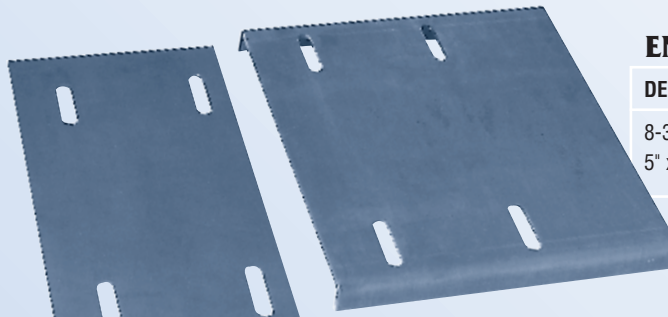


Twice the tensile and burst strength of vinyl and many times the abrasion resistance, this tough urethane Fuel Line will withstand millions of flexes. Low kinkage and excellent grab. The best! 1/4" ID x 3/8" OD.

## 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

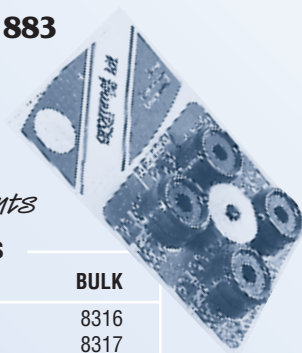


## ENGINE MOUNTING PLATES

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

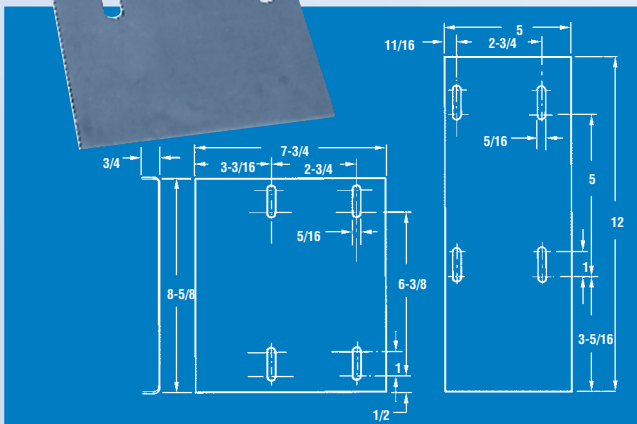
- ☒ Heavy Gauge Steel
- ☒ Slotted Mounting Holes

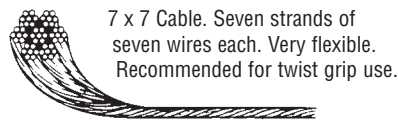
## RUBBER GROMMET KIT #1883



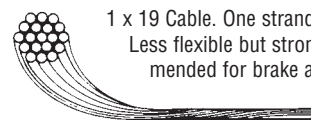
- ☒ Fairing Mounts
- ☒ Engine Shock-Mounts

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





7 x 7 Cable. Seven strands of seven wires each. Very flexible. Recommended for twist grip use.



1 x 19 Cable. One strand on 19 wires. Less flexible but stronger. Recommended for brake assemblies.

### STRANDED CONTROL CABLE Galvanized with Swaged Ball PRE-CUT LENGTHS

CABLE 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*	—
3/64	120"	3/16	2323	—
1/16	12"	7/32	2324	—
1/16	54"	7/32	2301	2302
1/16	96"	7/32	2329	2300
1/16	96"	7/32	—	2330†
1/16	120"	7/32	2325	—
5/64	56"	1/4	2326	—
5/64	60"	1/4	—	2305
5/64	60"	1/4	—	2305-6MM
5/64	64"	1/4	—	2334*
5/64	84"	1/4	—	2303
5/64	84"	1/4	—	2303-6MM
5/64	120"	1/4	—	2321
3/32	68"	9/32	—	2331

\*#2308 & #2334 have a barrel end.

†#2330 has a stainless steel hex end for applications near heat.

-6MM #2305-6MM & #2303-6MM have large (6mm) swaged ball ends.

### 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

### LINED CONDUIT

#### Poly-Lined – Cut to Length

#### PRE-CUT LENGTHS

CONDUIT DIAMETER	COVER OD	LENGTH	FOR CABLE	PART
3/16	.218	50"	3/64	2318-50
3/16	.218	58"	3/64	2318-58
3/16	.218	78"	3/64	2318-78
7/32	.255	50"	1/16	2314-50
7/32	.255	92"	1/16	2314-92
7/32	.255	116"	1/16	2314-116
1/4	.278	54"	5/64	2315-54
1/4	.278	78"	5/64	2315-78
9/32	.310	60"	3/32	2322-60
9/32	.310	66"	3/32	2322-66

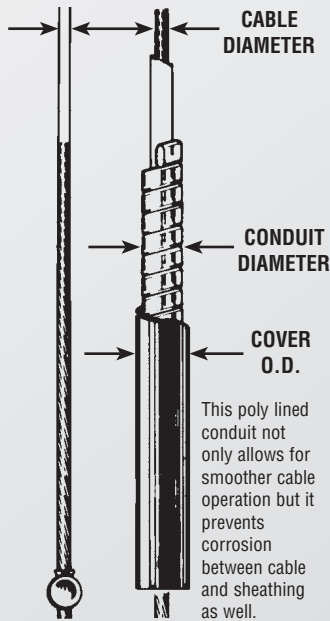
Conduit is available in any length. Call for quote.

### BULK CONDUIT - 50 Foot Rolls

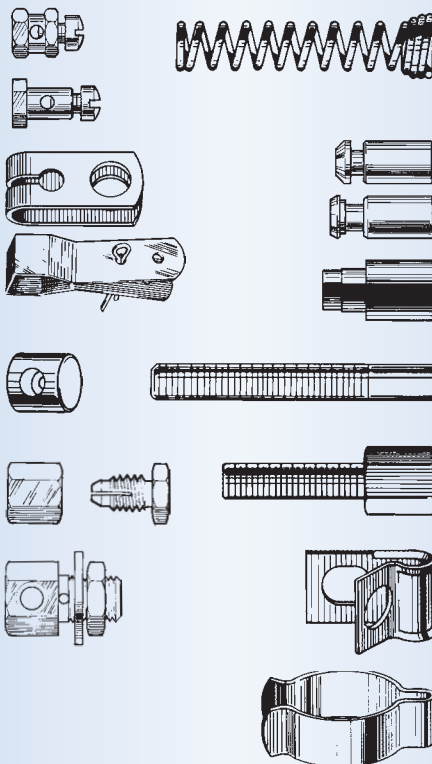
DIAMETER	FOR CABLE	PART
3/16	3/64	2318
7/32	1/16	2314
1/4	5/64	2315
9/32	3/32	2322

### COMPATIBILITY CHART

Conduit Part	2318	2314	2315	2322
Conduit Clip-7/8" Tube	2374	2375	2375	—
Conduit Clip-1" Tube	2377	2377	2377	—
Conduit Clamp	2379	2379	2380	2380
Conduit Retainers	—	2372	—	—
	—	2373	—	—
	—	2386	2387	—
Conduit Button	—	2369	2370	—
Cable Guide	2381	—	—	2394



### CONTROL CABLE FITTINGS



OD	ID	LENGTH	CABLE DIA.	PART
<b>WIRE STOPS</b>				
1/4	8-32	3/8"	3/32 Max.	2360
<b>WIRE SWIVELS</b>				
1/4	8-32	.240"	3/32 Max.	2361
<b>CLEVISES</b>				
1/4" Hole	1/2" Wide	1-1/8"	3/32 Max.	2366
1/16" Hole	3/8" Wide	1-1/4"	1/16 Max.	8157
<b>BALL ADAPTERS</b> (For 3/16 Ball)				
1/4	—	1/4"	3/32 Max.	2365
1/4	—	3/8"	3/32 Max.	2362
9/32	—	1/4"	3/32 Max.	2363
3/8	—	3/8"	3/32 Max.	2364
<b>CABLE ANCHORS</b>				
5/16	1/4-28	5/8"	3/64 Max.	2367
<b>ROD / CABLE COUPLERS</b>				
5/8	1/4-28	1"	3/32 Max.	2389

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
<b>CONDUIT RETAINERS - STEPPED</b>				
5/16-24	.260	1	7/32	2372
1/4-28	.260	1-1/2	7/32	2373
5/16-18	.312	1-5/16	—	2371
<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



## THROTTLE ASSEMBLIES

### DELUXE #2352 (Lined Conduit)



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

### FOAM DUMMY GRIP #2347

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	—



### ECONOMY #2359 (Unlined Conduit)

### O.E.M.s:

We can make control cable assemblies to your specs from components on [page 38](#). Check with our sales department.

### THROTTLE

### CONTROL CABLES

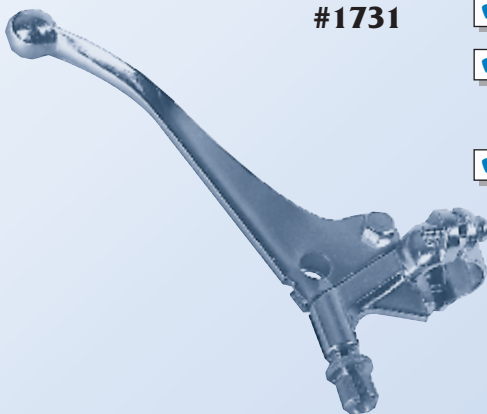
### BRAKE

APPLICATION	CABLE LENGTH	CABLE OD	CONDUIT 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
Brake	56"	5/64"	48"	.370	1754

- ☒ Excellent Quality
- ☒ Low Price
- ☒ Installed Conduit Caps

## PROFESSIONAL BRAKE LEVER

### #1731



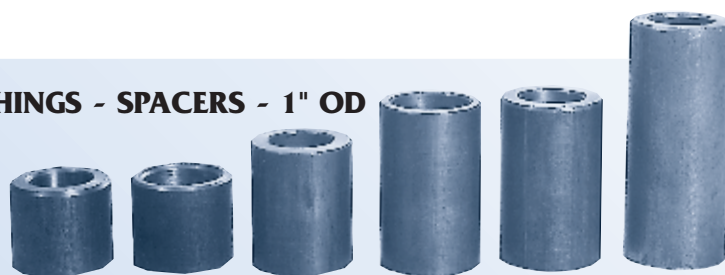
- ☒ Split Mounting Collar
- ☒ Rugged Steel Handle with Classic Ball End
- ☒ Complete with Adjusting Hardware



### REPLACEMENT ADJUSTER #2371

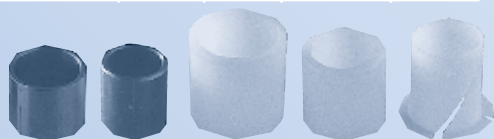


## STEEL BUSHINGS - SPACERS - 1" OD



## 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



ID	LENGTH	PART
5/8"	1/4"	8366
5/8"	5/8"	8368
5/8"	3/4"	8350
5/8"	7/8"	8324
5/8"	1-1/8"	8363
5/8"	1-1/4"	8321
5/8"	1-3/8"	8367
5/8"	1-1/2"	8380
5/8"	1-5/8"	8323
5/8"	1-3/4"	8318
5/8"	1-7/8"	8356
5/8"	2-1/4"	8357
5/8"	2-1/2"	8369
5/8"	5"	8358

ID	LENGTH	PART
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

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

## MINI AXLES - STEEL

- ☒ 5/8" & 1" Diameters
- ☒ 7 Lengths Available



LENGTH	THREAD	THREAD LENGTH	PART
6-3/4"	5/8-18	1"	8121-7
8"	5/8-18	2"	8120-8
8-3/4"	5/8-18	1"	8121-9
10"	5/8-18	2"	8120-10
14"	1-14	1-1/2"	8122-14
16"	1-14	1-1/2"	8122-16
18"	1-14	1-1/2"	8122-18

## 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
	1-14	8538
JAM NUTS	THREAD	PART
(for other nuts, see <a href="#">page 49</a> )	7/16-20	8513
	1/2-20	8542
	5/8-18	8524
	3/4-16	8525

## DEEP DRAWN STEEL FENDERS

- ☒ For 4", 5", 6" and 8" Wheels
- ☒ Cold Rolled Steel
- ☒ Chromed or Unplated



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"	1830	1829
4.75"	18.0"	6", 8"	5.5"	1866	1865

## KICKSTAND & WELDABLE BRACKET

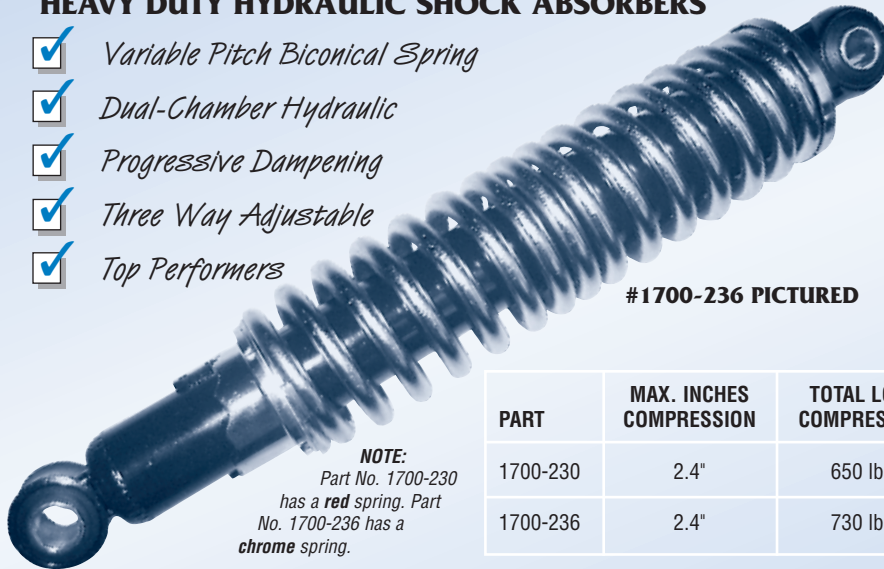


DESCRIPTION	PART
Kick Stand & Bracket Set	1727



## HEAVY DUTY HYDRAULIC SHOCK ABSORBERS

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



#1700-236 PICTURED

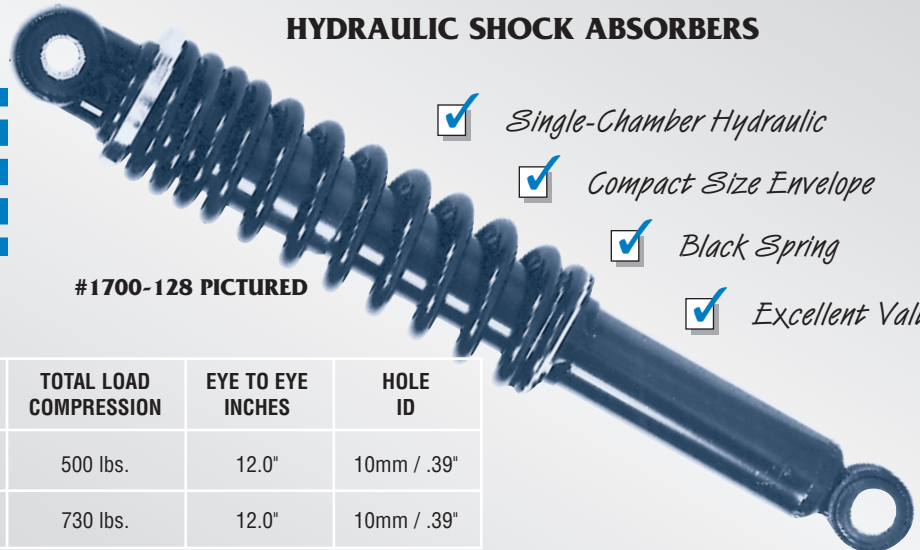
**NOTE:**  
Part No. 1700-230  
has a **red** spring. Part  
No. 1700-236 has a  
**chrome** spring.

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

PART	MAX. INCHES COMPRESSION	TOTAL LOAD COMPRESSION	EYE TO EYE INCHES	HOLE ID
1700-230	2.4"	650 lbs.	12.0"	12mm / .47"
1700-236	2.4"	730 lbs.	12.0"	12mm / .47"

## HYDRAULIC SHOCK ABSORBERS

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



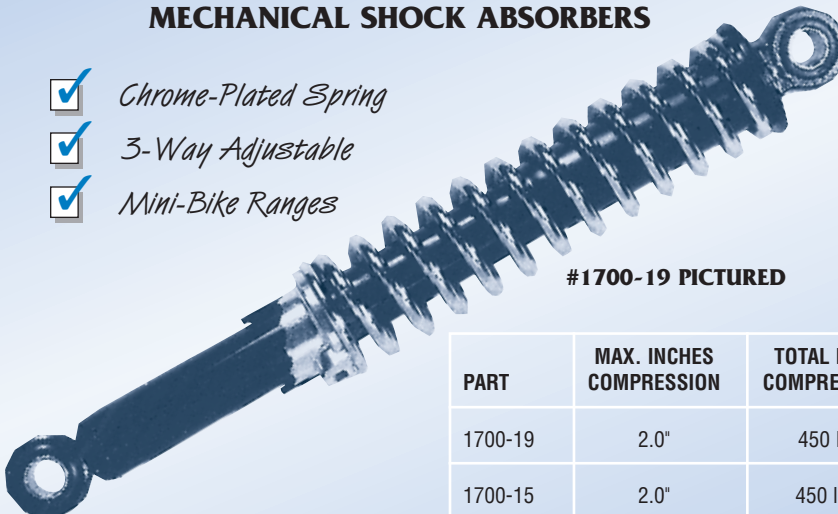
#1700-128 PICTURED

- ☒ 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
- ☒ 3-Way Adjustable
- ☒ Mini-Bike Ranges



#1700-19 PICTURED

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

PART	MAX. INCHES COMPRESSION	TOTAL LOAD COMPRESSION	EYE TO EYE INCHES	HOLE ID
1700-19	2.0"	450 lbs.	12.0"	12mm / .47"
1700-15	2.0"	450 lbs.	12.0"	3/8" / .375"

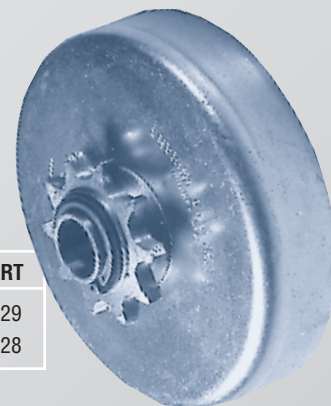


## KART & MINI BIKE 4 CYCLE CENTRIFUGAL CLUTCHES



### 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\*

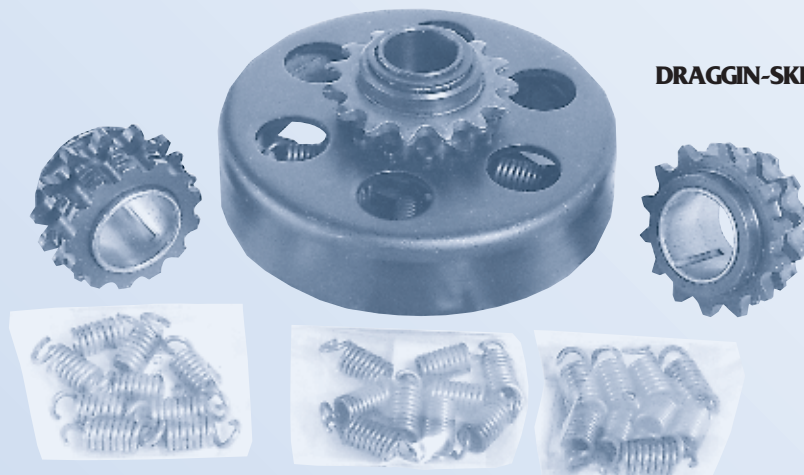
CHAIN SIZE	SHAFT DIA	TEETH	PART
#35	5/8"	11	2221
#35	5/8"	12	2222
#35	3/4"	12	2224
#35	3/4"	13	2225
#40/41	5/8"	10	2223
#40/41	3/4"	10	2220

\*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
- ☒ For #35, #40 or #41 Chain
- ☒ Works Clockwise or Counterclockwise
- ☒ Four Cycle Engines, 2-1/2 to 7 HP

## "DRAGGIN-SKIN" 4 CYCLE RACING CLUTCH

- ☒ 3 Interchangeable #35 Chain Sprockets, 4 Spring Sets
- ☒ 3/4" Bore
- ☒ Engagement at 2,800 to 4,500 rpms
- ☒ Bonded, Non-Asbestos Resin Linings



**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.



## KART RACING TIRES



SLICK



RAIN TIRE



### 5" RACING KART TIRES

BRIDGESTONE TIRES					
SIZE	COMPOUND / AZUSA PART NO.				
4.5/10.5-5	YJA4	YJB4	YHC4	YJP4*	YJL4
6.0/11.0-5	YJA6	YJB6	YHC6	YJP6*	YJL4
7.1/11.0-5	YJA7	YJB7	YHC7	—	YJL7

### 6" RACING KART TIRES

BRIDGESTONE			FIRESTONE		
SIZE	COMP / PN		COMP / PN		
5.0/10.5-6	YFA5	YBH5	YFF5	YGF5	—
6.5/11.5-6	YFA6	—	YFF6	—	YJF6
8.0/12.0-6	—	YBH8	—	YGF8	YJF8

\*Rain Tires



Compounds are periodically updated; call to confirm availability. For other tires, see pages 12-13



## DRIVER PROTECTIVE GEAR

CHEST PROTECTOR  
1304-SM1  
1304-SM2



ORIGINAL RIBTECT VEST



RIBTECT 2 VEST



- ✓ Sizes (Age): Sm1 (5-8), Sm2 (9-12)
- ✓ WKA, IKF & SFI 20.1 Approved
- ✓ 2 Layers Polypropylene Plastic

- ✓ Black Cordura® Nylon
- ✓ Shock-Absorbing Foam
- ✓ Adjustable Straps

- ✓ All Original Vest Features
- ✓ Carbon Fiber Contoured Panels
- ✓ Improved Vest Quality

ORIGINAL RIBTECT VESTS			
JUNIOR SIZES		ADULT SIZES	
Size	Azusa PN	Size	Azusa PN
28 Small	1301-28	36 Small	1311-36
30 Medium	1301-30	38 Small/Medium	1311-38
32 Large	1301-32	40 Medium	1311-40
34 Extra Large	1301-34	42 Medium/Large	1311-42
		44 Large	1311-44
		46 Extra Large	1311-46
		48 XX Large	1311-48
		50 XXX Large	1311-50

For additional size information, call us or visit [ribtect.com](http://ribtect.com)

RIBTECT 2: CARBON FIBER VESTS			
JUNIOR SIZES		ADULT SIZES	
Size	Azusa PN	Size	Azusa PN
28 Small	1302-28	36 Small	1312-36
30 Medium	1302-30	38 Small/Medium	1312-38
32 Large	1302-32	40 Medium	1312-40
34 Extra Large	1302-34	42 Medium/Large	1312-42
		44 Large	1312-44
		46 Extra Large	1312-46
		48 XX Large	1312-48
		50 XXX Large	1312-50

For additional size information, call us or visit [ribtect.com](http://ribtect.com)



## 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

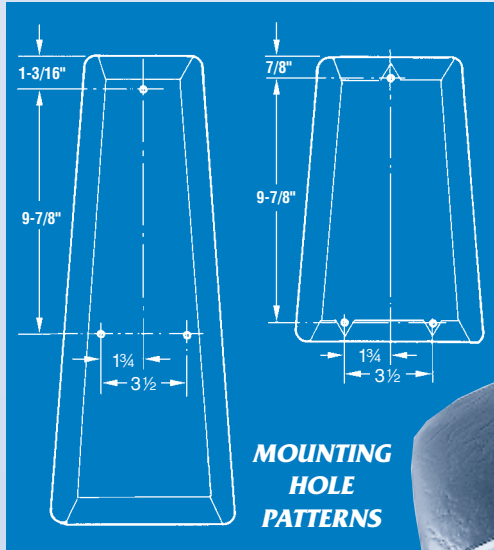


## MINI-BIKE SEATS

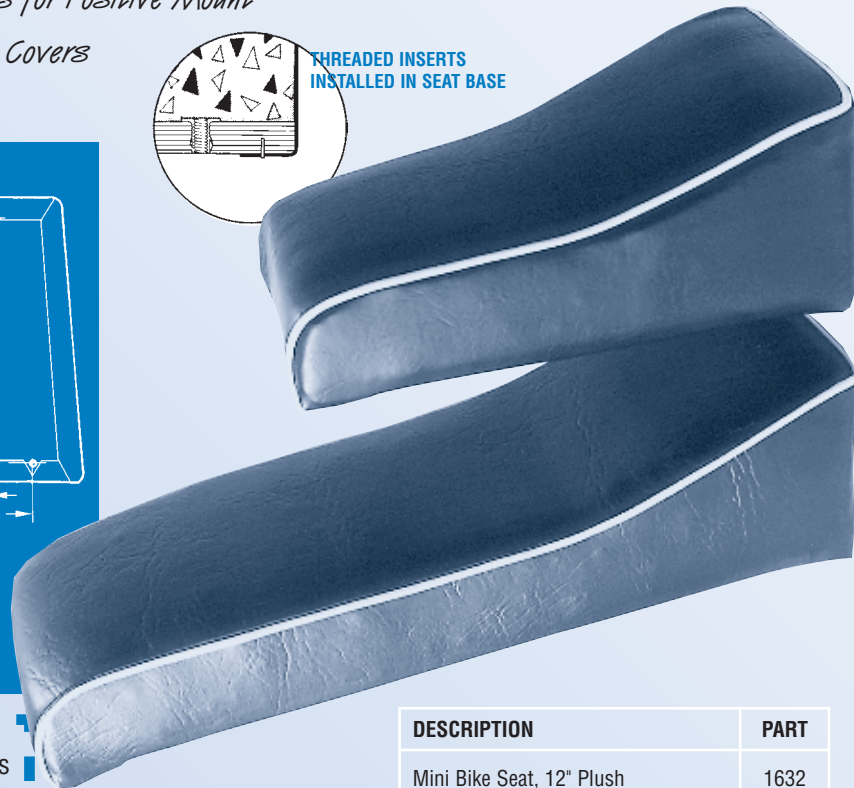
- ✓ *Sturdy, Thick Mounting Base*
- ✓ *Dense Foam*
- ✓ *Threaded Inserts for Positive Mount*
- ✓ *High Quality Covers*



THREADED INSERTS  
INSTALLED IN SEAT BASE



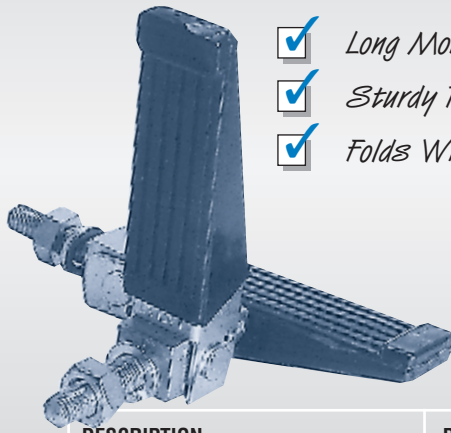
**MOUNTING  
HOLE  
PATTERNS**



**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

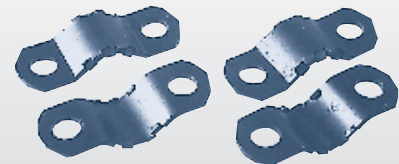


- ✓ *Long Mounting Studs*
- ✓ *Sturdy Rubber Treads*
- ✓ *Folds When Not In Use*

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

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

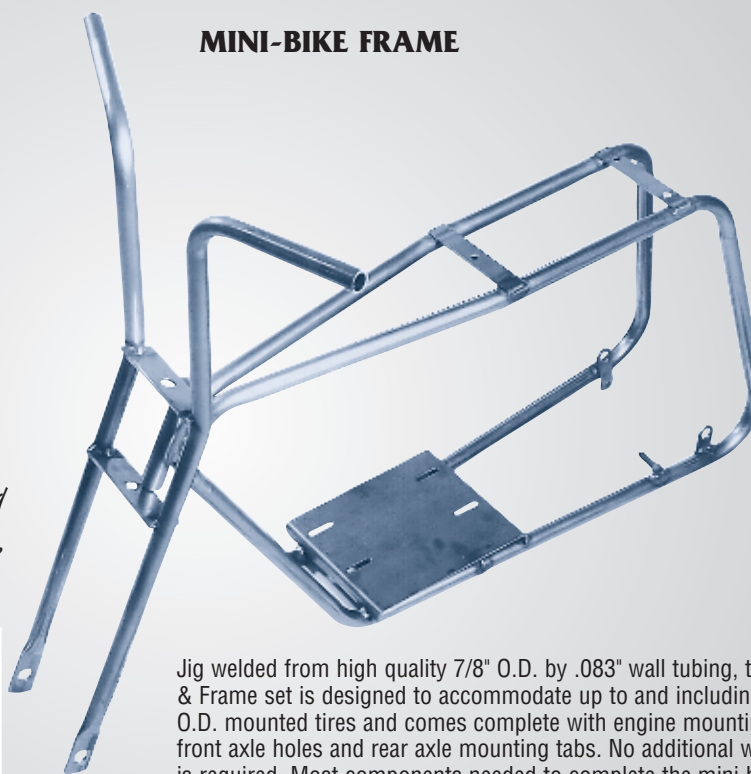


DESCRIPTION	PART
Non-Slip Clamps, Set, 4 Halves Packaged	2209
Non-Slip Clamps, Bulk (Each)	8162

# MINI-BIKE FRAME and Parts Locator

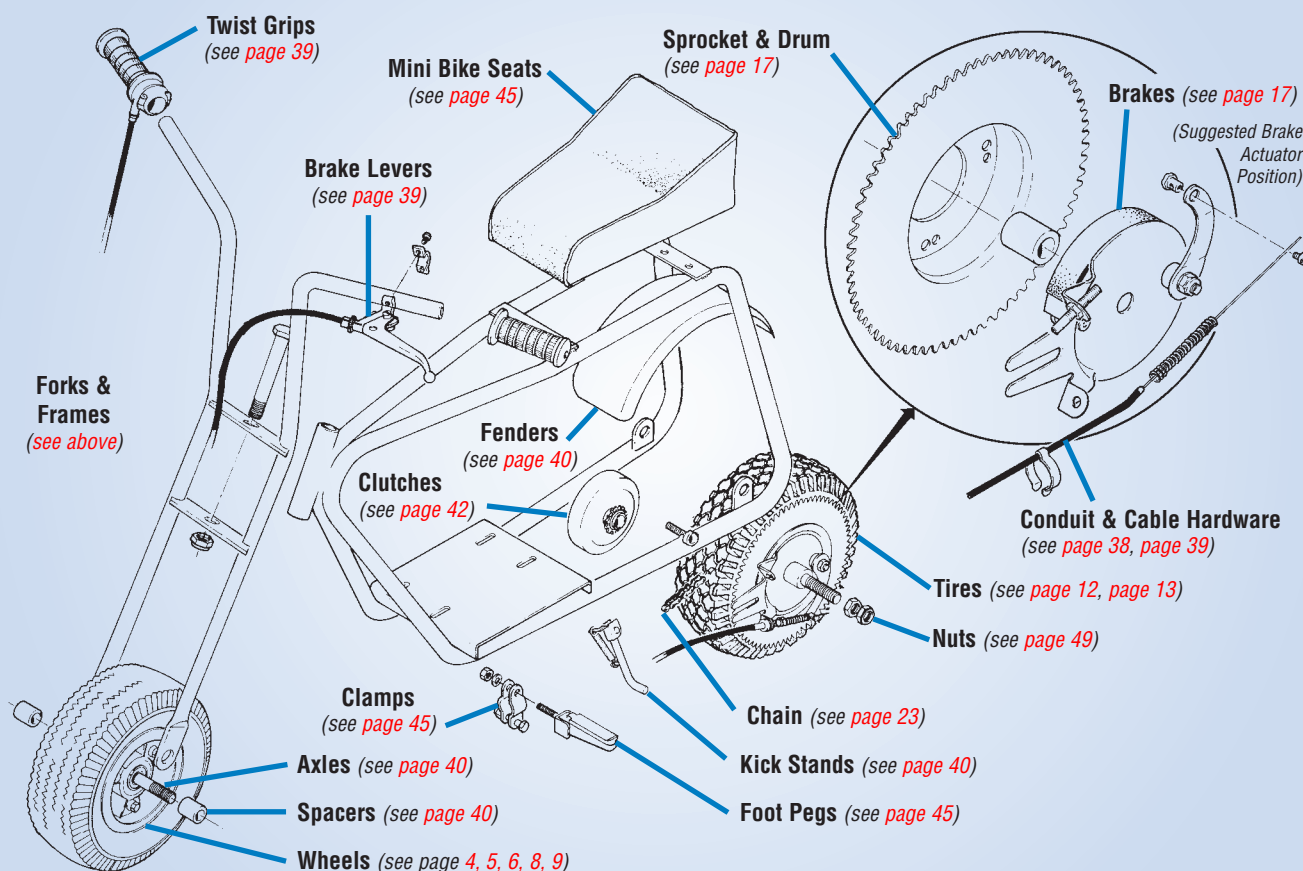
- ✓ *Rugged Construction*
- ✓ *No Welding Needed*
- ✓ *Economical, Versatile*
- ✓ *Other Components On Hand*
- ✓ *13-5/8" Engine Clearance*

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



**MINI-BIKE FRAME**

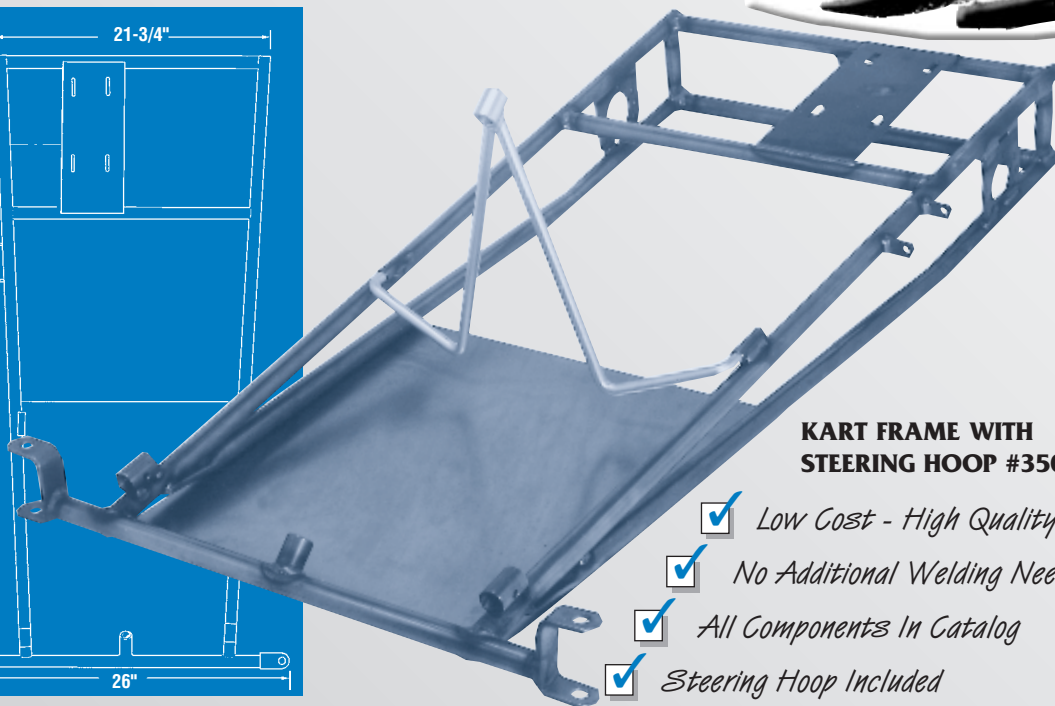
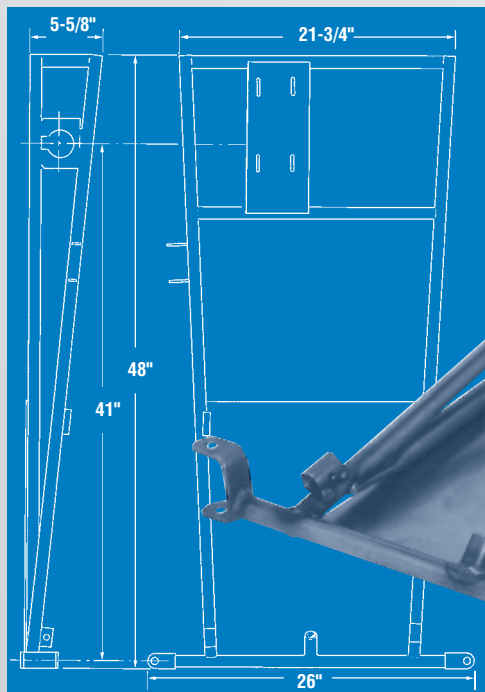
Jig welded from high quality 7/8" O.D. by .083" wall tubing, this Fork & Frame set is designed to accommodate up to and including 17.5" O.D. mounted tires and comes complete with engine mounting plate, front axle holes and rear axle mounting tabs. No additional welding is required. Most components needed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



**ILLUSTRATED MINI-BIKE PARTS LOCATOR**

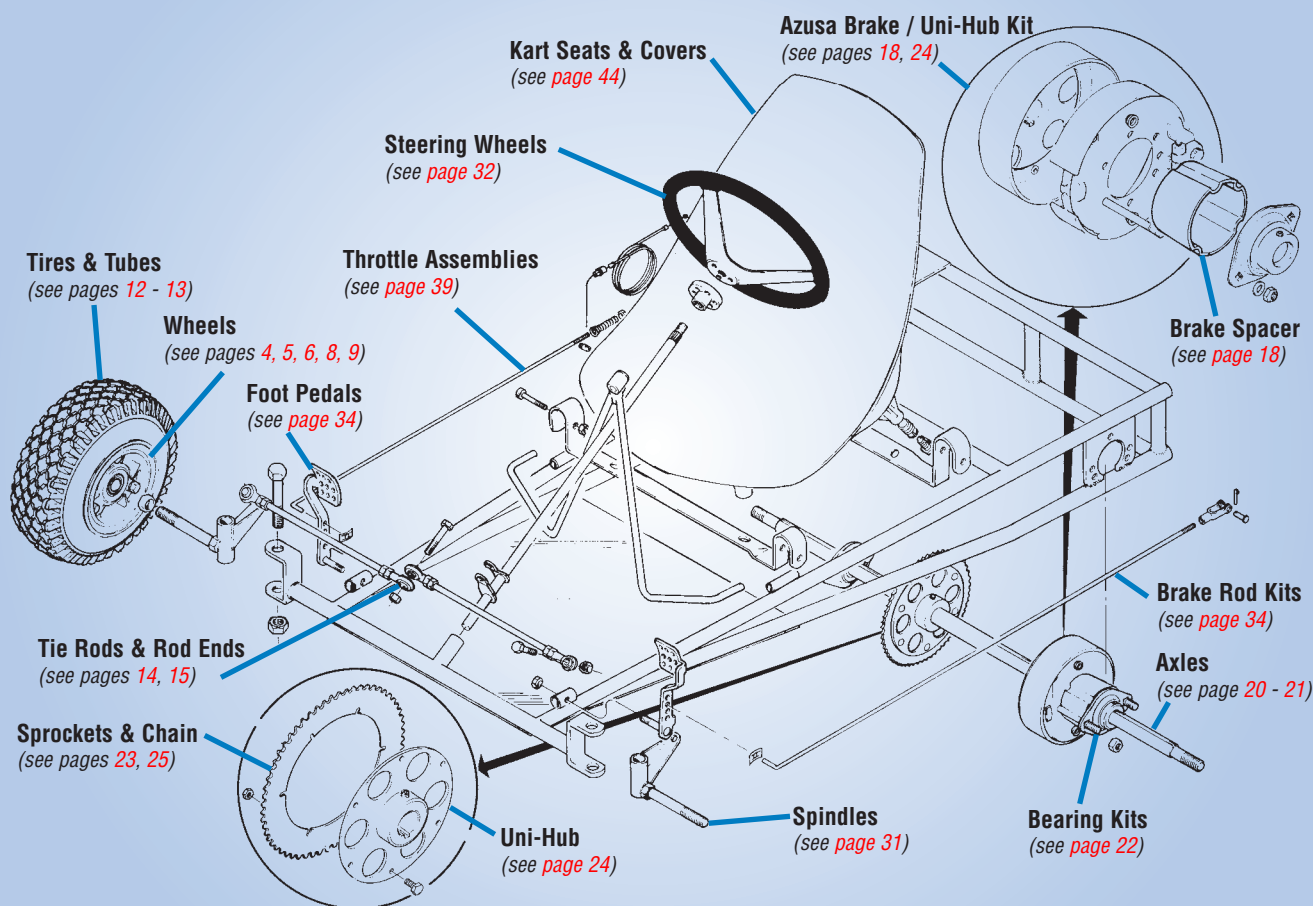
## KART FRAME

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 Components In Catalog
- ☒ Steering Hoop Included



## ILLUSTRATED KART PARTS LOCATOR



## KART KITS

Azusa Kart Kits are compiled from the quality components in this catalog. These parts, sub-assemblies and hardware offer your customer a Kit designed to provide everything necessary to assemble a Kart - with the assurance that the parts fit, the hardware is the proper size and quantity and the weldments and sub-assemblies conform to Azusa's standards of form, fit and function. Assembly instructions and parts lists for each kit are included. We do not supply engines... and therefore we do not preselect a clutch, although we carry a complete line of clutches in this catalog.

DESCRIPTION	PART
Kart Kit with 5" Nylon Wheels	3557
Kart Kit with 5" Aluminum Wheels	3551
Kart Kit with 6" Aluminum Wheels	3552

(For Clutches, see [page 42](#))

## MINI-BIKE KITS

Azusa offers four Mini-Bike Kits (see table for part numbers). The kits contain identical components throughout, except for wheel size and type. The tire and innertube sizes match the wheels selected. Each kit provides everything needed to assemble a complete Mini-Bike, including: Frame, Fork, Upholstered Seat, Wheels, Tires, Tubes, Controls, Grips, Foot Pegs, Axles, Sprockets, Brakes, Chain and all the necessary attaching Hardware. All Kits are less Engine and Clutch. Assembly instructions and parts list are included.

DESCRIPTION	PART
Mini-Bike Kit - 5" Aluminum Wheels	3540
Mini-Bike Kit - 6" Aluminum Wheels	3541
Mini-Bike Kit - 8" Aluminum Wheels	3542
Mini-Bike Kit - 10" Chrome-Plated Steel Wheels	3544

(For Clutches, see [page 42](#))

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



#### BOLTS - HEX HEAD - Zinc Plated

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 1-1/4"	8431
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 2-3/4"	8450
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 3-3/4"	8453
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 ‡Round Head

#### BOLTS w/HOLE (1/16" Hole, 3/32" from End)

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
5/16-24 x 3-1/2"	8428
3/8-24 x 1-3/4"	8481
3/8-24 x 2-1/4"	8482
3/8-24 x 4"	8473

#### COLLARS, Zinc Plated, 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 & hardware

3/4" x 1-3/4" x 1/2" x 1/4" kw, Steel	8551
1" x 1-3/4" x 1/2" x 1/4" kw, Steel	8557
1" x 1-3/4" x 1/2" x 1/4" kw, Billet AL	8578
1-1/4" x 2" x 1/2" x 1/4" kw, Steel	8558
1-1/4" x 2" x 1/2" x 1/4" kw, Billet AL	8579
1-3/8" x 2-1/4" x 1/2" x 1/4" kw, Steel	8559
35mm x 2-1/4" x 1/2" x 5/16" kw, Steel	8553
40mm x 2-1/2" x 1/2" x 5/16" kw, Steel	8552
40mm x 2-1/2" x 1/2" x 5/16" kw, Billet AL	8580
50mm x 73mm x 15mm x 8mm kw, Billet AL	8569
50mm x 73mm x 15mm x 8mm kw, Steel	8568

#### HOSE CLAMPS - SPRING

For 1/4" ID Full Line - 3/8" ID	8347
For Bucket Seat - 11/16" ID	8346

#### 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

#### HEX NUTS

6-32	8539
10-32	8508
1/4-28	8500
5/16-18	8519
5/16-24	8501
3/8-24	8507
8mm	8522

#### JAM NUTS

1/4-28	8531
1/4-28 Left Hand	8537
5/16-24	8523
5/16-24 Left Hand	8529
8mm	8540
8mm Left Hand	8541
3/8-24	8512
3/8-24 Left Hand	8530
7/16-20	8513
1/2-20	8542
5/8-18	8524
3/4-16	8525

#### LOCKNUTS

1/4-20 (N)	8502
5/16-18(N)	8510
5/16-24(N) Thin	8533
3/8-24(N) Thin	8534
3/8-16 All Steel	8504
3/8-24 All Steel	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
1-14 (N) Thin	8538

(N) = Nylon Insert

#### LUG NUTS

1/2-20	8532
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#### 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
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#### 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
6mm x 6mm	8382

#### SMALL SCREWS

8-32 x 1/4" Filister Head	8460
10-32 x 3/8" Fillister Head	8440
10-32 x 3/4" Phillips Pan Head	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 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
5/16-18 x 1"	8438
3/8-16 x 3/8"	8439
3/8-16 x 3/4"	8384
3/8-16 x 1-1/4"	8386
3/8-16 x 1-3/4"	8387

WASHERS, Zinc Plt.	I.D.	O.D.	PART
Flat	3/16"	1"	8371
Flat	3/16"	1-1/4"	8372
Flat	1/4"	5/8"	8353
Flat	1/4"	1"	8373
Flat	1/4"	1-1/2"	8374
Flat	3/8"	13/16"	8370
Flat, unplated	1/2"	3/4"	8304
Fender/Grommet	5/16"	1-1/4"	8317
Fender	3/8"	1-1/2"	8375
Fender	3/8"	2"	8376
Fender	1/2"	1-1/2"	8377
Fender	1/2"	2"	8378
Dust Shield	5/8"	1.76"	8305
Dust Shield	3/4"	1.76"	8301
Lockwasher-Split	5/16"		8302
Lockwasher-Split	5/16"		8306
Lockwasher-Split	1/2"		8303

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**Retail Sales:** We do not sell to retail customers. Please contact us for dealer information.

**Ordering:** Order by Mail, by Phone during Business Hours, or 24 hours a day by fax or e-mail to:

Azusa Engineering, Inc.  
1542 Industrial Park St.,  
Covina, CA 91722-3417  
(626) 967-4167  
Fax: (626)-966-4071  
E-mail: [sales@azusaeng.com](mailto:sales@azusaeng.com)

When ordering, please specify our part number, quantity and how you may be contacted. Orders may not be canceled without our consent. If we consent to cancellation or suspension of an order, we shall be entitled to reimbursement of reasonable costs.

**Minimum Order Charge:** A service charge of \$3.00 will be added to invoices of less than \$25.00. This charge may be waived, at Azusa's discretion, on regular accounts where volume warrants occasional small orders.

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To obtain warranty benefits the original purchaser must, within the warranty period: 1) notify Seller in writing of the particulars of the defect or failure of the goods to conform; and, 2) deliver the goods to Seller at the address listed above on this page with shipping costs to be born by purchaser.

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