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Caged Ball LM Guide

Use of a ball cage eliminates friction between balls, and achieves low noise, acceptable running sound, long-term maintenance-free operation, and superbly high speed response.



LM Guide

LM Guide(full-ball type) A series of types are available from miniature types to large types for machine tools, from linear guides to curved guides that suit a wide-range of applications.



Actuator

Lightweight, high rigidity aluminum base with Caged Ball LM Guides has been utilized for the guide portion. A screw or belt options are available for the drive system. In addition, Caged Ball LM Guides and QZ Lubricator for the Ball Screw has been utilized to provide a long-term maintenance free actuator.

- SHS-C
- SHS-LC
- SHS-LR
- SHS-LV
- SHS-R
- SHS-V
- SHW-CA
- SHW-CR/HRM
- SRS-M/N
- SRS-WM/WN
- SSR-XTB
- SSR-XV
- SSR-XVM
- SSR-XW
- SSR-XWM

- GSR-T
- GSR-V
- HR
- HR-M
- HR-T
- HR-TM
- HRW-CA
- HRW-CAM
- HRW-CR
- HRW-CRM
- HRW-LRM
- HSR-A
- HSR-AM
- HSR-B
- HSR-BM
- HSR-CA
- HSR-CAM
- HSR-CB
- HSR-CBM
- HSR-HA
- HSR-HAM
- HSR-HB
- HSR-HBM
- HSR-LA
- HSR-LAM
- HSR-LB
- HSR-LBM
- HSR-LR
- HSR-LRM
- HSR-R
- HSR-RM
- HSR-YR
- HSR-YRM
- RSR-M/N
- SR-SB
- SR-SBM
- SR-TB
- SR-TBM
- SR-V
- SR-VM
- SR-W/T
- SR-WM

- GL15N-B05
- GL15N-B16
- GL15N-EH
- GL20N-B05
- GL20N-B20
- GL20N-B40
- GL20N-EH
- VLA-CT
- VLA-ST



LM Guide Actuator

The LM Guide Actuator is a compact actuator with high rigidity and high precision that has an integrated LM Guide with a ball screw. Reductions in the number of parts and design man-hours can be realised by adopting the LM Guide Actuator.

- KR15
- KR20
- KR26
- KR33
- KR46

Ball Spline

The Ball Spline is a rolling guide spline bearing. This is an innovative product with a ball rolling on a groove connected to the shaft, realizing allowable loads greater than with linear bushing and enabling torque transmission while making linear movements.

- High Torque
- Medium Torque
- Rotary Ball Spline

Linear Bushing

The Linear Bush is a linear guide used in combination with a LM shaft that has a cylindrical shaft. This product makes linear movements with a minimum of frictional resistance to provide highly accurate and supple movement.

- LM
- LMF
- LMF-L
- LMF-M
- LMF-ML
- LM-GA
- LMK
- LMK-L
- LMK-M
- LMK-ML
- LM-L
- LM-MG



Power Linear Bushing

Reduced Installation Time and Costs, Higher Load Capacity and Longer Service Life, Reduction in Material Costs and Energy-Saving Operation

- LMBS
- SCB
- SLB
- SFB



Precision Linear Pack

- ER



Cross Roller Ring

The Cross Roller Ring is a roller bearing with high rotation accuracy capable of bearing loads in every direction. Because it has orthogonally arranged cylindrical rollers, it can bear loads in every direction.

- RA
- RA-C
- RB
- RE



Cross Roller Guide

The Cross Roller Guide is a limited stroke linear guide that has precision rollers orthogonalized alternately. This product provides rigid yet supple linear motion and is particularly suitable for linear guidance where high rigidity and supple movement is demanded.

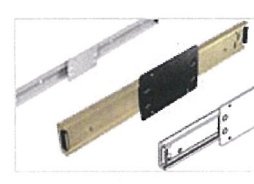
- VR



Cross Roller Table

The Cross Roller Table is a compact, high-precision, high-rigidity, limited linear guide unit with built-in cross roller guide. Easily installed with bolts, this product provides a high accuracy linear guiding mechanism.

- VRT
- VRT-A
- VRU



Slide Pack/Rail

The Slide Pack is an inexpensive linear guide configured with the press-formed slider and roll-formed rails. It provides lightweight, compact and supple linear motion.

- FBL
- FBW



LM Stroke

The LM Stroke is a linear guide with a type of ball bearings that can provide rolling



Ball Screw

The Ball Screw is a high-efficiency feed screw with the ball making a rolling motion



Lead Screw Nut

The Screw Nut is a sliding feed nut compatible with the standards for a 30-degree

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 SHOPPING CART: 0 ITEMS | TOTAL: \$0.00

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reciprocating motion. With a very small frictional coefficient, the LM Stroke provides a compact, highly precise guiding mechanism at an inexpensive price.

- Light-Load ST
- Light-Load ST-UU
- Medium-Load ST-B
- Medium-Load ST-UUB



Change Nut

The Change Nut is a sliding feed screw of 45° lead angle not easily available from machining. Its large lead angle is best suited to acquiring a quick traverse mechanism at a low revolution rate.

- DCMA
- DCMB

nut. Compared with a conventional sliding screw, this product has drive torque of one-third or less, making it most suitable for saving drive motor power.

- Cost Effective Screw Series CES
- Large-Lead Precision Ground
- Large-Lead Rolled
- Rotary
- Standard Assembly
- Standard-Lead Precision Ground
- Standard-Lead Rolled
- Support Unit



Spline Nut

Since the spline shaft's surface is provided with a mirror finish, smooth slide is achieved. In addition, the large contact area and the concentricity, which enables the center to be automatically determined as a torque is applied, allow the product to demonstrate stable torque transmission.

- DPM
- DP

Formed by die-casting special bearing alloy of superb abrasion resistance, it is an inexpensive high precision product.

- DC
- DCM



Cam Follower

The Cam Follower is a compact bearing with a high-rigidity shaft and a built-in needle bearing. Most suitable as a guide roller for cam mechanisms and linear motion of automated machines and dedicated machines.

- CF
- CF-B
- CFH-R-A
- CF-R-B
- CFN-R-A
- CF-R
- CF-R-A
- CFT
- CFT-R
- CFH-A
- CF-B



Roller Follower

The Roller Follower is a compact bearing with a high-rigidity shaft and a built-in needle bearing. Most suitable as a guide roller for cam mechanisms and linear motion.

- NART-R
- NART-VR
- NAST
- NAST-R
- NAST-ZZ
- NAST-ZZR
- RNAS
- RNAS-R



Spherical Plain Bearing

The Spherical Bearing is a heavy-duty self-aligning sliding bearing. Highly resistant to impact loads, this product is most fitted to the oscillating section under slow, heavy loads.

- SB
- SA1



Lubrication

An assortment of lubrication associated products is available to maintain sufficient lubrication of machines.

- AFA
- AFB-LF
- AFC
- AFE-CA
- AFF
- AFG
- Grease Gun Unit

Please note: Products are currently sold to continental U.S., Canada, and Mexico customers only.