

Suspension Hardware

Threaded Tube Ends – Weldable



Threaded Tube Ends
(Groove indicates left hand thread)

These quality, 4130 chrome moly, threaded tube ends are used to fabricate linkages and suspension components. They're available in sizes to fit many common tubing diameters and wall thicknesses. Available with left or right hand female threads.

Warning: Only trust a highly skilled welder to fabricate any critical component.

| Thread Size | Tubing O.D. | Tubing Wall Thickness | Part No. | Price each |
|-------------|-------------|-----------------------|----------------------|------------|
| 10-32 | 3/8" | fits over O.D. | 3051-375-L or R | \$7.59 |
| 1/4-28 | 1/2" | 0.058" | 3053-500x058-L or R | \$3.99 |
| 5/16-24 | 1/2" | 0.058" | 3054-500x058-L or R | \$4.99 |
| 5/16-24 | 5/8" | 0.058" | 3054-625x058-L or R | \$4.99 |
| 3/8-24 | 3/4" | 0.058" | 3055-750x058-L or R | \$4.99 |
| 3/8-24 | 3/4" | 0.065" | 3055-750x065-L or R | \$8.99 |
| 3/8-24 | 7/8" | 0.065" | 3055-875x065-L or R | \$5.99 |
| 7/16-20 | 7/8" | 0.065" | 3056-875x065-L or R | \$5.99 |
| 7/16-20 | 1.000" | 0.065" | 3056-1000x065-L or R | \$9.99 |
| 1/2-20 | 7/8" | 0.065" | 3057-875x065-L or R | \$5.99 |
| 1/2-20 | 1.000" | 0.065" | 3057-1000x065-L or R | \$5.99 |
| 5/8-18 | 1.000" | 0.065" | 3058-1000x065-L or R | \$6.99 |

Bearing Shoulder and Reducer Bushings

Now in Metric!

1/2" to 3/8" Steel
Shoulder Bushings
Part No. CS1815B



1/2" to 3/8" Bronze
Reducer Bushing
Part No. 3079-50-375

These bushings allow a 1/2" I.D. suspension bearing to be mounted with a smaller bolt. We offer a variety of sizes and styles, with and without a shoulder. Grind down shoulders and sleeves as needed to suit your installation.

| Part No. | ID | Material | Shoulder | | Sleeve Length* | Price |
|---------------|-------|----------------|-------------|--------|----------------|---------------|
| | | | OD | Height | | |
| 3079-50-375** | 3/8" | Bronze | no shoulder | | 5/8" | \$1.59 ea. |
| CS1815B | 3/8" | Plated Steel | 5/8" | 3/16" | .285" | \$10.49 /4 pk |
| 3077-050-312 | 5/16" | Unplated Steel | 3/4" | 1/4" | 1/2" | \$10.49 /4 pk |
| 3077-050-375 | 3/8" | Unplated Steel | 3/4" | 1/4" | 1/2" | \$10.49 /4 pk |
| 3077-050-437 | 7/16" | Unplated Steel | 3/4" | 1/4" | 1/2" | \$10.49 /4 pk |
| 3077-050-M08 | 8mm | Unplated Steel | 3/4" | 1/4" | 1/2" | \$10.49 /4 pk |
| 3077-050-M10 | 10mm | Unplated Steel | 3/4" | 1/4" | 1/2" | \$10.49 /4 pk |

* Sleeve length is **per bushing**. Multiply by 2 when installing 2 bushings.

**This special non-shouldered bronze bushing allows a 3062-8 (15,500 lb.) rod end to be used instead of a 3063-6-8 (9,544 lb.) rod end where the higher strength is required.

Heavy-Duty Suspension Uprights



Swift DB6 Billet Front Upright This is an exact replacement for the Swift DB6 front upright, but it would be an excellent choice for original construction. These uprights are machined from billet aluminum for the ultimate in strength and reliability. Each upright includes a double-row sealed bearing already installed. The spacing refers to the distance from the axle centerline to the lower suspension pickup point.

Swift DB6 Front Upright

4.70" Spacing Part No. 1462-001-4.70 \$429.99
5.25" Spacing Part No. 1462-001-5.25 \$429.99



Swift DB5 / DB6 Billet Rear Upright This is an exact replacement for the original rear upright on the Swift DB5 and DB6. These uprights are machined from billet aluminum for the ultimate in strength and reliability. Each upright includes a double-row sealed bearing already installed. The bearing rides inside a 4130 steel sleeve for extra strength and longevity. Two sets of brake caliper mounting ears allow just one spare to cover both sides of the car.

Swift DB5 / DB6 Rear Upright Part No. 1462-002 \$549.00

Wheel Bearings



Our sealed double-row bearings are very high quality. Perfect for many formula and sports racing applications.

Wheel Bearing, 64mm O.D., 34mm I.D., 37mm wide
Part No. 1480 \$62.99
Fits some Van Diemen-3 (front).

Wheel Bearing, 75mm O.D., 42mm I.D., 37mm wide
Part No. 1481 \$69.99
Fits some Van Diemen, Ralt (rear).

Wheel Bearing, 88mm O.D., 49mm I.D., 46mm wide
Part No. 1482 \$102.99
Fits 1998 & newer Van Diemen FC / FF.

Shock Absorber Mounts



These two shock mount brackets can be used in a variety of applications. One is designed to be welded to a flat surface and the other is for welding to round tubing. The support bushing on one side is left loose so that it can be welded at the correct spacing for your shock eye. Includes a heavy-duty 1/2 inch bolt and self locking nut for mounting the shock. The bracket is fabricated from 11 gauge (0.112") steel.

Shock Absorber Bracket for mounting to flat surface
Part No. 97-010 \$9.99
Shock Absorber Bracket for mounting to round tubing
Part No. 97-011 \$10.99

Sway Bar Adjusters



These compact, beautifully machined and anodized adjusters provide 5 positive locking detents for making quick, precise and repeatable sway bar adjustments. The knob must be depressed nearly 1/4 inch to change the adjustment, so accidental contact in a tight cockpit is unlikely to change position. The included female rod end fits our #3460 push-pull cable (see page 51). Two 10-32 tapped holes are provided for mounting.

Sway Bar Adjuster, Single Part No. 3475 \$144.99
Sway Bar Adjuster, Dual Part No. 3476 \$364.99
Two handles to adjust two sway bars independently.

Penske Shock Absorber Service Parts

These are a few of the most popular Penske shock absorber parts and accessories we carry. You can find more on our website.

Penske Spherical Bearing Spiroloc Retainer
Part No. 8010-001 \$1.19
Aurora Replacement Spherical Bearing, PTFE Lined
Part No. AB-COMT-8 \$14.99
This upgraded bearing is self-lubricating.
Aurora Heavy-Duty Spherical Bearing, PTFE Lined
Part No. AB-COMT-KH-8 \$21.99
Features a heat-treated race for 50% greater strength.

Penske 32 Gram Shock Bump Rubber (Tan)
Part No. 8018-32 \$22.99
Penske 38 Gram Shock Bump Rubber (Black)
Part No. 8018-38 \$23.99
The 32 Gram (Tan) bump rubber is softer than the 34 Gram (Black). It takes about 50% more force to compress the 34 Gram than the 32 Gram.

Shock Inflation Tools

Shock Inflation Tool with Analog 300 psi Gauge
Part No. 8021-001



Replacement Schrader Coupler, Part No. 8021-003

Turn this hex to screw the coupler to your Schrader valve
Twist this bar to open the Schrader valve in a separate step



A Shock Inflation Tool is critical for optimum shock management. These tools allow you to open the shock valve after connecting the tool so you won't lose any pressure.

Shock Inflation Tool with Analog 300 psi Pressure Gauge Part No. 8021-001 \$119.99
This compact inflation unit features an anodized aluminum body and an analog (dial-type) 300 psi pressure gauge.
Replacement 300 psi Gauge Only for Shock Inflation Tool Part No. 8021-002 \$43.99
Replacement Schrader Coupler Only for Shock Inflation Tool Part No. 8021-003 \$39.99
This two-step fitting screws onto a Schrader valve and then opens the valve in two separate steps to prevent loss of pressure. Also an excellent basis for a fuel testing port or fuel pressure testing rig for fuel injected cars! Male 1/8" NPT threads.
Intercomp Shock Inflation Tool with Digital 300 psi Pressure Gauge (not shown) Part No. 100675 \$545.00
Digital gauge reads to 300 psi in 0.5 lb increments. Includes Schrader valve adapter for Penske shocks.
Needle Valve Adapter Only for Ohlins shocks Part No. 100678 \$69.00