

## 4.2 Basic screw

Transport ball screws are used for applications with less emphasis on the high precision of positioning, e.g. trans-

port or lifting equipment, woodworking machines, etc. The screw thread is rolled.

### Basic technical parameters:

- Diameter up to 63 mm
- Accuracy classes T5, T7
- Minimum strength of the shaft material  $R_m = 650 \text{ MPa}$
- Efficiency approx. 93-95 %
- Operating temperature  $-20 \text{ }^\circ\text{C}$  to  $+60 \text{ }^\circ\text{C}$  (acc. to the lubricant type)

### Application:

- Transport mechanisms
- Woodworking machines tools
- Industrial automation
- Others

### Category characteristics:

- Very good quality/price ratio
- Standard geometrical and working accuracy, lifetime and load ratings in accordance with ISO 3408

