

LUBSEAL®

LUBRICATION UNIT FOR BALL SCREWS

It can fit into the standard nut of G series ball screw without changing dimensions.

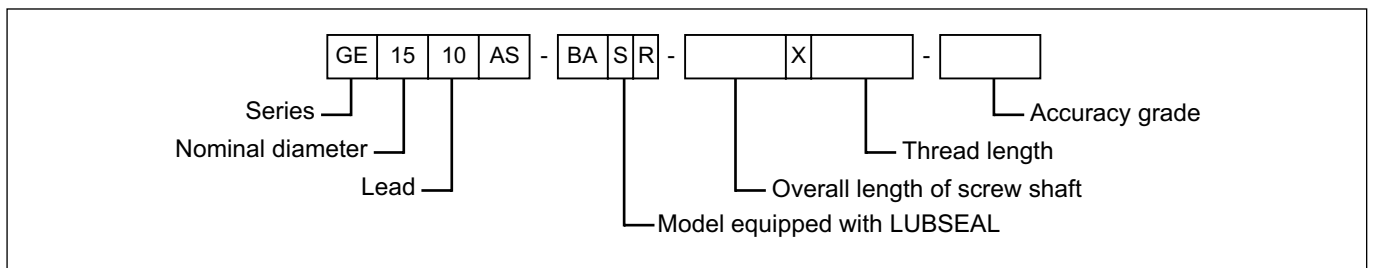
Most suitable for semiconductor and Liquid Crystal manufacturing equipment, food manufacturing machines, medical equipment, and car production facilities !

•FEATURES

- Assembled into the standard ball screw nut simply, neatly and compactly.
- Clean and friendly to environment
- Remarkably extends maintenance period.



•NOTATION



•BALL SCREWS THAT CAN BE FITTED WITH LUBSEAL

Screw shaft diameter (mm)	Lead (mm)	Ball screws that can be fitted with LUBSEAL
15	5	GP/GG/GE/GW/GY
	10	GG/GE/GW/GY
	15	GG/GE
	20	GG/GE/GW/GY
20	5	GP/GG/GE/GW/GY
	10	GG/GE/GW/GY
	20	GG/GE/GW/GY
25	5	GG/GE/GW/GY
	10	GG/GE/GW/GY
	20	GG/GE
	25	GG/GE/GW/GY

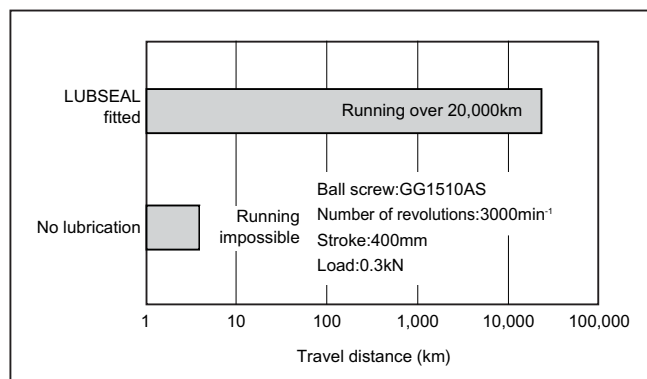
*For other leads from the above screw shaft dia. consult KURODA.

•SPECIFICATIONS

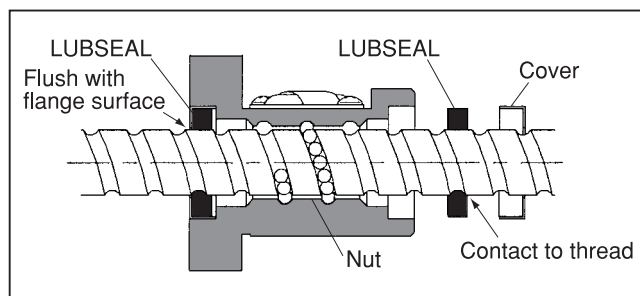
- Impregnated with grease having the same ingredient as Alvania grease No.2 contained in the nut. For other grease specifications, consult KURODA.
- For fitting of LUBSEAL to ball screws other than standard series, stainless-steel ball screws and surface-treated ball screws, consult KURODA.
- When LUBSEAL is fitted to ball screw of GY series, the screw shaft is not surface-treated.
- Operating temperature range is up to 50°C. For operating temperature exceeding this temperature, consult KURODA.
- Do not use organic solvent and rust preventive oil.

BALL SCREWS/ ACCESSORIES

•PERFORMANCE



•CONSTRUCTION



*Torque of ball screw will slightly increase due to ball groove contact of LUBSEAL.

Accuracy, axial clearance, preload and dimensions are the same as those of standard ball screws.



Operating Cautions

- Do not use organic solvent.
Do not use organic solvent; otherwise causing trouble.
- Do not use rust preventive oil.
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Ball screw is shipped with thin coat of grease applied to entire screw shaft and nut surface.
- Temperature and environment
Use LUBSEAL in environment where temperature does not exceed 50°C.
Use at temperature of higher than 50°C will cause trouble.
- Temperature rise during operation
As LUBSEAL touches screw shaft, heat will generate during operation.
Positioning accuracy changes by expansion of shaft as temperature rises.
Heating temperature depends on operating conditions and environments.
- Standard grease
Standard grease is "Alvania grease No.2" alone.
Do not use other grease.
- Avoid overrun.
As LUBSEAL contacts screw shaft, avoid overrun; otherwise causing trouble.
- Drag torque
As LUBSEAL contacts screw shaft, drag torque will be slightly increased so that nut free fall (with empty weight) may not observed.