

Garant
Hydraulic chuck HT, HSK-A 100 short, Clamping range \varnothing D1: 20mm

Order data

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| Order number | 307555 20 |
| GTIN | 4045197543691 |
| Item class | 31H |

Description
Version:

- **Very high total rigidity due to optimised design.**
- **With RFID/Balluffchip bore.**
- **Axial length adjustment, adjustment travel 10 mm.**
- **Flexible due to use of reducing sleeves.**

Advantage:

- **Very high transmitted torque (550 Nm), providing high process reliability.**
- **Ideal damping characteristics, resulting in optimum surface finishes, increased tool life and spindle protection.**

Application:

- **Especially for heavy-duty milling.**
- **For clamping tools with shank tolerance h6.**

Supplied with:

Hexagon cross-bar wrench.

Optional extras:

Coolant tube No. 309880, socket wrench No. 309890, reducing adapters No. 302135 – 302187.

Note:

Caution in the case of extra-long tools and TPC machining.

Technical description

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| Reach L_1 | 56 mm |
| Overhang dimension A | 85 mm |

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| Clamping $\varnothing D_1$ | 20 mm |
| suitable reducing adapter | 302150; 302155; 302160; 302165 |
| External $\varnothing D$ | 52.5 mm |
| Adjustment travel V | 10 mm |
| Adapter | HSK-A 100 short |
| 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 | $\leq 3 \mu\text{m}$ |
| Machining strategy | HSC |
| Machining strategy | HPC |
| Type of product | Hydraulic clamping chuck |

Accessories

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| Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 14 mm | 302155 14 |
| Slotted reducing adaptersealed Clamping range $\varnothing D1$ 5 mm | 302160 5 |
| Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 5 mm | 302155 5 |
| Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 10 mm | 302155 10 |
| Slotted reducing adaptersealed Clamping range $\varnothing D1$ 16 mm | 302160 16 |
| Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 16 mm | 302155 16 |
| Slotted reducing adaptersealed Clamping range $\varnothing D1$ 14 mm | 302160 14 |
| | 302155 4 |

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| Slotted reducing adapterwith cooling Clamping range Ø D1 4 mm | |
| Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm | 302155 3 |
| Slotted reducing adapterwith cooling Clamping range Ø D1 12 mm | 302155 12 |
| Slotted reducing adaptersealed Clamping range Ø D1 6 mm | 302160 6 |
| Slotted reducing adapterwith cooling Clamping range Ø D1 8 mm | 302155 8 |
| Slotted reducing adaptersealed Clamping range Ø D1 10 mm | 302160 10 |
| Slotted reducing adaptersealed Clamping range Ø D1 3 mm | 302160 3 |
| Slotted reducing adaptersealed Clamping range Ø D1 8 mm | 302160 8 |
| Slotted reducing adaptersealed Clamping range Ø D1 12 mm | 302160 12 |
| Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm | 302155 6 |
| Slotted reducing adaptersealed Clamping range Ø D1 4 mm | 302160 4 |