

HSK toolholders

Designed for rotating applications, all our HSK toolholders are suited for high-speed applications where consistent performance is key.

DIN 69893/ISO 12164

Features and benefits

Total system runout TIR $\leq 3 \mu\text{m}$ @ 3xD

Our holistic system consists of a powRgrip® toolholder and collet. All components together ensure best runout and accuracy.

Toolholder runout TIR $\leq 1 \mu\text{m}$

Measured from collet cavity to outer taper.

Surface finish max. Ra 0.25

Achieve high clamping force and high transferable torque.

Hi-Q® balancing system

REGO-FIX HSK/PG toolholders are balanced to G 2.5 @ 25,000 rpm / <1gmm. Type H toolholders are ready to accept Hi-Q® balancing rings which allow precision-balancing of the system including cutting tool up to 80,000 rpm depending on the balancing rings used.

XL toolholders

Total system runout TIR $\leq 10 \mu\text{m}$
100% balanced to G 2.5 @ 5,000 rpm.

Vibration dampening

Our holders offer excellent vibration dampening to sustain a high surface finish and can prevent cutting force alterations.

Matched tooling system for best fit

For highest precision and best results the entire machining system counts. Therefore our components are carefully matched for optimum fit and accuracy. This guarantees the best runout and balance.

ID chip hole (only HSK form A)

In accordance with DIN 69873 for 10 mm diameter. Other HSK-forms available on request.

Balancing specifications

HSK 20	balanced to 90,000 rpm
HSK 25	balanced to 90,000 rpm
HSK 32	balanced to 60,000 rpm
HSK 40	balanced to 45,000 rpm
HSK 50	balanced to 36,000 rpm
HSK 63	G 2.5 @ 25,000 rpm
HSK 80	G 2.5 @ 25,000 rpm
HSK 100	G 2.5 @ 25,000 rpm
HSK 125	G 2.5 @ 25,000 rpm



Accessories are not included in delivery. Other XL sizes available on request

Expert advice

For all HSK-A and HSK-E form toolholders a range of coolant tubes (KSR) is available.

For KSR part numbers please refer to page 265.

HSK-A toolholders

HSK-A

DIN 69893

ISO 12164

powRgrip®

Type	Part no.	Dimensions [mm]						Accessory
		D	D1	D2	L	L1	L2	FWR *
HSK-A 32								
HSK-A 32/PG 10 x 060	2532.71020	16	–	–	60	–	–	–
HSK-A 32/PG 15 x 075	2532.71530	24	–	–	75	–	–	–
HSK-A 40								
HSK-A 40/PG 6 x 048	2540.70610	10	–	–	48	–	–	–
HSK-A 40/PG 6 x 080 H	4540.70640	10	–	–	80	–	–	225
HSK-A 40/PG 10 x 062	2540.71020	16	–	–	62	–	–	–
HSK-A 40/PG 10 x 080 H	4540.71040	16	–	–	80	–	–	225
HSK-A 40/PG 10 x 120 H	4540.71060	16	–	–	120	–	–	225
HSK-A 40/PG 15 x 074	2540.71530	24	–	–	74	–	–	–
HSK-A 40/PG 15 x 080 H	4540.71540	24	–	–	80	–	–	285
HSK-A 40/PG 25 x 090	2540.72540	40	–	–	90	–	–	–
HSK-A 40/PG 25 x 100 H	4540.72550	40	–	–	100	–	–	405
HSK-A 50								
HSK-A 50/PG 10 x 080 H	4550.71040	16	–	–	80	–	–	285
HSK-A 50/PG 10 x 120 H	4550.71060	16	–	–	120	–	–	285
HSK-A 50/PG 15 x 080 H	4550.71540	24	–	–	80	–	–	285
HSK-A 50/PG 25 x 100 H	4550.72550	40	–	–	100	–	–	405
HSK-A 63								
HSK-A 63/PG 6 x 080 H	4563.70640	10	–	–	80	–	–	225
HSK-A 63/PG 10 x 080 H	4563.71040	16	–	–	80	–	–	325
HSK-A 63/PG 10 x 120 H	4563.71060	16	–	–	120	–	–	325
HSK-A 63/PG 10 x 160 H	4563.71080	16	–	–	160	–	–	325
HSK-A 63/PG 10 x 200 H	4563.71090	16	–	–	200	–	–	325
HSK-A 63/PG 10 x 240 XL	8865.71070	16	46	28	240	140	31	–
HSK-A 63/PG 10 x 260 XL	8865.71090	16	46	28	260	140	31	–
HSK-A 63/PG 10 x 300 XL	8865.71130	16	46	28	300	140	31	–
HSK-A 63/PG 10 x 340 XL	8865.71170	16	46	28	340	240	31	–
HSK-A 63/PG 10 x 360 XL	8865.71190	16	46	28	360	240	31	–
HSK-A 63/PG 10 x 400 XL	8865.71230	16	46	28	400	240	31	–
HSK-A 63/PG 15 x 080 H	4563.71540	24	–	–	80	–	–	325
HSK-A 63/PG 15 x 120 H	4563.71560	24	–	–	120	–	–	325
HSK-A 63/PG 15 x 160 H	4563.71580	24	–	–	160	–	–	325/285
HSK-A 63/PG 15 x 240 XL	8865.73070	24	46	28	240	140	55	–

*Balancing rings H: Ready to accept balancing rings

Type	Part no.	Dimensions [mm]						Accessory
		D	D1	D2	L	L1	L2	FWR*
HSK-A 63/PG 15 x 260 XL	8865.73090	24	46	28	260	140	55	–
HSK-A 63/PG 15 x 300 XL	8865.73130	24	46	28	300	140	55	–
HSK-A 63/PG 15 x 340 XL	8865.73170	24	46	28	340	240	55	–
HSK-A 63/PG 15 x 360 XL	8865.73190	24	46	28	360	240	55	–
HSK-A 63/PG 15 x 400 XL	8865.73230	24	46	28	400	240	55	–
HSK-A 63/PG 25 x 085 H NL**	4563.72540	40	–	–	85	–	–	405
HSK-A 63/PG 25 x 100 H	4563.72550	40	–	–	100	–	–	405
HSK-A 63/PG 25 x 120 H	4563.72560	40	–	–	120	–	–	405
HSK-A 63/PG 25 x 160 H	4563.72580	40	–	–	160	–	–	405 / 405
HSK-A 63/PG 25 x 200 H	4563.72590	40	–	–	200	–	–	405 / 405
HSK-A 63/PG 25 x 240 XL	8865.76070	40	55	–	240	140	–	–
HSK-A 63/PG 25 x 260 XL	8865.76090	40	55	–	260	140	–	–
HSK-A 63/PG 25 x 340 XL	8865.76170	40	55	–	340	240	–	–
HSK-A 63/PG 25 x 360 XL	8865.76190	40	55	–	360	240	–	–
HSK-A 63/PG 32 x 100	2563.73250	50	–	–	100	–	–	–
HSK-A 63/PG 32 x 120 H	4563.73260	50	–	–	120	–	–	505
HSK-A 63/PG 32 x 240 XL	8865.78070	50	58	–	240	140	–	–
HSK-A 63/PG 32 x 260 XL	8865.78090	50	58	–	260	140	–	–
HSK-A 63/PG 32 x 340 XL	8865.78170	50	58	–	340	240	–	–
HSK-A 63/PG 32 x 360 XL	8865.76190	50	58	–	360	240	–	–

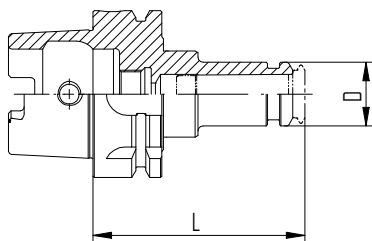
HSK-A 80

HSK-A 80/PG 15 x 085 H	4580.71540	24	–	–	85	–	–	325
HSK-A 80/PG 25 x 100 H	4580.72550	40	–	–	100	–	–	505
HSK-A 80/PG 32 x 105 H	4580.73250	50	–	–	105	–	–	505

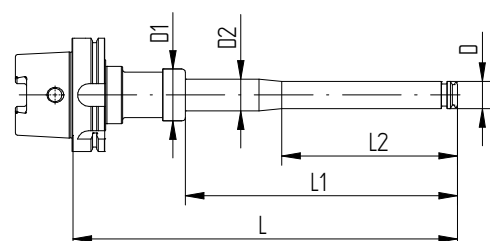
*Balancing rings H: Ready to accept balancing rings

HSK-A: Hole for data carrier DIN STD 69873 in the flange available on request

**Collets PG-L, PG-MQL and PG-CRYO cannot be used



HSK-A/PG



HSK-A/PG XL

HSK-A toolholders

HSK-A

DIN 69893

ISO 12164

powRgrip®

Type	Part no.	Dimensions [mm]						Accessory
		D	D1	D2	L	L1	L2	FWR*
HSK-A 100								
HSK-A 100/PG 10 x 085 H	4500.71040	16	–	–	85	–	–	405
HSK-A 100/PG 10 x 160 H	4500.71080	16	–	–	160	–	–	405
HSK-A 100/PG 10 x 240 XL	8885.71070	16	46	28	240	140	31	–
HSK-A 100/PG 10 x 300 XL	8885.71130	16	46	28	300	140	31	–
HSK-A 100/PG 10 x 340 XL	8885.71170	16	46	28	340	240	31	–
HSK-A 100/PG 10 x 400 XL	8885.71230	16	46	28	400	240	31	–
HSK-A 100/PG 15 x 085 H	4500.71540	24	–	–	85	–	–	405
HSK-A 100/PG 15 x 120 H	4500.71560	24	–	–	120	–	–	405
HSK-A 100/PG 15 x 160 H	4500.71580	24	–	–	160	–	–	405/285
HSK-A 100/PG 15 x 240 XL	8885.73070	24	46	28	240	140	55	–
HSK-A 100/PG 15 x 300 XL	8885.73110	24	46	28	300	140	55	–
HSK-A 100/PG 15 x 340 XL	8885.73170	24	46	28	340	240	55	–
HSK-A 100/PG 15 x 400 XL	8885.73230	24	46	28	400	240	55	–
HSK-A 100/PG 25 x 100 H	4500.72550	40	–	–	100	–	–	505
HSK-A 100/PG 25 x 120 H	4500.72560	40	–	–	120	–	–	505
HSK-A 100/PG 25 x 160 H	4500.72580	40	–	–	160	–	–	505/405
HSK-A 100/PG 25 x 200 H	4500.72590	40	–	–	200	–	–	505/405
HSK-A 100/PG 25 x 246 XL	8885.76070	40	55	–	246	140	–	–
HSK-A 100/PG 25 x 260 XL	8885.76090	40	55	–	260	140	–	–
HSK-A 100/PG 25 x 300 XL	8885.76130	40	55	–	300	140	–	–
HSK-A 100/PG 25 x 346 XL	8885.76170	40	55	–	346	240	–	–
HSK-A 100/PG 25 x 360 XL	8885.76190	40	55	–	360	240	–	–
HSK-A 100/PG 25 x 400 XL	8885.76230	40	55	–	400	240	–	–
HSK-A 100/PG 25 x 440 XL	8885.76270	40	55	–	440	240	–	–
HSK-A 100/PG 32 x 106 H	4500.73250	50	–	–	106	–	–	505
HSK-A 100/PG 32 x 120 H	4500.73260	50	–	–	120	–	–	505
HSK-A 100/PG 32 x 160 H	4500.73280	50	–	–	160	–	–	505
HSK-A 100/PG 32 x 200 H	4500.73290	50	–	–	200	–	–	505/505
HSK-A 100/PG 32 x 246 XL	8885.78070	50	58	–	246	140	–	–
HSK-A 100/PG 32 x 260 XL	8885.78090	50	58	–	260	140	–	–
HSK-A 100/PG 32 x 300 XL	8885.78130	50	58	–	300	140	–	–
HSK-A 100/PG 32 x 340 XL	8885.78170	50	58	–	340	140	–	–
HSK-A 100/PG 32 x 360 XL	8885.78190	50	58	–	360	240	–	–
HSK-A 100/PG 32 x 400 XL	8885.78230	50	58	–	400	240	–	–
HSK-A 100/PG 32 x 440 XL	8885.78270	50	58	–	440	240	–	–
HSK-A 125								
HSK-A 125/PG 15 x 245 XL	8895.73070	24	52	28	245	140	55	–
HSK-A 125/PG 15 x 345 XL	8895.73170	24	52	28	345	240	55	–
HSK-A 125/PG 25 x 252 XL	8895.76080	40	52	–	252	140	–	–
HSK-A 125/PG 25 x 352 XL	8895.76180	40	52	–	352	240	–	–
HSK-A 125/PG 32 x 252 XL	8895.78080	50	58	–	252	140	–	–
HSK-A 125/PG 32 x 352 XL	8895.78180	50	58	–	352	240	–	–

*Balancing rings H: Ready to accept balancing rings

HSK-A: Hole for data carrier DIN STD 69873 in the flange available on request

Type	Part no.	Dimensions [mm]						Accessory
		D	D1	D2	L	L1	L2	FWR*
HSK-E 20								
HSK-E 20/PG 6 x 043	2520.70614	10	–	–	43	–	–	–
HSK-E 25								
HSK-E 25/PG 6 x 043	2525.70614	10	–	–	43	–	–	–
HSK-E 25/PG 10 x 055	2525.71014	16	–	–	55	–	–	–
HSK-E 32								
HSK-E 32/PG 6 x 048	2532.70614	10	–	–	48	–	–	–
HSK-E 32/PG 6 x 080	2532.70644	10	–	–	80	–	–	–
HSK-E 32/PG 10 x 060	2532.71024	16	–	–	60	–	–	–
HSK-E 32/PG 10 x 080	2532.71044	16	–	–	80	–	–	–
HSK-E 32/PG 10 x 080 H	4532.71044	16	–	–	80	–	–	225
HSK-E 32/PG 15 x 075	2532.71534	24	–	–	75	–	–	–
HSK-E 40								
HSK-E 40/PG 6 x 048	2540.70614	10	–	–	48	–	–	–
HSK-E 40/PG 6 x 080 H	4540.70644	10	–	–	80	–	–	225
HSK-E 40 NCT/PG 10 x 052**	2540.71018	16	–	–	52	–	–	–
HSK-E 40/PG 10 x 062	2540.71024	16	–	–	62	–	–	–
HSK-E 40/PG 10 x 080 H	4540.71044	16	–	–	80	–	–	225
HSK-E 40/PG 10 x 120 H	4540.71064	16	–	–	120	–	–	225
HSK-E 40/PG 10 x 160 H	4540.71084	16	–	–	160	–	–	285
HSK-E 40 NCT/PG 15 x 064**	2540.71528	24	–	–	64	–	–	–
HSK-E 40/PG 15 x 074	2540.71534	24	–	–	74	–	–	–
HSK-E 40/PG 15 x 080 H	4540.71544	24	–	–	80	–	–	285
HSK-E 40/PG 15 x 120 H	4540.71564	24	–	–	120	–	–	285
HSK-E 40/PG 25 x 090	2540.72544	40	–	–	90	–	–	–
HSK-E 40/PG 25 x 100 H	4540.72554	40	–	–	100	–	–	405
HSK-E 50								
HSK-E 50/PG 6 x 080 H	4550.70644	10	–	–	80	–	–	225
HSK-E 50/PG 10 x 067	2550.71024	16	–	–	67	–	–	–
HSK-E 50/PG 10 x 080 H	4550.71044	16	–	–	80	–	–	285
HSK-E 50/PG 10 x 120 H	4550.71064	16	–	–	120	–	–	285
HSK-E 50/PG 10 x 160 H	4550.71084	16	–	–	160	–	–	285
HSK-E 50/PG 15 x 080 H	4550.71544	24	–	–	80	–	–	285
HSK-E 50/PG 15 x 120 H	4550.71564	24	–	–	120	–	–	285
HSK-E 50/PG 25 x 100 H	4550.72554	40	–	–	100	–	–	405
HSK-E 63								
HSK-E 63/PG 15 x 080 H	4563.71544	24	–	–	80	–	–	325
HSK-E 63/PG 25 x 100 H	4563.72554	40	–	–	100	–	–	405

*Balancing rings H: Ready to accept balancing rings

**Without thread for coolant tube

HSK-F toolholders

HSK-F

DIN 69893

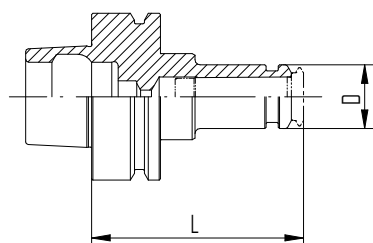
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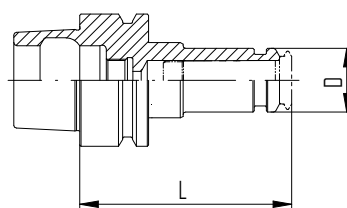
Type	Part no.	Dimensions [mm]						Accessory
		D	D1	D2	L	L1	L2	FWR*
HSK-F 63								
HSK-F 63/PG 10 x 080 H	4563.71045	16	–	–	80	–	–	325
HSK-F 63/PG 10 x 120 H	4563.71065	16	–	–	120	–	–	325
HSK-F 63/PG 10 x 160 H	4563.71085	16	–	–	160	–	–	325
HSK-F 63/PG 15 x 080 H	4563.71545	24	–	–	80	–	–	325
HSK-F 63/PG 15 x 120 H	4563.71565	24	–	–	120	–	–	325
HSK-F 63/PG 15 x 160 H	4563.71585	24	–	–	160	–	–	325/285
HSK-F 63/PG 25 x 100 H	4563.72555	40	–	–	100	–	–	405
HSK-F 63/PG 25 x 160 H	4563.72585	40	–	–	160	–	–	405
HSK-F 63/PG 32 x 100	2563.73255	50	–	–	100	–	–	–
HSK-FP 80**								
HSK-FP 80/PG 25 x 090 H	8020.13200	40	–	–	90	–	–	405
HSK-FP 80/PG 32 x 100 H	8020.13100	50	–	–	100	–	–	505

*Balancing rings H: Ready to accept balancing rings

**USA only



HSK-F/PG



HSK-E/PG