

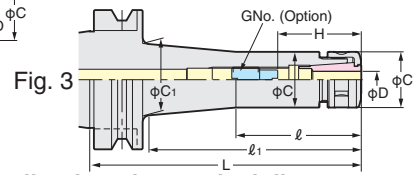
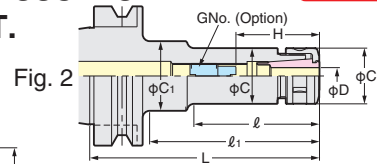
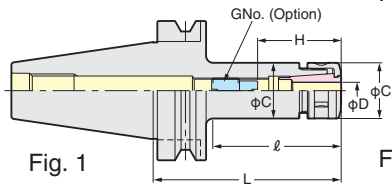
SLIM CHUCK HIGH SPEED ROTATION • HIGH ACCURACY

JAPAN, USA, EU, KOREA PAT.



SK

Photo shows SK10 type.



- When SK J type nut is used, the total chuck length will be extended by 6mm.
- When using SK-A collets or SK-AC collets, or when gripping a cutting tool smaller than the nominal diameter on SK collets, the total length will be shorter by about 3 mm. Please be careful when you check the interference.

TAPER	Code No.	D	L	l	l ₁	C	C ₁	H	G No. (Option)	Weight (kg)	Fig	SK Collet	
No.30	BT30-SK 6- 60	0.7 ~ 6.0	60	33	33	19.5	19.5	21~35	SKG- 8	0.7	1	SK 6	
	- 90		90	56	65		32			0.7	2		
	-120		120	62	95		0.8						
	-SK10- 45	1.75~10.0	45	22	22	27.5	27.5	30~50	SKG-12S	0.8	1	SK10	
	- 60		60	35	35								0.9
	- 75		75	50	50								1.0
	- 90		90	65	65								1.0
	-120		120	95	95								1.1
	-SK13- 60		2.75~13.0	60	35					35			33
	- 75	75		50	50		1.1						
	- 90	90		65	65		1.1						
	-120	120	95	95		1.2							
	-SK16- 60	2.75~16.0	60	37	37	40	40	45~60	SKG-12L	1.1	1	SK16	
	- 75		75	52	52								1.2
	- 90		90	67	67								1.2
	-120		120	97	97								1.3
	-SK20- 60	3.5~20.0	60	37	37	48.5	48.5	65~70	SKG-12S	0.7	1	SK20	
	- 75		75	52	52								0.9
	- 90		90	67	67								1.2
	-120	120	97	97		1.5							
-SK25- 90	7.5~25.4	90	67	67	55	55	55~75	SKG-12	1.5	1	SK25		
No.40	BT40-SK 6- 60	0.7 ~ 6.0	60	30	30	19.5	19.5	21~35	SKG- 8	1.0	1	SK 6	
	- 90		90	51	60		32			1.1	2		
	-120		120	60	90		25			1.4			
	-150		150	60	120					1.5	3		
	-SK10- 60	1.75~10.0	60	32	32	27.5	27.5	30~50	SKG-12L	1.1	1	SK10	
	- 75		75	45	45								1.2
	- 90		90	48	60								1.2
	-120		120		90								1.4
	-150		150		118								1.6
	-180		180	73	148								1.6
	-200		200		168								1.8
	-250	250		218		2.1							
	-SK13- 60	2.75~13.0	60	28	28	33	33	31~65	SKG-15	1.2	1	SK13	
	- 75		75	43	43								1.3
	- 90		90	58	58								1.4
	-120		120		88								1.6
	-150		150		118								1.8
	-180		180	88	148								1.8
	-200	200		168		2.0							
	-250	250		218		2.4							
	-SK16- 60	2.75~16.0	60	32	32	40	40	40~70	SKG-18S	1.3	1	SK16	
	- 75		75	43	43								1.4
	- 90		90	58	58								1.5
	-120		120	88	88								1.7
	-150		150	118	118								1.9
	-180		180	148	148								2.0
	-200		200	168	168								2.2
	-250		250	218	218								2.7
	-SK20- 60	3.5~20.0	60	32	32	48.5	48.5	47~60	SKG-22	1.3	1	SK20	
	- 75		75	45	45								1.4
- 90	90		60	60						1.6			
-120	120		90	90						2.0			
-SK25- 75	7.5~25.4	75	47	47	55	55	55~75	SKG-12	1.7	1	SK25		
- 90		90	61	61								1.8	
-120		120	91	91								2.0	
-SK25- 90	7.5~25.4	90	61	61	55	55	55~85	SKG-28	1.8	1	SK25		
-120	120	91	91		2.0								

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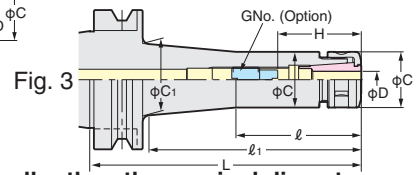
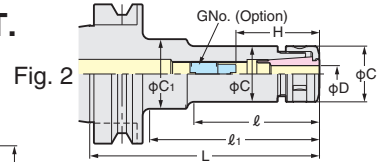
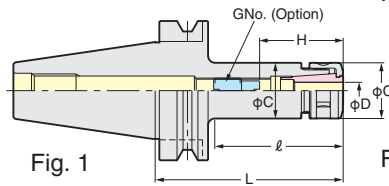
NIKKEN



SK

Photo shows SK16 type.

- When SK J type nut is used, the total chuck length will be extended by 6mm.
- When using SK-A collets or SK-AC collets, or when gripping a cutting tool smaller than the nominal diameter on SK collets, the total length will be shorter by about 3 mm. Please be careful when you check the interference.



TAPER	Code No.	D	L	l	l ₁	C	C ₁	H	G No. (Option)	Weight (kg)	Fig	SK Collet
No.50	BT50-SK 6-105	0.7 ~ 6.0	105	55	64	19.5	32	21~35	SKG- 8	3.8	2	SK 6
	-135		135	92	3.9							
	-165		165	60	114					4.0		
	-200		200	151	4.2							
	-SK10-105	1.75~10.0	105	57	57	27.5	36	30~50	SKG-12L	4.2	1	SK10
	-135		135	70	92					4.4		
	-165		165	114	4.6							
	-200		200	151	4.8							
	-225		225	75	178					5.0		
	-250		250	203	5.2							
	-300		300	253	5.6							
	-SK13-105		2.75~13.0	105	62					62		
	-135	135		92	4.7							
	-165	165		122	4.9							
	-200	200		157	5.2							
	-250	250		207	5.7							
	-300	300		257	6.2							
	-SK16-105	2.75~16.0	105	62	62	40	50	40~70	SKG-18L	4.7	1	SK16
	-135		135	92	4.9							
	-165		165	122	5.1							
	-200		200	157	5.5							
	-250		250	207	6.0							
	-300		300	257	6.5							
	-SK20-105	3.5~20.0	105	62	62	48.5	48.5	47~80	SKG-22	4.3	1	SK20
	-135		135	92	4.6							
	-165		165	122	5.0							
	-200		200	157	5.4							
	-250		250	207	6.1							
	-300		300	257	6.8							
	-SK25-105	7.5~25.4	105	62	62	55	55	50~85	SKG-28	5.2	1	SK25
-135	135		92	5.4								
-165	165		122	5.6								
-200	200		157	6.0								
-250	250		207	6.7								
-300	300		257	7.4								

★Please refer P.71 for use as Tap Holder for Synchronized Tapping.

★Collet, adjust screw (G No.) and spanner are available as an option. Please refer P.47 for SK Collet.

The Code No. of the spanner is SK6 (C=φ18) : SKL-6, SK6 (C=φ19.5) : SKL-6W, SK10: SKL-10, SK13: 9HC12A, SK16: 9HC16, SK20: 9HC22, SK25: 9HC25

★Please refer P.45, P.46 for High Speed Slim Chuck (40,000min⁻¹)

★All Slim Chucks can be used for Centre Through Coolant type. Please refer P.56 for Centre Through Coolant Adjust Screw and P.320 for Centre Through Pull Stud.

★Please refer P.43 for High Pressure (MAX.7MPa) Centre Through Coolant type. ★Please refer P.43 for Flange Through Coolant type.

★BT40-SK10-200, 250 BT50-SK10-250, 300 are also available as semi-standard.

-SK16-200, 250 -SK16-250, 300

★Please add "-RP" at the end of Code No. for Rust Proof Treatment Slim Chuck. e.g. BT40-SK10-90-RP

★Long Straight type (Fig.1) for drilling / plunging use is also available.

BT50-SK10-200ST, 250ST, 300ST BT50-SK13-200ST, 250ST, 300ST BT50-SK16-200ST, 250ST, 300ST

BT15 Shank

TAPER	Code No.	D	L	l	l ₁	C	C ₁	H	G No. (Option)	Weight (kg)	Fig	SK Collet
No.15	BT15BR-SK 6- 40	0.7 ~ 6.0	40	26	26	19.5	19.5	21~30	SKG- 6	0.10	1	SK 6
	- 55		55	39	39			21~35	SKG- 8	0.14		
	- 65		65	49	49			0.15				
	-SK10- 40	1.75~10.0	40	26	26	27.5	27.5	30~37	SKG- 6L	0.14		SK10
	- 55		55	41	41			35~45	0.20			

★BT15BR is the solid tool integrated with pull stud for BROTHER. ★BT15HW is the solid tool integrated with pull stud for HOWA.

★BT20P and BT25M are the solid tools with integrated with pull stud without drive key groove for MAKINO SEIKI.

e.g. BT20P-SK10-40S, BT25M-SK16-70

★S20T is the short taper tool for SUGINO.

BT15BR



B1