

Bearings

American Classic Stainless Steel and Ceramic Bearing Specifications

Stainless Steel Bearings - Standard

All American Classic bearings have been redesigned for improved durability and smoothness. All new hubs have fully sealed, cartridge-style bearings with water-resistant, rust-inhibiting grease to help increase the bearing life. The bearings are 440C Stainless Steel, NEW for 2006 and standard on every wheel.

Ceramic Bearings - Upgrade

The improved 2006 (yellow seal) ceramic bearings feature Silicon Nitride ceramic balls that are harder and rounder than steel balls. Ceramic balls offer a smoother bearing surface resulting in less friction and improved performance. The races and retainer are stainless steel to reduce corrosion and extend the bearing life.

New Style Hubs with Stainless Steel Bearings Standard, Ceramic Upgrade available:

Micro 58 New Style front hubs with Screw-In end caps

Bearing	I.D.	O.D.	Thickness
688	8.0mm	16.0mm	5.0mm

Disc and Non-disc New Style front hubs

Bearing	I.D.	O.D.	Thickness
6803 C3	17.0mm	26.0mm	5.0mm

Rear hubs New Style with Patent Number and Serial Number

Bearing	I.D.	O.D.	Thickness
6803 C3	17.0mm	26.0mm	5.0mm

Original Style Hubs with Steel Bearings Standard, no upgrade available:

Micro 68 Original Style front hubs with Push-In end caps

Bearing	I.D.	O.D.	Thickness
R4	6.3mm	15.8mm	4.9mm

Disc and Non-disc Original Style front hubs with Push-In end caps

Bearing	I.D.	O.D.	Thickness
15267	15.0mm	26.0mm	7.0mm

Rear hubs Original Style with Patent Number only

Bearing	I.D.	O.D.	Thickness
15267	15.0mm	26.0mm	7.0mm

Bottom Brackets:

ISIS Bottom Bracket with Stainless Steel Bearings Standard, no upgrade available

Bearing	I.D.	O.D.	Thickness
6804 - modified	21.5mm	31.0mm	7.0mm

Square Taper Bottom Bracket with steel bearings, no upgrade available

Bearing	I.D.	O.D.	Thickness
6903	17.0mm	30.0mm	7.0mm

If you need help determining which hub you have, please refer to the Support page of amclassic.com. Scroll down to "Hubsets" and view the PDF documents with "Which Hub Do I Have?" in the name.

All repairs should be performed by a Professional Bicycle Mechanic.