

NC5 SLIM CHUCK

NIKKEN



Wide Variation
of the Tool Length

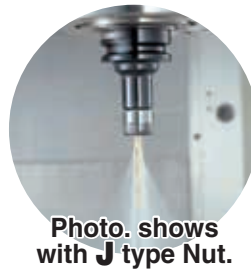
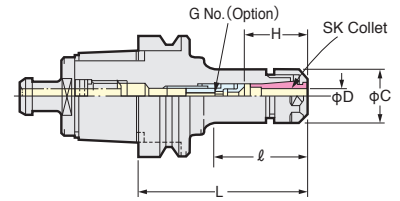


Photo. shows
with J type Nut.



SK

Centre Through
MAX. 7MPa

- 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 shortened by about 3 mm. Please be careful when you check the interference.

JAPAN, USA, EU, KOREA PAT.

TAPER	Code No.	Chucking Range φD	ℓ	C	H	G No. (Option)	Weight (kg)	SK Collet
NC5- 46	NC5- 46-SK 6C- 75, 90, 120	0.7 ~ 6.0	48, 56, 72	19.5	26 ~ 31	SKG6-6HG	0.4, 0.5, 0.7	SK 6
	-SK10C- 75, 90, 120	1.75 ~ 10.0	50, 65, 95	27.5	35 ~ 41	SKG10-10HG	0.5, 0.6, 0.8	SK 10
	-SK13C- 90, 120	2.75 ~ 13.0	65, 95	33	39 ~ 51	SKG13-10HG	0.7, 0.9	SK 13
	-SK16C- 90, 120	2.75 ~ 16.0	67, 97	40	50	SKG16-10HG	0.8, 1.0	SK 16
	-SK20C- 90, 120	3.5 ~ 20.0		48.5	50 ~ 55, 47 ~ 63	SKG20-12MFHG, -12HG	1.2, 1.6	SK 20
	-SK25 - 90 ^{*1}	7.5 ~ 25.4	67	55	55 ~ 60	SKG-12MF	1.2	SK 25
NC5- 63	NC5- 63-SK 6C- 90, 150	0.7 ~ 6.0	51, 60	19.5	26 ~ 31	SKG6-6HG	1.2, 1.4	SK 6
	-SK10C- 90, 105, 120 135, 150, 200	1.75 ~ 10.0	48, 73, 73 73, 73, 73	27.5	35 ~ 41	SKG10-10HG	1.4, 1.5, 1.6 1.6, 1.7, 1.9	SK 10
	-SK13C- 90, 150, 200	2.75 ~ 13.0	58, 88, 88	33	39 ~ 51	SKG13-10HG	1.5, 1.7, 1.9	SK 13
	-SK16C- 90, 105, 120 135, 150, 200	2.75 ~ 16.0	58, 73, 88 103, 118, 168	40	45 ~ 57	SKG16-12HG	1.5, 1.6, 1.7 1.8, 2.0, 2.2	SK 16
	-SK20C-105, 150, 200	3.5 ~ 20.0	75, 120, 170	48.5	47 ~ 63	SKG20-18HG	2.0, 2.6, 3.3	SK 20
	-SK25C-135, 180	7.5 ~ 25.4	106, 151	55	60 ~ 65, 60 ~ 70	SKG25-18HGD, 24HG	2.5, 2.8	SK 25
NC5- 85	NC5- 85-SK 6C-105, 150	0.7 ~ 6.0	55, 60	19.5	26 ~ 31	SKG6-6HG	2.3, 2.7	SK 6
	-SK10C-105, 150, 200	1.75 ~ 10.0	70, 73, 75	27.5	35 ~ 41	SKG10-10HG	2.4, 2.8, 3.2	SK 10
	-SK13C-105, 150, 200	2.75 ~ 13.0	67, 92, 92	33	39 ~ 51	SKG13-10HG	2.6, 3.0, 3.4	SK 13
	-SK16C-105, 150, 200	2.75 ~ 16.0	65, 90, 90	40	45 ~ 57	SKG16-12HG	2.7, 3.2, 3.6	SK 16
	-SK20C-135, 165, 200	3.5 ~ 20.0	97, 127, 162	48.5	47 ~ 63	SKG20-18HG	3.5, 3.9, 4.3	SK 20
	-SK25C-135, 165, 200	7.5 ~ 25.4		55	60 ~ 65, 60 ~ 70, 60 ~ 70	SKG25-18HGD, -24HG, -24HG	3.5, 4.0, 4.4	SK 25
NC5-100	NC5-100-SK 6C-105, 165	0.7 ~ 6.0	55, 60	19.5	26 ~ 31	SKG6-6HG	3.9, 4.3	SK 6
	-SK10C-105, 165, 200	1.75 ~ 10.0	57, 75, 75	27.5	35 ~ 41	SKG10-10HG	4.0, 4.4, 4.8	SK 10
	-SK13C-105, 165, 200	2.75 ~ 13.0	62, 92, 92	33	39 ~ 51	SKG13-10HG	4.2, 4.7, 5.1	SK 13
	-SK16C-105, 165, 200	2.75 ~ 16.0	62, 90, 90	40	45 ~ 57	SKG16-12HG	4.3, 5.0, 5.4	SK 16
	-SK20C-135, 165, 200	3.5 ~ 20.0	92, 122, 157	48.5	47 ~ 63	SKG20-18HG	5.1, 5.5, 6.0	SK 20
	-SK25C-135, 165, 200	7.5 ~ 25.4		55	60 ~ 70	SKG25-24HG	5.1, 5.5, 5.9	SK 25

★The "D" of Code No. shows MAX. gripping diameter.

★The "H" dimension is a figure in case of the MAX.gripping diameter.

★All slim chucks except NC5-46-SK25-90 marked *1 are High Pressure Centre Through Coolant type (MAX.7MPa).

★For NC5-46-SK25-90, the adjust screw SKG-12MFH is used for centre through coolant application (1MPa).

The Code No. of the adjust screw for J type nut is SKG-12MF-J.

★For the adjust screws for oil hole taps or smaller dia. cutters, please refer P.56.

★Collet, adjust screw (G No.) and spanner are available as an option.

The Code No. of the spanner is SK6C(C=φ18): SKL-6, SK6C(C=φ19.5): SKL-6W, SK10C: SKL-10, SK13C: 9HC12A, SK16C: 9HC16, SK20C: 9HC22, SK25C: 9HC25

★Please refer P.246 for SK collet and please refer P.53 for J type nut.

SK6C:φ4~φ6, SK10C:φ6~φ10, SK16C:φ10~φ16, SK25C:φ16~φ25

★Slim Chuck for Oil Mist is also available. Please contact with us.

★Please refer P.53 for sk Coolant Solution.

High Speed Slim Chuck

"SK-P" is the Code No. of High Speed Slim Chuck.



GH Handle P.52

TAPER	Code No.	MAX. (r/min)	TAPER	Code No.	MAX. (r/min)
NC5-46	NC5- 46-SK 6C- 75P, 90P, 120P	40,000	NC5-85	NC5- 85-SK 6C-105P, 150P	20,000
	-SK10C- 75P, 90P, 120P			-SK10C-105P, 150P, 200P	
	-SK13C- 90P, 120P	30,000		-SK13C-105P, 150P, 200P	
	-SK16C- 90P, 120P			-SK16C-105P, 150P, 200P	
	-SK20C- 90P, 120P			-SK20C-135P, 165P, 200P	
	-SK25 - 90P			-SK25C-135P, 165P, 200P	
NC5-63	NC5- 63-SK 6C- 90P, 150P	30,000	NC5-100	NC5-100-SK 6C-105P, 165P	20,000
	-SK10C- 90P, 150P, 200P			-SK10C-105P, 165P, 200P	
	-SK13C- 90P, 150P, 200P	25,000		-SK13C-105P, 165P, 200P	
	-SK16C-105P, 150P, 200P			-SK16C-105P, 165P, 200P	
	-SK20C-105P, 150P, 200P			-SK20C-135P, 165P, 200P	
	-SK25C-135P, 180P			-SK25C-135P, 165P, 200P	