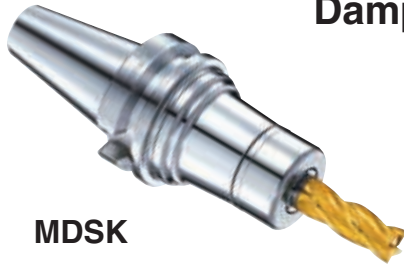
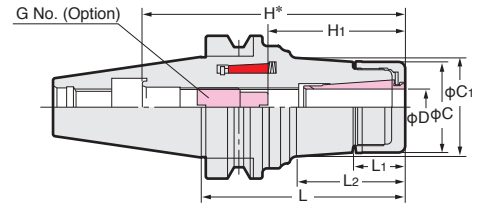


Holder with an adjust screw for axial adjustment is supplied as an option. Please contact us.

**Dampening Effect
TiN Bearing Effect**



MDSK



H : MAX. Cutter Shank Length to be inserted

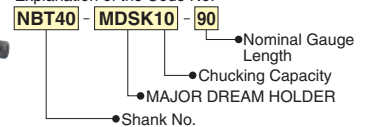
JAPAN PAT.

TAPER	Code No.	D	L	L1	L2	C	C1	H*	H1	G No. (Option)	Weight (kg)	Collet				
No.30	NBT30-MDSK 6- 50	3.0~6.0	50	16.2	19.5	19.5	20.0	73	21~35	SKG- 8	0.5	SK 6 A				
	- 60		60		25.5		20.8	83			0.6					
	- 75		75		40.5		22.9	98			0.7					
	- 90		90		55.5		25.0	113			0.8					
	-MDSK10- 50	3.0~10.0	50	18.0	19.0	27.5	27.5	72	30~50	SKG-12L	0.5	SK10 A				
	- 60		60		25.7		28.6	82			0.6					
	- 75		75		42.9		31.0	97			0.8					
	- 90		90		58.7		33.2	112			0.8					
	-MDSK13- 60	3.0~13.0	60	22.0	29.0	33.0	34.0	83	31~43	SKG-15	0.8	SK13 A				
	- 75		75		45.0		36.2	98			0.8					
	- 90		90		60.0		38.3	113	0.8							
	-MDSK16- 75		3.0~16.0		75		23.0	47.5	40.0		60		45~60	SKG-12L	1.1	SK16 A
- 90	90	62.5		40.0	75	45~70		SKG-12		1.3						
No.40	NBT40-MDSK 6- 60	3.0~6.0		60	16.2	18.0		19.5		19.5	86	21~35	SKG- 8	0.8	SK 6 A	
	- 75			75		33.0				21.9	101			0.9		
	- 90		90	48.0		24.0	116		1.1							
	-105		105	63.0		26.1	131		1.2							
	-120	120	78.0	28.2	146	1.4										
	-MDSK10- 60	3.0~10.0	60	18.0	19.0	27.5	27.5	86	30~50	SKG-12L	1.1	SK10 A				
	- 75		75		33.0		29.6	101			1.3					
	- 90		90		48.0		31.7	116			1.5					
	-105		105		63.0		33.8	131			1.6					
	-120	120	78.0	35.9	146	1.8										
	-150	150	110.0	40.4	176	2.2										
	-MDSK13- 65	3.0~13.0	65	22.0	24.0	33.0	33.0	91	31~60	SKG-15	1.2	SK13 A				
- 75	75		33.0		34.6		101	1.4								
- 90	90		48.0		36.7		116	1.7								
-105	105		63.0		38.8		131	1.8								
-120	120	78.0	40.9	146	2.0											
-150	150	110.0	45.4	176	2.4											
-180	180	144.0	50.1	206	2.6											
-MDSK16- 65	3.0~16.0	65	23.0	24.0	40.0	40.0	91	45~60	SKG-18L	1.2	SK16 A					
- 75		75		33.0		41.4	101	1.5								
- 90		90		48.0		43.5	116	1.9								
-105		105		64.0		45.8	131	2.0								
-120	120	80.0	48.0	146	2.2											
-150	150	113.0	52.6	176	2.5											
-MDSK20- 75	4.0~20.0	75	25.2	41.2	48.0	51.3	80	50~73	SKG-12	1.9	SK20 A					
- 90		90		55.0		53.2	95		2.1							
-105		105		70.0		52.2	110		2.3							
-120		120		85.0		53.2	125		2.6							

- ★Please use A type SK collet for the end milling operation. (P.210)
- ★Please refer P.53 for the Jet coolant system, J type nut and cap.
- ★GH handle is available as an option. (P.48 Please order with the Code No. GH6 : MDSK6 &, GH10 : MDSK10, GH12 : MDSK13, GH16 : MDSK16, GH20 : MDSK20, GH25 : MDSK25)
- ★Please add "P" at the end of Code No. for high speed specification, e.g NBT40-MDSK10-60P
- ★Holder with an adjust screw for axial adjustment is supplied as an option. Please contact us.
- ★Please refer P.53 for SK Coolant Solution.



Explanation of the Code No.

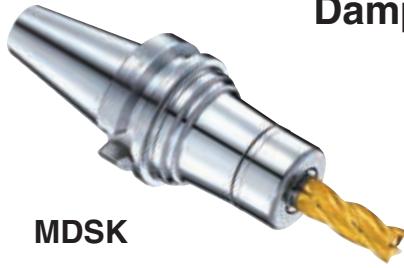


MAX. r/min

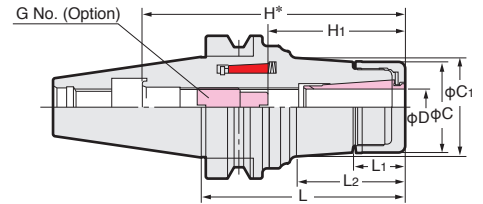
Code No.	MAX. r/min	Code No.	MAX. r/min	Code No.	MAX. r/min
NBT30-MDSK 6-P	30,000	NBT40-MDSK 6-P	25,000	NBT50-MDSK 6-P	20,000
-MDSK10-P		-MDSK10-P		-MDSK10-P	
-MDSK13-P		-MDSK13-P		-MDSK13-P	
-MDSK16-P	25,000	-MDSK16-P	20,000	-MDSK16-P	
		-MDSK20-P	20,000	-MDSK20-P	
				-MDSK25-P	

Holder with an adjust screw for axial adjustment is supplied as an option. Please contact us.

Dampening Effect
TiN Bearing Effect



MDSK

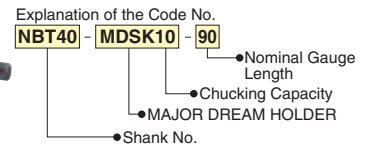


H : MAX. Cutter Shank Length to be inserted

JAPAN PAT.

TAPER	Code No.	D	L	L1	L2	C	C1	H*	H1	G No. (Option)	Weight (kg)	Collet						
No.50	NBT50-MDSK 6-105	3.0~6.0	105	16.2	48.0	19.5	24.0	116	21~35	SKG- 8	3.6	SK 6 A						
	-120		120		63.0		26.1	131			3.7							
	-MDSK10-105	3.0~10.0	105	18.2	48.0	27.5	31.7	116	30~50	SKG-12L	4.3	SK10 A						
	-120		120		63.2		33.8	131			4.4							
	-135		135		78.2		35.9	146			4.7							
	-165		165		110.2		40.4	176			5.0							
	-195		195		141.2		44.8	206			5.3							
	-MDSK13-105		3.0~13.0		105		22.0	48.0			33.0		36.7	116	31~60	SKG-15	4.2	SK13 A
	-120	120		63.0	38.8	131		4.7										
	-135	135		78.0	40.9	146		5.0										
	-165	165		110.0	45.4	176		5.3										
	-195	195		144.0	50.1	206		5.6										
	-MDSK16-105	3.0~16.0		105	23.0	48.0		40.0	43.5	116		45~70	SKG-18L	4.1			SK16 A	
	-120		120	64.0		45.8	131		4.9									
	-135		135	80.1		48.0	146		5.2									
	-165		165	114.7		52.6	176		5.5									
	-195		195	144.6		52.8	206		5.8									
	-MDSK20-105		4.0~20.0	105		25.2	42.3		48.0	51.4	159			47~80	SKG-22	4.9		SK20 A
	-135	135		72.0	55.6		175	5.3										
	-165	165		102.0	59.8		205	5.9										
	-195	195		132.0	64.0		235	6.7										
	-MDSK25-105	8.0~25.4		105	27.0		42.3	55.0		57.2	159	55~85	SKG-28			4.9	SK25 A	
	-135			135			74.0			61.6	175					5.7		
	-165		165	105.0		66.0	205		6.5									
-195	195		135.0	70.2		235	7.5											

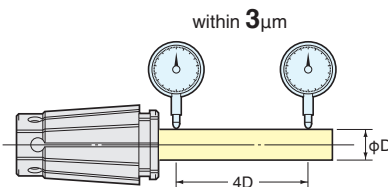
- ★Please use A type SK collet for the end milling operation.
- ★Please refer P.53 for the Jet coolant system, J type nut and cap.
- ★GH handle is available as an option. P.52 Please order with the Code No. GH6 : MDSK6 &, GH10 : MDSK10, GH12 : MDSK13, GH16 : MDSK16, GH20 : MDSK20, GH25 : MDSK25
- ★Please add "P" at the end of Code No. for high speed specification, e.g NBT40-MDSK10-60P
- ★Holder with an adjust screw for axial adjustment is supplied as an option. Please contact us.
- ★Please refer P.53 for SK Coolant Solution.



A TYPE SLIM COLLET



SK



SK Collet A Type
SK 6-3A, 4A, 5A, 6A
SK10-3A, 4A, 5A, 6A, 8A, 10A
SK13-3A, 4A, 5A, 6A, 8A, 10A, 12A, 13A
SK16-3A, 4A, 5A, 6A, 8A, 10A, 12A, 16A
SK20-4A, 5A, 6A, 8A, 10A, 12A, 16A, 20A
SK25-8A, 10A, 12A, 16A, 20A, 25A

★The acceptable shank tolerance of A Type collet is h8.

Inch	mm	Collet	Inch	mm	Collet
1/8	3.175	3.5	7/16	11.113	11.5
3/16	4.763	5	1/2	12.7	13
1/4	6.35	6.5	5/8	15.875	16
5/16	7.938	8.0	3/4	19.05	19.5
3/8	9.525	10	1	25.4	25.4

SK Collet A Type (Inch)
SK 6 -1/8A, 3/16A
SK10 -1/8A, 3/16A, 1/4A, 5/16A, 3/8A
SK13 -1/8A, 3/16A, 1/4A, 5/16A, 3/8A, 7/16A, 1/2A
SK16 -1/8A, 3/16A, 1/4A, 5/16A, 3/8A, 7/16A, 1/2A, 9/16A, 5/8A
SK20 -1/8A, 3/16A, 1/4A, 5/16A, 3/8A, 7/16A, 1/2A, 9/16A, 5/8A, 3/4A
SK25 -3/16A, 1/4A, 5/16A, 3/8A, 7/16A, 1/2A, 5/8A, 3/4A, 25.4A

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