HIWIN®

LINEAR GUIDEWAYS

Your application. One guide. Countless options, individually configured

Every application places different demands on a linear guide. Whether it is high loads, maximum precision, demanding environmental conditions or long maintenance intervals: the right specification makes all the difference. With HIWIN linear guideways, you get a high-quality linear guide that can be precisely tailored to your requirements. Discover the wide range of configuration options for improved performance, reliability and cost-effectiveness.

Your benefits at a glance:

- Customisable for your application
- Maximum precision and reliability in operation
- Long service life and reduced maintenance effort
- Optimal adaptation to a wide range of environmental conditions
- Everything from a single source: from profile rail guidance systems right through to complete automation system

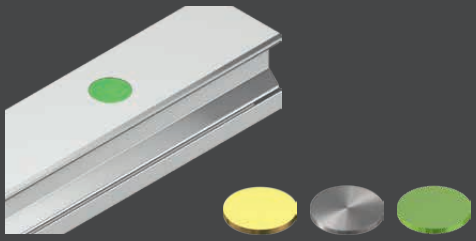
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ACCESSORIES AND OPTIONS FOR YOUR LINEAR GUIDEWAY

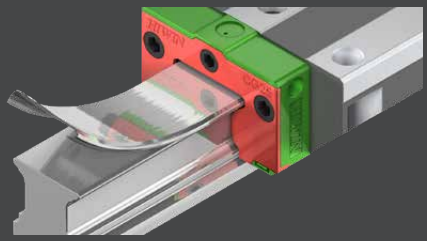
With the HIWIN sizing tool, you can easily find the right linear guideway for your application. You can use our product configurator to make individual selections from a wide range of technical accessories and options to suit your specific requirements.

THE FOLLOWING OPTIONS, AMONGST OTHERS, ARE AVAILABLE:



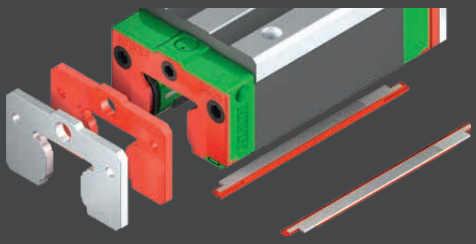
Cover caps

Cover caps reliably protect the mounting holes in the profile rails from dirt, dust, swarf and moisture. This ensures that smooth running and operational reliability are maintained in the long term, even under demanding operating conditions. Depending on requirements, different types of cover caps are available in plastic, brass or steel.



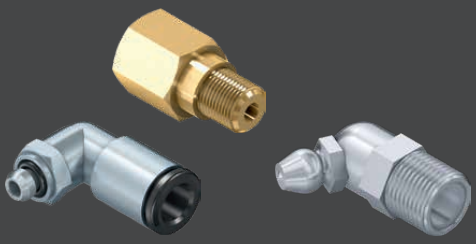
Cover strip

The cover strip reliably protects the tracks of the linear guideway against dirt and particles, ensuring a seamless, smooth rail surface. It is particularly suitable for applications with high standards of cleanliness, protection and an attractive appearance.



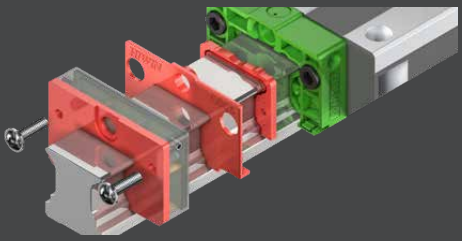
Sealing systems

Sealing systems prevent foreign matter from entering the ball tracks of the block whilst minimising the escape of lubricant. Depending on the environmental conditions, various seal variants are available which significantly increase the reliability and service life of the linear guideway.



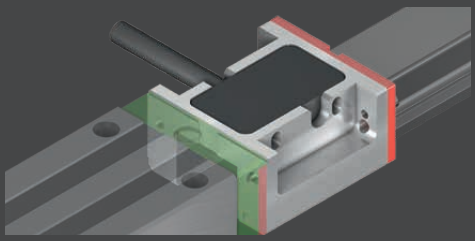
Lubrication connectors

Lubrication connectors enable the linear guideway to be supplied with lubricant easily and reliably. Depending on the installation situation, grease nipples, lubrication adaptors or push-in fittings are available. This allows lubrication to be optimally adapted to the requirements of your application and helps to ensure a long service life for the guide.



Long-life lubrication unit

Long-life lubrication units ensure a continuous supply of lubricant to the linear guideway over a long period. This reduces maintenance effort, extends relubrication intervals and contributes to high operational reliability and a long service life for the guide.



Distance measuring system

Integrated position measurement systems enable the precise measurement of position, speed and travel distance directly within the linear guideway. Thanks to their compact integration, there is no need for additional external measurement systems, which reduces design complexity and supports highly accurate positioning.

FURTHER CUSTOMISATION OPTIONS:

- **LUBRICANTS:** Specifically tailored to a wide range of applications. They reduce friction and wear, protect against corrosion and contribute to high operational reliability as well as long maintenance intervals.
- **COATING:** Zinc or thin-film chrome with reliable protection against corrosion and wear. This increases the durability of the linear guideway even under demanding operating conditions.

APPLICATIONS AND DOWNLOADS

CAD configurator

Sizing tool

Webshop

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