



## High-speed spindle compact, slim, BT 40, Speed: 50000 rpm



### Order data

Order number	358845 50000
GTIN	2050001871022
Item class	33I

### Description

#### Version:

Air-powered high-speed spindle, constant speed under load 25,000 – 65,000 rpm. depending on the version. Power up to 1kW.

#### Advantage:

- **Higher machining speeds with smaller tools.**
- **Protects the machine - speed is generated by the high-speed spindle - the machine spindle is stationary.**
- **Integral air cooling permits continuous use. No standstill times.**
- **Longer tool life.**
- **Very good surface quality of the tools - less requirement for regrinding.**

#### Application:

High-speed spindles allow higher cutting speeds and feed rates. They allow above all the use of tools with small diameters (6 mm).

#### Supplied with:

High-speed spindle, collet, collet clamping nut, wrench, sealing plug, air filter, connection hose.

#### Optional extras:

Tool-change turret for automatic tool-change. Required only for **external** air supply - available on request.

#### Note:

Use clean dry compressed air at approx. 6.2 bar.

Further spindles available on request: all commonly-used shank versions, different performance classes and speeds.

Arbor standard: JIS B6339

Type: 625S

External Ø D: 57.15 mm

External Ø D<sub>i</sub>: 25 mm

Overall length L: 25 mm

Shank length  $L_1$ : 55 mm  
Overhang A: 179 mm

## Technical description

Overall length L	25 mm
Speed	50000 rpm
External $\varnothing$ D	57.15 mm
External $\varnothing$ D <sub>1</sub>	25 mm
Shank length L <sub>1</sub>	55 mm
Overhang A	179 mm
Type	625S
Machining strategy	HSC
Adapter	BT 40
Arbor standard	DIN 69871
Arbor standard	DIN 69893
Arbor standard	JIS B6339
Type of product	High-speed spindle