



TECHNICAL INFORMATION



Spherical Plain Bearing Nomenclature (Part Numbering System)

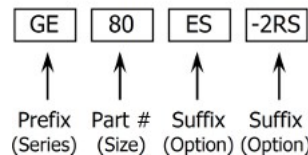
Each spherical plain bearing series can be divided into a prefix (series), main bearing number (size), and suffixes (options). The main bearing number depicts the bearing's bore nominal dimension in mm. The chart below describes the various prefixes and suffixes for each spherical plain bearing type supplied by AST Bearings.

Maintenance Type Spherical Plain Bearing Nomenclature

Prefix	Suffix	Description
GE		Metric Standard Spherical Plain Bearing
GEZ		Inch Standard Spherical Plain Bearing
GEG		Metric High Load
GEF		Thin Section Metric
GEGZ		Inch High Load
GEEM		Extended Inner Ring Sealed Metric
GEEW		Extended Inner Ring Metric
GEWZ		Extended Inner Ring Inch
GEC		2pc Outer Ring W/ Retaining Rings
GEK		2pc Outer Ring W/ Ret. Rings & Chrome Plated Inner
GEBJ		Metric Carbon Steel Outer Pressed Around Inner
GEFZ		Inch Carbon Steel Outer Pressed Around Inner
GEBK		Bronze Lined Outer Race
	E	No Lube Holes Or Grooves
	ES	Lube Holes And Annular Groove
	S	Chromium Plating On Inner Ring
	-2RS	Double Sealed
	XS	2 Pc. Outer Ring With Retaining Rings
	HS/K	Spacer Between 2pc. Outer Ring

Example:

GE80ES-2RS



This is a metric standard spherical plain bearing, 80 mm bore, with Lube holes and annular groove, and double seals.



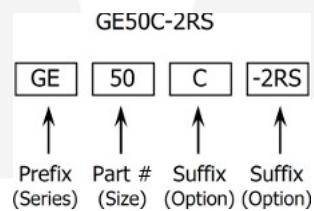
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Maintenance Free Spherical Plain Bearing Nomenclature

Prefix	Suffix	Description
GE		Metric Standard Spherical Plain Bearing
GEBJ		Thin Section Metric
GEC		2pc Outer Ring W/ Retaining Rings
GEFZ		Inch Standard Spherical Plain Bearing
GEG		Metric High Load
GEH		Metric High Load 2pc Outer W/Screws
GEZ		Inch W/ Double Seals
	-2RS	Double Sealed
	C	PTFE Composite Sliding Surface
	ET	Fractured Outer
	ET/X	Fractured Stainless Outer
	HC	2pc Carbon Outer W/Screws, PTFE Composite
	HF/Q	2pc Outer W/ Screws, Cu Alloy Inner
	HT	2pc Carbon Outer W/Screws, PTFE Fabric
	N	PTFE Plastic Sliding Surface
	S	Annular Grooves And Lube Holes In Inner Ring
	T	PTFE Fabric Sliding Surface
	XF/Q	2pc Outer W/ Retaining Rings, Cu Alloy Inner
	XT	2pc. Outer W/ Retaining Rings
	XT/X	2pc Stainless Outer W/ Retaining Rings

Example:



This is a metric standard spherical plain bearing, 50 mm bore, with PTFE composite sliding surface, and double seals.