

Garant

**Shrink-fit chuck extension 4.5° without length adjustment screw, L = 160 mm,
Ø d / Ø D1: 12/3mm**

**Order data**

Order number	302410 12/3
GTIN	4045197435255
Item class	31A

Description**Version:**

Bored through for internal coolant supply (IC).

Without length adjustment screw, **short**.

Application:

For use in shrink-fit chucks, hydraulic chucks, and ER collet chucks.

Note:

Maximum permissible speed 8,000 rpm.

Technical description

Bore Ø D ₁	3 mm
Ø D ₂	8 mm
Shank Ø d	12 mm
Overall length L	160 mm
Product name attribute	L = 160 mm
Type of product	Extension