



Shrink-fit chuck, HSK-A 63 A = 120, Clamping range $\varnothing D_1$: 4 mm



Order data

Order number	308191 4
GTIN	2050001690203
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 $\varnothing D$: 22 mm

$\varnothing D_2$: 15 mm

Technical description

$\varnothing D_2$	15 mm
Clamping $\varnothing D_1$	4 mm
External $\varnothing D$	22 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

Accessories

Cooling adapter short 4.5° for clamping Ø 3-5,9 mm	354235 3-5,9
Screening plate for coil SU1 for clamping Ø 3-5 mm	354240 3-5
Cooling adapter long 4.5° for clamping Ø 3-5,9 mm	354236 3-5,9
Subframe cupboard	354290
Shrink-fit unit Type SU1	354210 SU1
Cooling unit Type CU1	354215 CU1