



## Shrink-fit chuck, HSK-A 63 A = 120, Clamping range $\varnothing D_1$ : 20 mm



### Order data

Order number	308191 20
GTIN	2050001690296
Item class	33W

### Description

#### Version:

From clamping  $\varnothing D_1$  6 mm with tapped holes for balancing screws.

Integral length adjustment of the tool from clamping  $\varnothing D_1$  6 mm (adjustment travel 10 mm).

- **High-temperature steel.**
- **Size 3 – 5 for carbide, from size 6 for HSS and carbide.**
- **With Balluffchip bores.**

#### Application:

- **For holding end mills and drills with parallel shank to h6 tolerance.**
- **Suitable for inductive, contact and hot air shrink-fit units.**

#### Supplied with:

For chucks with length adjustment including a length adjustment screw (from clamping  $\varnothing D_1$  6 mm).

#### Optional extras:

Coolant tube No. 309880, socket wrench No. 309890, shrink-fit chuck extension No. 302410 – 302416, shrink-fit units No. 354210 – 354450, balancing screw set No. 309906 180.

External  $\varnothing D$ : 42 mm

$\varnothing D_2$ : 33 mm

### Technical description

$\varnothing D_2$	33 mm
Clamping $\varnothing D_1$	20 mm
External $\varnothing D$	42 mm

Adapter	HSK-A 63 A = 120
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	A
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

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## Accessories

Subframe cupboard	354290
Cooling unit Type CU1	354215 CU1
Shrink-fit unit Type SU1	354210 SU1
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Cooling adapter long 4.5° for clamping Ø 16,1-22 mm	354236 16,1-22
Cooling adapter short 4.5° for clamping Ø 16,1-22 mm	354235 16,1-22