

CoolSpeed®**High-speed spindle housing, Type: TB90****Order data**

Order number	319991 TB90
GTIN	4045197911476
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 D₁: 25.5 mm

Shank length L₁: 13.5 mm

L₂: 40 mm

L₃: 70 mm

\varnothing D₂: 25 mm

Technical description

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External \varnothing D ₁	25.5 mm
Shank length L ₁	13.5 mm
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L ₂	40 mm
L ₃	70 mm
Type of product	High-speed spindle