

**tyzack**  **machine knives**



**ULTIMAX**

ULTIMAX Through Hardened Slideways

# THE ULTIMATE IN PRECISION.

Uniform Hardness to 60HRC +/-2HRC

Acknowledged by design engineers from leading machine tool builders as the ultimate in process control, ULTIMAX slideways are capable of delivering up to 30 years of maintenance free operation while achieving 100% pass rate machining accuracy.



Image courtesy of Ernst Grob AG Kaltwalzmaschinen (Switzerland)

Through hardening delivers incomparable levels of accuracy, durability and dependability. This is achieved through:

- Manufacture from the finest AISI A4 tool steel.
- Uniform heat treatment to 60HRC +/-2HRC.
- Maximum dimensional stability.
- Superior shock and vibration absorption compared to linear track systems.
- Complete homogeneity and uniform mass.

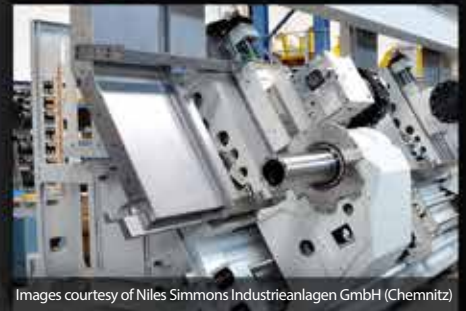
ULTIMAX slideways are engineered to run against the most frequently used materials including:

- Bronze
- Cast iron
- Roller bearings
- Turcite®

## Specified by Leading Companies for the Most Demanding Projects

The fundamental accuracy level of any machine is reliant on the slideways. ULTIMAX slideways are specified by leading manufacturers of critical projects including the engineering for Airbus A380 wing struts and the machining of engine blocks and parts supplied to prestige car builders. Across the world their proven longevity and outstanding endurance has led to a resurgence in demand for this proven technology.

- **Lifetimes of up to 30 years**
- **Fully regrindable**
- **Superior accuracy and longevity to linear track systems and zone hardened slideways**
- **Reduced maintenance and downtime**



Images courtesy of Niles Simmons Industrieanlagen GmbH (Chemnitz)

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