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Linear Motion. Optimized."

Industry Solutions | Products | Support



by choosing the right linear rails for your applications

Achieving proper alignment in your machine design can sometimes be a challenge. However, knowing which linear components to use based on your design requirements can be an instant problem solver.

A recent article, "Picking the Right Linear Rails for Your Application," helps you choose amongst the main types of linear components to design automation systems that deliver optimal performance. Using real-world applications, it compares round and square (profile) rails as well as examines the specification of a linear motion system to guide your successful design.



Configure Your Round and Square Rail Applications >

Read the Article >

+ education/events



Tech Tips Video: How to Transfer a Ball Nut to a Ball Screw

Avoid falling victim to ball bearings falling out of your ball nut when transferring it to or from a ball screw. Watch this quick video that demonstrates the proper method of installing or replacing a ball nut.

This video will come in handy for:

- New ball screw installation
- Flip orientation of a ball nut
- · Ball nut replacement

Watch the Video >

+ applications/tools/products

			Save Project	Continue 3
Step 1 - Environment and Repeatability	?	1	2	3
VIRONMENT (select best match)	REPEATABILITY (select best match)	Solutions Based on Application Data		
Standard Factory Environment	No preference	All Possible Solutions		
Extreme Dust/Fine Particle Wash Down	Equal to or better than 0.100 mm Equal to or better than 0.025 mm	All Below(216)		
Enhanced Washdown		Solutions by Family	Price From	Life Departmenty
impact/Press/Vibration		· · · · · · · · · · · · · · · · · · ·		
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Step 2 - Motion Profile, Duty Cycle and Li	Ife Expectancy	(i) 🖂 whe page		
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W DO YOU WANT TO ENTER YOUR DATA?	Resulting Move profile	• 🗆 MLSH (3)		
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Design quicker, easier and smarter with Linear MOTIONEERING® for linear motion systems

Identify your optimal linear motion solution in minutes with our improved and expanded Linear MOTIONEERING, an intuitive tool that simplifies linear motion component sizing and selection to help you optimize your machine design.

Features and highlights include:

- Reduce time for component selection from hours to typically less than 15 minutes.
- Real-time adjustment and recalculating per your defined parameters.
- Get CAD-ready, three-dimensional models.
- Auto-population of product pricing based on your physical location.

Experience the new Linear MOTIONEERING tool now >



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