



TIMKEN

SPACER BEARING ASSEMBLIES

Spacer bearing assemblies speed up bearing installation time because there is no need for bearing adjustment. Spacer bearing assemblies are suitable for use with two-row and four-row Timken® tapered roller bearings to preset the bench lateral (bench end play.) Most matched bearing assemblies have serial numbers to ensure correct installation sequence.

Timken spacer bearings are precisely ground to provide the exact bench lateral required for the particular bearing application.

Since each spacer is custom-fitted to a particular set of components, a spacer cannot be used with any other bearing components—even if they carry the same part numbers.

When ordering replacement bearing assemblies, specify:

- Cone number
- Assembly number

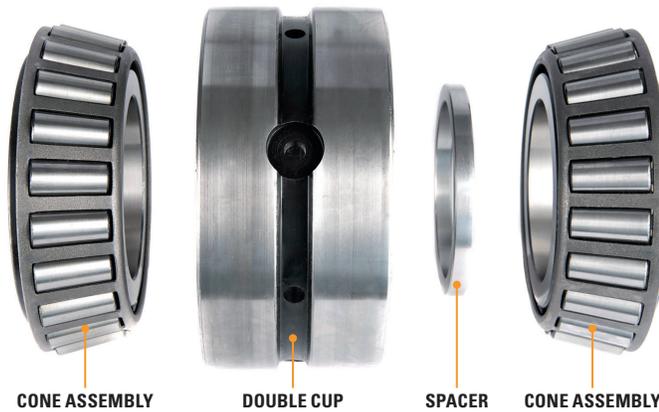
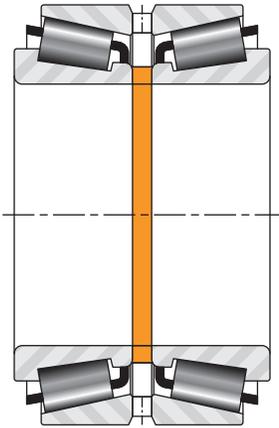
If you do not have the assembly number, specify the component part numbers including:

- Cone number
- Cup number
- Spacer number
- Bench end play, which is etched on the spacer

If you do not have any part numbers for the spacer assembly, specify:

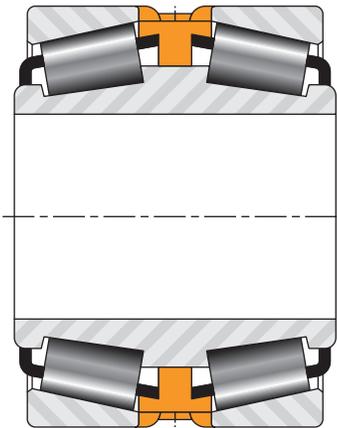
- Name of equipment manufacturer
- Model number
- Year
- Application position of the bearing

TAPERED DOUBLE OUTER (TDO)



This diagram depicts the way spacers are used between the cone front faces in the TDO bearing. The spacer fits between the two single cones.

TAPERED DOUBLE INNER (TDI)



Here is an example of how spacers are used between the cup front faces in the type TDI bearing. The spacer fits between the two single cups.

WARNING

Failure to observe the following warnings could create a risk of death or serious injury.

Always follow manufacturer's instructions. Failure to follow all instructions and to properly lubricate the bearing can cause equipment failure, creating a risk of serious bodily harm.

Over-filling or under-filling a wheel hub with lubricant may result in premature component failure, creating a risk of serious bodily harm.

Never spin a bearing with compressed air. The rollers may be forcefully expelled, creating a risk of serious bodily harm. Do not mix parts.

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The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

Stronger. By Design.

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