

From standard precision to measuring machine accuracy classes...
universal joints to give unlimited lengths

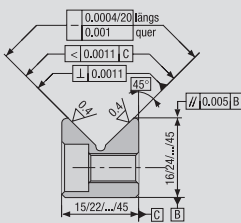
V guides

guide racks

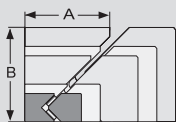
double V guides

prismatic guides

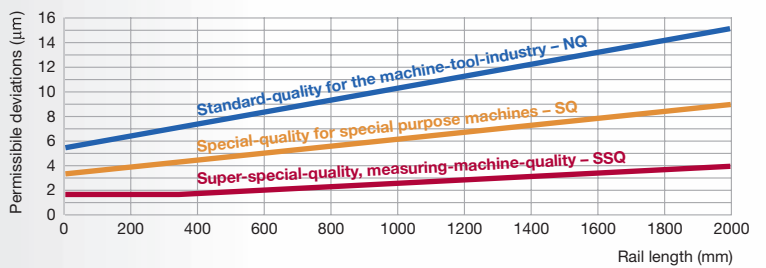
High geometric accuracies



any cross-section up to
AxB 150x50mm



Parallelism tolerances



Efficient pre-grinding

The cross hatch with high pressure results in a high straightness of the rail in the non-fixed condition. Surface finishes to $Ra = 1.0\mu m$ Parallelism $< 0.03mm/m$

End grinding

For straight or angled butt joints for gap-free multi-piece rails. This is done in efficient multiple settings.



Precision finish grinding

Precision grinding is where SCHNEEBERGER is recognized for quality. Extensive skills and 30 years of experience, gives us the competence to achieve extremely high levels of precision. Trackway to $Ra = 0.3\mu m$

Coatings and sliding materials

Coatings for hardness, corrosion resistance or aesthetics are available. Slideways with various ground plastic or metal frictionless wear strips.



Marking

For traceability or stock control the guideways are marked by laser. Butt joint ends are marked with identification numbers.

Quality Control

To ensure the high quality standards of SCHNEEBERGER, all products go through a comprehensive and stringent quality check before shipment.