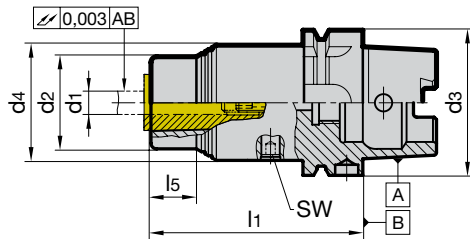


HSK-A precision clamping chucks

Product information

- for heavy-duty and high-speed machining
- HSK-A to ISO 12164-1/DIN 69893-1
- balancing quality: G2.5 / 20,000 rev./min or U < 1.2gmm
- for tool shank tolerance h6
- highest clamping force and stability thanks to mech. tension gearing
- actuation torque for clamping initiation 12Nm
- suitable for internal cooling up to 80 bar



Scope of delivery

- hexagon clamping key Guhring no. 4912 4,600 included
- order clamping sleeves Guhring no. 4302, 4235, 4236, 4237 separately
- order coolant delivery set Guhring no. 4949 separately
- for optimal operation order torque wrench 12 Nm Guhring no. 4915 12,000 and sockets Guhring no. 4916 4,000 separately



Series Number **4300**

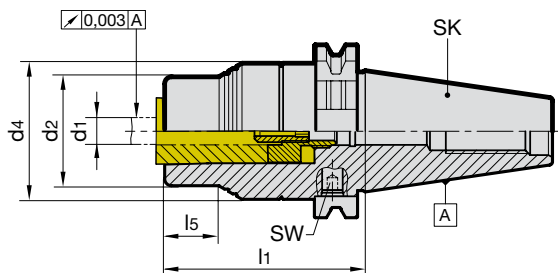
HSK-A d ₃	**Nominal Size	for clamping-Ø d _{1 h6} mm	d ₂ mm	d ₄ mm	l ₁ mm	l ₅ mm	SW	Order Code	EDP Numbers
63	20	3-20	40	53	92	20	4	20.063	9043000200630
100	20	3-20	40	70	100	18	4	20.100	9043000201000
100	25	16-32	70	70	139	-	4	25.100	9043000251000

**HPC chuck bore nominal size must match clamping sleeve nominal size

ISO taper precision clamping chucks

Product information

- for heavy-duty and high-speed machining
- SK taper to DIN ISO 7388-1 form AD
- balancing quality: G2.5 / 20,000 rev./min or U < 1.2gmm
- for tool shank tolerance h6
- highest clamping force and stability thanks to mech. tension gearing
- actuation torque for clamping initiation 12Nm
- suitable for internal cooling up to 80 bar central coolant supply form AD



Scope of delivery

- hexagon clamping key Guhring no. 4912 4,600 included
- order clamping sleeves Guhring no. 4302, 4235, 4236, 4237 separately
- order pull studs Guhring no. 4925 or 4926 separately
- for optimal operation order torque wrench 12 Nm Guhring no. 4915 12,000 and sockets Guhring no. 4916 4,000 separately
- form AD/B on request



Series Number **4301**

SK taper	**Nominal Size	for clamping-Ø d _{1 h6} mm	d ₂ mm	d ₄ mm	l ₁ mm	l ₅ mm	SW	Order Code	EDP Numbers
40	20	3-20	40	50	63	20	4	20.040	9043010200400
50	20	3-20	40	63	62	18	4	20.050	9043010200500
50	25	16-32	70	70	102	-	4	25.050	9043010250500

**HPC chuck bore nominal size must match clamping sleeve nominal size