



Shrink-fit chuck Power Shrink Chuck with Safe-Lock, HSK-A 100 short, Clamping range \varnothing D1: 20mm



Order data

Order number	307940 20
GTIN	4034221063854
Item class	34I

Description

Version:

Shrink-fit chuck for very high metal removal rates during high-performance cutting (HPC). The optimised design combines excellent stiffness with vibration damping. This protects the machine, spindle and tool.

- **Safe-Lock tool pull-out protection prevents the tool being pulled out accidentally.**
- **Higher metal removal rate due to higher speeds, higher feed rates and greater cutting depth.**
- **Shorter machining times.**
- **Runs more smoothly, which improves the surface quality and protects the tool, spindle and machine.**
- **With tapped holes for balancing with screws.**
- **With pluggable Cool Jet holes.**
- **With length adjustment screw (adjustment path 10 mm).**

Application:

For clamping tools with parallel shank to h6 tolerance **with Safe-Lock ground surface**. Suitable for all types of shrink-fit unit such as inductive, contact and hot air shrink-fit units.

Optional extras:

For milling cutters with Safe-Lock clamping flat, see solid carbide milling cutters.

Coolant pipe No. 309880, socket wrench No. 309890, shrink-fit units No. 354210 – 354450, balancing screw set No. 309906 size 180.

Note:

Other shrink-fit chucks with **Safe-Lock** available on request.

Technical description

Ø D ₂	44 mm
Clamping Ø D ₁	20 mm
Overhang dimension A	105 mm
Cooling channel bore	lockable
External Ø D	85 mm
maximum clamping depth L _E	52 mm
Adapter	HSK-A 100 short
Arbor standard	ISO 12164-1
Arbor standard	DIN 69893
Shape	A
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	3 µm
Machining strategy	HPC
Machining strategy	HSC
Tool pull-out protection	Safe-Lock h6
Type of product	Shrink-fit chuck