



***Precision Components for  
Quality Fabrication***

***Catalog***

**[www.pro-werks.com](http://www.pro-werks.com)**



***For over 15 years,  
Pro-Werks has  
delivered the  
highest quality  
components that  
make fabrication  
easier.***

Whether your building a race car, street rod, custom plane, boat, or off-road vehicle, we have your needs covered.

Pro-Werks produces intelligently designed products with advantages of installation and performance.

Starting with only premium quality raw materials, we manufacture and finish our products with advanced processing procedures. Pro-Werks products exceed industry standards.

Our goal is to surpass your expectations with time tested durability, proven performance, and excellent quality.





## Bottle Mounts



### Lightweight Bottle Mount

Fits 2" diameter 10-ounce CO<sub>2</sub> bottle. For flat mount application only – will not accept Pro-werks Bar Mount. Lightweight mount has two 1/4"-20 threaded mount holes with 1-1/2" spacing, measures 3/8" thick. It is recommended to use two mounts per bottle. If bar mountable version is required, order part # C72-101 listed at right and necessary Bar Mount listed on page 2.

#### LIGHTWEIGHT BOTTLE MOUNT

EACH	DIAMETER
C72-100	2"

**SOLD INDIVIDUALLY**



#### REPLACEMENT KNOB

EACH	THREAD
C72-099	1/4-20



C72-099

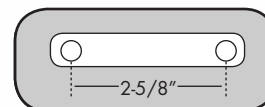
### Neck Mount

Provides mounting of fire extinguisher cylinders when clamping on the neck portion is required. Designed to be used with bottle mounts. May be flat mounted or accepts Pro-Werks bar mount for clamping on round tubing. Clamp has two 1/4"-20 threaded mount holes with 2-5/8" spacing, measures 1/2" thick.

#### NECK MOUNT

EACH	DIAMETER	USE WITH BOTTLE MOUNT
C72-165	1.215"	C72-104
C72-167	1.300"	C72-106
C72-168	1.300"	C72-110
C72-174	1.525"	C72-113
C72-175	1.600"	C72-115

**SOLD INDIVIDUALLY**



### Standard Bottle Mount

Perfect for nitrous, CO<sub>2</sub>, fire, and fresh air bottles. May be mounted on tabs or flat surface. Accepts Pro-werks Bar Mount for clamping on round tubing. Micro-polished 6061-T6 billet aluminum is CNC machined for accuracy with a lightweight, attractive design. Mounts have smooth radiused outside corners and two 1/4"-20 threaded mount holes with 2-5/8" spacing, measures 1/2" thick.

The easy spin knob provides positive, secure clamping and quick bottle loading. Mounts are required by most sanctioning bodies and two mounts per bottle are recommended. The diameter listed is the actual bottle diameter. The clamp range is minimal - less than 1/16". To ensure proper fit, measure bottle before ordering.

#### BOTTLE MOUNT

EACH	DIAMETER
C72-101	2"
C72-102	2-7/8"
C72-103	3.2"
C72-104	3.55"
C72-106	4"
C72-110	4-1/4"
C72-107	4-5/16"
C72-108	4-3/8"
C72-109	4-1/2"
C72-111	5"
C72-112	5.1"
C72-113	5-1/4"
C72-115	6.2"
C72-117	6.9"

**SOLD INDIVIDUALLY**





## Mounting Clamps



### Bar Mount

Clamps around tubing, eliminating the need for welding on the chassis. Accepts Pro-werks Bottle Mounts, Universal Clamps, and Neck Mounts when attachment to round tubing is necessary. Ideal for add-on accessories such as fuel pumps and electronic devices. Mount base is 3-1/2" wide end to end and the 1/4" bolt spacing is 2-5/8", measures 1/2" thick.



#### BAR MOUNT

EACH	DIAMETER
C72-300	3/4"
C72-301	7/8"
C72-302	1"
C72-303	1-1/8"
C72-304	1-1/4"
C72-305	1-3/8"
C72-306	1-1/2"
C72-307	1-5/8"
C72-308	1-3/4"
C72-309	1-7/8"
C72-310	2"

**SOLD INDIVIDUALLY**



### Universal Clamp

Provides secure mounting of remote reservoirs for shock absorbers without cylinder distortion. May also be used for fuel pumps, filters, exhaust pipes, etc. The micro-polished aluminum clamp may be flat mounted or accepts Pro-werks Bar Mount for clamping on round tubing. Clamp has two 1/4"-20 threaded mount holes with 2-5/8" spacing, measures 1/2" thick.

#### UNIVERSAL CLAMP

EACH	DIAMETER
C72-320	1.910"
C72-321	1.935"
C72-322	2.010"
C72-324	2.437"
C72-325	2.475"
C72-326	2.5"

**SOLD INDIVIDUALLY**





## Precision Components for Professional Fabrication



### CO<sub>2</sub> Regulator

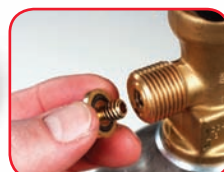
These brass CO<sub>2</sub> regulators are preset and non-adjustable at the pressure listed. Includes small diameter gauge that reads bottle pressure. Regulator has one 1/4" NPT outlet port.



C72-088



C72-094



C72-087

### Tech Tip

C72-088 O-Ring seal is recommended for use with these bottles

CO<sub>2</sub>



C72-084

C72-080

### CO<sub>2</sub> Bottle Accessories

Quality replacement parts for your CO<sub>2</sub> applications.

### CO<sub>2</sub> Bottle

Aluminum CO<sub>2</sub> Bottles are available in two sizes.

CO <sub>2</sub> REGULATOR	
EACH	DESCRIPTION
C72-089	90# REGULATOR W/ GAUGE
C72-090	150# REGULATOR W/ GAUGE
C72-091	220# REGULATOR W/ GAUGE
C72-095	REPLACEMENT GAUGE 1/8 NPT 1-2000#

CO <sub>2</sub> BOTTLE ACCESSORIES	
EACH	DESCRIPTION
C72-087	PRESSURE RELIEF (3000#)
C72-088	O-RING SEAL
C72-094	PRESSURE RELIEF (3000#)

CO <sub>2</sub> BOTTLE		
EACH	SIZE	DIMENSIONS
C72-080	10 OZ. BOTTLE	16-3/4" x 2"
C72-084	2-1/2# BOTTLE	14" x 4-3/8"

### BOTTLE KNOB

Lightweight knob features positive grip finger notches. Please measure bottle, knobs come in 2 sizes. Available in anodized black, red, blue, silver, or polished aluminum.

BOTTLE ACCESSORIES	
EACH	DESCRIPTION
C72-250	BLACK BOTTLE KNOB, .290" SQUARE DRIVE
C72-251	RED BOTTLE KNOB, .290" SQUARE DRIVE
C72-252	BLUE BOTTLE KNOB, .290" SQUARE DRIVE
C72-253	SILVER BOTTLE KNOB, .290" SQUARE DRIVE
C72-254	POLISHED BOTTLE KNOB, .290" SQUARE DRIVE
C72-260	BLACK BOTTLE KNOB, .320" SQUARE DRIVE
C72-261	RED BOTTLE KNOB, .320" SQUARE DRIVE
C72-262	BLUE BOTTLE KNOB, .320" SQUARE DRIVE
C72-263	SILVER BOTTLE KNOB, .320" SQUARE DRIVE
C72-264	POLISHED BOTTLE KNOB, .320" SQUARE DRIVE



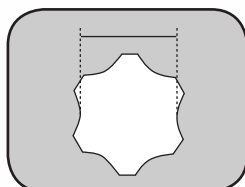


## Fill Cap & Bung Assemblies

This lightweight, non-vented cap features positive grip finger notches and quick-starting coarse threads. Caps are available in anodized silver, black, red, blue, or polished aluminum. Each is standard with a radial squeeze o-ring seal. We offer a choice of weld bung (aluminum and steel), remote mount, and bolt on bung (aluminum only).



Cap size is dimensioned across finger notches.



Weld Bung



### CAP ASSEMBLY WITH STEEL WELD BUNG

EACH	SIZE	COLOR	THREAD	BUNG HEIGHT
C73-730	1-5/8"	BLACK	1-1/4-12	.500
C73-731	1-5/8"	RED	1-1/4-12	.500
C73-732	1-5/8"	BLUE	1-1/4-12	.500
C73-733	1-5/8"	SILVER	1-1/4-12	.500
C73-734	1-5/8"	POLISHED	1-1/4-12	.500
C73-750	2"	BLACK	1-1/2-12	.500
C73-751	2"	RED	1-1/2-12	.500
C73-752	2"	BLUE	1-1/2-12	.500
C73-753	2"	SILVER	1-1/2-12	.500
C73-754	2"	POLISHED	1-1/2-12	.500
C73-770	2-3/4"	BLACK	2-1/4-10	.625
C73-771	2-3/4"	RED	2-1/4-10	.625
C73-772	2-3/4"	BLUE	2-1/4-10	.625
C73-773	2-3/4"	SILVER	2-1/4-10	.625
C73-774	2-3/4"	POLISHED	2-1/4-10	.625

### STEEL WELD BUNG

EACH	SIZE	HEIGHT	THREAD	CAP SIZE
C73-745	1-1/2" O.D.	.500	1-1/4-12	1-5/8"
C73-745-L	1-1/2" O.D.	1"	1-1/4-12	1-5/8"
C73-745-XL	1-1/2" O.D.	2"	1-1/4-12	1-5/8"
C73-765	1-3/4" O.D.	.500	1-1/2-12	2"
C73-765-L	1-3/4" O.D.	1"	1-1/2-12	2"
C73-765-XL	1-3/4" O.D.	2"	1-1/2-12	2"
C73-785	2-3/4" O.D.	.625	2-1/4-10	2-3/4"

For Caps only and O-rings, see page 5.

### CAP ASSEMBLY WITH ALUMINUM WELD BUNG

EACH	SIZE	COLOR	THREAD	BUNG HEIGHT
C73-735	1-5/8"	BLACK	1-1/4-12	.500
C73-736	1-5/8"	RED	1-1/4-12	.500
C73-737	1-5/8"	BLUE	1-1/4-12	.500
C73-738	1-5/8"	SILVER	1-1/4-12	.500
C73-739	1-5/8"	POLISHED	1-1/4-12	.500
C73-755	2"	BLACK	1-1/2-12	.500
C73-756	2"	RED	1-1/2-12	.500
C73-757	2"	BLUE	1-1/2-12	.500
C73-758	2"	SILVER	1-1/2-12	.500
C73-759	2"	POLISHED	1-1/2-12	.500
C73-775	2-3/4"	BLACK	2-1/4-10	.625
C73-776	2-3/4"	RED	2-1/4-10	.625
C73-777	2-3/4"	BLUE	2-1/4-10	.625
C73-778	2-3/4"	SILVER	2-1/4-10	.625
C73-779	2-3/4"	POLISHED	2-1/4-10	.625

### ALUMINUM WELD BUNG

EACH	SIZE	HEIGHT	THREAD	CAP SIZE
C73-747	1-5/8" O.D.	.500	1-1/4-12	1-5/8"
C73-747-L	1-5/8" O.D.	1"	1-1/4-12	1-5/8"
C73-747-XL	1-5/8" O.D.	2"	1-1/4-12	1-5/8"
C73-767	2" O.D.	.500	1-1/2-12	2"
C73-767-L	2" O.D.	1"	1-1/2-12	2"
C73-767-XL	2" O.D.	2"	1-1/2-12	2"
C73-787	2-3/4" O.D.	.625	2-1/4-10	2-3/4"



# Fill Caps & Bung Assemblies



Bolt-On Bung



## Remote Fill Cap & Bung

Trick Remote Fill Cap assembly installs easily and securely. Remote mounting increases versatility to any installation. The Silver anodized billet aluminum bung is precision CNC machined for quality and reliability. It utilizes our popular EZ Turn Fill Caps. Available for both 2" and 2-1/2" hose, includes fasteners for flange mounting.

### REMOTE FILL CAP & BUNG

EACH	CAP SIZE	HOSE SIZE	THREAD
C73-755-H2	2" BLACK	2"	1-1/2-12
C73-756-H2	2" RED	2"	1-1/2-12
C73-757-H2	2" BLUE	2"	1-1/2-12
C73-758-H2	2" SILVER	2"	1-1/2-12
C73-759-H2	2" POLISHED	2"	1-1/2-12
C73-775-H2	2-3/4" BLACK	2"	2-1/4-10
C73-776-H2	2-3/4" RED	2"	2-1/4-10
C73-777-H2	2-3/4" BLUE	2"	2-1/4-10
C73-778-H2	2-3/4" SILVER	2"	2-1/4-10
C73-779-H2	2-3/4" POLISHED	2"	2-1/4-10
C73-775-H25	2-3/4" BLACK	2-1/2"	2-1/4-10
C73-776-H25	2-3/4" RED	2-1/2"	2-1/4-10
C73-777-H25	2-3/4" BLUE	2-1/2"	2-1/4-10
C73-778-H25	2-3/4" SILVER	2-1/2"	2-1/4-10
C73-779-H25	2-3/4" POLISHED	2-1/2"	2-1/4-10

### REMOTE MOUNT BUNG

EACH	CAP SIZE	HOSE SIZE	THREAD
C73-792	2"	2"	1-1/2-12
C73-794	2-3/4"	2"	2-1/4-10
C73-796	2-3/4"	2-1/2"	2-1/4-10

### CAP ASSEMBLY WITH ALUMINUM BOLT-ON BUNG

EACH	SIZE	COLOR	THREAD
C73-735-B	1-5/8"	BLACK	1-1/4-12
C73-736-B	1-5/8"	RED	1-1/4-12
C73-737-B	1-5/8"	BLUE	1-1/4-12
C73-738-B	1-5/8"	SILVER	1-1/4-12
C73-739-B	1-5/8"	POLISHED	1-1/4-12
C73-755-B	2"	BLACK	1-1/2-12
C73-756-B	2"	RED	1-1/2-12
C73-757-B	2"	BLUE	1-1/2-12
C73-758-B	2"	SILVER	1-1/2-12
C73-759-B	2"	POLISHED	1-1/2-12
C73-775-B	2-3/4"	BLACK	2-1/4-10
C73-776-B	2-3/4"	RED	2-1/4-10
C73-777-B	2-3/4"	BLUE	2-1/4-10
C73-778-B	2-3/4"	SILVER	2-1/4-10
C73-779-B	2-3/4"	POLISHED	2-1/4-10

### ALUMINUM BOLT-ON BUNG

EACH	SIZE	THREAD	CAP SIZE	BOLT HOLE CENTERLINE DIAMETER
C73-746	1-5/8"	1-1/4-12	1-5/8"	4 ON 2"
C73-766	2"	1-1/2-12	2"	4 ON 2.25"
C73-786	2-3/4"	2-1/4-10	2-3/4"	5 ON 3.125"

### FILL CAP WITH O-RING

EACH	SIZE	COLOR	THREAD
C73-740	1-5/8"	BLACK	1-1/4-12
C73-741	1-5/8"	RED	1-1/4-12
C73-742	1-5/8"	BLUE	1-1/4-12
C73-743	1-5/8"	SILVER	1-1/4-12
C73-744	1-5/8"	POLISHED	1-1/4-12
C73-744-R	1-5/8"	RAW	1-1/4-12
C73-760	2"	BLACK	1-1/2-12
C73-761	2"	RED	1-1/2-12
C73-762	2"	BLUE	1-1/2-12
C73-763	2"	SILVER	1-1/2-12
C73-764	2"	POLISHED	1-1/2-12
C73-764-R	2"	RAW	1-1/2-12
C73-780	2-3/4"	BLACK	2-1/4-10
C73-781	2-3/4"	RED	2-1/4-10
C73-782	2-3/4"	BLUE	2-1/4-10
C73-783	2-3/4"	SILVER	2-1/4-10
C73-784	2-3/4"	POLISHED	2-1/4-10
C73-784-R	2-3/4"	RAW	2-1/4-10

### REPLACEMENT O-RING

PART #	APPLICATION	CAP SIZE
C73-749	CAP	1-5/8"
C73-769	CAP	2"
C73-788	CAP	2-3/4"
C73-748	BOLT-ON BUNG	1-5/8"
C73-768	BOLT-ON BUNG	2"
C73-789	BOLT-ON BUNG	2-3/4"



## Weld Bungs

### Female Weld Bung

These female weld bungs simplify tank fabrication. Choose from NPT or AN style bungs both in aluminum and mild steel.



#### ALUMINUM

EACH	NPT	BAG OF (20)
C73-669	1/16"	C73-669-20
C73-670	1/8"	C73-670-20
C73-671	1/4"	C73-671-20
C73-672	3/8"	C73-672-20
C73-673	1/2"	C73-673-20
C73-674	3/4"	C73-674-20

#### ALUMINUM

EACH	AN THREAD	BAG OF (20)
C73-650	#4, 7/16"-20	C73-650-20
C73-651	#6, 9/16"-18	C73-651-20
C73-652	#8, 3/4"-16	C73-652-20
C73-653	#10, 7/8"-14	C73-653-20
C73-654	#12, 1-1/16"-12	C73-654-20
C73-655	#16, 1-5/16"-12	C73-655-20

#### MILD STEEL

EACH	NPT	BAG OF (20)
C73-679	1/16"	C73-679-20
C73-680	1/8"	C73-680-20
C73-681	1/4"	C73-681-20
C73-682	3/8"	C73-682-20
C73-683	1/2"	C73-683-20

#### MILD STEEL

EACH	AN THREAD	BAG OF (20)
C73-660	#4, 7/16"-20	C73-660-20
C73-661	#6, 9/16"-18	C73-661-20
C73-662	#8, 3/4"-16	C73-662-20
C73-663	#10, 7/8"-14	C73-663-20
C73-664	#12, 1-1/16"-12	C73-664-20
C73-665	#16, 1-5/16"-12	C73-665-20

#### STAINLESS STEEL

EACH	NPT	BAG OF (20)
C73-680-SS	1/8"	C73-680-SS-20



### Male Weld Bung

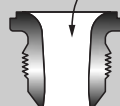
Precision CNC machined from 6061-T6 aluminum or mild steel, these male bungs feature a contoured inlet for maximum flow. The stepped shoulder provides location in a hole or on end of tubing while welding.

#### ALUMINUM

EACH	AN THREAD	FITS TUBE	BAG OF (20)
C73-630	#4, 7/16"-20	3/4" x .058"	C73-630-20
C73-631	#6, 9/16"-18	7/8" x .058"	C73-631-20
C73-632	#8, 3/4"-16	1" x .058"	C73-632-20
C73-633	#10, 7/8"-14	1-1/8" x .058"	C73-633-20
C73-634	#12, 1-1/16"-12	1-3/8" x .058"	C73-634-20
C73-635	#16, 1-5/16"-12	1-5/8" x .058"	C73-635-20

#### MILD STEEL

EACH	AN THREAD	FITS TUBE	BAG OF (20)
C73-640	#4, 7/16"-20	3/4" x .058"	C73-640-20
C73-641	#6, 9/16"-18	7/8" x .058"	C73-641-20
C73-642	#8, 3/4"-16	1" x .058"	C73-642-20
C73-643	#10, 7/8"-14	1-1/8" x .058"	C73-643-20
C73-644	#12, 1-1/16"-12	1-3/8" x .058"	C73-644-20
C73-645	#16, 1-5/16"-12	1-5/8" x .058"	C73-645-20



COMPUTER DESIGNED  
CONTOURING FOR  
HIGHER FLOW RATES



## Panel Fasteners

### Tech Tip

**SIMPLIFY ASSEMBLY** of your project by using one length button and adjusting the spring height for varied panel thickness. Using part # C73-545.



### Buttons

Accept C73-505-10, C73-508-10, or C73-510-10 tabs with C73-525-10 springs.



**Tabs & Springs**  
An assortment of tabs to choose from for your panel fastener installation.

TABS & SPRINGS		
PACK OF (10)	TYPE	BAG OF (20)
C73-505-10	REG. LENGTH	C73-505- 20
C73-508-10	LIGHTWEIGHT	C73-508- 20
C73-510-10	LONG LENGTH	C73-510- 20
C73-525-10*	SPRING	C73-525- 20

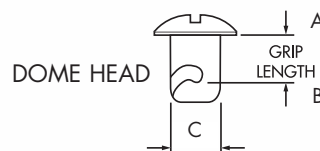
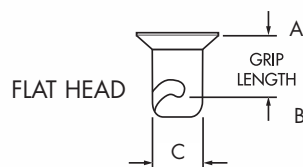
\* 1-3/8" c-c holes / .425" tall.

1-3/8" Center to Center Holes



### Tech Tip

**HOW TO MEASURE GRIP LENGTH** If you are trying to match existing buttons on your application, follow these illustrations to determine the correct measurement. Grip length is measured from the rim surface in contact with the surface of the panel (A) and the actual fastened point of the spring (B). Shank diameter is (C).



#### DOMESTEELBUTTONS

PACK OF (10)	SHANK DIAMETER	DIAMETER OF HEAD	GRIP
C73-562-10	.406	.700	.400
C73-563-10	.406	.700	.450
C73-564-10	.406	.700	.500
C73-565-10	.406	.700	.550
C73-566-10	.406	.700	.600
C73-567-10	.406	.700	.650

#### DOMESTEELBUTTONS

PACK OF (10)	SHANK DIAMETER	DIAMETER OF HEAD	GRIP
C73-572-10	.406	.700	.400
C73-573-10	.406	.700	.450
C73-574-10	.406	.700	.500
C73-575-10	.406	.700	.550
C73-576-10	.406	.700	.600
C73-577-10	.406	.700	.650

#### FLATSTEELBUTTONS

PACK OF (10)	SHANK DIAMETER	DIAMETER OF HEAD	GRIP
C73-582-10	.406	.700	.400
C73-583-10	.406	.700	.450
C73-584-10	.406	.700	.500
C73-585-10	.406	.700	.550
C73-586-10	.406	.700	.600
C73-587-10	.406	.700	.650

#### FLATALUMINUMBUTTONS

PACK OF (10)	SHANK DIAMETER	DIAMETER OF HEAD	GRIP
C73-592-10	.406	.700	.400
C73-593-10	.406	.700	.450
C73-594-10	.406	.700	.500
C73-595-10	.406	.700	.550
C73-596-10	.406	.700	.600
C73-597-10	.406	.700	.650



# Panel Fasteners

## Aluminum Spring Rivets

Special dual groove creates a large bulb to retain the spring. Rivets measure 1/8" in diameter and fit all sizes of Dzus springs.



C73-500-10

### ALUMINUM SPRING RIVETS

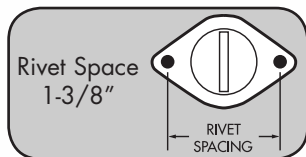
**PACK  
OF (100)**  
C73-532

**DIAMETER**  
1/8" DIA.



## Large Self-Eject Buttons

These flat head Pro-Stock style buttons accept C73-500-10 tabs with C73-515-10 springs.



### LARGE SELF-EJECT BUTTONS

PACK OF (10)	SHANK DIAMETER	DIAMETER OF HEAD	GRIP
C73-612-10	.406	.750	.400
C73-613-10	.406	.750	.450
C73-614-10	.406	.750	.500
C73-615-10	.406	.750	.550
C73-616-10	.406	.750	.600
C73-617-10	.406	.750	.650



C73-515-10

1" Center to Center Holes

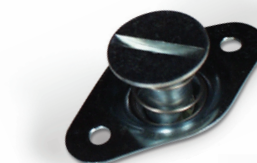
## Self-Eject Tabs & Springs

Special tab and spring combination is designed to accept Self-Eject style panel fasteners.

### SELF EJECT-TABS & SPRINGS

PACK OF (10)	DESCRIPTION	BAG OF (20)
C73-500-10	TAB	C73-500-20
C73-515-10*	SPRING	C73-515-20

\* 1" c-c holes / .325" tall.



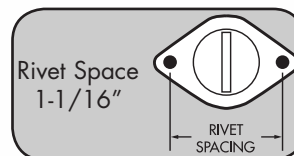
STANDARD



WING

## Standard Self-Eject Buttons

Accepts C73-500-10 tabs and C73-515-10 springs.



### STANDARD SELF-EJECT BUTTONS

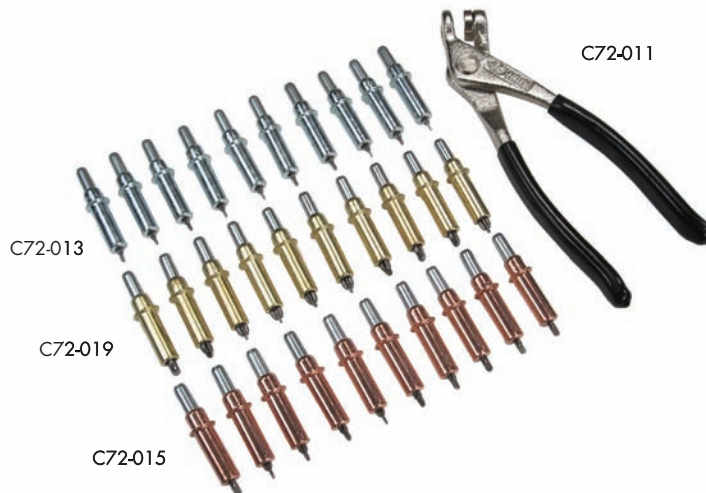
PACK OF (10)	SHANK DIAMETER	DIAMETER OF HEAD	GRIP
C73-598-10	.350	.625	.400
C73-599-10	.350	.625	.450
C73-600-10	.350	.625	.500
C73-601-10	.350	.625	.550
C73-602-10	.350	.625	.600
C73-603-10	.350	.625	.650

### WING STYLE SELF-EJECT BUTTONS

PACK OF (10)	SHANK DIAMETER	DIAMETER OF HEAD	GRIP
C73-610-10	.350	.625	.500



## Tools / Doubler Plates



### Clecos

Quick and easy to use, spring-loaded Cleco fasteners are inserted into drilled rivet holes to temporarily hold panels in place during fit up. Cleco pliers are required for installation. Complete kit includes pliers and quantity of 10 each of 3/32", 1/8", and 3/16" diameter Clecos.

#### CLECO KIT

**KIT**  
C72-008

#### CLECOS

PACK OF (10)	SIZE
C72-013	3/32"
C72-015	1/8"
C72-019	3/16"

#### PLIERS

**EACH**  
C72-011



Example of Clecos in use.



### Doubler Plates

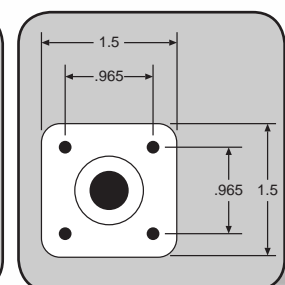
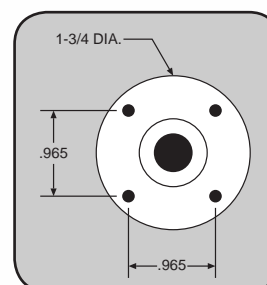
Aluminum or stainless steel construction is .040" thick and accepts Flat Head Style buttons. Rivets on location for increased strength of fiberglass, carbon fiber, and aluminum panels. Rivet holes measure 1/8" diameter, center hole measures .435" diameter.

#### DOUBLER PLATES

PACK OF (10)	STYLE	MATERIAL
C73-535-10	SQUARE	ALUMINUM
C73-536-10	ROUND	ALUMINUM
C73-535-10-SS	SQUARE	STAINLESS STEEL
C73-536-10-SS	ROUND	STAINLESS STEEL



Both styles accept C73-525-10 springs and may be used as spring reinforcement on the back side of the panel or for wear plate on the front side.





## Tools

C72-011



C72-014



C72-010

### Dzus Billet Wrenches

Anodized aluminum grips with chromoly blade provide comfort and lasting durability. Fits dome head, flat head, and self ejecting buttons. C72-014 doubles as a bottle opener.

### Dzus Wrench

This handy wrench fits all Dzus style buttons.

#### DZUS WRENCH

EACH	DESCRIPTION
C72-010	DZUS WRENCH

#### DZUS WRENCH

EACH	DESCRIPTION
C72-012	BILLET DZUS WRENCH
C72-014	BILLET MULTI PURPOSE WRENCH

### Tech Tip

Use multiple transfer punches when marking more than one location.



### Transfer Punch

Use for accurate transfer of hole location to panel. Punch fits in tab with or without spring.

#### TRANSFER PUNCH

EACH	DESCRIPTION
C73-544	TRANSFER PUNCH



### Spring Adjuster

Effectively adjusts installed fastener springs that are too tight or too loose. Universal design fits both C73-515-10 and C73-525-10 springs.

#### SPRING ADJUSTER

EACH	DESCRIPTION
C73-545	SPRING ADJUSTER

C73-540



C73-541



C73-542



C73-543

### Dimple Tool

These tools provide the professional quality dimple necessary for flat head button applications.

#### DIMPLE TOOL

EACH	STYLE	TYPE	COLOR
C73-540	WRENCH	FLAT HEAD	BLACK
C73-541	HAMMER	FLAT HEAD	SILVER
C73-542	HAMMER	SELF-EJECT	GOLD
C73-543	HAMMER	LRG SELF-EJECT	BLACK

#### DIMPLE TOOL KITS

KIT	INCLUDES
C73-548	1 EACH OF 4 DIMPLE TOOLS
C73-549	1 EACH OF 4 DIMPLE TOOLS, 1 TRANSFER PUNCH, AND 1 SPRING ADJUSTER TOOL





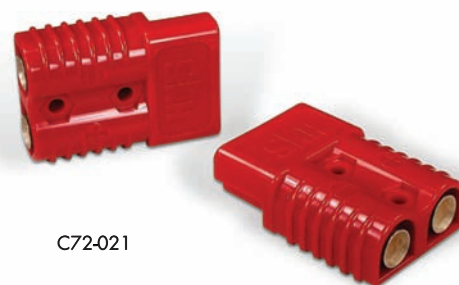
## Battery Accessories



C72-023

### Battery Coupler

This quick-disconnect battery coupler is compact and easily connected. Bright red with 175 amp, 600 volt maximum capacity.



C72-021

#### BATTERY COUPLER KITS

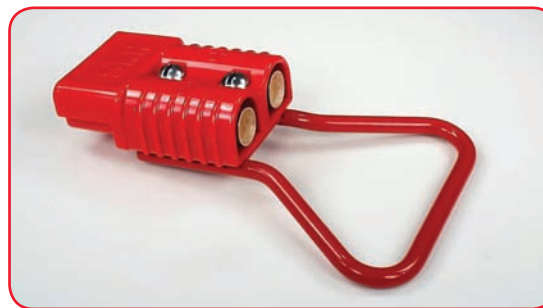
EACH	DESCRIPTION
C72-024	COMPLETE KIT - (2) COUPLERS, HANDLE, & COVER

#### BATTERY COUPLERS ACCESSORIES

EACH	DESCRIPTION
C72-020	BATTERY COUPLER
C72-023	DUST COVER
C72-029	HANDLE

#### BATTERY COUPLERS

PAIR	DESCRIPTION
C72-021	BATTERY COUPLERS



C72-022

### Remote Battery Terminals

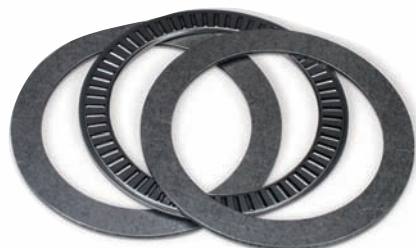
May be positioned inside or outside of car for convenient connection to battery charger. Accepts 6 to 36 volts. Includes 1 positive (red) and 1 negative (black).

#### REMOTE BATTERY TERMINALS

PAIR	DESCRIPTION
C72-022	REMOTE BATTERY TERMINALS



## Cut-Off Switch



### Spring Bearing

Allows for easy coil-over spring adjustment. Fits any shock/spring combination using 2-1/2" I.D. springs.

#### SPRING BEARING

KIT	DESCRIPTION	I.D.
C72-060	1 BEARING & 2 RACES	2-1/2"

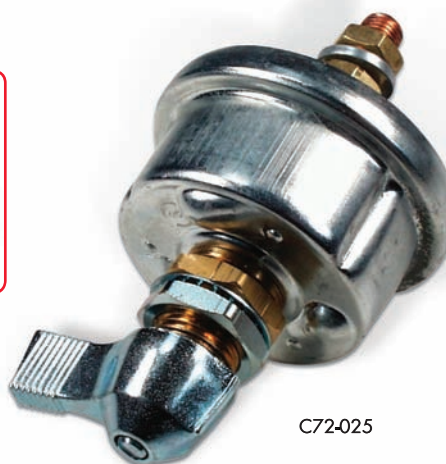


### Spanner Wrench

Universal design adjusts most popular brands of coil-over shocks.

#### SPANNER WRENCH

EACH	DESCRIPTION
C72-001	SPANNER WRENCH



C72-025

### Master Cut-Off Switch

Spliced into the positive battery cable, this heavy-duty switch positively shuts off all electrical current. Rated at 175 amps continuous, this type of switch is required by most sanctioning bodies.

#### MASTER CUT-OFF SWITCH

EACH	SWITCH
C72-025	MASTER CUT-OFF



C72-027



C72-026

### Master Cut-Off Switch With Lever

This complete cut-off switch kit includes #C72-025 switch, #C72-026 lever, 18" long remote rod, and tee handle.

#### MASTER CUT-OFF SWITCH

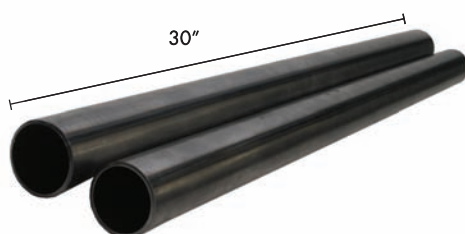
KIT	SWITCH
C72-027	MASTER CUT-OFF WITH LEVER
EACH	
C72-026	LEVER ONLY



## Exhaust / Intake

### Straight Exhaust

Straight mild steel and 304 stainless steel exhaust tubes for fabrication of your header or intake system. Each set comes with quantity of 2, 30" long pieces.



#### MILD STEEL

EACH	O.D.	THICKNESS
C76-580-2	1-1/4"	18 Gauge
C76-582-2	1-3/8"	16 Gauge
C76-584-2	1-1/2"	16 Gauge
C76-586-2	1-5/8"	16 Gauge
C76-588-2	1-3/4"	16 Gauge
C76-590-2	1-7/8"	18 Gauge
C76-592-2	2"	16 Gauge
C76-594-2	2-1/8"	16 Gauge
C76-596-2	2-1/4"	16 Gauge
C76-598-2	2-1/2"	16 Gauge
C76-600-2	3"	16 Gauge

#### 304 STAINLESS

EACH	O.D.	THICKNESS
C76-582-SS-2	1-3/8"	16 Gauge
C76-584-SS-2	1-1/2"	16 Gauge
C76-586-SS-2	1-5/8"	16 Gauge
C76-588-SS-2	1-3/4"	16 Gauge
C76-592-SS-2	2"	16 Gauge
C76-596-SS-2	2-1/4"	16 Gauge
C76-598-SS-2	2-1/2"	16 Gauge
C76-600-SS-2	3"	16 Gauge



### Tech Tip

One donut provides many bends - an excellent value



#### MILD STEEL

EACH	O.D.	RADIUS	THICKNESS
C76-560	1-1/2"	1-1/2"	16 GAUGE
C76-561	1-5/8"	1-5/8"	16 GAUGE
C76-562	1-3/4"	1-3/4"	16 GAUGE
C76-563	1-7/8"	1-7/8"	16 GAUGE
C76-564	2"	2"	16 GAUGE
C76-565	2-1/8"	2-1/8"	16 GAUGE
C76-566	2-1/4"	2-1/4"	14 GAUGE
C76-567	2-3/8"	2-3/8"	20 GAUGE
C76-568	2-1/2"	2-1/2"	14 GAUGE
C76-569	3"	3"	14 GAUGE
C76-570	3-1/2"	3-1/2"	14 GAUGE
C76-571	4"	4"	14 GAUGE
C76-572	4-1/2"	4-1/2"	14 GAUGE
C76-573	5"	5"	14 GAUGE

#### 304 STAINLESS

EACH	O.D.	RADIUS	THICKNESS
C76-560-SS	1-1/2"	1-1/2"	16 GAUGE
C76-561-SS	1-5/8"	1-5/8"	16 GAUGE
C76-562-SS	1-3/4"	1-3/4"	16 GAUGE
C76-563-SS	1-7/8"	1-7/8"	16 GAUGE
C76-564-SS	2"	2"	16 GAUGE
C76-565-SS	2-1/8"	2-1/8"	16 GAUGE
C76-566-SS	2-1/4"	2-1/4"	14 GAUGE
C76-567-SS	2-3/8"	2-3/8"	16 GAUGE
C76-568-SS	2-1/2"	2-1/2"	14 GAUGE
C76-569-SS	3"	3"	14 GAUGE
C76-570-SS	3-1/2"	3-1/2"	14 GAUGE
C76-571-SS	4"	4"	14 GAUGE

### Donut

Perfect for custom exhaust systems or intake manifold fabrication where tight bends are required. May be cut to accommodate any degree of bend necessary. The inner seam requires finish welding after cutting.



Ideal for super tight radius



## U-Bends



### Tight Radius 90° Bend

Super tight radius mandrel bent mild steel 90° bends are ideal for difficult fabrication projects. Features 6" leg length.

#### 90° BEND

EACH	O.D.	RADIUS	THICKNESS
C76-542	2"	2"	16 GAUGE
C76-544	2-1/4"	2-1/4"	16 GAUGE
C76-548	2-1/2"	2-1/2"	16 GAUGE
C76-550	3"	3"	16 GAUGE

### Combo Bend

These mild steel pieces are a combination of a 90-degree and a 180-degree bend. Combo has a 6" leg and 16" straight on U-bend with 8" leg on 90° bend.

#### COMBO BEND

EACH	O.D.	RADIUS	THICKNESS
C76-440	1-3/8"	2-1/2"	16 GAUGE
C76-442	1-1/2"	2-1/2"	16 GAUGE
C76-444	1-5/8"	2-1/2"	16 GAUGE
C76-446	1-3/4"	2-1/2"	16 GAUGE



### U-Bend

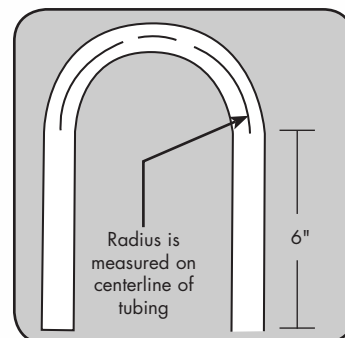
These mandrel bent mild steel and 304 stainless steel pieces make fabrication of your own custom header or intake system a simple task. Features 6" leg length.

#### MILD STEEL

EACH	O.D.	RADIUS	THICKNESS
C76-498	1-1/4"	2-1/2"	18 GAUGE
C76-500	1-3/8"	2-1/2"	16 GAUGE
C76-502	1-1/2"	2-1/2"	16 GAUGE
C76-504	1-5/8"	2-1/2"	16 GAUGE
C76-506	1-5/8"	3"	16 GAUGE
C76-508	1-3/4"	2-1/2"	16 GAUGE
C76-510	1-7/8"	3"	18 GAUGE
C76-512	2"	3"	16 GAUGE
C76-513	2-1/8"	3"	16 GAUGE
C76-514	2-1/4"	4"	16 GAUGE
C76-516	2-1/4"	4-1/2"	16 GAUGE
C76-518	2-1/2"	4"	16 GAUGE
C76-520	3"	6"	16 GAUGE

#### 304 STAINLESS STEEL

EACH	O.D.	RADIUS	THICKNESS
C76-500-SS	1-3/8"	2-1/2"	16 GAUGE
C76-502-SS	1-1/2"	2-1/2"	16 GAUGE
C76-504-SS	1-5/8"	2-1/2"	16 GAUGE
C76-508-SS	1-3/4"	2-1/2"	16 GAUGE
C76-512-SS	2"	3"	16 GAUGE
C76-514-SS	2-1/4"	4"	16 GAUGE
C76-518-SS	2-1/2"	4"	16 GAUGE
C76-520-SS	3"	6"	16 GAUGE

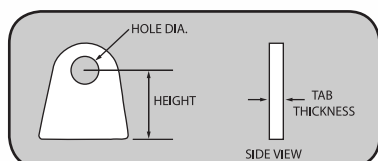




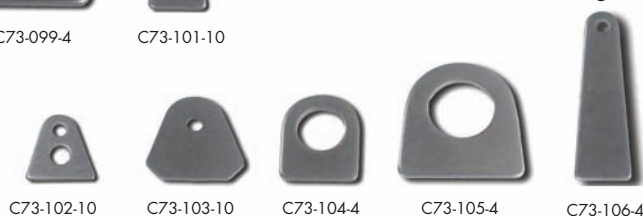
# Mild Steel Tabs

## Mild Steel Flat Tabs

These quality die stamped mild steel tabs eliminate the need for cutting and filing.



**MILD STEEL** can be successfully welded to chromoly using the proper filling rod (see page 20). Always select chromoly tabs for applications requiring ultimate strength.



### MILD STEEL FLAT TABS

PACK OF (4)	HOLE DIA.	THICKNESS	HEIGHT	BAG OF (20)
C73-098-4	1/4"	1/8"	11/16"	C73-098-20
C73-099-4	5/16"	3/16"	11/16"	C73-099-20
C73-104-4	5/8"	3/32"	3/4"	C73-104-20
C73-105-4	1-3/16"	1/8"	1-3/8"	C73-105-20
C73-106-4	1/4"	1/8"	3"	C73-106-20
C73-108-4	1/4"	3/32"	1"	C73-108-20
C73-113-4	1/2"	3/16"	1-3/16"	C73-113-20
C73-114-4	3/8"	1/8"	1-3/16"	C73-114-20
C73-115-4	3/8"	3/16"	7/8"	C73-115-20
C73-116-4	1/2"	3/16"	1-5/16"	C73-116-20
C73-117-4	1/2"	1/4"	1-3/8"	C73-117-20
C73-132-4	1/2"	3/16"	1"	C73-132-20
C73-185-4	1/2"	1/8"	1-5/16"	C73-185-20
C73-187-4	3/4"	1/4"	1-3/8"	C73-187-20

PACK OF (10)	HOLE DIA.	THICKNESS	HEIGHT	BAG OF (20)
C73-095-10	1/4"	1/8"	7/8"	C73-095-20
C73-096-10	1/4"	1/8"	15/16"	C73-096-20
C73-101-10	3/16"	1/16"	1/2"	C73-101-20
C73-102-10	3/16"	1/16"	3/4"	C73-102-20
C73-103-10	1/4"	3/32"	15/16"	C73-103-20
C73-107-10	3/16"	1/8"	3/4"	C73-107-20
C73-109-10	1/4"	3/32"	7/8"	C73-109-20
C73-110-10	3/8"	3/32"	7/8"	C73-110-20
C73-111-10	1/2"	3/16"	7/8"	C73-111-20
C73-112-10	1/2"	1/4"	7/8"	C73-112-20
C73-131-10	1/4"	1/16"	11/16"	C73-131-20

## Mild Steel Bent Tabs



### MILD STEEL BENT TABS

PACK OF (10)	HOLE DIA.	THICKNESS	HEIGHT	BAG OF (20)
C73-118-10	1/4"	3/32"	15/16"	C73-118-20
C73-119-10	3/8"	3/32"	15/16"	C73-119-20
C73-120-10	3/8"	1/8"	1"	C73-120-20
C73-121-10	7/16"	1/8"	1"	C73-121-20
C73-122-10	1/4"	3/32"	7/8"	C73-122-20
C73-123-10	3/8"	3/32"	7/8"	C73-123-20

PACK OF (4)	HOLE DIA.	THICKNESS	HEIGHT	BAG OF (20)
*C73-124-4	1-1/2"	1/8"	1-1/4"	C73-124-20
C73-125-4	1/4"	3/32"	1"	C73-125-20
C73-126-4	1/4"	3/32"	1-1/4"	C73-126-20
C73-127-4	1/4"	3/32"	1-3/4"	C73-127-20

\*Fits 1-1/2" tube.



## Mild Steel Tabs



C73-128-4

C73-129-4

C73-130-4

C73-140-4

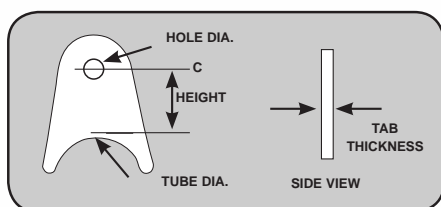
C73-145-4

C73-147-4

C73-150-4

C73-151-4

### Mild Steel Radius Tabs



#### MILD STEEL RADIUS TABS

PACK OF (4)	HOLE DIA.	THICKNESS	HEIGHT	TUBE DIA.	BAG OF (20)
C73-128-4	5/16"	3/32"	3/4"	1-1/2"	C73-128-20
C73-129-4	1/4"	1/8"	9/16"	1-1/4"	C73-129-20
C73-130-4	3/8"	1/8"	9/16"	1-1/4"	C73-130-20
C73-140-4	1/4"	1/8"	15/16"	1-1/4"	C73-140-20
C73-145-4	3/8"	3/16"	1-3/4"	1-5/8"	C73-145-20
C73-147-4	3/4"	3/16"	1-3/4"	1-5/8"	C73-147-20
C73-150-4	3/8"	1/8"	15/16"	1-1/4"	C73-150-20
C73-151-4	1/2"	3/16"	1-3/4"	1-5/8"	C73-151-20



### Mild Steel Gussets



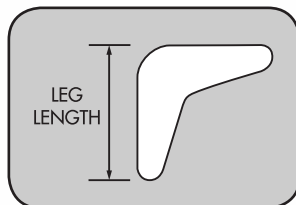
C73-152-4

C73-153-4

C73-154-4

#### MILD STEEL GUSSETS

PACK OF (4)	THICKNESS	LEG LENGTH	BAG OF (20)
C73-152-4	1/8"	1-7/8"	C73-152-20
C73-153-4	1/8"	1-7/8"	C73-153-20
C73-154-4	1/8"	3"	C73-154-20



C73-160-2

C73-161-2

C73-163

C73-164-2

### Mild Steel Flanges

#### MILD STEEL FLANGES

PACK OF (2)	HOLE DIA.	THICKNESS	TUBE DIA.	APPLICATION	BAG OF (20)
C73-160-2	5/16"	1/4"	1-1/2"	FRAME	C73-160-20
C73-161-2	3/8"	1/4"	1-3/8"	FRAME	C73-161-20
C73-164-2	1/4"	3/16"	1"	FRAME	C73-164-20
EACH	HOLE DIA.	THICKNESS	TUBE DIA.	APPLICATION	BAG OF (20)
C73-163	1/4"	1/8"	7/8"	STEERING	C73-163-20



## Mild Steel Brackets



C73-155



C73-156



C73-157



C73-158

### Mild Steel Shock Bracket



Bolt not included.



C73-159

#### MILD STEEL SHOCK BRACKET

EACH	DIMENSIONS	
C73-155*	1/2" BOLT, RADIUS MT (RIGHT), 1-1/2" TUBE DIA.	
C73-156*	1/2" BOLT, RADIUS MT (LEFT), 1-1/2" TUBE DIA.	
C73-157*	1/2" BOLT, 1-1/4" FLAT MT.	
C73-158*	1/2" BOLT, 1-7/8" FLAT MT.	
C73-159*	1/2" BOLT, 2 PC RADIUS TAB, 1-5/8" TUBE DIA.	
PACK OF (4)	DIMENSIONS	BAG OF (20)
C73-165-4	BUSHING ONLY, 1/2" I.D. x 1/2" LONG	C73-165-20
C73-169-4	BUSHING ONLY, 1/2" I.D. x 7/8" LONG	C73-169-20
* Includes bushings.		

### Mild Steel Hinge Bracket



C73-133-4

#### MILD STEEL HINGE BRACKETS

PACK OF (4)	HOLE DIA.	THICKNESS	HEIGHT	BAG OF (20)
C73-133-4	1/4"	3/32"	1-7/8"	C73-133-20

### Mild Steel Clevis Link Bracket

#### MILD STEEL CLEVIS LINK BRACKET

EACH	SIDE HOLES	MOUNT HOLE	BAG OF (20)
C73-175*	1/2" DIA.	1/2" DIA.	C73-175-20
C73-176*	1/2" DIA.	5/8" DIA.	C73-176-20

\* Brackets are both 3/16" thick and 1" wide inside.



C73-175

C73-176



### Mild Steel Pinto Rack-N-Pinion Brackets

Simplifies mounting of OEM style Pinto Rack-N-Pinion. Accepts Pro-werks Pinto Rack Bracket see page 34.

#### MILD STEEL PINTO RACK-N-PINION BRACKETS

PACK OF 2	HOLE DIA.	THICKNESS	HOLE C-C SPACING
C73-172*	3/8"	3/16"	2-7/8"

\* Fits 1-1/2" dia. tube.



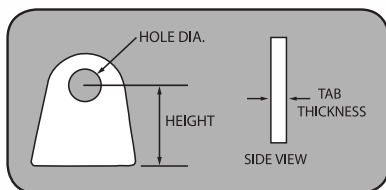


## Chromoly Tabs



### Chromoly Flat Tabs

These high strength tabs eliminate the need to cut and drill 4130 chromoly.



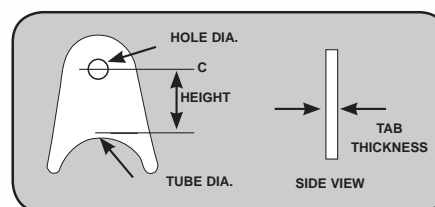
#### CHROMOLY FLAT TABS

PACK OF (4)	HOLE DIA.	THICKNESS	HEIGHT	BAG OF (20)
C73-213-4	5/16"	3/16"	11/16"	C73-213-20
C73-217-4	1/4"	1/8"	11/16"	C73-217-20
C73-218-4	5/16"	1/8"	11/16"	C73-218-20
C73-220-4	5/16"	.095"	7/8"	C73-220-20
C73-221-4	3/8"	3/16"	3/4"	C73-221-20
C73-231-4	7/16"	1/8"	1-1/8"	C73-231-20
C73-233-4	7/16"	1/8"	1-3/8"	C73-233-20
C73-234-4	7/16"	3/16"	1-3/8"	C73-234-20
C73-236-4	5/16"	3/16"	9/16"	C73-236-20
C73-237-4	1/4"	1/8"	5/8"	C73-237-20
C73-239-4	5/16"	1/8"	5/8"	C73-239-20
C73-241-4	3/8"	1/8"	7/8"	C73-241-20
C73-242-4	5/16"	1/8"	1"	C73-242-20

#### CHROMOLY RADIUS TABS

PACK OF (4)	HOLE DIA.	THICKNESS	HEIGHT	TUBE DIA.	BAG OF (20)
C73-208-4	1/4"	1/8"	1/2"	1-1/4"	C73-208-20
C73-209-4	3/8"	1/8"	9/16"	1-1/4"	C73-209-20
C73-210-4	3/8"	1/8"	7/8"	1-1/4"	C73-210-20
C73-219-4	5/16"	1/8"	7/16"	1"	C73-219-20
C73-224-4	3/8"	1/8"	3/4"	1-3/8"	C73-224-20
C73-226-4	7/16"	1/8"	7/8"	1-3/8"	C73-226-20
C73-227-4	7/16"	3/16"	7/8"	1-3/8"	C73-227-20
C73-229-4	1/4"	1/8"	9/16"	1-1/8"	C73-229-20

### Chromoly Radius Tabs



#### Tech Tip

TO FIT LARGER diameter tubing modify radius tabs by grinding them.

#### CHROMOLY BENT TABS

PACK OF (4)	HOLE DIA.	THICKNESS	HEIGHT	TUBE DIA.	BAG OF (20)
C73-201-4	3/8"	1/8"	1-3/16"	1-1/4"	C73-201-20
C73-202-4	3/8"	1/8"	1-3/16"	1-1/4"	C73-202-20
C73-203-4	3/8"	1/8"	1-3/16"	1-1/4"	C73-203-20
C73-207-4	3/8"	1/8"	15/16"	-	C73-207-20
C73-211-4	3/16"	1/16"	7/8"	-	C73-211-20

### Chromoly Bent Tabs





## Chromoly Tabs

### Chromoly Mount Brackets



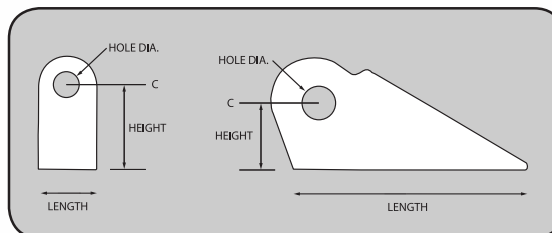
#### CHROMOLY MOUNT BRACKETS

EACH	APPLICATION	THICKNESS	BAG OF (20)
C73-212	MASTER CYLINDER CHROMOLY FLANGE	1/8"	C73-212-20
C73-261	WILWOOD TANDEM MASTER CYL	3/16"	-
C73-266	PRO-WERKS RACK	1/8"	-
C73-267	PRO-WERKS RACK (SHORT)	1/8"	-
C73-268	MASTER CYL SIDE MT	3/16"	-
C73-270	BELL CRANK STEERING ARM	1/4"	-

#### CHROMOLY MOUNT BRACKETS

PACK OF (2)	APPLICATION	THICKNESS	BAG OF (20)
C73-269-2	MASTER CYL SIDE MT, FITS 1" DIA. TUBE	1/8"	-
C73-271-2	FRONT AXLE BRACKET FITS 1-1/2" DIA. TUBE	3/16"	-

### Chromoly Rod End Clevises



#### CHROMOLY ROD END CLEVISES

PACK OF (2)	HOLE DIA.	TUBE SIZE	HEIGHT	LENGTH	INSIDE WIDTH	BAG OF (20)
C73-204-2	3/8"	-	3/4"	2-3/4"	.500"	C73-204-20
C73-205-2	3/8"	3/4"	1-1/8"	3/4"	.500"	C73-205-20
C73-206-2	3/8"	7/8"	1-1/8"	1"	.500"	C73-206-20



## Welding



### Chromoly Drop Box

Each 10# box may contain an assortment of 4130 chromoly round, square, rectangle, and streamline tubing, bar or plate. The individual tubing length varies, maximum length is 12". The drop box is very useful for a variety of projects.

#### DROP BOX

10 # BOX	MATERIAL
C63-001	CHROMOLY



### Aluminum Drop Box

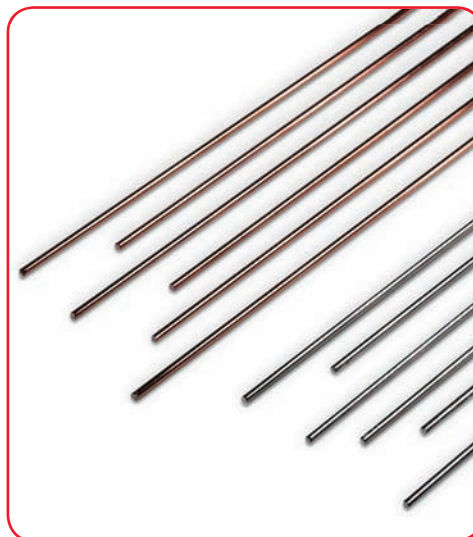
This assortment box of aluminum contains 10# of random pieces of plate, bar or tubing. The aluminum alloy is undetermined. These drop boxes are very useful for a vast variety of projects

#### DROP BOX

10 # BOX	MATERIAL
C63-004	ALUMINUM

### Tech Tip

All welding should be performed by a trained and experienced welder. Parts should be cleaned and prepped before welding.



### Welding Filler Rod

This #65 triple deoxidized filler rod is the choice of many leading chassis builders for chromoly and mild steel tig welding. Aluminum filler rod is available for two different applications.

#### #65 FILLER ROD

BUNDLE	PCS.	SIZE	APPLICATION
C73-002	34	1/16" x 36"	*
C73-004	14	3/32" x 36"	*

\*When properly used, this material is compatible with mild steel to mild steel, chromoly to chromoly, and mild steel to chromoly.

#### ALUMINUM FILLER ROD

BUNDLE	PCS.	SIZE	APPLICATION
C73-006	75	1/16" x 36"	3003 ALUM ALLOYS
C73-007	40	3/32" x 36"	3003 ALUM ALLOYS
C73-008	75	1/16" x 36"	5052, 6061 ALUM ALLOYS, 6061 TO 3003, MOST CASTINGS
C73-009	40	3/32" x 36"	5052, 6061 ALUM ALLOYS, 6061 TO 3003, MOST CASTINGS

### Welder's Handbook



Contains innovative instructions for all types of welding: automotive, aviation, and arts & crafts, as well as home repair. Practical projects and certification test procedures are included. Discusses processes, equipment, safety, and techniques.

#### HANDBOOK

PART #	DESCRIPTION
C80-021	WELDER'S



# ***Lateral Limiter & Torison***



C42-427



C52-100

## ***Lateral Limiter Kits***

Controls engine and transmission movement during hard acceleration or braking. Kit includes 4130 chromoly tubing and mild steel tabs and brackets. This kit is recommended when using motor plates.

### **LATERAL LIMITER KIT**

<b>KIT</b>	<b>DESCRIPTION</b>
C42-427	UNIVERSAL KIT



C42-429

## ***Torsion Bar Kit***

Eliminates body roll for equal traction of both rear tires. Torsion bar is 30" long and may be shortened as needed. CNC machined billet aluminum arm adjuster links are 6-1/2" long center to center and include chromoly rod ends. Kit includes torsion tube, mount tube, tabs, bushings, and hardware.

### **TORSION BAR KIT**

<b>KIT</b>	<b>DESCRIPTION</b>
C52-100	TORSION BAR KIT



C52-105

### **ARM ONLY**

<b>EACH</b>	<b>MATERIAL</b>
C52-105	ALUMINUM

### **LATERAL LIMITER KIT**

<b>KIT</b>	<b>DESCRIPTION</b>
C42-429	9" TO SHORTY GLIDE KIT

### **BRACKET**

<b>EACH</b>	<b>DESCRIPTION</b>
C42-430	SHORTY GLIDE BRACKET ONLY
C42-431	9" BRACKET ONLY



C42-431



C42-430



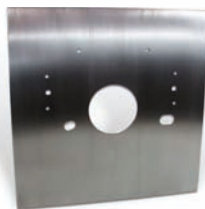
## Motor Plates



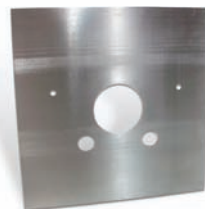
C52-302/C52-303



C52-311/C52-312



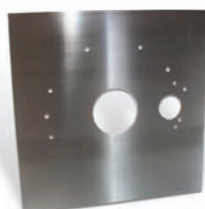
C52-321/C52-322



C52-324/C52-326



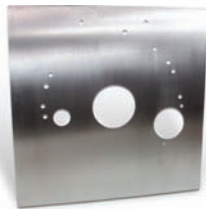
C52-336/C52-337



C52-346/C52-347



C52-356/C52-357



C52-366/C52-367



C52-421



C52-424



C52-436



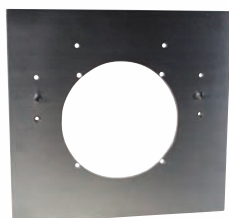
C52-446



C52-456



C52-466



C12-300

### Auto Adapter Plate

This aluminum plate adapts Chevy Powerglide Turbo 350 or 400 transmissions to a VW air-cooled engine. Includes transmission dowel pins to ensure accurate alignment. Measures 1/4" thick, 18-1/2" tall, and 20" wide.

#### AUTO ADAPTER PLATE

EACH	DESCRIPTION
C12-300	AUTO ADPT PLATE

### Mid Motor Plate

Made from precision CNC machined 6061-T6 aluminum, these plates may be trimmed to fit your particular application.

#### MID MOTOR PLATES

EACH	APPLICATION	H x W x THK
C52-302	BLANK	24" x 24" x 1/4"
C52-311	CENTER HOLE ONLY	24" x 24" x 1/4"
C52-321*	SB & BB CHEVY BOLT PATTERN	24" x 24" x 1/4"
C52-324**	UNIVERSAL	24" x 24" x 1/4"
C52-336*	SB MOPAR BOLT PATTERN	24" x 24" x 1/4"
C52-346*	BB MOPAR BOLT PATTERN	24" x 24" x 1/4"
C52-356*	SB FORD BOLT PATTERN	24" x 24" x 1/4"
C52-366*	BB FORD BOLT PATTERN	24" x 24" x 1/4"
C52-303	BLANK	24" x 24" x 3/8"
C52-312	CENTER HOLE ONLY	24" x 24" x 3/8"
C52-322*	SB & BB CHEVY BOLT PATTERN	24" x 24" x 3/8"
C52-326**	UNIVERSAL	24" x 24" x 3/8"
C52-337*	SB MOPAR BOLT PATTERN	24" x 24" x 3/8"
C52-347*	BB MOPAR BOLT PATTERN	24" x 24" x 3/8"
C52-357*	SB FORD BOLT PATTERN	24" x 24" x 3/8"
C52-367*	BB FORD BOLT PATTERN	24" x 24" x 3/8"
C52-421*	SB & BB CHEVY BOLT PATTERN	24" x 36" x 1/4"
C52-424**	UNIVERSAL	24" x 36" x 1/4"
C52-436*	SB MOPAR BOLT PATTERN	24" x 36" x 1/4"
C52-446*	BB MOPAR BOLT PATTERN	24" x 36" x 1/4"
C52-456*	SB FORD BOLT PATTERN	24" x 36" x 1/4"
C52-466*	BB FORD BOLT PATTERN	24" x 36" x 1/4"

\*Includes dowel pin locations and starter hole.

\*\*Includes chevy dowel pin locations.



## ***Motor Plates***



C52-500



C52-501



C52-505



C52-506



C52-510



C52-515



C52-520

### ***Front Motor Plate***

Provides increased chassis strength. Allows easy engine installation and removal. Plate is precision CNC machined from 6061-T6 aluminum, and includes water passages. May be trimmed to fit your application.

#### **FRONT MOTOR PLATE**

<b>EACH</b>	<b>APPLICATION</b>	<b>MOUNTING LOCATION</b>	<b>H x W x THK</b>
C52-500	SMALL BLOCK CHEVY	BLOCK TO PUMP	11" x 36" x 1/4"
C52-501	BIG BLOCK CHEVY	BLOCK TO PUMP	11" x 36" x 1/4"
C52-505	SMALL BLOCK MOPAR	PUMP TO COVER	11" x 36" x 1/4"
C52-506	BIG BLOCK MOPAR	BLOCK TO PUMP	11" x 36" x 1/4"
C52-510	SMALL BLOCK FORD	PUMP TO COVER	11" x 36" x 1/4"
C52-515	BIG BLOCK FORD	PUMP TO COVER	11" x 36" x 1/4"
C52-520	CLEVELAND FORD	PUMP TO COVER	11" x 36" x 1/4"

### ***Tech Tip***

**MANY RACE CAR BUILDERS** prefer to secure motor plates using floating saddle mounts and stainless steel t-bolt clamps featured on page 24.



# Motor Plates, Mounts & Clamps



(A)



(B)

## Profiled Mid Motor Plate

Designed to work with Pro-werks Profiled Front Motor Plates, this mid plate is ready to install. Available for either 1-1/4" or 1-1/2" diameter frame rails, plate has 19-1/2" centers on frame rail notches. Includes dowel pin locations and starter hole. Universal includes chevy dowel pin locations.

### MID MOTOR PLATE

REF	PART #	APPLICATION	NOTCH
(A)	C52-400	1/4" THICK UNIVERSAL	1-1/4"
(A)	C52-401	3/8" THICK UNIVERSAL	1-1/4"
(A)	C52-405	1/4" THICK UNIVERSAL	1-1/2"
(A)	C52-406	3/8" THICK UNIVERSAL	1-1/2"
(B)	C52-410	1/4" THICK SB/BB CHEVY	1-1/4"
(B)	C52-411	3/8" THICK SB/BB CHEVY	1-1/4"
(B)	C52-415	1/4" THICK SB/BB CHEVY	1-1/2"
(B)	C52-416	3/8" THICK SB/BB CHEVY	1-1/2"



C52-550/C52-551



C52-555/C52-556

## Profiled Front Motor Plate

Plate is ready to install and is complete with holes for chassis tabs. Notched at 1-3/8" diameter to accept floating saddle or direct mounts, plate has 19-1/2" centers on frame rail notches.

### FRONT MOTOR PLATE

EACH	APPLICATION
C52-550	1/4" THICK SB CHEVY
C52-551	3/8" THICK SB CHEVY
C52-555	1/4" THICK BB CHEVY
C52-556	3/8" THICK BB CHEVY



## Floating Saddle Mount

This all chromoly constructed mount is tig welded. Clamps are sold separately; see Pro-werks Stainless Steel Clamp at bottom.

### SADDLE MOUNT

EACH	SIZE	USES CLAMP
C73-321	FITS 1" DIA.	C73-303
C73-322	FITS 1-1/8" DIA.	C73-304
C73-323	FITS 1-1/4" DIA.	C73-304
C73-324	FITS 1-3/8" DIA.	C73-306
C73-325	FITS 1-1/2" DIA.	C73-307
C73-326	FITS 1-5/8" DIA.	C73-307



## Stainless Steel Clamp

Positive grip band clamps are ideal for floating saddle mounts, add-on brackets, or hose sealing. Fine thread t-bolt includes self-locking nut. Two clamps recommended for most applications.

### BAND CLAMP

EACH	SIZE	CLAMP RANGE
C73-303	1.125" DIA.	1" TO 1-3/16"
C73-304	1.312" DIA.	1-1/4" TO 1-7/16"
C73-306	1.5" DIA.	1-7/16" TO 1-5/8"
C73-307	1.625" DIA.	1-1/2" TO 1-7/8"





## Precision Components for Professional Fabrication



### Wheel Spacers

Hard-anodized 6061-T6 billet aluminum wheel spacers are CNC machined for accuracy. Available in either 1/4" or 1/2" thick.

#### WHEEL SPACERS

PACK OF (2)	THICKNESS	BOLT PATTERNS	HOLE DIA.	CENTER HOLE I.D.
C44-001*	1/4"	5 ON 4-1/2", 4-3/4" & 5"	.702"	3-1/16"
C44-003*	1/2"	5 ON 4-1/2", 4-3/4" & 5"	.702"	3-1/16"
C44-005*	1/4"	5 ON 5-1/2" "FLOATER TYPE"	.702"	3-1/2"
C44-007*	1/2"	5 ON 5-1/2" "FLOATER TYPE"	.702"	3-1/2"
C44-013*	1/4"	5 ON 135mm & 5-1/2"	.702"	4-1/4"
C44-015*	1/2"	5 ON 135mm & 5-1/2"	.702"	4-1/4"
C44-017	1/4"	6 ON 5-1/2"	.531"	4-1/4"
C44-019	1/2"	6 ON 5-1/2"	.531"	4-1/4"
C44-021	1/4"	8 ON 170mm & 6-1/2"	.578"	5-1/8"
C44-023	1/2"	8 ON 170mm & 6-1/2"	.578"	5-1/8"

\*Requires stud bushing if using 1/2" diameter studs

### Wheels



### Stud Bushings

These steel bushings reduce wheel spacers with .702" diameter holes. For applications using 1/2" diameter studs.

#### STUD BUSHINGS

PACK OF (10)	THICKNESS	I.D.
C44-010	1/4"	1/2"
C44-011	1/2"	1/2"

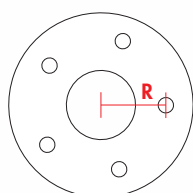


### Housing Ends

These 1026 DOM housing ends permit the use of larger outer bearings when narrowing your rear end housing.

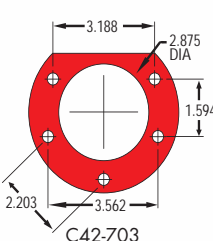
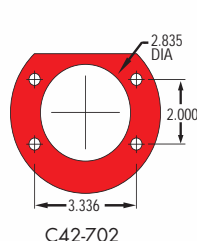
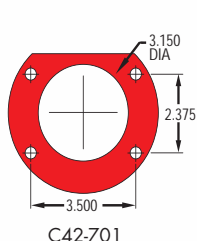
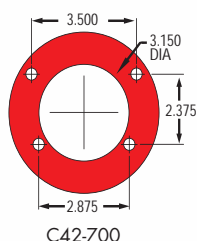
#### HOUSING ENDS

PACK OF (2)	TYPE	BORE
C42-700	OLDS/PONTIAC	3.150"
C42-701	BIG FORD, OLD STYLE	3.150"
C42-702	SMALL FORD	2.835"
C42-703	MOPAR/DANA	2.875"



Bolt Pattern = Radius x 2.

Radius is measured from center of spacer to center of stud hole.





# Left Hand Tube Adapters

## Left Hand Round Tube Adapters

These weld-in threaded left hand tube adapters are CNC machined from 4130 chromoly to precise tolerances.



Left Hand tube adapters are marked with grooves for easy identification during assembly.



## Left Hand Hex Tube Adapters

These weld-in threaded left hand hex tube adapters are CNC machined from 4130 chromoly to precise tolerances. Ideal for quick and easy adjustments of linkage rods. Hex option only available in the tube sizes listed below with left hand threads.

### LEFT HAND ROUND TUBE ADAPTERS

PACK OF (2)	FITS TUBE SIZE	THREAD SIZE	BAG OF (20)	DIAGRAM PAGE 27		
				A	B	C
C73-801-2	5/16" O.D.	10-32	C73-801-20	.510	.415	.320*
C73-807-2	3/8" O.D.	10-32	C73-807-20	.510	.415	.380*
C73-813-2	1/2" O.D. x .058"	1/4-28	C73-813-20	.510	.415	.382
C73-819-2	5/8" O.D. x .058"	5/16-24	C73-819-20	.510	.415	.507
C73-821-2	5/8" O.D. x .058"	3/8-24	C73-821-20	.510	.415	.507
C73-835-2	3/4" O.D. x .058"	5/16-24	C73-835-20	.65	.55	.632
C73-837-2	3/4" O.D. x .058"	3/8-24	C73-837-20	.65	.55	.632
C73-839-2	3/4" O.D. x .058"	7/16-20	C73-839-20	.65	.55	.632
C73-841-2	3/4" O.D. x .065"	5/16-24	C73-841-20	.65	.55	.618
C73-843-2	3/4" O.D. x .065"	3/8-24	C73-843-20	.65	.55	.618
C73-845-2	3/4" O.D. x .065"	7/16-20	C73-845-20	.65	.55	.618
C73-859-2	7/8" O.D. x .058"	3/8-24	C73-859-20	.79	.56	.757
C73-861-2	7/8" O.D. x .058"	7/16-20	C73-861-20	.79	.56	.757
C73-863-2	7/8" O.D. x .058"	1/2-20	C73-863-20	.79	.56	.757
C73-865-2	7/8" O.D. x .065"	3/8-24	C73-865-20	.79	.56	.743
C73-867-2	7/8" O.D. x .065"	7/16-20	C73-867-20	.79	.56	.743
C73-869-2	7/8" O.D. x .065"	1/2-20	C73-869-20	.79	.56	.743
C73-871-2	7/8" O.D. x .083"	3/8-24	C73-871-20	.79	.56	.707
C73-873-2	7/8" O.D. x .083"	7/16-20	C73-873-20	.79	.56	.707
C73-875-2	7/8" O.D. x .083"	1/2-20	C73-875-20	.79	.56	.707
C73-885-2	1" O.D. x .058"	3/8-24	C73-885-20	.92	.78	.882
C73-887-2	1" O.D. x .058"	7/16-20	C73-887-20	.92	.78	.882
C73-889-2	1" O.D. x .058"	1/2-20	C73-889-20	.92	.78	.882
C73-891-2	1" O.D. x .058"	5/8-18	C73-891-20	.92	.78	.882
C73-893-2	1" O.D. x .065"	3/8-24	C73-893-20	.92	.78	.868
C73-895-2	1" O.D. x .065"	7/16-20	C73-895-20	.92	.78	.868
C73-897-2	1" O.D. x .065"	1/2-20	C73-897-20	.92	.78	.868
C73-899-2	1" O.D. x .065"	5/8-18	C73-899-20	.92	.78	.868
C73-903-2	1" O.D. x .083"	7/16-20	C73-903-20	.92	.78	.832
C73-905-2	1" O.D. x .083"	1/2-20	C73-905-20	.92	.78	.832
C73-907-2	1" O.D. x .083"	5/8-18	C73-907-20	.92	.78	.832
C73-917-2	1-1/8" O.D. x .058"	1/2-20	C73-917-20	1.0	.75	1.007
C73-919-2	1-1/8" O.D. x .058"	5/8-18	C73-919-20	1.0	.75	1.007
C73-923-2	1-1/8" O.D. x .065"	1/2-20	C73-923-20	1.0	.75	.993
C73-925-2	1-1/8" O.D. x .065"	5/8-18	C73-925-20	1.0	.75	.993
C73-927-2	1-1/8" O.D. x .065"	3/4-16	C73-927-20	1.0	.75	.993
C73-929-2	1-1/8" O.D. x .083"	1/2-20	C73-929-20	1.0	.75	.957
C73-931-2	1-1/8" O.D. x .083"	5/8-18	C73-931-20	1.0	.75	.957
C73-933-2	1-1/8" O.D. x .083"	3/4-16	C73-933-20	1.0	.75	.957
C73-941-2	1-1/4" O.D. x .095"	5/8-18	C73-941-20	1.0	.75	1.058
C73-943-2	1-1/4" O.D. x .095"	3/4-16	C73-943-20	1.0	.75	1.058
C73-945-2	1-1/4" O.D. x .120"	5/8-18	C73-945-20	1.0	.75	1.008
Hex Only	1-1/4" O.D. x .120"	3/4-16	-	-	-	-
C73-949-2	1-3/8" O.D. x .095"	5/8-18	C73-949-20	1.12	.75	1.183
Hex Only	1-3/8" O.D. x .095"	3/4-16	-	-	-	-
C78-101-2	1-3/8" O.D. x .120"	7/8-14	C78-101-20	1.12	.75	1.133
C78-105-2	1-1/2" O.D. x .120"	7/8-14	C78-105-20	1.12	.75	1.258
	1-3/4" O.D. x .120"		C78-113-20	1.813	.75	1.508

### LEFT HAND HEX TUBE ADAPTERS

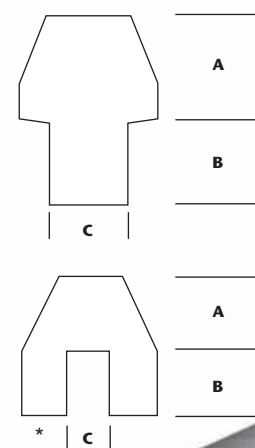
PACK OF (2)	FITS TUBE SIZE	THREAD SIZE	BAG OF (20)	DIAGRAM PAGE 27		
				A	B	C
C73-837-H-2	3/4" O.D. x .058"	3/8-24	C73-837-H-20	.925	.525	.632
C73-859-H-2	7/8" O.D. x .058"	3/8-24	C73-859-H-20	1.26	.525	.757
C73-861-H-2	7/8" O.D. x .058"	7/16-20	C73-861-H-20	1.26	.525	.757
C73-863-H-2	7/8" O.D. x .058"	1/2-20	C73-863-H-20	1.26	.525	.757
C73-889-H-2	1" O.D. x .058"	1/2-20	C73-889-H-20	1.30	.775	.882
C73-943-H-2	1-1/4" O.D. x .095"	3/4-16	C73-943-H-20	1.375	.75	1.058
C73-947-H-2	1-1/4" O.D. x .120"	3/4-16	C73-947-H-20	1.375	.75	1.008
C73-951-H-2	1-3/8" O.D. x .095"	3/4-16	C73-951-H-20	1.375	.75	1.183



# Right Hand Tube Adapters

## Right Hand Round Tube Adapters

These weld-in threaded tube adapters are perfect for construction of linkage and suspension components. Adapters are CNC machined 4130 chromoly to precise tolerances with a jewelry quality finish.



RIGHT HAND ROUND TUBE ADAPTERS						
PACK OF (2)	FITS TUBE SIZE	THREAD SIZE	BAG OF (20)	DIAGRAM BELOW		
				A	B	C
C73-800-2	5/16" O.D.	10-32	C73-800-20	.510	.415	.320*
C73-806-2	3/8" O.D.	10-32	C73-806-20	.510	.415	.380*
C73-812-2	1/2" O.D. x .058"	1/4-28	C73-812-20	.510	.415	.382
C73-818-2	5/8" O.D. x .058"	5/16-24	C73-818-20	.510	.415	.507
C73-820-2	5/8" O.D. x .058"	3/8-24	C73-820-20	.510	.415	.507
C73-834-2	3/4" O.D. x .058"	5/16-24	C73-834-20	.65	.55	.632
C73-836-2	3/4" O.D. x .058"	3/8-24	C73-836-20	.65	.55	.632
C73-838-2	3/4" O.D. x .058"	7/16-20	C73-838-20	.65	.55	.632
C73-840-2	3/4" O.D. x .065"	5/16-24	C73-840-20	.65	.55	.618
C73-842-2	3/4" O.D. x .065"	3/8-24	C73-842-20	.65	.55	.618
C73-844-2	3/4" O.D. x .065"	7/16-20	C73-844-20	.65	.55	.618
C73-858-2	7/8" O.D. x .058"	3/8-24	C73-858-20	.79	.56	.757
C73-860-2	7/8" O.D. x .058"	7/16-20	C73-860-20	.79	.56	.757
C73-862-2	7/8" O.D. x .058"	1/2-20	C73-862-20	.79	.56	.757
C73-864-2	7/8" O.D. x .065"	3/8-24	C73-864-20	.79	.56	.743
C73-866-2	7/8" O.D. x .065"	7/16-20	C73-866-20	.79	.56	.743
C73-868-2	7/8" O.D. x .065"	1/2-20	C73-868-20	.79	.56	.743
C73-870-2	7/8" O.D. x .083"	3/8-24	C73-870-20	.79	.56	.707
C73-872-2	7/8" O.D. x .083"	7/16-20	C73-872-20	.79	.56	.707
C73-874-2	7/8" O.D. x .083"	1/2-20	C73-874-20	.79	.56	.707
C73-884-2	1" O.D. x .058"	3/8-24	C73-884-20	.92	.78	.882
C73-886-2	1" O.D. x .058"	7/16-20	C73-886-20	.92	.78	.882
C73-888-2	1" O.D. x .058"	1/2-20	C73-888-20	.92	.78	.882
C73-890-2	1" O.D. x .058"	5/8-18	C73-890-20	.92	.78	.882
C73-892-2	1" O.D. x .065"	3/8-24	C73-892-20	.92	.78	.868
C73-894-2	1" O.D. x .065"	7/16-20	C73-894-20	.92	.78	.868
C73-896-2	1" O.D. x .065"	1/2-20	C73-896-20	.92	.78	.868
C73-898-2	1" O.D. x .065"	5/8-18	C73-898-20	.92	.78	.868
C73-902-2	1" O.D. x .083"	7/16-20	C73-902-20	.92	.78	.832
C73-904-2	1" O.D. x .083"	1/2-20	C73-904-20	.92	.78	.832
C73-906-2	1" O.D. x .083"	5/8-18	C73-906-20	.92	.78	.832
C73-916-2	1-1/8" O.D. x .058"	1/2-20	C73-916-20	1.0	.75	1.007
C73-918-2	1-1/8" O.D. x .058"	5/8-18	C73-918-20	1.0	.75	1.007
C73-922-2	1-1/8" O.D. x .065"	1/2-20	C73-922-20	1.0	.75	.993
C73-924-2	1-1/8" O.D. x .065"	5/8-18	C73-924-20	1.0	.75	.993
C73-926-2	1-1/8" O.D. x .065"	3/4-16	C73-926-20	1.0	.75	.993
C73-928-2	1-1/8" O.D. x .083"	1/2-20	C73-928-20	1.0	.75	.957
C73-930-2	1-1/8" O.D. x .083"	5/8-18	C73-930-20	1.0	.75	.957
C73-932-2	1-1/8" O.D. x .083"	3/4-16	C73-932-20	1.0	.75	.957
C73-940-2	1-1/4" O.D. x .095"	5/8-18	C73-940-20	1.0	.75	1.058
C73-942-2	1-1/4" O.D. x .095"	3/4-16	C73-942-20	1.0	.75	1.058
C73-944-2	1-1/4" O.D. x .120"	5/8-18	C73-944-20	1.0	.75	1.008
C73-946-2	1-1/4" O.D. x .120"	3/4-16	C73-946-20	1.0	.75	1.008
C73-948-2	1-3/8" O.D. x .095"	5/8-18	C73-948-20	1.12	.75	1.183
C73-950-2	1-3/8" O.D. x .095"	3/4-16	C73-950-20	1.12	.75	1.183
C78-100-2	1-3/8" O.D. x .120"	7/8-14	C78-100-20	1.12	.75	1.133
C78-104-2	1-1/2" O.D. x .120"	7/8-14	C78-104-20	1.12	.75	1.258
C78-112-2	1-3/4" O.D. x .120"	1-1/4-12	C78-112-20	1.313	.75	1.508



### Slot Clevises

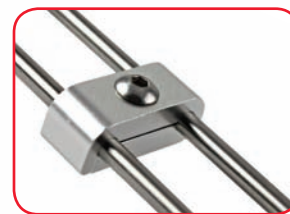
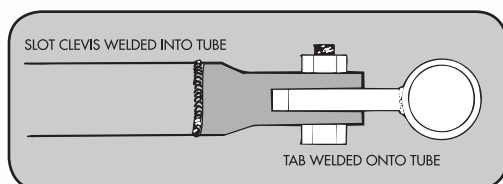
Weld-in slot clevises, made from 4130 chromoly, assist in overcoming many fabrication obstacles. Available for tubing sizes 1/2" to 1-3/4" with all appropriate holes and slots.

#### SLOT CLEVISES

PACK OF (2)	FITS TUBE SIZE	SLOT	HOLE	BAG OF (20)
C73-962-2	1/2" O.D. x .058"	1/8"	1/4"	C73-962-20
C73-964-2	5/8" O.D. x .058"	1/8"	5/16"	C73-964-20
C73-965-2	3/4" O.D. x .058"	3/16"	5/16"	C73-965-20
C73-966-2	3/4" O.D. x .058"	3/16"	3/8"	C73-966-20
C73-970-2	7/8" O.D. x .058"	3/16"	3/8"	C73-970-20
C73-976-2	1" O.D. x .058"	3/16"	3/8"	C73-976-20
C73-978-2	1" O.D. x .058"	1/4"	3/8"	C73-978-20
C73-987-2	1-1/8" O.D. x .058"	1/4"	3/8"	C73-987-20
C73-995-2	1-1/2" O.D. x .120"	1/2"	1/2"	C73-995-20
C73-997-2	1-3/4" O.D. x .120"	5/8"	5/8"	C73-997-20

#### SLOT CLEVIS/QUICK PIN CROSS REFERENCE

SLOT CLEVIS	QUICK PIN
C73-962	C73-350
C73-964	C73-355
C73-965	C73-355
C73-966	C73-360
C73-970	C73-360
C73-976	C73-360
C73-978	C73-360
C73-987	C73-361



### Line Clamps

Pro-Grip Single and Dual Line Clamps make a secure and clean installation easy and reliable. Billet aluminum Silver anodized clamps come in four variations: Single or Dual Line, and available for 1/4" and 3/16" diameter lines. Clamps come complete with fasteners and also work great for wiring installations and other clamping requirements.

#### SINGLE LINE CLAMPS

PACK OF (6)	SIZE
C73-423	#3 HARD LINE 3/16" ID
C73-428	#4 HARD LINE 1/4" ID

#### DUAL LINE CLAMPS

PACK OF (3)	SIZE
C73-433	#3 HARD LINE 3/16" ID
C73-438	#4 HARD LINE 1/4" ID



### Threaded Slot Clevises

These clevises, with their threaded shank, offer maximum adjustability.

#### THREADED SLOT CLEVISES

PACK OF (2)	THREAD SIZE	SLOT	HOLE	MATERIAL
C73-491-2	10-32 RH	1/8"	3/16"	STAINLESS
C73-493-2	1/4-28 RH	1/8"	3/16"	STAINLESS
C73-494-2	3/8-24 RH	3/16"	5/16"	4130
C73-496-2	1/2-20 RH	1/4"	3/8"	4130

## Quick Pins and Bushings



### Quick Pins

Zinc plated steel quick pins allow for easy removal and installation of sidebars, radiator mounts, cross members, and wheelie bars. For slot clevis see chart on page 28.



### High Misalignment Bushings

These 304 stainless steel bushings double as a spacer and increase the misalignment capabilities of rod ends. Using bushing reduces size of ball hole. Will not fit "COM" series rod inserts.

#### QUICK PINS

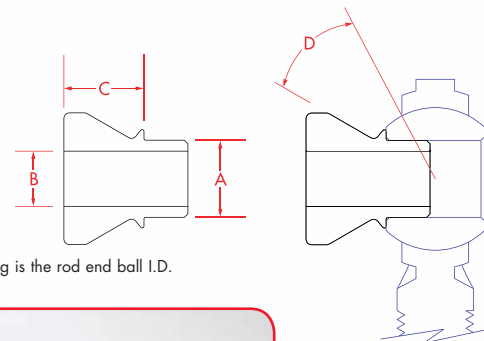
PACK OF (2)	DIA. x GRIP	FITS SLOT CLEVIS
C73-350-2*	1/4 x .500"	C73-962-2
C73-351-2	1/4 x .800"	-
C73-352-2	1/4 x 1"	-
C73-353-2	1/4 x 1.3"	-
C73-354-2	1/4 x 1.5"	-
C73-355-2*	5/16 x .800"	C73-964-2 C73-965-2
C73-356-2	5/16 x 1"	-
C73-357-2	5/16 x 1.3"	-
C73-358-2	5/16 x 1.5"	-
C73-360-2*	3/8 x .800"	C73-966-2 C73-970-2 C73-976-2 C73-978-2 C73-987-2
C73-361-2*	3/8 x 1"	-
C73-362-2	3/8 x 1.3"	-
C73-363-2	3/8 x 1.5"	-
C73-364-2	3/8 x 2"	-

\* Fits Pro-werks style slot clevis.

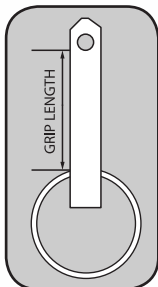
#### HIGH MISALIGNMENT BUSHINGS

PACK OF (2)	O.D.	I.D.	HEIGHT	DEGREE OF MISALIGNMENT	BAG OF (20)
C78-010-2	5/8"	1/2"	1/4"	25	C78-010-20
C78-011-2	3/4"	1/2"	1/4"	25	C78-011-20
C78-012-2	3/4"	1/2"	1/2"	25	C78-012-20
C78-016-2	3/4"	5/8"	1/2"	22	C78-016-20
C78-013-2	7/8"	5/8"	5/8"	21	C78-013-20
C78-014-2	1"	5/8"	3/4"	33	C78-014-20
C78-015-2	1"	3/4"	3/4"	28	C78-015-20

A = OD  
B = ID  
C = HEIGHT  
D = DEGREE OF MISALIGNMENT



Note - OD of bushing is the rod end ball I.D.







## Bearing Accesories



### Uni-Ball Weld Cups

Uni-Ball Weld Cups offer the perfect solution for installing spherical bearings in many performance applications. These precision Cups are CNC machined 4130 Chromoly Steel and accepts most popular bearing inserts. They are easily weldable making installation secure and reliable. Includes clip.

#### UNI-BALL WELD CUPS

EACH	DESCRIPTION
C73-440	FITS 13/16" O.D. ROD END INSERT
C73-441	FITS 1" O.D. ROD END INSERT
C73-442	FITS 1-3/16" O.D. ROD END INSERT
C73-443	FITS 1-7/16" O.D. ROD END INSERT

PACK OF (2)	REPLACEMENT CLIPS
C73-450-2	FOR C73-440
C73-451-2	FOR C73-441
C73-452-2	FOR C73-442
C73-453-2	FOR C73-443

### Seals It Washers

Extends rod end life by sealing out dust and foreign debris. Fits any style of rod end. All sizes are .063" thick.

#### SEALS IT WASHERS

PACK OF (2)	DESCRIPTION
C73-473-2	5/16 ROD END
C73-474-2	3/8 ROD END
C73-475-2	7/16 ROD END
C73-476-2	1/2 ROD END
C73-477-2	5/8 ROD END
C73-478-2	3/4 ROD END



### Safety Washers

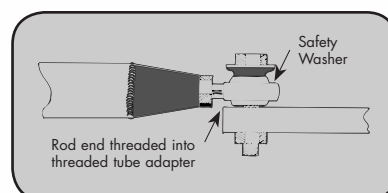
Precision-machined mild steel is gold zinc-plated for long lasting corrosion resistance. Radius under cut design allows for increased rod end misalignment angle.

#### SAFETY WASHERS

PACK OF (2)	I.D.	O.D.	THICKNESS	BAG OF (20)
C73-463-2	5/16" ROD END	7/8"	.170"	C73-463-20
C73-464-2	3/8" ROD END	1"	.200"	C73-464-20
C73-465-2	7/16" ROD END	1-1/8"	.220"	C73-465-20
C73-466-2	1/2" ROD END	1-1/4"	.220"	C73-466-20
C73-467-2	5/8" ROD END	1-3/8"	.250"	C73-467-20
C73-468-2	3/4" ROD END	1-5/8"	.330"	C73-468-20



Example of seal installed.



# Nuts and Washers

## Nylock Nuts

Plated steel grade 5 with nylon insert provides a right hand UNF thread friction grip.



HALF HEIGHT



FULL HEIGHT

### HALF HEIGHT NYLOCK NUTS

**PACK  
OF (6)** **THREAD**

C73-032 1/4-28  
C73-034 5/16-24  
C73-036 3/8-24  
C73-038 7/16-20  
C73-040 1/2-20

### FULL HEIGHT NYLOCK NUTS

**PACK  
OF (6)** **THREAD**

C73-031 10-32  
C73-033 1/4-28  
C73-035 5/16-24  
C73-037 3/8-24  
C73-039 7/16-20  
C73-041 1/2-20

**PACK  
OF (4)** **THREAD**

C73-043 5/8-18  
C73-045 3/4-16



## Jam Nuts

Plated steel grade 5 jam nuts provide a positive lock on final adjustments.

### LEFT HAND JAM NUTS

**PACK  
OF (6)** **THREAD**

C73-053 1/4-28  
C73-055 5/16-24  
C73-057 3/8-24  
C73-059 7/16-20  
C73-061 1/2-20

**PACK  
OF (4)** **THREAD**

C73-063 5/8-18  
C73-065 3/4-16

### RIGHT HAND JAM NUTS

**PACK  
OF (6)** **THREAD**

C73-050 10-32  
C73-052 1/4-28  
C73-054 5/16-24  
C73-056 3/8-24  
C73-058 7/16-20  
C73-060 1/2-20

**PACK  
OF (4)** **THREAD**

C73-062 5/8-18  
C73-064 3/4-16



## AN Washers

Small outside diameter flat washers are cadmium plated soft carbon steel. Washers measure .063" thick.

### AN WASHERS

**PACK  
OF (100)** **SIZE** **I.D.** **O.D.**

C73-010 3/16" .203" .438"  
C73-011 1/4" .265" .500"  
C73-012 5/16" .328" .562"  
C73-013 3/8" .390" .625"  
C73-014 7/16" .453" .750"  
C73-015 1/2" .515" .875"



## Steering



### Rack-N-Pinion

These lightweight, quality steering boxes are precision machined from high strength steel gears and billet aluminum housing. They are fitted with self-lubricating bronze bearings, pinion seal, and nylon reinforced neoprene boots. **Chromoly 4130 N coupler included.**

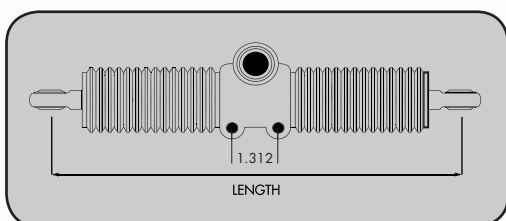
#### Tech Tip

Choosing the right steering ratio for your application:

**12:1** Fast Ratio- Dragsters & Sand Buggies  
**15:1** Medium Ratio- Roadsters & Altered  
**20:1** Slow Ratio- Bonneville & High Speed

#### VERTICAL RACK-N-PINION

EACH	DESCRIPTION	ROD END BOLT CENTERLINE	ROD ENDS	RATIO	TOTAL PINION ROTATION	TOTAL RACK TRAVEL	LENGTH	SPLINED COUPLER	WEIGHT
C42-336	RACK-N-PINION (JR. DRAGSTER)	VERTICAL	5/16"	12:1	1-1/8 TURNS	3"	8-1/2"	5/8"-36	1.96#
C42-339	RACK-N-PINION	VERTICAL	3/8"	12:1	1-3/4 TURNS	4-1/2"	11-1/4"	5/8"-36	2.34#
C42-341	RACK-N-PINION (LIGHTWEIGHT, ALL ALUM)	VERTICAL	3/8"	12:1	1-3/4 TURNS	4-1/2"	11-1/4"	5/8"-36	1.54#
C42-344	RACK-N-PINION	VERTICAL	3/8"	15:1	2-1/4 TURNS	4-3/4"	11-1/4"	5/8"-36	2.50#
C42-348	RACK-N-PINION	VERTICAL	3/8"	20:1	2-3/4 TURNS	4-3/4"	11-1/4"	9/16"-26	2.50#
C42-352	(2) REPL BOOTS W/ (4) WIRES	-	-	-	-	-	-	-	-
C42-353	SPLINED COUPLER	-	-	-	-	-	1.375"	5/8"-36	-
C42-354	SPLIT BOLT COUPLER	-	-	-	-	-	1.29"	9/16"-26	-



Horizontal is for suspended or rigid applications.



Vertical is only for rigid applications.

#### HORIZONTAL RACK-N-PINION

EACH	DESCRIPTION	ROD END BOLT CENTERLINE	ROD ENDS	RATIO	TOTAL PINION ROTATION	TOTAL RACK TRAVEL	LENGTH	SPLINED COUPLER	WEIGHT
C42-340	RACK-N-PINION	HORIZONTAL	3/8"	12:1	1-3/4 TURNS	4-1/2"	11-1/4"	5/8"-36	2.34#



## Precision Components for Professional Fabrication

### Steering

#### Fast Ratio Rack-N-Pinion

The ultra fast action of this rack-n-pinion is designed for small oval track or mini baja applications. Precision machined from high strength steel and billet aluminum. **Chromoly 4130 N coupler included.**



##### FAST RATIO RACK-N-PINION

PART #	DESCRIPTION	ROD END BOLT CENTERLINE	ROD ENDS	RATIO	TOTAL PINION ROTATION	TOTAL RACK TRAVEL	SPLINED LENGTH	COUPLER	WEIGHT
C42-334	RACK-N-PINION	HORIZONTAL	3/8"	6.4:1	7/8 TURN	4-1/2"	11-1/4"	5/8"-36	2.74#
C42-352	(2) REPL BOOTS W/ (4) WIRES	-	-	-	-	-	-	-	-
C42-353	SPLINED COUPLER	-	-	-	-	-	-	5/8"-36	-

#### Dwarf Rack-N-Pinion

This compact heavy duty rack is machined from aircraft billet aluminum with chromoly rack. Features aluminum clevises. Versatile mounting allows for many applications. Front steer application only. **Chromoly 4130 N coupler included.**



##### DWARF RACK-N-PINION

PART #	DESCRIPTION	ROD END BOLT CENTERLINE	ROD ENDS	RATIO	TOTAL PINION ROTATION	TOTAL RACK TRAVEL	SPLINED LENGTH	COUPLER	WEIGHT
C42-330	RACK-N-PINION	HORIZONTAL	1/2"	10:1	1-1/4 TURNS	3-7/8"	15"	5/8"-36	6.5#
C42-356	(2) REPL BOOTS W/ (4) WIRES	-	-	-	-	-	-	-	-
C42-355	SPLIT BOLT COUPLER	-	-	-	-	-	-	5/8"-36	-



#### Tie Rod Tube Kit

To be used with Rack-N-Pinion. Includes rod ends and fasteners.

##### TIE ROD TUBE KIT

PART #	TUBES	ROD ENDS
C42-420	(2) 3/4" DIA. x 18" L	(2) 3/8"
C42-421	(2) 7/8" DIA. x 20" L	(2) 7/16"



## Steering Box

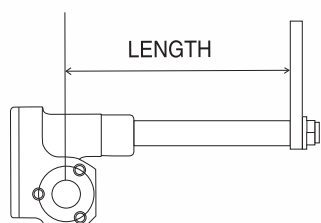


### Funny Car Box

Billet aluminum housing provides superior strength and durability. Ideal for front engine applications such as altered, roadsters, and funny cars. Includes 5/8"-36 splined coupler and pitman arm. Total pinion rotation is 2-1/3 turns, 6-3/8" drag link movement.

#### FUNNY CAR BOX

EACH	DESCRIPTION	LENGTH
C42-390	STANDARD	12-1/4"
C42-391	LONG	14-3/8"
C42-353	SPLINED COUPLER	5/8"-36
C42-395	PITMAN ARM	5"



### Pro Box

The Pro Box is designed to replace the early Ford Pinto rack-n-pinion for new car construction. Polished aircraft billet aluminum with chromoly rack. Total rack travel of 4-3/4" with 3 turns at the pinion. Accepts 7/16" rod ends. The steering ratio is 20:1. Coupler included.

#### PRO-BOX

EACH	DESCRIPTION
C42-332	PRO BOX 9/16" - 26 SPLINE
C42-403	COUPLER 9/16" - 26 SPLINE X 3/4" BORED
KIT	DESCRIPTION
C42-357	(2) REPL BOOTS W/ (4) SPRINGS



C73-262

C73-263

### Chromoly Funny Car Box Mounts

This weld-on chromoly bracket is 1/8" thick and is notched to accept a 1-1/8" diameter tube. For SPE box only. Do not fit Pro-Werks funny car box listed at left.

#### SPE BOX MOUNT

EACH	DESCRIPTION
C73-262	TOP MT.
C73-263	BOTTOM MT.

SOLD INDIVIDUALLY



C73-262



C73-263

## ***Pinto Rack-N-Pinion***



C42-404

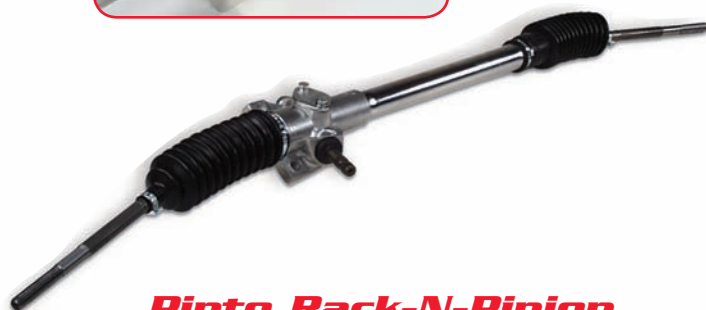
C42-405

### ***Pinto Rack Bracket***

Billet CNC machined aluminum bracket provides mounting of OEM style Pinto Rack-N-Pinion.

#### **PINTO RACK BRACKET**

<b>PART #</b>	<b>DESCRIPTION</b>
C42-404	BRACKET ONLY
C42-405	BRACKET WITH WELD-ON MOUNTS



### ***Pinto Rack-N-Pinion***

This chrome unit is a direct replacement for a pinto rack. Spline is 9/16"-26 with 3-7/8" turns at the pinion. Total rack travel of 5.25" with 3.75 turns lock to lock. Coupler not included. Front steer application only. Ratio 24.74:1

#### **PINTO RACK-N-PINION**

<b>EACH</b>	<b>DESCRIPTION</b>
C42-400	PINTO RACK-N-PINION
C42-403	COUPLER 9/16"-26 SPLINE x 3/4" BORED

### ***Mild Steel Pinto Rack-N-Pinion Brackets***

Simplifies mounting of OEM style Pinto Rack-N-Pinion. Accepts Pro-werks Pinto Rack Bracket.

#### **MILD STEEL PINTO RACK-N-PINION BRACKETS**

<b>PAIR</b>	<b>HOLE DIA.</b>	<b>THICKNESS</b>	<b>HOLE C-C SPACING</b>
C73-172*	3/8"	3/16"	2-7/8"
	* Fits 1-1/2" dia. tube.		



### ***Pinto Tie Rod Kit***

Weld-on tie rod kit is complete with rod ends and fasteners.

#### **PINTO TIE ROD KIT**

<b>KIT</b>	<b>DESCRIPTION</b>
C42-425	(2) 3/4" DIA. x .156" x 16" L TUBES, (2) 1/2" ROD ENDS & FASTENERS





## U-Joints & Bearings



### Self-Lubricating Bearings

Both materials are ideally suited for low speed and medium load applications. Selection should be determined by size requirement.

#### COMPOSITE BEARINGS

PACK OF (2)	I.D.	FITS TUBE
C52-090-2	5/8"	7/8" x .058
C52-092-2	3/4"	1-1/8" x .058
C52-094-2	7/8"	1-1/4" x .058
C52-096-2	1"	1-3/8" x .058
C52-098-2	1-1/4"	1-5/8" x .058

#### NYLON BEARINGS

PACK OF (2)	I.D.	FITS TUBE
C42-095-2	5/8"	7/8" x .049
C42-096-2	3/4"	1" x .049



C42-362

### Block And Pin U-Joint

This non-sealed high quality Block and Pin U-Joint is strong enough for moderate load applications. Not recommended for front engine steering applications. It offers a 35 degree angle of operation. Frequent lubrication required.

#### U-JOINT

EACH	SIZE
C42-362	3/4" I.D. BORED x 3/4" I.D. BORED

### Steering Bearing

Self-aligning sealed bearing provides for smooth operation. Available with polished billet aluminum cover for super clean appearance. Mounting holes 3" center to center.

#### STEERING BEARING

REF	KIT	SIZE
(A)	C73-080	FITS 3/4" DIA. SHAFT
(A)	C73-081	FITS 7/8" DIA. SHAFT
(A)	C73-082	FITS 1" DIA. SHAFT
(B)	C73-080-B	FITS 3/4" DIA. SHAFT W/ BILLET COVER
(B)	C73-081-B	FITS 7/8" DIA. SHAFT W/ BILLET COVER
(B)	C73-082-B	FITS 1" DIA. SHAFT W/ BILLET COVER
EACH	DESCRIPTION	
C73-085	BILLET COVER ONLY	



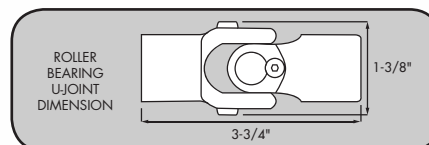
C73-085

#### STEERING BRACKET

EACH	DESCRIPTION	BAG OF (20)
C73-162	WELD-ON STEERING BRACKET	C73-162-20



C73-162



### Heavy Duty Roller Bearing U-Joint

These durable and dependable smooth operating U-Joints are ideal for high load applications. They are sealed and offer a maximum 32 degrees of operating angle.

#### U-JOINT

EACH	SIZE	APPLICATION
C42-365	5/8" I.D. BORED x 5/8" I.D. BORED	UNIVERSAL
C42-366	3/4" I.D. BORED x 3/4" I.D. BORED	UNIVERSAL
C42-368*	9/16"-26 SPLINE x 3/4" I.D. BORED	PINTO RACK
C42-369*	5/8"-38 SPLINE x 3/4" I.D. BORED	VEGA
C42-370*	5/8"-36 SPLINE x 3/4" I.D. BORED	STILETTO RACK/SPE FUNNY CAR
C42-372*	3/4"-36 SPLINE x 3/4" I.D. BORED	CHEVY MAN/PINTO POWER
C42-374*	3/4"-30 SPLINE x 3/4" I.D. BORED	NEW CHEVY POWER
C42-376*	13/16"-36 SPLINE x 3/4" I.D. BORED	CHEVY POWER
C42-378*	1"-48 SPLINE x 3/4" I.D. BORED	GM STOCK

\*Includes set screw.

## Steering Components



### Quick Release Steering Hub

Compact and lightweight hub features a built-in spring loaded release pin. The cupped non-skid release button provides one finger operation. Includes 7/8" steel hex adapter that is bored with 5/8" I.D. hole. Precision CNC machined from aluminum, this hub meets 42.1 SFI specifications.

#### QUICK RELEASE

KIT	DESCRIPTION	HOLES	BOLT PATTERN
C52-200	3 BOLT WITH HEX	1/4"	1.750" CIRCLE DIA.
C52-210	3 BOLT WITH HEX	5/16"	1.750" CIRCLE DIA.
C52-220	4 BOLT WITH HEX	3/16"	.750" x 1.648"
C52-230	UNDRILED (2-5/8" DIA. FLANGE)	-	-

EACH	DESCRIPTION
C52-254	HEX SHAFT ONLY (5/8" I.D.)



### Adapter Flange

Converts any 3-bolt steering flange with 1-3/4" bolt circle using 5/16" diameter bolts. Flange is available for the Grant style 5-bolt or the Formula 9-bolt steering wheels. Includes 3 5/16-24 and 3 5/16-18 screws.

#### ADAPTER FLANGE

KIT	DESCRIPTION	OUTER BOLT CIRCLE	INNER BOLT CIRCLE
C52-250	5 BOLT ADAPT FLANGE	5 ON 2.835" DIA.	3 ON 1.75" DIA.
C52-251	9 BOLT ADAPT FLANGE	9 ON 3.852" DIA.	3 ON 1.75" DIA.

### Adapter Stub

Provides 5/8" O.D. for the hex adapter when using larger tubing. Universal stepped end accommodates 3/4", 7/8", or 1" diameter tubing with .065" wall thickness.



#### ADAPTER STUB

EACH	MATERIAL
C52-260	4130 N CHROMOLY





# Steering Components

Unique finger grip provides positive control.

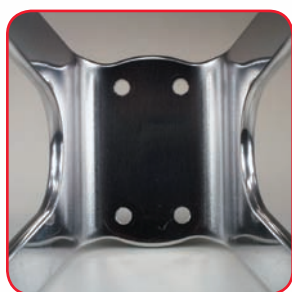


## Butterfly Steering Wheel

Unique finger grips and ergonomic design ensure positive control. Heat-treated aluminum is precision CNC machined and micro-polished featuring smooth radius corners. Drilled 4-bolt mounting hole option available with 3/16" diameter, .750" x 1.648" bolt pattern. Available with button tab.



Button Tab Option Shown.



Pre-drilled 4-bolt mounting hole fits quick release part# C52-220

### BUTTERFLY STEERING WHEEL

EACH	STYLE	GRIPS
C42-482	STANDARD	POLISHED
C42-484	STANDARD	RED
C42-486	STANDARD	BLUE
C42-487	STANDARD	BLACK
C42-480	STANDARD	W/O GRIPS
C42-482-D	DRILLED	POLISHED
C42-484-D	DRILLED	RED
C42-486-D	DRILLED	BLUE
C42-487-D	DRILLED	BLACK
C42-480-D	DRILLED	W/O GRIPS
C42-482-B	STANDARD W/BUTTON TAB	POLISHED
C42-484-B	STANDARD W/BUTTON TAB	RED
C42-486-B	STANDARD W/BUTTON TAB	BLUE
C42-487-B	STANDARD W/BUTTON TAB	BLACK
C42-480-B	STANDARD W/BUTTON TAB	W/O GRIPS
C42-482-B-D	DRILLED W/BUTTON TAB	POLISHED
C42-484-B-D	DRILLED W/BUTTON TAB	RED
C42-486-B-D	DRILLED W/BUTTON TAB	BLUE
C42-487-B-D	DRILLED W/BUTTON TAB	BLACK
C42-480-B-D	DRILLED W/BUTTON TAB	W/O GRIPS

Measures 6-1/2" deep x 7-1/2" wide



## Switch Panel

This panel enables multiple button and switch installation on all Pro-werks Butterfly Steering Wheels. Panel is made from lightweight polished aluminum with stainless fasteners included.

### SWITCH PANEL

EACH	DESCRIPTION
C42-479	BUTTERFLY STEERING WHEEL SWITCH PANEL

## Butterfly Replacement Grips



Billet aluminum grip set fits Pro-werks Butterfly Steering Wheels only. Includes stainless fasteners, 2 front grips, and 2 back grips.

### REPLACEMENT GRIPS

SET	FINISH
C42-490-R	RAW
C42-490	POLISHED
C42-491	RED
C42-492	BLUE
C42-493	BLACK



Switches not included



## Steering Components

### 13" Steering Wheel

All aluminum! The lightest steering wheel available - only 2 pounds. Durable foam grip is comfortable and extends onto spokes. Popular 3-bolt pattern is 1-3/4" bolt circle with 5/16" mount holes.



C42-495

#### 13" STEERING WHEEL

PART #	BOLT PATTERN
C42-495	1-3/4" BOLT CIRCLE 5/16" DIA



C42-036

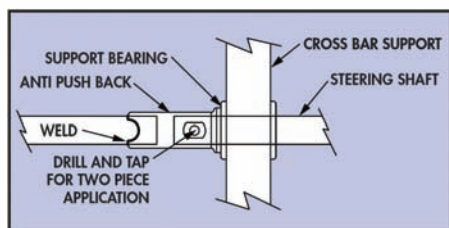
C42-040

### Steering Shaft Kit

Two styles to choose from. Includes all the necessary components to fabricate a complete steering shaft assembly.

#### STEERING SHAFT KITS

KIT	TUBE SIZE	TUBE LENGTH	QR STEER HUB	NYLON BUSHING	BUSHING SLEEVE	SPLINED U-JOINT	SPLINED COUPLER	ANTI PUSH BACK
C42-040	3/4" x .065"	(1) 42" LONG	(1) 3-BOLT	(1) 3/4"	(1)	(1) 5/8"-36	-	-
C42-036	5/8" x .065"	(1) 48" LONG (1) 72" LONG	(1) 4-BOLT	(2) 5/8"	(2)	-	(1) 5/8"-36	(1)



Anti Push Back when positioned in front of cross support limits steering column travel. Also can serve as coupler for two piece steering column if needed.



### Anti Push Back

Available for 5/8" or 3/4" diameter shaft. Pilot drilled for two-piece shaft construction. This safety feature is required by most sanctioning bodies.

#### ANTI PUSH BACK

EACH	DESCRIPTION
C42-350	5/8" DIA.
C42-351	3/4" DIA.



## Front Axle & Front End



Kit includes both sides, half of kit is shown.

### Three Bar Front End Kit

The three bar style front end is available in a kit complete with chromoly tubing, mounting tabs, inner bosses, grade 8 hardware, and spindle bosses.

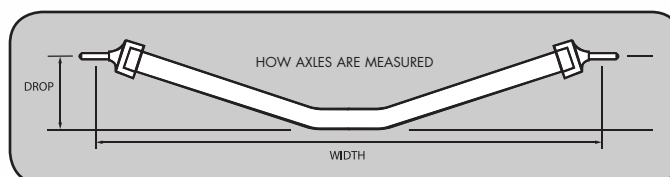
#### FRONT END KIT

KIT	APPLICATION	TUBE DIA.	BOSSSES
C42-443	DRAGSTER	3/4"	STILETTO (2" TALL)
C42-444	FRONT ENGINE	7/8"	STILETTO (2" TALL)
C42-445	DRAGSTER	3/4"	SPE (1.875" TALL)
C42-446	FRONT ENGINE	7/8"	SPE (1.875" TALL)
EACH	BOSS		
C42-441	1" LONG x 5/8" O.D. x 5/16" I.D.		
C42-442	1-1/4" LONG x 5/8" O.D. x 5/16" I.D.		



### Front Axle

Precision-machined chromoly axle is tig welded and spindle bosses are mounted at an 8 degree angle to accommodate spindles. Width dimension is measured from center of tire to center of tire. Drop dimension is measured from bottom of axle to centerline of spindle. Stiletto bosses measure 2" tall and SPE bosses are 1.875" tall.



#### FRONT AXLE

EACH	APPLICATION	SIZE	BOSSSES	MATERIAL
C42-447	DRAGSTER	39" CENTERS, 6" DROP W/ 6" FLAT	STILETTO	1-1/2" x .120" 4130
C42-437	DRAGSTER	39" CENTERS, 6" DROP W/ 6" FLAT	SPE	1-1/2" x .120" 4130
C42-448	DRAGSTER	36" CENTERS, 6" DROP W/ 6" FLAT	STILETTO	1-1/2" x .120" 4130
C42-438	DRAGSTER	36" CENTERS, 6" DROP W/ 6" FLAT	SPE	1-1/2" x .120" 4130
C42-449	ALTERED	40" CENTERS STRAIGHT	STILETTO	1-5/8" x .120" 4130
C42-439	ALTERED	40" CENTERS STRAIGHT	SPE	1-5/8" x .120" 4130

## Precision Components for Professional Fabrication

### Spindles



Machined From Forging

C42-454



### Spindles

Spindles are made of high strength, heat-treated, forged chromoly. Bushings and thrust washers support the 8620 centerless ground king pins. Spindles are dimensionally the same as the English Ford Anglia. Set includes (2) spindles, (2) bosses, (2) 5" arms, (2) king pins, and hardware. King pin angle is 8 degrees.

### Tech Tip

**ALL SPINDLES LISTED** on this page are .984" I.D. (Inner) and .625" O.D. (Outer). Steering arm length is measured from center of king pin to center of bolt hole.



C42-462



C42-585-2

### Weld-On Front Spindles

CNC machined from 4130 chromoly, this spindle is ideal for custom suspension fabrication. Dimensionally the same as English Ford Anglia and uses # C42-462 Pro-werks Nut.

#### SPINDLES

PACK OF (2)	DESCRIPTION
C42-585-2	WELD-ON SPINDLES
EACH	DESCRIPTION
C42-462	SPINDLE NUT (5/8"-18)

#### SPINDLES

SET	DESCRIPTION
C42-454	CHROMOLY SPINDLE
PACK OF (2)	DESCRIPTION
C42-456-2	SPINDLE BOSSES (.687" I.D. x 2")
C42-469-2	SPE SPINDLE BOSSES (.687" I.D. x 1.875")
EACH	DESCRIPTION
C42-457	STEERING ARM 5" x 3/16"
C42-458	STEERING ARM 6" x 1/4"
C42-460	THRUST WASHER (.095" THICK)
C42-465	KING PIN BUSHING - NEW STYLE, (.687" I.D. x .782" O.D. STEEL BACKED)
C42-461	KING PIN BUSHING - OLD STYLE, WITH SHOULDER, (.687" I.D. x .816" O.D. BRONZE TYPE)
C42-462	SPINDLE NUT (5/8"-18)
C42-463	KING PIN (.687" O.D. x 3")
C42-464	KING PIN LONG (.687" O.D. x 4-1/4")

C42-478

C42-489

C42-477

C42-488



### Tow Caps

Billet aluminum spindle caps allow quick and easy hook up of tow strap.

#### TOW CAPS

PACK OF (2)	DESCRIPTION	HOLES	BOLT PATTERN
C42-477	FITS PRO-WERKS & STILETTO SPINDLE	1/4"	.890" x .890"
C42-478	FITS SPE SPINDLE	1/4"	1" x 1"
C42-488	FITS MW SPINDLE	5/16"	1.032" x 1.032"
C42-489	FITS P&S SPINDLE	1/4"	.875" x .875"







## Wheels / Hubs / Tow Caps



C42-592



C42-590



C42-624

### Billet Wheel Hub

CNC machined from billet aluminum, hub fits the popular English Ford Anglia dimensional spindles commonly used on dragsters and funny cars. Accepts bolt-on style wheels. Drilled with multiple bolt patterns 4-1/2", 4-3/4" or 5" with 1/2"-20 threaded holes.

#### BILLET WHEEL HUB

EACH	DESCRIPTION
C42-590	BILLET WHEEL HUB
C42-624	DUST CAP FITS 2.047" HOLE
SET	DESCRIPTION
C42-592	BEARINGS & SEAL FOR ONE HUB



C42-625

C42-626



C42-615

C42-600

### Ultra Light Wheel (17" dia. x 1.875" wide)

These one piece hydro-formed aircraft aluminum halves are jig welded, finish machined, hand sanded, micro polished and weigh only 4 pounds each. Wheels accept most popular 17" front tires. These wheels are ideal for lightweight cars running 4 and 6 cylinder engines. Maximum vehicle weight is 800#.

#### ULTRA LIGHT WHEEL & PARTS

EACH	DESCRIPTION
C42-600	ULTRA LIGHT WHEEL
C42-615*	SAND TIRE, 2.25" X 17"
C42-615-25*	SAND TIRE, 2.5" X 17"
C42-620	TIRE TUBE
C42-624	DUST CAP, FITS 2.047" HOLE
C42-626	BUSHING
SET	DESCRIPTION
C42-625	BEARING SET
	(2) 2.047" O.D. x .984" I.D. (IN)
	(2) 2.047" O.D. x .625" I.D. (OUT)

\* For lightweight sand application ONLY.

## Precision Components for Professional Fabrication

### Levers



C42-507

#### Shut Off Lever

Designed to fit Pro-werks Control Levers, this CNC machined billet aluminum lever is ideal for chute release or fuel shut off. Slot is 1/4", 2 holes are .210". Includes screw and nut.



#### Control Lever

Lightweight, heat-treated aluminum control levers are designed for custom installations. These levers are perfect for dragsters, altered, and funny cars. CNC machined 1/4" thick aluminum with 3/8" diameter pivot hole and micro polished finish. The smooth radiused edges and aluminum grips provide comfort and control.

##### SHUT OFF LEVER

EACH	FINISH
C42-507	POLISHED



##### CONTROL LEVER

EACH	LENGTH	GRIPS
C42-512	18"	POLISHED
C42-514	18"	RED
C42-516	18"	BLUE
C42-517	18"	BLACK
C42-522	20"	POLISHED
C42-524	20"	RED
C42-526	20"	BLUE
C42-527	20"	BLACK

#### Replacement Grips

Billet Aluminum grip set fits Pro-Werks control levers. Includes 2 stainless fasteners, 1 right grip, and 1 left grip.

#### Chute/Shut Off Lever

Universal aluminum lever measures 5" long by 3/16" thick with 3/16" diameter holes.

##### LEVER

EACH	DESCRIPTION
C42-510	CHUTE/SHUT OFF

##### REPLACEMENT GRIPS

SET	FINISH
C42-540-R	RAW
C42-540	POLISHED
C42-541	RED
C42-542	BLUE
C42-543	BLACK





## Chute Accessories

### Drag Chute Cable Kit

Kit simplifies installation of cable release system for a parachute. Includes 15 foot (solid wire core), clip type cable with exposed .075" diameter wire on one end (may be cut to desired length), CNC machined aluminum lever, clevis end, cable mounting hardware, and weld-on tabs.



C42-509

#### CHUTE CABLE

KIT	DESCRIPTION
C42-509	CHUTE CABLE
EACH	DESCRIPTION
C42-510	LEVER ONLY

C73-376



C73-375

C73-377



### Cable Clamps

Billet aluminum, silver anodized, Pro-Grip cable clamps are available in half, full, and dual style. Fit most clip style cables.

#### CABLE CLAMPS

PART #	DESCRIPTION
C73-375	HALF CLAMP
C73-376	FULL CLAMP
C73-377	DUAL FULL CLAMP

### Parachute Mount Kit

Universal chromoly mount kit can be mounted to rear end of dragster or back of door car to provide secure support for most parachutes. Measures 7-1/8" x 7-1/8" and includes four 12" long support tubes.



C72-200

#### PARACHUTE MOUNT KIT

KIT	DESCRIPTION
C72-200	PARACHUTE MOUNT

### Cable Knobs and Handles

#### CABLE KNOBS AND HANDLES

EACH	STYLE	MATERIAL	COLOR	FEMALE	WIDTH
C73-400	T	ALUMINUM	BLACK	10-32 NF	2-3/8"
C73-405	T	ALUMINUM	BLACK	1/4-20 NC	2-3/8"
C73-410	EZ GRIP	ALUMINUM	BLACK	10-32 NF	1-5/8"
C73-415	EZ GRIP	ALUMINUM	BLACK	1/4-20 NC	1-5/8"

C73-400 / C73-405



C73-410 / C73-415



### Solid Rod End

10-32 female x 3/16" dia. hole. May be drilled larger if needed.

#### SOLID ROD END

EACH	DESCRIPTION
C73-380	SOLID ROD END



## Pedals & Accesories



### Dragster Pedal Assembly

Lightweight yellow zinc-plated chromoly pedals glide on a nylon bushed aircraft aluminum cross shaft. Multiple snap ring grooves enable side to side positioning of pedals on shaft, total adjustment is 1-1/4" per pedal in 1/4" increments. Standard features include non-skid surface on brake pedal and toe hook style gas pedal. Assembly includes chromoly mounting tabs and hardware.

#### PEDAL ASSEMBLY

KIT	SHAFT LENGTH
C42-080	14"
C42-081	15"
C42-082	16"
C42-083	17"
C42-084	18"
C42-085	19"
C42-086	20"



C42-091

C42-092

#### DRAGSTER PEDALS

EACH	DESCRIPTION
C42-091	GAS
C42-092	BRAKE
	4.5:1 RATIO
PACK OF (4)	DESCRIPTION
C42-094-4	SNAP RINGS



### Pedal Shaft

Aircraft aluminum pedal shaft is 5/8" diameter and available in several lengths.

#### PEDAL SHAFT

EACH	LENGTH
C42-070	14"
C42-071	15"
C42-072	16"
C42-073	17"
C42-074	18"
C42-075	19"
C42-076	20"



### Bolt-On Adjustable Pedal Stop

Limits pedal travel and prevents over traveling the pressure plate when using single pedal assembly for clutch application.

#### PEDAL STOP

EACH	DESCRIPTION
C32-110	BOLT-ON



### Weld-On Adjustable Pedal Stop

This universal weld-on adjustable pedal stop can be used with levers or pedals to prevent over traveling.



#### PEDAL STOP

EACH	DESCRIPTION
C42-110	WELD-ON



### Multi Mount Brackets

Optional weld mount brackets allow a total of 6" of pedal assembly adjustment in 3/4" increments. Laser cut 1/8" thick chromoly with 5/16" diameter holes.

#### MOUNT BRACKETS

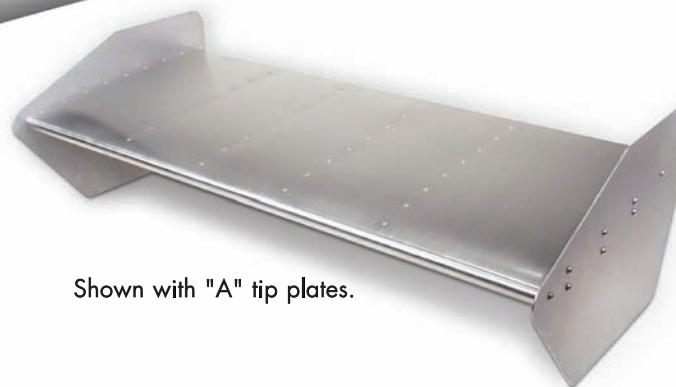
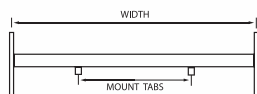
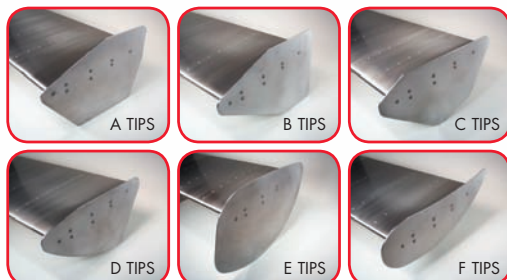
PACK OF (2)	DESCRIPTION
C73-273-2	MULTI MOUNT BRACKETS





## Rear Wing

### Wing Tip Profiles



Shown with "A" tip plates.

Rear wings are built with CNC machined ribs and durable .032" thick aircraft aluminum skin using wind tunnel proven NACA wing profiles. Ribs have 15" chord length and wing is complete with internal reinforcement tubes. The 3/16" thick mount tabs have 3/8" diameter front and 5/16" diameter rear holes with 5-7/8" spacing. Tip plates are .090" thick, removable, interchangeable, and the profiles available are designed for equal performance. Wings and tip plate sets include ten 1/2"-10-24 stainless screws. The ribs are not available separately.

#### REAR WING

EACH	WIDTH	TIP PLATE	MOUNT TAB CENTERLINE
C42-136-AT-8	36"	A	8"
C42-136-AT-15	36"	A	15"
C42-136-AT-17-1-4	36"	A	17-1/4"
C42-136-BT-8	36"	B	8"
C42-136-BT-15	36"	B	15"
C42-136-BT-17-1-4	36"	B	17-1/4"
C42-136-CT-8	36"	C	8"
C42-136-CT-15	36"	C	15"
C42-136-CT-17-1-4	36"	C	17-1/4"
C42-136-DT-8	36"	D	8"
C42-136-DT-15	36"	D	15"
C42-136-DT-17-1-4	36"	D	17-1/4"
C42-136-ET-8	36"	E	8"
C42-136-ET-15	36"	E	15"
C42-136-ET-17-1-4	36"	E	17-1/4"
C42-136-FT-8	36"	F	8"
C42-136-FT-15	36"	F	15"
C42-136-FT-17-1-4	36"	F	17-1/4"
C42-140-AT-15	40"	A	15"
C42-140-AT-17-1-4	40"	A	17-1/4"
C42-140-BT-15	40"	B	15"
C42-140-BT-17-1-4	40"	B	17-1/4"
C42-140-CT-15	40"	C	15"
C42-140-CT-17-1-4	40"	C	17-1/4"
C42-140-DT-15	40"	D	15"
C42-140-DT-17-1-4	40"	D	17-1/4"
C42-140-ET-15	40"	E	15"
C42-140-ET-17-1-4	40"	E	17-1/4"
C42-140-FT-15	40"	F	15"
C42-140-FT-17-1-4	40"	F	17-1/4"

#### REAR WING

EACH	WIDTH	TIP PLATE	MOUNT TAB CENTERLINE
C42-144-AT-15	44"	A	15"
C42-144-AT-17-1-4	44"	A	17-1/4"
C42-144-BT-15	44"	B	15"
C42-144-BT-17-1-4	44"	B	17-1/4"
C42-144-CT-15	44"	C	15"
C42-144-CT-17-1-4	44"	C	17-1/4"
C42-144-DT-15	44"	D	15"
C42-144-DT-17-1-4	44"	D	17-1/4"
C42-144-ET-15	44"	E	15"
C42-144-ET-17-1-4	44"	E	17-1/4"
C42-144-FT-15	44"	F	15"
C42-144-FT-17-1-4	44"	F	17-1/4"
C42-148-AT-15	48"	A	15"
C42-148-AT-18	48"	A	18"
C42-148-BT-15	48"	B	15"
C42-148-BT-18	48"	B	18"
C42-148-CT-15	48"	C	15"
C42-148-CT-18	48"	C	18"
C42-148-DT-15	48"	D	15"
C42-148-DT-18	48"	D	18"
C42-148-ET-15	48"	E	15"
C42-148-ET-18	48"	E	18"
C42-148-FT-15	48"	F	15"
C42-148-FT-18	48"	F	18"



Six tip profiles to choose from, "C" style shown here.



Assembled with billet CNC aluminum ribs.

#### REPLACEMENT WING TIP PLATE SET

SET	OUTER TIPS	THICKNESS
C42-160-A	A Style	.090"
C42-160-A-1-8	A Style	.125"
C42-160-B	B Style	.090"
C42-160-B-1-8	B Style	.125"
C42-160-C	C Style	.090"
C42-160-C-1-8	C Style	.125"
C42-160-D	D Style	.090"
C42-160-D-1-8	D Style	.125"
C42-160-E	E Style	.090"
C42-160-E-1-8	E Style	.125"
C42-160-F	F Style	.090"
C42-160-F-1-8	F Style	.125"

### Tech Tip

#### REAR WING DOWNFORCE/DRAW DATA

Calculated values based on ideal environmental conditions & 40" x 15" wing size.

		50 MPH	100 MPH	150 MPH	200 MPH
8° ANGLE	DOWNFORCE	27.8 lbs	111.3lbs	250.4 lbs	445.1 lbs
OF ATTACK	DRAG	.3 lbs	1.0 lb	2.3 lbs	4.1 lbs
10° ANGLE	DOWNFORCE	32.4 lbs	129.5 lbs	291.5 lbs	517.9 lbs
OF ATTACK	DRAG	.3 lbs	1.2 lbs	2.7 lbs	4.9 lbs
12° ANGLE	DOWNFORCE	36.2 lbs	144.6 lbs	325.5 lbs	578.6 lbs
OF ATTACK	DRAG	.4 lbs	1.4 lbs	3.2 lbs	5.7 lbs



## ***Wing Struts & Adjuster***



C42-210/C42-212



C42-211/C42-213



C42-200/C42-202

### ***Wing Strut Kits***

Kits include chromoly tubing, mount tabs, wing adjusters, and hardware. Dragster style kits have 44" main supports and altered style kits have 24" main supports. These kits are sized for comp class cars and do not meet SFI specifications required for some applications.



#### **ALTERED APPLICATIONS**

<b>KIT</b>	<b>MAIN STRUTS</b>	<b>DIAGONALS</b>
C42-202	ROUND	ROUND
C42-212	STREAMLINE	ROUND
C42-213	STREAMLINE	STREAMLINE

#### **DRAGSTER APPLICATIONS**

<b>KIT</b>	<b>MAIN STRUTS</b>	<b>DIAGONALS</b>
C42-200	ROUND	ROUND
C42-210	STREAMLINE	ROUND
C42-211	STREAMLINE	STREAMLINE

### ***Wing Adjuster Kit***

Includes 7-3/4" long aluminum adjuster links, left hand 5/16" rod ends, and right hand threaded slot clevis with 3/16" slot and 5/16" hole.



C42-182

#### **WING ADJUSTER KIT**

<b>KIT</b>	<b>DESCRIPTION</b>
C42-182	ADJ. LINK KIT

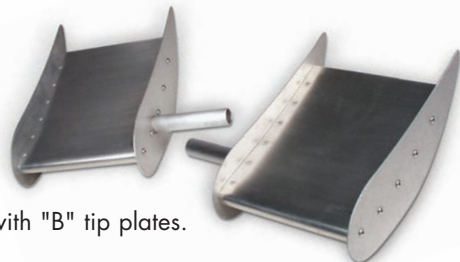
<b>EACH</b>	<b>DESCRIPTION</b>
C42-180	ADJ. LINK ONLY





## Canard and Front Wings

Durable all aluminum construction includes superior quality CNC machined ribs with 10" chord length. Available with wind tunnel proven NACA profiles. Mount tube is 1" outside diameter and aluminum skin is .032" thick. Wings are offered with three different tip plate profiles. Ribs are not available separately.



Shown with "B" tip plates.



Shown with "C" tip plates.

Shown with "A" tip plates.

### Canard Wings With Inner & Outer Tips

For applications requiring inner and outer tip plates. Includes ten 1/2" 10-24 stainless screws.

### Canard Wings With Outer Tips

Inside overhang is 1-1/2" and may be trimmed to match body contour. Includes ten 1/2 10-24 stainless screws.

#### CANARDS, INNER/OUTER

EACH	WIDTH	TIP PLATE
C42-123-AT	6"	A
C42-123-BT	6"	B
C42-123-CT	6"	C
C42-125-AT	8"	A
C42-125-BT	8"	B
C42-125-CT	8"	C
C42-127-AT	12"	A
C42-127-BT	12"	B
C42-127-CT	12"	C
C42-129-AT	14"	A
C42-129-BT	14"	B
C42-129-CT	14"	C

#### REPLACEMENT CANARD TIP PLATE SET

SET	OUTER TIPS
C42-156-A	A STYLE
C42-156-B	B STYLE
C42-156-C	C STYLE
SET	INNER TIPS
C42-158-A	A STYLE
C42-158-B	B STYLE
C42-158-C	C STYLE



#### CANARDS, OUTER

EACH	WIDTH	TIP PLATE
C42-122-AT	6"	A
C42-122-BT	6"	B
C42-122-CT	6"	C
C42-124-AT	8"	A
C42-124-BT	8"	B
C42-124-CT	8"	C
C42-126-AT	12"	A
C42-126-BT	12"	B
C42-126-CT	12"	C
C42-128-AT	14"	A
C42-128-BT	14"	B
C42-128-CT	14"	C
C42-132-AT	18"	A
C42-132-BT	18"	B
C42-132-CT	18"	C



Assembled with billet CNC machined aluminum ribs.

### Wing Tip Profiles



A TIPS



B TIPS



C TIPS

Wing tip profile "C" shown above on canard wings with outer tips.



### One-Piece Wing

With 10" chord length, this wing features 1/4" thick mount tabs with 3/8" diameter front and 5/16" diameter rear holes with a 3-1/2" spacing. One set of interchangeable tips included. Includes ten 1/2 10-24 stainless screws.

#### ONE-PIECE WING

EACH	WIDTH	TIP PLATE	MOUNT TAB CENTERLINE
C42-116-AT-8	36"	A	8"
C42-116-BT-8	36"	B	8"
C42-116-CT-8	36"	C	8"
C42-118-AT-10	40"	A	10"
C42-118-BT-10	40"	B	10"
C42-118-CT-10	40"	C	10"

### Tech Tip

#### FRONT WING DOWNFORCE/DRAG DATA

Calculated values based on ideal environmental conditions & 12" x 10" wing size.

		50 MPH	100 MPH	150 MPH	200 MPH
8° ANGLE OF ATTACK	DOWNFORCE	5.2 lbs	20.8 lbs	46.8 lbs	83.1 lbs
	DRAG	.05 lbs	.2 lbs	.4 lbs	.7 lbs
10° ANGLE OF ATTACK	DOWNFORCE	5.5 lbs	22 lbs	49.4 lbs	87.9 lbs
	DRAG	.05 lbs	.2 lbs	.5 lbs	.8 lbs
12° ANGLE OF ATTACK	DOWNFORCE	6.6 lbs	26.2 lbs	58.9 lbs	104.7 lbs
	DRAG	.1 lbs	.3 lbs	.6 lbs	1.1 lbs

Dragster Noses and Seats



Dragster Nose

These pieces are made of hand laid composite fiberglass. They may be trimmed to match height, length, and angle requirements. Noses measure 8-1/2" tall at back.

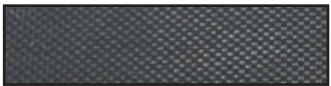
NOSES		
EACH	DESCRIPTION	SIZE
C42-022	ECONO DRAGSTER NOSE	8-1/2" W x 8-1/2" H
C42-023	FUEL DRAGSTER NOSE	11-3/4" W x 8-1/2" H

Composite Dragster Seat

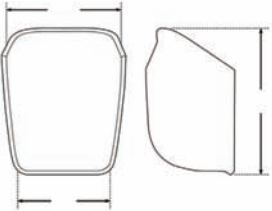
These lightweight hand laid composite seats may be used in dragsters, altered, or funny cars. Seats are flexible enough to adjust in width if needed. Available in Carbon Fiber and Fiberglass. Standard seat measures 20-1/2" wide at top, 28" tall along back, and 17" wide at bottom front, wide seat is 19" wide at bottom front.



SEATS		
EACH	DESCRIPTION	AVERAGE WEIGHT
C42-028	STD FIBERGLASS	4#
C42-029	STD CARBON FIBER	2#
C42-031	WIDE FIBERGLASS	4#
C42-032	WIDE CARBON FIBER	2#



Carbon fiber is stronger and lighter than fiberglass.





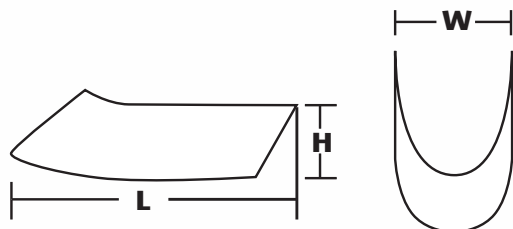
## Windscreens

CLEAR



### CLEAR LEXAN WINDSCREEN

EACH	DESCRIPTION	SIZE
C42-014	STANDARD	7" H x 17" W x 33" L
C42-020	TALL	9" H x 17" W x 33" L
C42-024	WIDE	9" H x 20" W x 33" L
C42-026	JUNIOR	5" H x 14" W x 25" L



### TINTED LEXAN WINDSCREEN

EACH	DESCRIPTION	SIZE
C42-015	STANDARD	7" H x 17" W x 33" L
C42-021	TALL	9" H x 17" W x 33" L
C42-025	WIDE	9" H x 20" W x 33" L
C42-027	JUNIOR	5" H x 14" W x 25" L

TINTED



## Dragster Windscreen

Measuring 1/8" thick, these windscreens are both flexible and durable. Made from scratch resistant GE Lexan, they are easily cut and sanded for installation. The protective coating dissolves with water after fitting. Dimensions are approximate. Windscreens may need to be trimmed.



## Windscreen Fastener Kit

This secure fit fastener kit includes 100° counter sunk #8 flat head screws and Nylock Nuts.

### FASTENER KIT

PACK OF (24)	DESCRIPTION
C42-018	WINDSCREEN FASTENER KIT
PACK OF (100)	DESCRIPTION
C42-034	WINDSCREEN FASTENER KIT



## ***NACA Ducts / Hose***



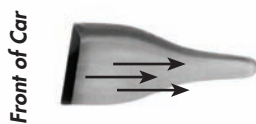
### ***Fiberglass NACA Ducts***

Lightweight hand laid fiberglass NACA ducts provide a positive low resistance method of fresh air entry or removal. They are easily attached with bonding compound or riveted on fiberglass, aluminum, or steel body panels. Flange width measures approximately 1".

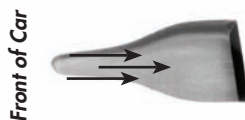
#### **NACA DUCTS**

<b>EACH</b>	<b>INLET SIZE</b>	<b>INLET DEPTH</b>
C42-016	3" W x 6-1/2" L	7/8"
C42-017	4" W x 9" L	1"
C42-030	7" W x 14" L	2"

#### **Air Removal**



#### **Air Intake**



**NACA Ducts Installed**



### ***Hose***

Wire reinforced hi-temp rubber flexible hose works with Pro-werks Plastic NACA Ducts.

#### **HOSE**

<b>EACH</b>	<b>SIZE</b>	<b>LENGTH</b>
C42-012	2-1/2" I.D.	10 FT.
C42-013	3" I.D.	10 FT.



C42-001/  
C42-007



C42-002/  
C42-008

### ***Plastic Naca Ducts***

These high impact ducts with hose outlets allow air hose hook-up for direct routing of air.

#### **CLEAR**

<b>EACH</b>	<b>DESCRIPTION</b>	<b>HOSE OUTLET</b>
C42-002	3-1/2" W x 6-1/2" L	2-1/2"
C42-008	4-1/4" W x 9-1/4" L	3"

#### **BLACK**

<b>EACH</b>	<b>DESCRIPTION</b>	<b>HOSE OUTLET</b>
C42-001	3-1/2" W x 6-1/2" L	2-1/2"
C42-007	4-1/4" W x 9-1/4" L	3"



## Pre-Bent Tubing

### Pre-Bent Chromoly Cages

These pre-bent chromoly pieces are perfect for the professional chassis builder and the do-it-yourselfer. For individual pieces see page 53.

#### PRE-BENT KITS

KIT	DESCRIPTION	TUBE SIZE	RADIUS
C42-270	5-PT	1-1/2 x .065	6"
C42-271	5-PT	1-5/8 x .083	7"
C42-274	6-PT JR DRAGSTER	1-1/8 x .058	5-1/2"
C42-275	6-PT	1-1/2 x .065	6"
C42-276	6-PT	1-5/8 x .083	7"



5-PT CAGE



6-PT CAGE



6-PT CAGE

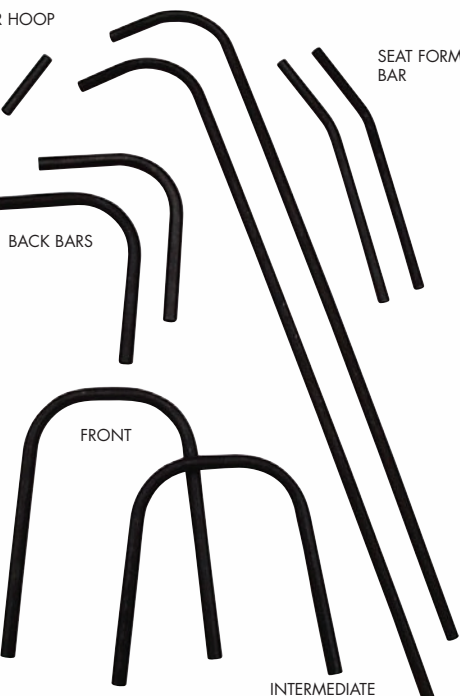


5-PT CAGE

EXAMPLES AFTER ASSEMBLY

SHOULDER HOOP

SEAT FORM  
BAR



BACK BARS

FRONT

INTERMEDIATE

### Pre-Bent Tubing Packages

Everything you need with just one part number for easy ordering. Assembled with our pre-bent chromoly tubing, listed on page 53.

#### PRE-BENT TUBING PACKAGES

KIT	DESCRIPTION	CAGE KIT	SHOULDER HOOP	SEAT FORMERS
C42-320	6-PT	1-1/2 x .065	1-3/8 x .058	1-1/4 x .058
C42-323	6-PT	1-5/8 x .083	1-3/8 x .058	1-1/4 x .058
C42-326	6-PT (JR DRAGSTER)	1-1/8 x .058	1-1/8 x .058	1-1/8 x .058

#### INCLUDES

KIT NUMBER	FRONT HOOP	INTERMEDIATE HOOP	BACK BAR (2)	SEAT FORM BAR (2)	SHOULDER HOOP
C42-320	C42-302	C42-303	C42-292	C42-286	C42-280
C42-323	C42-306	C42-307	C42-296	C42-286	C42-280
C42-326	C42-297	C42-298	C42-299	C42-288	C42-283

## Pre-Bent Cages



### Pre-Bent Chromoly Tubing

These are the same Pre-Bent pieces that are used in the complete kits.

#### PRE-BENT CHROMOLY TUBING

PART #	DESCRIPTION	TUBE SIZE	DIMENSIONS
C42-280	SHOULDER HOOP	1-3/8 x .058, INCLUDES 8" PC. OF 41-114-058	20-1/2" CENTERS x 72" LONG
C42-283	SHOULDER HOOP (JR DRAGSTER)	1-1/8 x .058, INCLUDES 8" PC. OF 41-1-058	17-1/2" CENTERS x 60" LONG
C42-286	SEAT FORM BARS (PR)	1-1/4 x .058 INCLUDES	20° BEND
C42-288	SEAT FORM BARS (PR) (JR DRAGSTER)	1-1/8 x .058	25° BEND
C42-290	5-PT FRONT HOOP	1-1/2 x .065 (SNGL BEND)	26" TALL x 20" CENTERS
C42-291	5-PT INTERMEDIATE HOOP	1-1/2 x .065 (SNGL BEND)	22" TALL x 21" CENTERS
C42-294	5-PT FRONT HOOP	1-5/8 x .083 (SNGL BEND)	26" TALL x 20" CENTERS
C42-295	5-PT INTERMEDIATE HOOP	1-5/8 x .083 (SNGL BEND)	22" TALL x 21" CENTERS
C42-297	6-PT FRONT HOOP (JR DRAGSTER)	1-1/8 x .058 (DBL BEND)	21" TALL x 17" CENTERS
C42-298	6-PT INTERMEDIATE HOOP (JR DRAGSTER)	1-1/8 x .058 (DBL BEND)	17" TALL x 18" CENTERS
C42-302	6-PT FRONT HOOP	1-1/2 x .065 (DBL BEND)	26" TALL x 20" CENTERS
C42-303	6-PT INTERMEDIATE HOOP	1-1/2 x .065 (DBL BEND)	22" TALL x 21" CENTERS
C42-306	6-PT FRONT HOOP	1-5/8 x .083 (DBL BEND)	26" TALL x 20" CENTERS
C42-307	6-PT INTERMEDIATE HOOP	1-5/8 x .083 (DBL BEND)	22" TALL x 21" CENTERS
C42-292	BACK BAR	1-1/2 x .065	17" TALL x 15" DEEP 80°
C42-296	BACK BAR	1-5/8 x .083	17" TALL x 15" DEEP 80°
C42-299	BACK BAR (JR DRAGSTER)	1-1/8 x .058	16" TALL x 13" DEEP 80°

### Chromoly Head Bar Kit

Pre-bent chromoly tubing for the horizontal head bar, required for a complete cage installation.

#### HEAD BAR

KIT	DESCRIPTION	TUBE SIZE	DIMENSIONS
C42-279	HEAD BAR	1" x .058" (2) 90° BENDS	6" STRAIGHT LEG x 8" STRAIGHT LEG



### Roll Bar Pad

Provides neat and clean compliance with most sanctioning bodies roll bar pad requirements. Fits all standard dragster type cages using 1", 1-1/2" and 1-5/8" tubing. Available in a 3' long piece or as a kit. Pad is SFI certified 45.1. C72-150 and C72-156 include velcro for easy installation.



#### ROLL BAR PAD

KIT	DESCRIPTION	APPLICATION
C72-150	KIT (2) 18" PIECES, (2) 13" PIECES, AND (1) 4" PIECE	1-1/2" AND 1-5/8" TUBE
EACH	DESCRIPTION	APPLICATION
C72-156	3' PAD	1-1/2" AND 1-5/8" TUBE
C72-157*	3' PAD (5/8" THK) * Does not include velcro	1" TUBE







## Door Kits



C73-490



C73-492

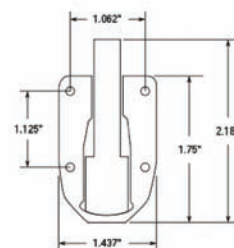
### Access Door Kit

Provides easy access to knobs, fill caps, and computers. Complete kit includes aluminum door, stop flange, hinge, access door release, and all mounting hardware.

DOOR KIT	
KIT	DESCRIPTION
C73-490	5" x 5" DOOR
C73-492	8" x 12" DOOR



C73-480



### Access Door Release

This flush mounted release is made of stainless steel, with 1/16" offset. Spring is loaded and equipped with positive lock. It is ideal for access doors.

### Aluminum Hinge

Perfect for access doors. Lightweight aluminum is 1/16" thick x 1-1/16" wide x 12" long.

HINGE	
EACH	DESCRIPTION
C73-485	ALUM HINGE



ACCESS DOOR RELEASE	
EACH	DESCRIPTION
C73-480	ACCESS DOOR RELEASE

### Escape Hatch Latch

Positive locking and easily released, these latches are constructed of stainless steel and anodized aluminum for corrosion resistance.

HATCH LATCH	
EACH	DESCRIPTION
C73-481	SMALL BUTTON - FLAT HOOK
C73-482	LARGE BUTTON - FLAT HOOK
C73-483	SMALL BUTTON - LONG HOOK
C73-484	LARGE BUTTON - LONG HOOK



C73-481



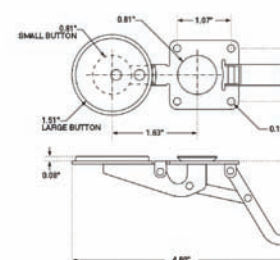
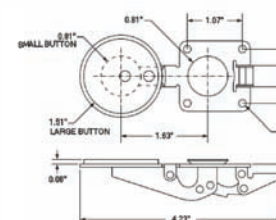
C73-482



C73-483



C73-484



## Precision Components for Professional Fabrication



C72-079

### Narrow Wheel Cradles

May be permanently attached to floor of trailer for positioning of car. Narrow size is for dragster front wheels. Sold as a pair.

WHEEL CRADLES	
PACK OF (2)	DESCRIPTION
C72-079	NARROW WHEEL CRADLES



C72-078

### Door Car Wheel Cradles

This version of the wheel cradles accepts cars with wide front tires. Provides location and stabilizes car in your trailer. Sold in set as shown.

WHEEL CRADLES	
SET	DESCRIPTION
C72-078	WIDE WHEEL CRADLES



C72-074

### Floor Jack Wheel Cradles

These floor jack wheel cradles are designed to keep the floor jack from moving while transporting to the track. Sold in set as shown.

JACK WHEEL CRADLES	
SET	DESCRIPTION
C72-074	FLOOR JACK CRADLES

## Stabilizers



C72-070



C72-071



C72-076



C72-075

### Chassis Stabilizer

Stabilizes chassis movement during transport to help reduce chassis fatigue and suspension wear on dragsters or door cars. Easily inflated, includes 30# safety valve to prevent over inflation. Very durable, 1/2" thick rubber.

STABILIZER	
EACH	DESCRIPTION
C72-070	ROUND STABILIZER 18" DIA. (INFLATES UP TO 10")
C72-071	MIDGET STABILIZER 7" x 24" (INFLATES UP TO 4")
C72-076	WALL MOUNT FOR ROUND STABILIZER
C72-075	6' HOSE EXTENSION (FITS BOTH STYLES)



## Turbo Components



### Hi-Velocity 4 Barrel Manifold

This volumetric efficient smooth radius design outflows cast aluminum manifolds by 10%. High velocity eliminates fuel puddling resulting in a cleaner mixture with improved throttle response. Lightweight sheet aluminum construction features quality tig welding and micro-polishing. Restrictive adapters are not required. Optional defrost tube may have warm water or oil circulated through it to reduce condensation in cool or damp running conditions. Defrost tube has 1/4" NPT port.

#### HI-VELOCITY 4 BARREL MANIFOLD STANDARD VERSION

PART #	OUTLET SIZE	CARB FLANGE
C76-140	2-3/4" O.D.	4 BARREL
C76-141	2-3/4" O.D.	DOMINATOR
C76-142	3" O.D.	4 BARREL
C76-143	3" O.D.	DOMINATOR
C76-144	4" O.D.	4 BARREL
C76-145	4" O.D.	DOMINATOR



Shown with defrost tube.

#### HI-VELOCITY 4 BARREL MANIFOLD DEFROST TUBE VERSION

PART #	OUTLET SIZE	CARB FLANGE
C76-140-D	2-3/4" O.D.	4 BARREL
C76-141-D	2-3/4" O.D.	DOMINATOR
C76-142-D	3" O.D.	4 BARREL
C76-143-D	3" O.D.	DOMINATOR
C76-144-D	4" O.D.	4 BARREL
C76-145-D	4" O.D.	DOMINATOR

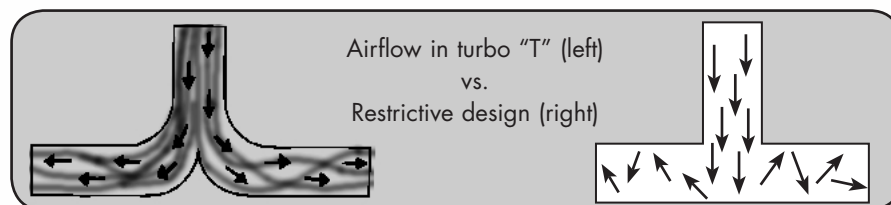
### Turbo "T" Center Section

The smooth radius bends flowing into these "T" center sections result in reduced friction, lower intake temperatures, and higher thermal efficiency.



#### TURBO "T" CENTER SECTION

PART #	INLET SIZE	OUTLET SIZE	FITS
C36-120	2" DIA.	1-5/8" DIA.	AIRESEARCH
C36-121	2" DIA.	1-3/4" DIA.	AIRESEARCH
C36-122	2" DIA.	2" DIA.	AIRESEARCH
C36-123	2" DIA.	2-1/4" DIA.	AIRESEARCH
C36-125	2-1/4" DIA.	1-5/8" DIA.	RAYJAY
C36-126	2-1/4" DIA.	1-3/4" DIA.	RAYJAY
C36-127	2-1/4" DIA.	2" DIA.	RAYJAY
C36-128	2-1/4" DIA.	2-1/4" DIA.	RAYJAY
C36-129	2-1/2" DIA.	2" DIA.	60 SERIES TURBO
C36-130	2-1/2" DIA.	2-1/4" DIA.	60 SERIES TURBO





## Boost / Gaskets / Flanges

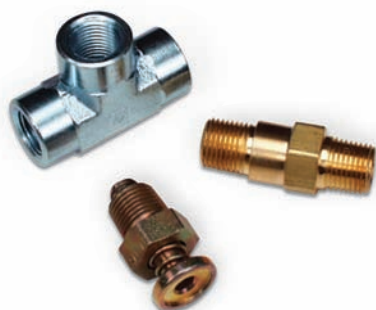


### Blow Proof Gaskets

Positive sealing internal compression ring works for both turbo and aspirated applications. The 1.550" I.D. gasket can be reused.

#### BLOW PROOF GASKETS

PACK OF (2)	DESCRIPTION
C76-438-2	BLOW PROOF GASKETS



### Boost Memory Kit

This compact kit accurately records maximum reading on all boost and blower gauges. Kit is easily reset and not influenced by vibration or fuel vapor. All fittings are 1/8" NPT.

#### BOOST MEMORY KIT

KIT	DESCRIPTION
C76-165	BOOST MEMORY KIT
EACH	DESCRIPTION
C76-166	RELIEF VALVE (ONLY)
C76-167	CHECK VALVE (ONLY)



### Steel Flanges

These heavy Mild Steel exhaust flanges are extra thick to prevent warping. Each flange is laser cut for the most accurate fit.

#### STEEL FLANGES

PACK OF (2)	APPLICATION	THICKNESS
C76-390-2	EXHAUST 2-BOLT VW 1-1/2" I.D.	3/8"
C76-391-2	EXHAUST 2-BOLT VW 1-5/8" I.D.	3/8"
C76-392-2	EXHAUST 2-BOLT VW 1-3/4" I.D.	3/8"
EACH	APPLICATION	THICKNESS
C76-430	TURBO INLET 4-BOLT SQUARE	5/16"
C76-431	TURBO OUTLET 4-BOLT ROUND	5/16"



### Dial-A-Boost

Alters wastegate setting without mechanical adjustment and allows infinite control of boost pressure. May be mounted in cockpit. The lightweight leak-proof construction is not affected by moisture or dirt. Compatible with most wastegates, adjusts 0-60 pounds. 1/8" NPT ports.

#### DIAL-A-BOOST

EACH	DESCRIPTION
C76-172	DIAL-A-BOOST
C76-174	REMOTE MOUNT PLATE & NUT



## Blow Off Valve / Apparel



### Blow Off Valve

The 1-5/8" diameter valve, with high volume oval porting, has proven effective in releasing turbo damaging excessive manifold pressure when throttle plate closes. Valve is CNC machined from lightweight billet aluminum and complete with positive seal o-ring. Port is 1/8" NPT.

#### BLOW OFF VALVE

EACH	DESCRIPTION
C76-150	BLOW OFF VALVE
C76-152	REPLACEMENT DIAPHRAM
C76-158	STEEL WELD-ON FLANGE
C76-159	ALUM WELD-ON FLANGE
C76-155	REPLACEMENT O-RING



#### BANNER

EACH	COLOR
C97-165-A	WHITE



#### T-SHIRT (BLACK)

EACH	SIZE
C97-120	S
C97-121	M
C97-122	L
C97-123	XL
C97-124	XXL



#### CAP

EACH	COLOR
C97-106	BLACK W/ RED TRIM



#### STICKER

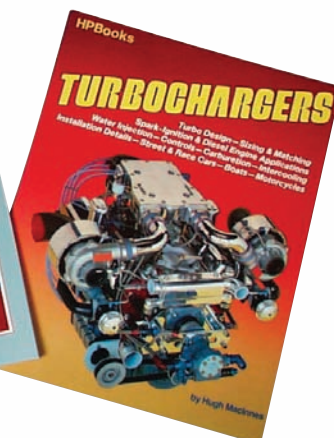
EACH	COLOR
C97-160-A	YELLOW

## Precision Components for Professional Fabrication

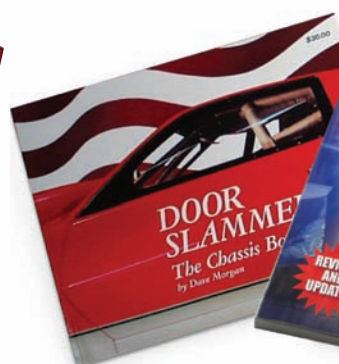
### Manuals



C80-022



C80-031



C80-010



C80-021

### Metal Fabricator's Handbook

How to build structurally sound, good-looking metal parts for custom street rods, race cars, or restorations. Over 350 step-by-step photos and instructions illustrate welding, metal shaping, and design techniques.

#### HANDBOOK

EACH	DESCRIPTION
C80-022	METAL FAB

### Turbochargers

How to select and install the correct turbo for 50% to 300% high performance improvement. "Everything you could possibly need to know about turbochargers for automotive applications is in this book." – POPULAR CARS

#### MANUAL

EACH	DESCRIPTION
C80-031	TURBOCHARGERS

### Door Slammers

Absolutely the most complete book on door slammer chassis science ever written. Chapters include Chassis Theory, Chassis Structure, Shocks & Springs, Front Suspension, Rear Suspension, Brake Systems, and Tires & Testing. A must for every serious racer or auto enthusiast.

#### MANUAL

EACH	DESCRIPTION
C80-010	DOOR SLAMMERS

### Welder's Handbook

Contains innovative instructions for all types of welding: automotive, aviation, and arts & crafts, as well as home repair. Practical projects and certification test procedures are included. Discusses processes, equipment, safety, and techniques.

#### HANDBOOK

EACH	DESCRIPTION
C80-021	WELDER'S





## Notes

A large rectangular area with a red border, containing 30 horizontal lines for taking notes.



## Terms & Conditions

**DISCLAIMER OF WARRANTY:** Neither the seller nor the manufacturer will be liable for any loss, damage or injury directly or indirectly arising from the use or inability to determine the use of these products.

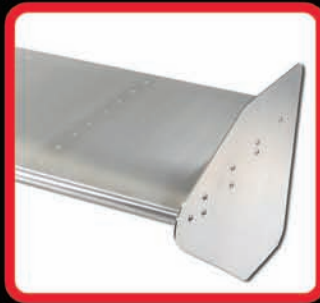
Before using, the user shall determine the suitability of the products for its intended use, and the user shall assume all responsibility and risk in connection herewith.

**SPECIFICATIONS:** Non-critical specifications are subject to change without notice.

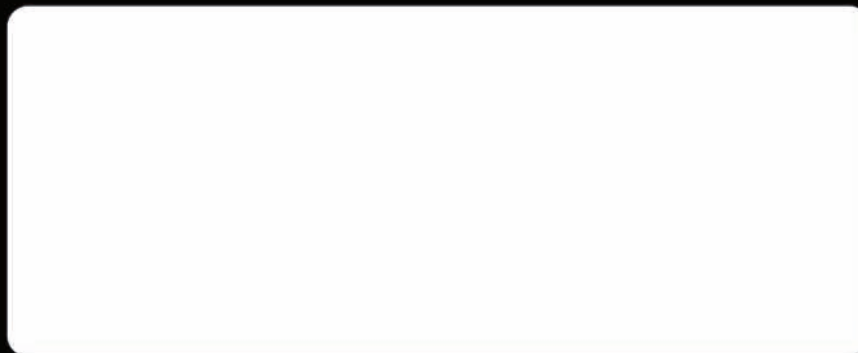
**CAUTION:** Products in this catalog which alter your engine performance are "Legal in California Only for Racing Vehicles Which May Never Be Used Upon a Highway." And may not comply with requirements of other state/local laws regarding noise or emission levels.

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