

SK steep taper toolholders

Universally suitable for different machining applications.

DIN 69871 / DIN ISO 7388-1

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.

Taper accuracy AT3

Better spindle-to-holder fit and accuracy.

Surface finish max. Ra 0.25

Achieve high clamping force and high transferable torque.

Balancing

100% balanced to G 2.5 @ 25,000 rpm / < 1gmm.

XL toolholders

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

Hi-Q® balancing system

Ready to accept Hi-Q® balancing rings which allow for the offset of the imbalance introduced by the cutting tool up to 80,000 rpm depending on the balancing rings used. All toolholders with the additional type information "H" in the part number are designed for balancing rings.

Vibration dampening

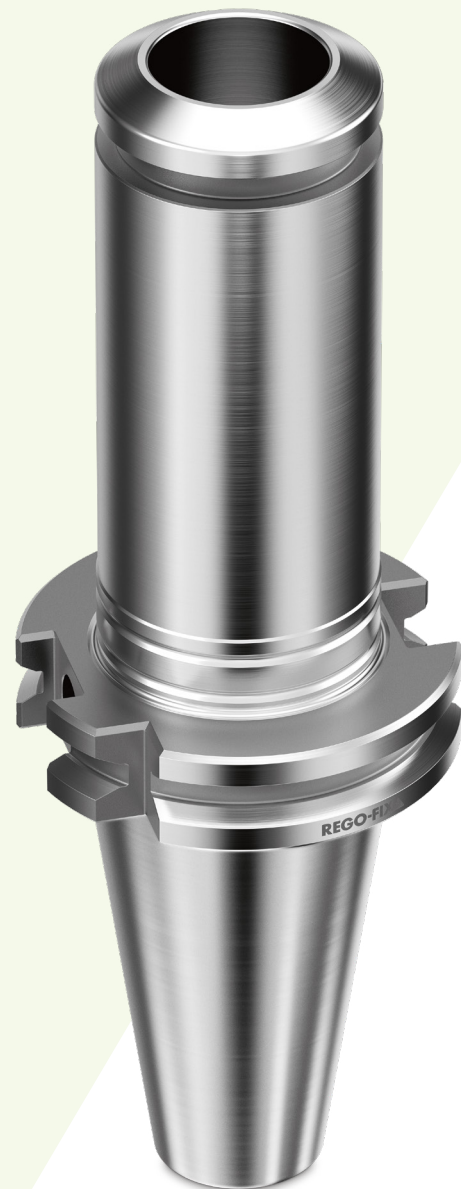
Our holders offer excellent vibration dampening to sustain a high surface finish and can help prevent chatter.

ID chip hole

In accordance with DIN 69873 for 10 mm diameter.

Balancing specifications

SK 30	balanced to 30,000 rpm
SK 40	G 2.5 @ 25,000 rpm
SK 50	G 2.5 @ 25,000 rpm



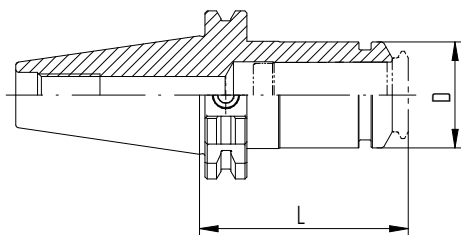
Accessories are not included in delivery. Other XL sizes available on request

Type	Part no.	D	D1	D2	Dimensions [mm]			Accessory
					L	L1	L2	FWR*
SK 30								
SK 30/PG 6 x 080 H	4230.70640	10	–	–	80	–	–	225
SK 30/PG 10 x 060	2230.71020	16	–	–	60	–	–	–
SK 30/PG 10 x 073 H	4230.71030	16	–	–	73	–	–	285
SK 30/PG 15 x 060	2230.71520	24	–	–	60	–	–	–
SK 30/PG 15 x 080 H	4230.71540	24	–	–	80	–	–	285
SK 30/PG 15 x 120 H	4230.71560	24	–	–	120	–	–	285
SK 30/PG 25 x 080	2230.72540	40	–	–	80	–	–	–
SK 30/PG 25 x 160 H	4230.72580	40	–	–	160	–	–	405
SK 40								
SK 40/PG 10 x 080 H	4240.71040	16	–	–	80	–	–	285
SK 40/PG 10 x 120 H	4240.71060	16	–	–	120	–	–	285
SK 40/PG 10 x 160 H	4240.71080	16	–	–	160	–	–	325
SK 40/PG 10 x 220 XL	8842.71050	16	46	28	220	140	31	–
SK 40/PG 10 x 260 XL	8842.71090	16	46	28	260	140	31	–
SK 40/PG 10 x 300 XL	8842.71130	16	46	28	300	140	31	–
SK 40/PG 10 x 320 XL	8842.71150	16	46	28	320	240	31	–
SK 40/PG 10 x 360 XL	8842.71190	16	46	28	360	240	31	–
SK 40/PG 10 x 400 XL	8842.71230	16	46	28	400	240	31	–
SK 40/PG 15 x 072	2240.71530	24	–	–	72	–	–	–
SK 40/PG 15 x 080 H	4240.71540	24	–	–	80	–	–	285
SK 40/PG 15 x 120 H	4240.71560	24	–	–	120	–	–	325
SK 40/PG 15 x 160 H	4240.71580	24	–	–	160	–	–	325/285
SK 40/PG 15 x 220 XL	8842.73050	24	46	28	220	140	55	–
SK 40/PG 15 x 260 XL	8842.73090	24	46	28	260	140	55	–
SK 40/PG 15 x 300 XL	8842.73130	24	46	28	300	140	55	–
SK 40/PG 15 x 320 XL	8842.73150	24	46	28	320	240	55	–
SK 40/PG 15 x 360 XL	8842.73190	24	46	28	360	240	55	–
SK 40/PG 15 x 400 XL	8842.73230	24	46	28	400	240	55	–
SK 40/PG 25 x 072	2240.72530	40	–	–	72	–	–	–
SK 40/PG 25 x 080 H	4240.72540	40	–	–	80	–	–	405
SK 40/PG 25 x 120 H	4240.72560	40	–	–	120	–	–	405
SK 40/PG 25 x 160 H	4240.72580	40	–	–	160	–	–	405/405
SK 40/PG 25 x 220 XL	8842.76050	40	55	–	220	140	–	–
SK 40/PG 25 x 320 XL	8842.76150	40	55	–	320	240	–	–
SK 40/PG 32 x 080	2240.73240	50	–	–	80	–	–	–

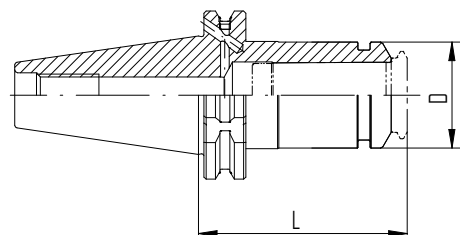
*Balancing rings H: Ready to accept balancing rings

Type	Part no.	Dimensions [mm]						Accessory
		D	D1	D2	L	L1	L2	FWR*
SK-B 40								
SK-B 40/PG 10 x 080 H	4240.71043	16	–	–	80	–	–	285
SK-B 40/PG 10 x 120 H	4240.71063	16	–	–	120	–	–	285
SK-B 40/PG 10 x 160 H	4240.71083	16	–	–	160	–	–	325
SK-B 40/PG 15 x 072	2240.71533	24	–	–	72	–	–	–
SK-B 40/PG 15 x 080 H	4240.71543	24	–	–	80	–	–	285
SK-B 40/PG 15 x 120 H	4240.71563	24	–	–	120	–	–	325
SK-B 40/PG 15 x 160 H	4240.71583	24	–	–	160	–	–	325 / 285
SK-B 40/PG 25 x 072	2240.72533	40	–	–	72	–	–	–
SK-B 40/PG 25 x 080 H	4240.72543	40	–	–	80	–	–	405
SK-B 40/PG 25 x 120 H	4240.72563	40	–	–	120	–	–	405
SK-B 40/PG 25 x 160 H	4240.72583	40	–	–	160	–	–	405 / 405
SK-B 40/PG 32 x 080	2240.73243	50	–	–	80	–	–	–

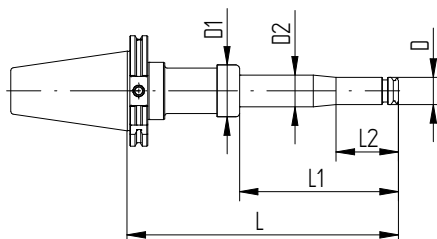
*Balancing rings H: Ready to accept balancing rings



SK/PG (Form A+AD)



SK-B/PG (Form AD+B)



SK/PG XL

SK toolholders

SK-B toolholders

SK

DIN 69871

DIN ISO 7388-1

SK-B

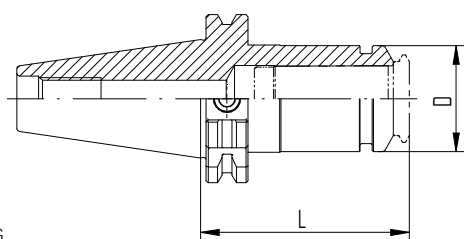
DIN 69871

DIN ISO 7388-1

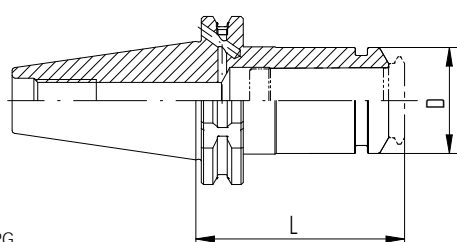
Type	Part no.	Dimensions [mm]						Accessory
		D	D1	D2	L	L1	L2	FWR*
SK 50								
SK 50/PG 10 x 240 XL	8852.71070	16	46	28	240	140	31	–
SK 50/PG 10 x 300 XL	8852.71130	16	46	28	300	140	31	–
SK 50/PG 10 x 340 XL	8852.71170	16	46	28	340	240	31	–
SK 50/PG 10 x 400 XL	8852.71230	16	46	28	400	240	31	–
SK 50/PG 15 x 120 H	4250.71560	24	32	–	120	42	–	325
SK 50/PG 15 x 240 XL	8852.73070	24	46	28	240	140	55	–
SK 50/PG 15 x 300 XL	8852.73130	24	46	28	300	140	55	–
SK 50/PG 15 x 340 XL	8852.73170	24	46	28	340	240	55	–
SK 50/PG 15 x 400 XL	8852.73230	24	46	28	400	240	55	–
SK 50/PG 25 x 081	2250.72540	40	–	–	81	–	–	–
SK 50/PG 25 x 100 H	4250.72550	40	–	–	100	–	–	505
SK 50/PG 25 x 160 H	4250.72580	40	–	–	160	–	–	505 / 405
SK 50/PG 25 x 200 H	4250.72590	40	–	–	200	–	–	505 / 405
SK 50/PG 25 x 300 XL	8832.78130	40	55	–	134	–	–	–
SK 50/PG 25 x 320 XL	8852.76150	40	55	–	320	240	–	–
SK 50/PG 25 x 400 XL	8852.76230	40	55	–	234	–	–	–
SK 50/PG 32 x 080	2250.73240	50	–	–	80	–	–	–
SK 50/PG 32 x 160 H	4250.73280	50	–	–	160	–	–	505
SK 50/PG 32 x 220 XL	8852.78050	50	58	–	220	140	–	–
SK 50/PG 32 x 300 XL	8852.78130	50	58	–	300	140	–	–
SK 50/PG 32 x 320 XL	8852.78150	50	58	–	320	240	–	–
SK 50/PG 32 x 400 XL	8852.78230	50	58	–	400	240	–	–

SK-B 50								
SK-B 50/PG 25 x 081	2250.72543	40	–	–	81	–	–	–
SK-B 50/PG 25 x 100 H	4250.72553	40	–	–	100	–	–	505
SK-B 50/PG 25 x 160 H	4250.72583	40	–	–	160	–	–	505/405
SK-B 50/PG 25 x 200 H	4250.72593	40	–	–	200	–	–	505/405
SK-B 50/PG 32 x 080	2250.73243	50	–	–	80	–	–	–

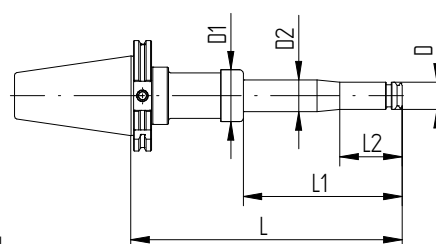
*Balancing rings H: Ready to accept balancing rings



SK/PG



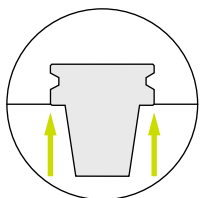
SK-B/PG



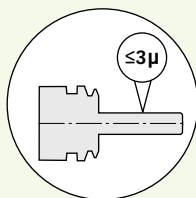
SK/PG XL

REGO-FIX SK+ toolholders

Key advantages



Higher coltholder stiffness due to taper (AT1) and face contact.



Improved machining accuracy and better surface finish.

Certified The BIG PLUS SYSTEM – licensed by BIG Daishowa – is manufactured at REGO-FIX in Switzerland under license according to BIG PLUS specifications.

DIN 69871 / DIN ISO 7388-1

Features and benefits

Total system runout TIR ≤ 0.0001" (3 μm)

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

Surface finish max. Ra 0.25

Achieve high clamping force and high transferable torque.

Balancing

100% balanced to G 2.5 @ 25,000 rpm/≤1 gmm.

Hi-Q® balancing system

Ready to accept Hi-Q® balancing rings which allow for the offset of the imbalance introduced by the cutting tool up to 80,000 rpm depending on the balancing rings used. All coltholders with the additional type information "H" in the article name are designed for balancing rings.

Vibration dampening

Our holders offer excellent vibration dampening to sustain a high surface finish and can help prevent chatter.

ID chip hole

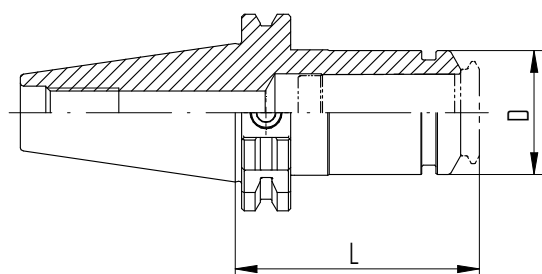
In accordance DIN 69873 with diameter 10 mm.

Accessories are not included in delivery. Form B available on request



Type	Part. no.	Dimensions [mm]		Accessory
		D	L	FWR*
SK+ 40				
SK+ 40 / PG 10 x 080 H	4240.71046	16	80	285
SK+ 40 / PG 15 x 080 H	4240.71546	24	80	285
SK+ 40 / PG 25 x 080 H	4240.72546	40	80	405
SK+ 40 / PG 32 x 080	2240.73246	50	80	–

*Balancing rings H: Ready to accept balancing rings



SK+ / PG (A+AD)