

CoolSpeed®

**High-speed spindle housing, Type: TBL****Order data**

Order number	319991 TBL
GTIN	2050001960696
Item class	36D

**Description****Version:**

High-speed spindle, driven by coolant (10 – 60 bar), speeds up to 75,000 rpm.

**Application:**

Increased feed rate and cutting speed, for use above all with small-diameter tools (shank  $\varnothing$  3 – 6 mm). For use for drilling, deburring, engraving, and milling to a restricted degree.

**Note:**

Calculator for determining the desired speeds: <https://sfi-toodle.com/calculator-toodle-blue/>

Assembly of the headstock: <https://sfi-toodle.com/assembly-procedures/>

Cutting data calculation/recommended speed: <https://sfi-toodle.com/metal-cutting-calculations/>

External  $\varnothing$  D: 16 mm

External  $\varnothing$  D<sub>1</sub>: 25 mm

Shank length L<sub>1</sub>: 13.5 mm

L<sub>2</sub>: 48 mm

L<sub>3</sub>: 80 mm

$\varnothing$  D<sub>2</sub>: 30 mm

**Technical description**

L <sub>2</sub>	48 mm
$\varnothing$ D <sub>2</sub>	30 mm
L <sub>3</sub>	80 mm
External $\varnothing$ D	16 mm

External $\varnothing D_1$	25 mm
Shank length $L_1$	13.5 mm
Type of product	High-speed spindle