

## Garant

**Shrink-fit chuck extension 4.5° without length adjustment screw, L = 210 mm,  
 Ø d / Ø D1: 12/4 mm**



### Order data

Order number	302413 12/4
GTIN	4062406544751
Item class	31A

### Description

**Version:**

Bored through for internal coolant supply (IC).

**Without** length adjustment screw, **medium**.

**Application:**

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

**Note:**

Maximum permissible speed 8,000 rpm.

Ø D<sub>2</sub>: 8 mm

### Technical description

Bore Ø D <sub>1</sub>	4 mm
Shank Ø d	12 mm
Ø D <sub>2</sub>	8 mm
Overall length L	160 mm
Product name attribute	L = 210 mm
Type of product	Shrink fit chuck accessories