

Garant

4.5° shrink-fit chuck with security function, HSK-A 63, Clamping range Ø D1: 12mm



Order data

Order number	307945 12
GTIN	4045197883636
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>.

Clamping $\varnothing D_1$: 12 mm

Overhang dimension A: 90 mm

External $\varnothing D$: 42 mm

$\varnothing D_2$: 33 mm

suitable tool grinding 129100: 12

Technical description

suitable tool grinding 129100	12
Clamping $\varnothing D_1$	12 mm
$\varnothing D_2$	33 mm
Overhang dimension A	90 mm
External $\varnothing D$	42 mm
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	$\leq 3 \mu\text{m}$
Machining strategy	HPC
Machining strategy	HSC
Type of product	Shrink-fit chuck

Accessories

Cooling unit Type CU1	354215 CU1
Cooling adapter short 4.5° for clamping $\varnothing 9,1-12$ mm	354235 9,1-12
Shrink-fit unit Type SU1	354210 SU1

Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Subframe cupboard	354290
Screening plate for coil SU1 for clamping Ø 6-12 mm	354240 6-12
Cooling adapter long 4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Shank grinding Type AS12	129100 AS12