

Timken® Spherical Roller Bearing Mounting Accessories

TIMKEN
Where You Turn

Accessories for your every need.

To complement our line of Timken® spherical roller bearings, we offer bearing sleeves and locking devices in a wide range of metric sizes. These accessories are manufactured to the same quality standards as our bearings, ensuring a secure fit to straight and stepped shafts. Available in sizes up to 900mm, bearing sleeves are available in two distinct designs: assembled adapter sleeves and withdrawal sleeves.



Adapter Sleeves

Timken adapter sleeves are used in conjunction with a nut and locking device to mount a tapered bore bearing onto a straight shaft using a pull-type fit. Smaller size assemblies (17mm - 200mm shaft) commonly use simple nuts, whereas larger assemblies (sizes >200mm) may use HMV hydraulic nuts to assist in mounting. The chart below outlines our part number nomenclature,

Sleeve	Locknut	Locking Device
H standard metric	KM	MB
OH hydraulic assist	HM	MB
	KML	MBL

which is consistent with the world standards for adapter sleeves.



Withdrawal Sleeves

Withdrawal sleeves feature a push-type mounting arrangement and a locking device (i.e., locknut or lock plate) to secure a bearing to a shaft. This design is not as widely used as the adapter sleeve assembly and it does require the use of a specially designed dismounting nut. Timken's part number nomenclature for withdrawal sleeves also conforms to industry-accepted standards.

Sleeve	Dismounting Nuts	Hydraulic Nut
AH standard metric	KM, HM	HMV
AOH hydraulic assist		

To learn more about our spherical roller bearing accessories, contact your Timken sales representative.

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