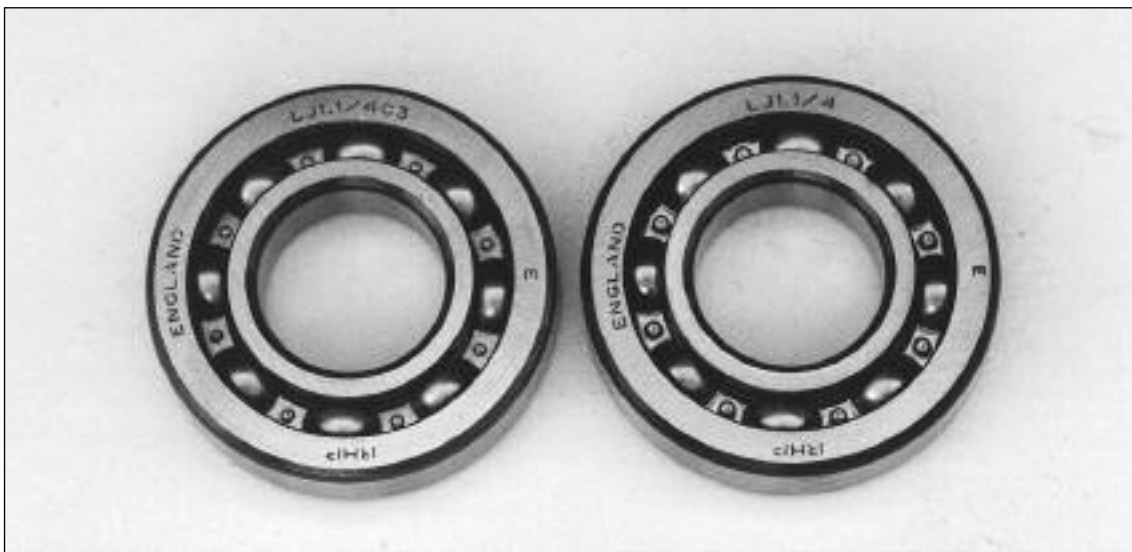


# C3 BEARINGS

From Chris Witor



**C3 Bearings**  
left overdrive annulus front - right diff/axle output



**Comparison**  
left C3 bearing - right CN normal

## C3 BEARINGS

A C3 bearing runs a looser radial clearance than a normal CN. This is usually due to there being a tight interference fit between the inner track and shaft to which it is mounted. A C3 bearing is marked 'C3' suffix after its part number. It may also be marked '000'. Normal CN bearings have no suffix

markings. A tight fit expands the inner track, reducing radial clearance, so when fitted, C3 clearance will be correct, whereas CN will be too tight.

C3 bearings are used in two locations in Triumph transmissions:

Differential / axle output bearings  
OE number 134465, RHP number LJ1.1/8C3.

Overdrive annulus front OE number SP74G, RHP Number LJ1.1/4C3.

When ordering these bearings through the Triumph trade, or aftermarket automotive bearing suppliers, always ensure that you will receive C3, and not CN.

Also when sourcing reconditioned overdrives or axles, ensure that C3 bearings as shown above are used.

Good suppliers will know this.

Radial internal clearance values for radial ball bearings 0.001mm units

Bore diameter	inch	mm over	incl	incl	CN (normal) min	CN (normal) max	C3 min	C3 max
30	40	1%	1%	6	20	15	33	