



Semiconductor Linear Guides



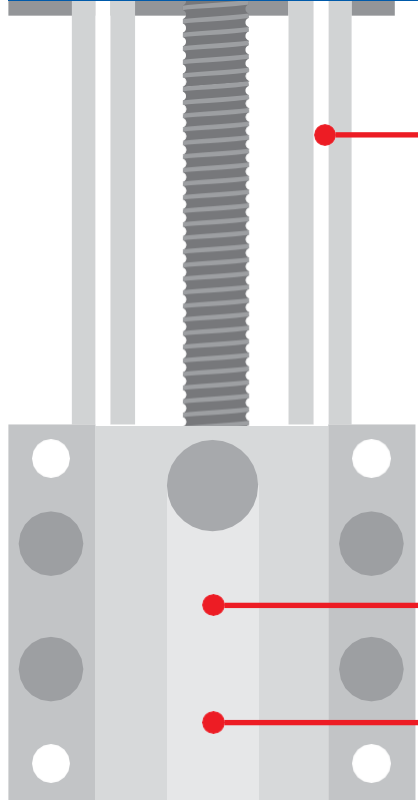
NyeTorr® products are recommended to help reduce friction and wear in a linear guide system to maintain high running accuracy and repeatability. These products exhibit excellent vacuum stability.



GUIDE RAIL

The guide rail must be able to move side-to-side with a smooth, controlled motion. A NyeTorr® product will reduce friction and wear, while also inhibiting corrosion to ensure long operating life. These products are recommended for use in vacuum environments, as they exhibit low outgassing.

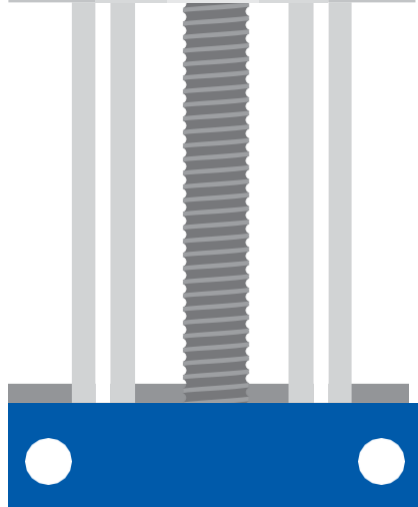
NyeTorr® 5200 & NyeTorr® 6300



BALL SCREW

A ball screw will facilitate precise, shifting movements in the linear guide system. The addition of a NyeTorr® product will reduce friction and allow metal components to slide against each other, while also preventing “stick/slip” noise.

NyeTorr® 5200 & NyeTorr® 6300



LEAD SCREW

A lead screw requires greater torque in the linear guide application, leading to higher friction levels and higher operating temperatures. The addition of PFPE based NyeTorr® product will extend the operating life of the lead screw.

NyeTorr® 5300XP & NyeTorr® 5350

Since 1844: Our performance is reflected in the value we bring to our customers.

Nye Lubricants is a leader in the innovation, formulation and provision of synthetic lubricants, enabling and improving breakthrough products and critical new technologies. We bring proven experience, deep technical knowledge and customer focus to solve our customers' toughest challenges, adding tangible value to products in a wide range of industries and applications.

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