

HI-TORQUE AXLES

MW STANDARD "HI-TORQUE" AXLES: MW standard forged steel axles have set the quality standard in the industry for racing axles. The standard axles will normally be used in applications where weight is not a large factor for your car. The standard axle is the heavy duty version in the MW "Hi-Torque" axle line. Each MW axle order is custom manufactured per application with all axles designed to accept an axle bearing with the largest diameter possible for the particular housing end being used, then each axle shaft is tapered from bearing journal to spline. This combination of the large bearing diameter and tapered shaft increases torsion and bending capacity. All Mark Williams "Hi-Torque" axles are available in any spline and bearing combination with the bolt pattern or patterns of your choice and either 1/2" or 5/8" tapped stud holes. Dual patterns available without an extra charge. Flange lightening option available on standard axles for an additional charge. (weight 32 lbs*)

50100696.00 pair

SUPERLIGHT 35 SPLINE "HI-TORQUE" AXLES: Rears that are limited to 35 spline spools can take advantage of MW 35 spline gun drilled axles. These axles are pocket lightened and "gun drilled" where the center of the axle shaft is bored (11/16" dia.) the entire length to resemble a gun barrel. This process is performed in house and allows us to control the bore finish assuring a quality product. This results in a superior product, fully capable of handling the shock loads of the heavier Super Stock cars that are limited to 35 splines! These operations result in a weight savings of roughly 19% over a pair of standard 35 spline MW "Hi-Torque" axles. (weight saving is 6.88 lbs on a pair of 35 spline 24" long axles)

50550798.00 pair

SUPERLIGHT 40 SPLINE "HI-TORQUE" AXLES: The next step in the high strength light weight axles would be the Mark Williams SUPERLIGHT 40 spline "Hi-Torque" axles. In an effort to reduce rotating and un-sprung weight, these axles have been gun drilled to a 7/8" bore along with extensive milling of the axle flanges. This in conjunction with the additional machining behind the MW name plate and revised axle profile, result in a weight savings of approximately 35% over the standard MW axles. 40 spline axles are recommended for all race cars that can utilize a 40 spline spool. (19.9 lbs*)

50500853.00 pair

ULTIMATE "HI-TORQUE" AXLES: It doesn't get any better than this. The MW ULTIMATE "Hi-Torque" axles represent the latest in axle and material technology. The axle profile and flange lightening are carried over from the SUPERLIGHT axles. The use of aircraft 300M alloy forgings make it possible to enlarge the diameter of the gun drill bore to 1" diameter without sacrificing strength. This represents a savings of 2.6 pounds per pair! You won't find lighter axles. Anywhere!!! (weight 17.3 lbs*)

508001252.50 pair



*Axle weights are per pair for 40 spline axles less bearings and studs to fit a 31" wide housing.

DRAG RACE AXLE BEARINGS



56003

57803

58503

58504

58505

58507

58508

58509

58519

CB-58509

MW drag race axle bearings are special size ball and roller bearings. Many feature an "O" ring seal around the outside of the bearing. These are designed to utilize our wide selection of mating housing ends that will allow largest inside diameter, increasing the axle strength. Our technical representative can recommend the best bearing/housing end combination based on your brake requirements.

56003 Mopar Non-Adjustable Axle Bearings (pr) ..111.71
2.875" O.D., 1.562" I.D. for stock ends w/spiral lock.

57803 Small Ford Axle Bearings(pr)91.55
2.835"stock O.D. with larger than stock 1.562" I.D. stock Mustang end.

58503 Axle Bearings, 1-17/32" (pr)86.60
Sealed bearings 3.150" O.D.,1.532" I.D. stock Ford/Olds size.

58504 Axle Bearings, 1-5/8" (pr)104.00
Sealed bearings 3.150" O.D.,1.625" I.D. used for C-Clip eliminator.

58505 Axle Bearings, 45 mm (pr)114.00
Sealed bearings 3.150" O.D., 1.774" I.D. used for 40 spline axles

CB-58505 Axle Bearings, 45 mm (pr)546.00
Ceramic bearings, Sealed bearings 3.150" O.D., 1.774" I.D.

58507 Axle Bearings, 1-9/16"(pr)98.77
Sealed bearings 3.150" O.D., 1.564" I.D.

58508 Axle Bearings, 3.347 X 45 mm, wide (pr) . .303.00
Double row sealed ball bearings 3.347" O.D., 45 mm I.D. For 58595/58598 Heavy Duty Symmetrical ends (o-ring is in housing end).

58509 Axle Bearings, 3.347 45mm I.D. narrow (pr)217.54
Narrow bearing for 58599 Symmetrical Pro-Stock ends.

58519 Axle Bearings.3.347 x 45mm, wide (pr) . . .300.75
Wide single row bearings for deep 58595/58598 Heavy-Duty ends.

CB-58509 Axle Bearings,3.347 x 45mm (pr)624.48
Ceramic bearings, narrow, for 58599 Symmetrical Pro-Stock ends

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