

Spherical Roller Modifications

[Industrial Bearings Solutions](#) are often approached to modify as well as refurbish spherical roller bearings. Many companies are often operate under the misconception that once a bearing has been produced it can no longer be modified in any way. This is not true. Many modifications can be carried out post production. To give you an idea we have listed some typical modifications below:

Producing taper or parallel bores

Inner rings with extra close running accuracy (1/4 ABEC1) and marked to show high and low points of eccentricity

Outer rings with extra close running accuracy (1/4 ABEC1) and marked to show high and low points of eccentricity

Combinations of the above two features

Rings and rollers with TDC coatings

Outer ring with lubrication holes

Outer rings with reduced diameter tolerance

Outer rings with counter drilled lubrication hole

Bearings inspected to meet specific quality requirements

Lubrication holes and machined groove in the center of the OD

Case hardening rings and rollers

Tapped holes in the face of the inner and outer to facilitate lifting

Plugging of oil holes

Inner ring with reduced bore diameter tolerance

Lubrication holes in Inner ring and lubrication grooves in face of retainer

Various combinations of the options above!

If you require a spherical bearing to be modified in any way, contact us now and we will arrange for a prompt and competitive quotation.

Contact us now and let us show you exactly what we can do for you.