

Strange Pro Race Axles



Strange Ultra Light flange for solid axle (pictured above)



Strange Ultra Light axle for gun-drilled axle (pictured above)



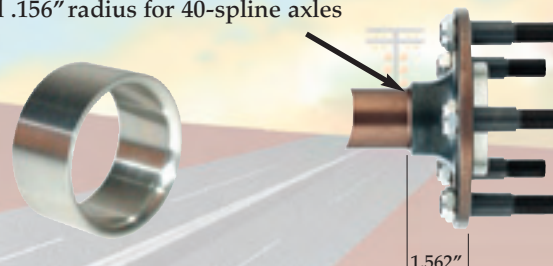
See pages 11-14
for axle packages

A2000 Lightweight axles- Pro Race (Hy-Tuf) 40-spline gun-drilled (.875" i.d.) axles, any length (maximum axle length 30"), choice of bolt circle, and with five 1" i.d. lightening holes machined into each axle flange. Tapped for 1/2" or 5/8" screw-in studs (pair)..... \$522.50

A2100 Pro Race (Hy-Tuf) 40-spline solid axles, any length, choice of bolt circle, and with five 1" i.d. lightening holes machined into each axle flange. Tapped for 1/2" or 5/8" screw-in studs (pair)..... \$437.80

A1006 Lightweight flange option- Pocket mill axle flange (Ultra Light) for solid or gun-drilled axles. Gun-drilled axles with this option are also lightened underneath the Strange logo (-1.50 lbs. compared to five 1" holes) (pair)..... \$74.50

Special .156" radius for 40-spline axles



About the 40-spline radius ring... The axle bearing shoulder, where the bearing rests against the axle, encounters a tremendous amount of stress. The axle bearing shoulder load, compared to OEM axles, is compounded by the use of slicks, larger diameter tires, aggressive launches, tire shake, and so on. Therefore, when we developed our 40-spline axle, which will certainly encounter the most abusive loads, we increased the strength in this highly stressed area.

The axle bearing shoulder can be strengthened by increasing the diameter of the bearing surface and minimizing the distance from the axle bearing shoulder to the outside of the axle flange. When we designed our 40-spline axle, we made the bearing surface o.d. to a giant 1.7735" and minimized the distance (1.5625") from the bearing shoulder to the outside of the axle flange by using a special 17-4 stainless steel radius ring. The radius ring allows us to significantly increase the radius of the axle bearing shoulder, which reduces stress concentrations. The axle bearing has a radius of only .100". If we did not use a radius ring we would be limited to a .100" radius for this highly stressed area. The stainless steel radius ring and mating bearing journal radius is machined to .156".