

Garant**Shrink-fit chuck 3°, extra slim, HSK-E 40 A = 60, Clamping Ø D1: 12mm****Order data**

Order number	308321 12
GTIN	4045197875754
Item class	31A

Description**Version:**

- All shanks hard turned (for smooth running!).
- HSK mating faces machined.
- Slim design (3° contour).

Extra-slim style.

Balancing quality 2.5 / 40,000 rpm.**Application:**

- Especially in operations in tool and mould making.
- For clamping tools with shank tolerance h6.

Optional extras:

Coolant tube No. 309880. Socket No. 309890. Shrink-fit chuck extensions No. 302410 sizes 12/3 and 12/4. Shrink-fitting units No. 354210 – 354450.

Technical description

Ø D ₂	15 mm
Overhang dimension A	60 mm
Clamping Ø D ₁	12 mm
External Ø D	19 mm
Adapter	HSK-E 40 A = 60
Arbor standard	DIN 69893

Arbor standard	ISO 12164-1
Shape	E
Balance quality G at rotational speed	G 2.5 at 40,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Type of product	Shrink-fit chuck

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/308321-12>