

HIGH SPEED SLIM CHUCK

NIKKEN

MAX.40,000r/min & G2.5



SK-P

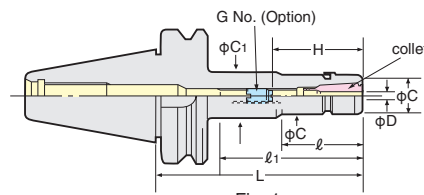
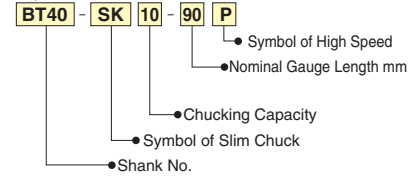


Fig. 1

Explanation of the Code No.



- When SK J type nut is used, the total chuck length will be extended by 6mm. **JAPAN, USA, EU, KOREA PAT.**
- 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.

TAPER	Code No.	D	L	ℓ	ℓ ₁	C	C ₁	H	G No. (Option)	MAX. (r/min)	collet	weight (kg)
No.30	BT30-SK 6- 60P	0.7 ~ 6.0	60	33	33	19.5	19.5	21~35	SKG- 8	40,000	SK 6	0.7
	- 90P		90	56	65		32					0.7
	-120P		120	62	95							0.8
	-SK10- 45P	1.75~10.0	45	22	22	27.5	27.5	30~50	SKG-12S		SK10	0.8
	- 60P		60	35	35				0.9			
	- 75P		75	50	50				1.0			
	- 90P		90	65	65				1.0			
	-120P		120	95	95				1.1			
	-SK13- 60P	2.75~13.0	60	35	35	33	33	31~50	SKG-15		SK13	1.0
	- 75P		75	50	50							1.1
	- 90P		90	65	65							1.1
	-120P		120	95	95							1.2
	-SK16- 60P	2.75~16.0	60	37	37	40	40	45~60	SKG-12L		SK16	1.1
	- 75P		75	52	52			45~65	SKG-12			1.2
	- 90P		90	67	67			40~70	SKG-18L			1.2
	-120P		120	97	97			40~70	SKG-18L			1.3
	-SK20- 60P	3.5~20.0	60	37	37	48.5	48.5	65~70	SKG-12S	SK20	0.7	
	- 75P		75	52	52			70~75	SKG-12L		0.9	
	- 90P							65~75	SKG-12L		1.2	
	-SK25- 90P	7.5~25.4	90	67	67	55	55	55~75	SKG-12	SK25	1.5	
No.40	BT40-SK 6- 60P	0.7 ~ 6.0	60	30	30	19.5	19.5	21~35	SKG- 8	30,000	SK 6	1.0
	- 90P		90	51	60		32					1.1
	-120P		120	60	90		25					1.4
	-150P		150		120							1.5
	-SK10- 60P	1.75~10.0	60	32	32	27.5	27.5	30~50	SKG-12L		SK10	1.1
	- 75P		75	45	45							1.2
	- 90P		90	48	60		40					1.2
	-120P		120		90		34.5					1.4
	-150P		150	73	118		39					1.6
	-180P	2.75~13.0	180		148	33	33	31~65	SKG-15		SK13	1.6
	-SK13- 60P		60	28	28							1.2
	- 75P		75	43	43		1.3					
	- 90P		90	58	58		40					1.4
	-120P		120		88		1.6					
	-150P	2.75~16.0	150	88	118	40	40	40~70	SKG-18L		SK16	1.8
	-180P		180		148							1.8
	-SK16- 60P		60	32	32					1.3		
	- 75P		75	43	43					40~67		1.4
	- 90P		90	58	58					40~70		SKG-22
	-120P	3.5~20.0	120	88	88	48.5	48.5	47~60	SKG-22	SK20	1.7	
	-150P		150	118	118						47~70	1.9
	-180P		180	148	148						47~80	2.0
	-SK20- 60P		60	32	32						47~60	SKG-12
	- 75P	75	45	45	47~70	SKG-28	20,000	SK25	1.4			
	- 90P	90	60	60	55~75				1.6			
	-120P	120	90	90	55~85				2.0			
	-SK25- 75P	7.5~25.4	75	47	47	55	55	55~75	SKG-12	SK25	1.7	
	- 90P		90	61	61			55~85	SKG-28		1.8	
	-120P		120	91	91						2.0	

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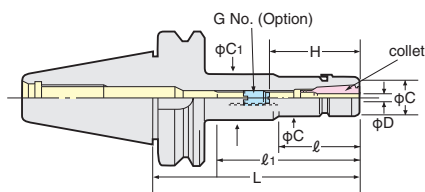
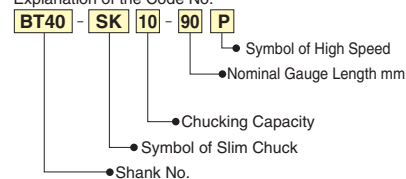


Fig. 1

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- When SK J type nut is used, the total chuck length will be extended by 6mm. **JAPAN, USA, EU, KOREA PAT.**
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TAPER	Code No.	D	L	ℓ	ℓ ₁	C	C ₁	H	G No. (Option)	MAX. (r/min)	collet	weight (kg)	
No.50	BT50-SK 6-105P	0.7 ~ 6.0	105	55	64	19.5	32	21~35	SKG- 8	20,000	SK 6	3.8	
	-135P		135		92							3.9	
	-165P		165	60	114							4.0	
	-200P		200		151							4.2	
	-SK10-105P	1.75~10.0	105	57	57	27.5	32	30~50	SKG-12L		SK10	4.2	
	-135P		135	70	92							4.4	
	-165P		165		114							4.6	
	-200P		200	75	151							4.8	
	-225P		225		178							5.0	
	-SK13-105P	2.75~13.0	105	62	62	33	33	31~65	SKG-15		SK13	4.5	
	-135P		135		92							4.7	
	-165P		165	92	122							4.9	
	-200P		200		157							5.2	
	-SK16-105P	2.75~16.0	105	62	62	40	40	40~70	SKG-18L		SK16	4.7	
	-135P		135	92	92							4.9	
	-165P		165		122							5.1	
	-200P		200	90	157							5.5	
	-SK20-105P	3.5~20.0	105	62	62	48.5	48.5	47~80	SKG-22		SK20	4.3	
	-135P		135	92	92							4.6	
	-165P		165	122	122							5.0	
	-200P		200	157	157							5.4	
	-SK25-105P	7.5~25.4	105	62	62	55	55	50~85	SKG-28		15,000	SK25	5.2
	-135P		135	92	92								5.4
	-165P		165	122	122								5.6
	-200P		200	157	157								6.0

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

The Code No. of the GH Handle is SK6-P: GH6, SK10-P: GH10, SK13-P: GH12, SK16-P: GH16, SK20-P: GH20, SK25-P: GH25

★ Please refer P.53 for TiN Bearing Nut.

★ Please refer P.47 for SK collet.

★ Adjust screw with centre hole P.56 can be used for centre through tool coolant application (MAX. 1MPa).

Please refer P.56 for adjust screw (G No.).



GH Handle P.52

Code No. for SLIM CHUCK with SPECIAL NUT

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Code No. for Slim Chuck with special nut

Standard nut (for C-spanner) is attached for standard slim chuck.

Nut for high speed (for GH Handle) is attached for high speed slim chuck.

- Standard slim chuck + J type nut : Please add "-J" at the end of Code No. e.g. BT40-SK10-90-J
- Standard slim chuck + Nut for high speed : Please add "-G" at the end of Code No. e.g. BT40-SK10-90-G
- Standard slim chuck + J type nut for high speed : Please add "-GJ" at the end of Code No. e.g. BT40-SK10-90-GJ
- High speed slim chuck + J type nut : Please add "-J" at the end of Code No. e.g. BT40-SK10-90P-J

Code No. for VC holder with special nut

- With J type nut : Please add "-J" at the end of Code No. e.g. BT40-VC13-90-J

Code No. for MAJOR DREAM holder with special nut

- With J type nut : Please add "-J" at the end of Code No. e.g. BT40-MDSK13-90-J
- With nut for C-spanner : Please add "-SN" at the end of Code No. e.g. BT40-MDSK13-90-SN
- With J type nut for C-spanner : Please add "-SNJ" at the end of Code No. e.g. BT40-MDSK13-90-SNJ

When RPT treatment is required at same time, please add "-RP" first. e.g. BT40-SK10-90-RP-J