



Ratios	Speed range in RPM	Max. transmissible torque via speed in RPM
2/3	0 to 4667	96 Nm: 0-1446
1/1	0 to 7000	64 Nm: 0-2170
3/2	0 to 10500	42 Nm: 0-3255

- Turret rotation via digital AC-servomotor. Precision locking with Hirth coupling. Pneumatic pressure suitable for milling.
- The solid and robust turret head **ETR 36** is designed for inline or crossway installation on slide unit **UA 5**, or CNC 3-axis module **TRIAx 4** (see page 5.8) using base plate **PB 36**, section 6.
- Hollow shaft toolholder HSK 50: see section 7, page 7.5.
- **Options:** Coolant through spindle, other servomotor, other types of spindles, adaptation for multiple spindle heads and angle heads.
- **Order reference:**
For turret head **ETR 36-HSK 50**, 6 spindles HSK 50, mention transmission ratio: 1:1, 2:3, or 3:2.

Technical Data	
Drilling capacity	∅ 30 mm / 600 N/mm ²
Tapping capacity	M24 / 600 N/mm ²
Max. tangential force	2500 N
Max. transmissible torque	220 Nm
Brushless motor	Parvex HV 930EK
Max. motor rating	16.5 kW
Max. motor speed	7000 RPM
Index time, chip to chip	1.5 seconds
Max. spindle speed	12000 RPM
Concentricity	0.01 mm
Spindle repeatability	0.01 mm
Inductive limit switch	20-250 V AC/DC
Speed range	see table
Color	RAL 6018
Total weight	150 kg

Features	
1	HSK 50 with 4-point clamping set form C
2	Spindle with angular contact bearings
3	Splined coupling for drive and spindle
4	Rotation without lifting, Hirth coupling
5	Electrical connection PE 11
6	Pneumatic advance for splined coupling, pos. 3
7	Locking with Hirth coupling, pneumatic pressure
8	Pneumatic front for splined coupling, pos. 3
9	Adjustable motor housing 4 × 90°
10	Timing belt, standard ratios: 1:1, 2:3, 3:2
11	Standard: AC-servomotor Parvex
12	Option: AC-servomotor Indramat MKD
13	Steel housing, all-position mounting
14	Other spindles and adapters for multiple-spindle
15	Pneumatic pressure coupling