

**Garant**

**Shrink-fit chuck extension 4.5° without length adjustment screw, L = 160 mm,  
Ø d / Ø D1: 32/12mm**

**Order data**

Order number	302410 32/12
GTIN	4045197435880
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**

Ø D <sub>2</sub>	24 mm
Shank Ø d	32 mm
Bore Ø D <sub>1</sub>	12 mm
Overall length L	160 mm
Product name attribute	L = 160 mm
Type of product	Extension