

Fabricated Drag Race Spindles for g-Machine Crossmember Suspension Systems



g-Machine Fabricated Drag Race Spindles

Chassisworks offers an extremely lightweight (6.56 lb), fabricated, chrome-moly spindle for weight-sensitive, drag race g-Machines with a crossmember and skinny tires (not recommended for street use). The use of finite element analysis (FEA) software enabled selective removal of excess material to reduce weight without decreasing strength or reliability. Our final design was first computer stress-tested for durability, then thoroughly physically tested prior to production. Components are CNC-machined with interlocking features, then fixture TIG-welded to ensure broad stable contact surfaces, consistent quality welds, and correct spindle geometry. Spindle uprights are 1-1/2" x .250"-wall chromemoly tubing and provide an extremely rigid and lightweight structural base for the remaining components. Balljoint-boss material thickness is increased at the overhanging end to establish a deeper bore with a larger taper contact area. Steering arms are a stout 1/2" thick with large machined pockets and 1/2" threaded outer-tie-rod hole for use with our threaded-stud bumpsteer kit (6167). The brake caliper mount is integrated into the welded spindle assembly, simplifying installation and eliminating any additional weight from adapter brackets or hardware. Geometry is borrowed from our performance-bred g-Machine sculpted spindle for proven, responsive, and predictable steering characteristics. Recommended brakes for use with fabricated spindles are unvented 11-3/4" medium-duty (8336) or vented 11-3/4" heavy-duty (8337) kits. Spindles accept large 1.378"-inner and 0.866"-outer wheel bearings and ship with black-powder-coat finish and necessary hardware.

Part Number	Description
6166	Fabricated Drag-Race Spindles, g-Machine Crossmember System, Black-Powder-Coat Finish (pair)



Notes:

All prices subject to change. Current pricing available at www.cachassisworks.com.



Chris Alston's Chassisworks, Inc.
8661 Younger Creek Drive
Sacramento, CA 95828

Order: 800-722-2269
Tech: 916-388-0288
Fax: 916-388-0295

sales@cachassisworks.com
www.cachassisworks.com