

Garant

4.5° shrink-fit chuck with security function, HSK-A 63, Clamping range Ø D1: 20 mm



Order data

Order number	307945 20
GTIN	4045197883650
Item class	31A

Description

Version:

- High-temperature steel.
- Integral tool length adjustment, adjustment 5 mm.
- For carbide tools.
- All shanks hard turned (for a smooth cutting action!)
- With Balluffchip bore.
- Strengthened version.

Advantage:

Positive connection between the shrink-fit chuck and tool

- Prevents the tool being pulled out accidentally - high safety!
- Prevents jerky radial movement.

In addition to the advantage of the process reliability, due to the reinforced design the chuck has a:

- Lower tendency to vibrate, i.e. longer tool life and better surface finishes.
- Higher clamping forces than with standard shrink-fit chucks.

Tools freely selectable! Shank grinding obtainable from Hoffmann, but also freely available!

Application:

For clamping tools with parallel shank to h6 tolerance. Protection against withdrawal: The tool must have a defined clamping flat. Suitable for inductive, contact and hot-air shrink units.

Optional extras:

Pull studs (PS) No. 308600 – 308800, PS pull stud wrenches No. 308810– 308830, shrink-fit units, accessories No. 354210 – 354450.

Note:

The milling cutter must be sharpened with a defined form. This form can be ordered for a new tool or an existing tool.

Number for sharpening form: No. 129100 + suitable size. You can even create the form yourself, the data is available at: <http://ho7.eu/anschliff>.

Overhang dimension A: 100 mm

External Ø D: 55 mm

Ø D₂: 44 mm

suitable tool grinding 129100: 20

Technical description

External Ø D	55 mm
Overhang dimension A	100 mm
Ø D ₂	44 mm
Clamping Ø D ₁	20 mm
suitable tool grinding 129100	20
Adapter	HSK-A 63
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HPC
Machining strategy	HSC
Type of product	Shrink-fit chuck

Accessories

Screening plate for coil SU1 for clamping Ø 20-32 mm	354240 20-32
Cooling unit Type CU1	354215 CU1
Cooling adapter short 4.5° for clamping Ø 16,1-22 mm	354235 16,1-22
Cooling adapter long 4.5° for clamping Ø 16,1-22 mm	354236 16,1-22

Shrink-fit unit Type SU1	354210 SU1
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Subframe cupboard	354290
Shank grinding Type AS20	129100 AS20