

**Garant**
**Shrink-fit chucks, HSK-E 40, Clamping range  $\varnothing$  D1: 16 mm**

**Order data**

Order number	308028 16
GTIN	4045197882240
Item class	31A

**Description**
**Version:**

- **High-temperature steel.**
- **Integral tool length adjustment, adjustment track 10 mm.**
- **Size 3 – 5 for carbide, from size 6 for HSS and carbide.**
- **All shanks hard turned (for smooth running!).**
- **With Balluffchip bore.**

**GARANT:** – HSK mating faces machined.

**Application:**

For holding milling cutters and drills with parallel shank to h 6 tolerance. Suitable for inductive, contact and hot air shrink-fitting units.

**Optional extras:**

Coolant feed pipe No. 309880. Plug-in socket No. 309890. Shrink-fit chuck extension No. 302410 – 302416. Shrink-fit units No. 354210 – 304755.

**Note:**

Not prepared for coolant pipe.

Machining strategy: HSC

Overhang dimension A: 60 mm

External  $\varnothing$  D: 32 mm

$\varnothing$  D<sub>2</sub>: 24 mm

**Technical description**

External $\varnothing$ D	32 mm
$\varnothing$ D <sub>2</sub>	24 mm

Overhang dimension A	60 mm
Clamping $\varnothing D_1$	16 mm
Adapter	HSK-E 40
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Type of product	Shrink-fit chuck

## Accessories

Cooling unit Type CU1	354215 CU1
Cooling adapter long 4.5° for clamping $\varnothing 12,1-16$ mm	354236 12,1-16
Subframe cupboard	354290
Shrink-fit unit Type SU1	354210 SU1
Screening plate for coil SU1 for clamping $\varnothing 12-20$ mm	354240 12-20
Cooling adapter short 4.5° for clamping $\varnothing 12,1-16$ mm	354235 12,1-16