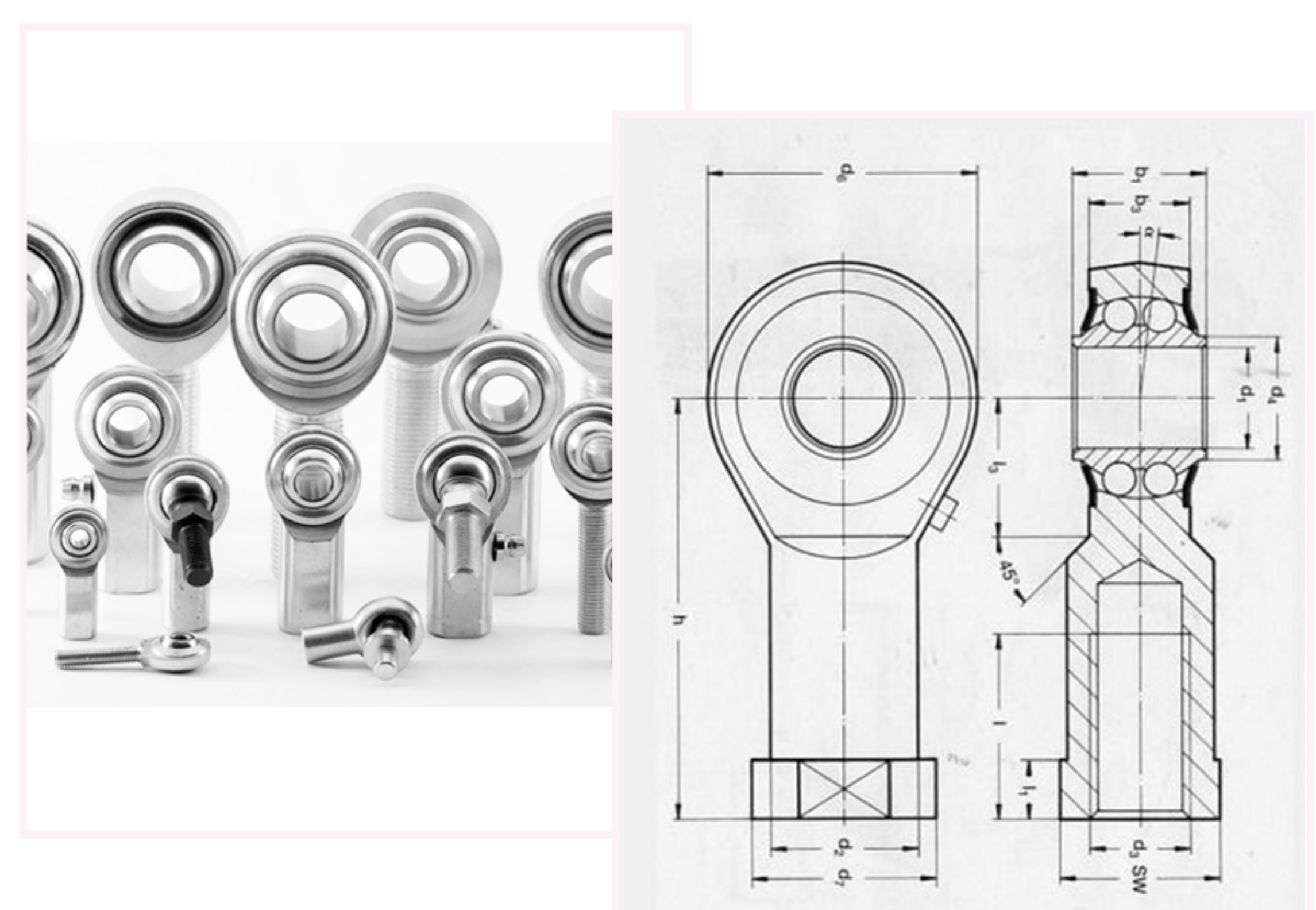
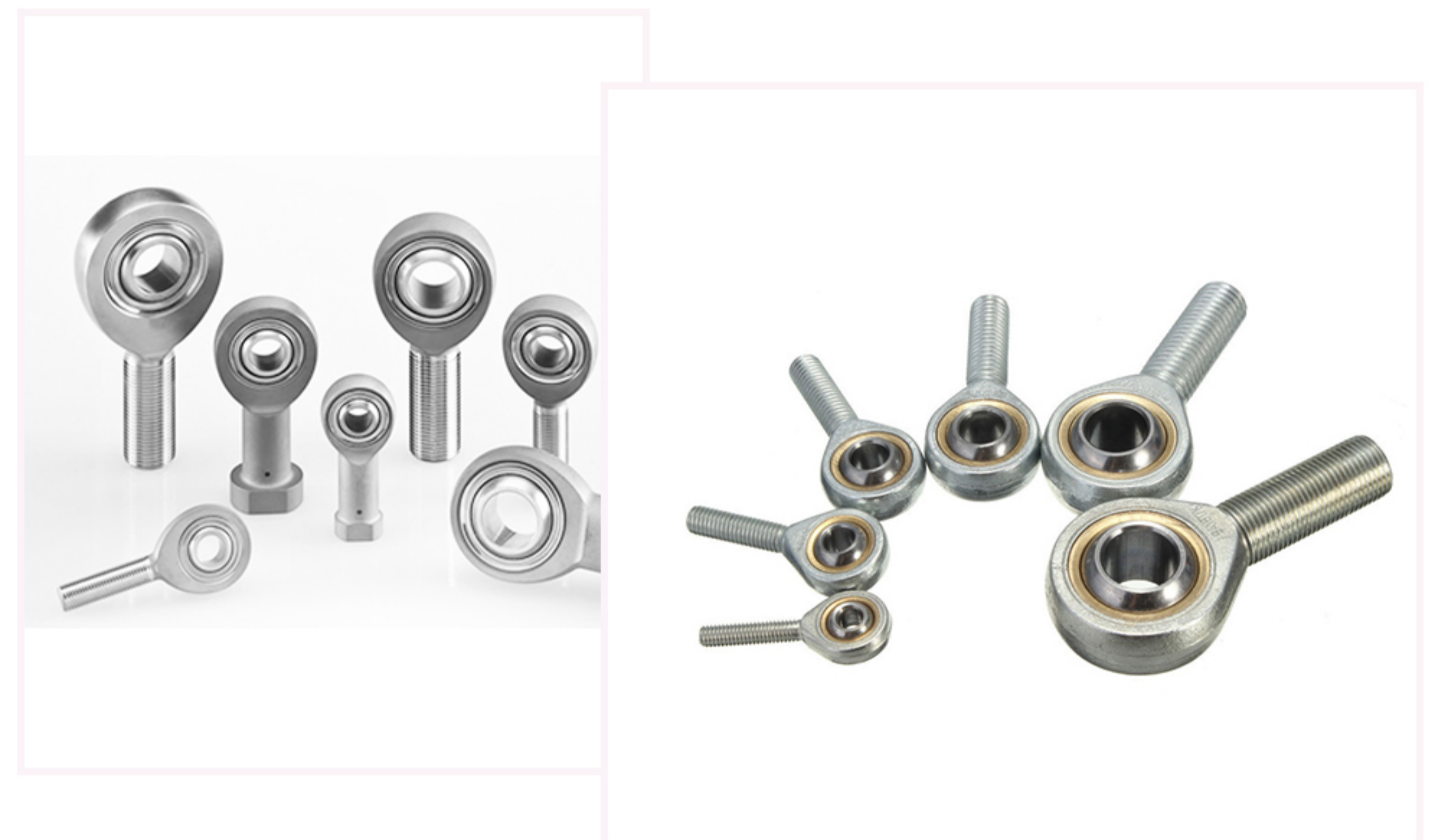


# Automobile Bearings

## Rod Ends:

Rod ends consist of an eye-shaped head with integral shank that forms a housing for a spherical plain bearing, the spherical plain bearing offers misalignment capability in a fixed housing position. Rod end offer ease in mounting and adjustment of position in installations such as mechanisms and control rods. Rod ends are available with a variety of plating, coatings and materials, they are available in both inch and metric sizes, and also available with left or right-hand female or male threads. Rod ends provide a compact, lightweight, economical design alternative to a conventional housing installation. They can be found in aircraft, cars, trucks, race cars, motorcycles, lawn tractors, boats, go-karts, radio-control helicopters, industrial machineries, and many more applications.



Types of Rod Ends
2-Piece Rod Ends
3-Piece Rod Ends
Loader Slot Rod Ends
Bronze Race Rod Ends
Injection Molded Rod Ends
Metric Rod Ends
Inch Rod Ends
Hydrauli Rod Ends
Studded Rod Ends
Ball Joint Rod Ends
Stainless Steel Rod Ends
Custom Rod Ends

## Spherical Plain Bearings:

Consisting of inner and outer rings with spherical sliding surfaces, spherical plain bearings can accommodate heavy radial loads and bi-directional axial loads at the same time. They are available in multiple configurations to satisfy diverse demands and applications including construction, mining, automation, farming and machine tools, off-highway equipment, transportation.



- Open & Sealed
- Inch & Metric Dimensions
- Self-lubricating PTFE Liners or Metal to Metal

Additional designs of spherical plain bearings also include high misalignment, angular contact and extended inner rings. It can also be supplied in stainless steel materials for corrosive environment.

Bearing Series		Bore Diameter Range
Radial Spherical Plain Bearings	GE...E	φ4 - φ12
	GE...ES	φ15 - φ300
	GE...ES-2RS	φ15 - φ300
	GEG...E	φ4 - φ12
	GEG...ES	φ15 - φ280
	GEG...ES-2RS	φ15 - φ280
	GEEW...ES	φ12- φ125
	GEEM...ES-2RS	φ20- φ80
	GEF...ES	φ12- φ150
	GEZ...ES	φ12.7- φ152.4
	GEZ...ES-2RS	φ12.7- φ152.4
	GEBK...S	φ5- φ30
Radial Spherical Plain Bearings Maintenance Free	GE...C	φ4 - φ30
	GEG...C	φ4 - φ30
	GE...ET-2RS	φ15 - φ300
	GEG...ET-2RS	φ15 - φ280
	GEH...XT	φ100 - φ300
	GEH...XT-2RS	φ100 - φ300
	GEH...HC	φ100 - φ300
	GEH...HT	φ100 - φ300

## Wheel Hub Bearings

Wheel hub kit is an important part of wheel assembly, wheel hub bearing allows wheels to rotate easily with minimized friction between the wheels and axles to which the wheels are attached. Wheel hub bearing unit plays a crucial role in the safety and handling characteristics of vehicles. It's critical to the car performance, including the smoothness of the ride, fuel efficiency and the integrity of ABS.



Wheel hub bearings are available from 1st generation hub bearings to 4th generation hub bearings.

## Adapter Sleeves

Adapter sleeves are commonly used to mount and remove bearings with tapered bores onto cylindrical shafts.

They are also used to compensate for a size deviation between the bearing bore and shaft diameter or to convert sizes from metric to inch. Adapter sleeves are easy to install and require no additional location on the shaft. The bearing can be located at any position on the shaft when used on plain shafts.



Bearing Series	Bore Diameter Range
H3000 Series	φ120 - φ480
H3100 Series	φ100 - φ480
OH2300 Series	φ220 - φ280
OH3000 Series	φ220 - φ480
OH3100 Series	φ200 - φ480
H3200 Series	φ300 - φ480
H2300 Series	φ20 - φ280
H300 Series	φ20 - φ110
H200 Series	φ20 - φ110