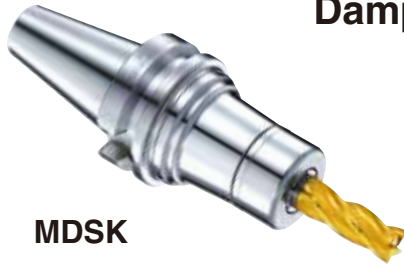
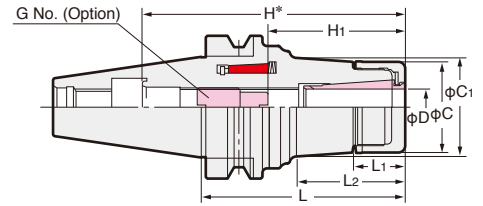


Holder with an adjust screw for axial adjustment is supplied as an option. Please contact us.

**Dampening Effect  
TiN Bearing Effect**



MDSK



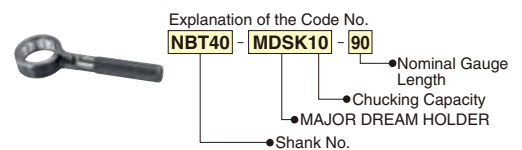
H : MAX. Cutter Shank Length to be inserted

**2LOCK** tool can be used on the M/C with BT standard spindle.

**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		83	0.6				
	- 75		75		40.5		98	0.7				
	- 90		90		55.5		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		82	0.6				
	- 75		75		42.9		97	0.8				
	- 90		90		58.7		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		98	0.8				
	- 90		90		60.0		113	0.8				
	-MDSK16- 75	3.0~16.0	75	23.0	47.5	40.0	60	75	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		101	0.9				
	- 90		90		48.0		116	1.1				
	-105		105		63.0		131	1.2				
	-120	120	78.0	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		101	1.3				
	- 90		90		48.0		116	1.5				
	-105		105		63.0		131	1.6				
	-120	120	78.0	146	1.8							
	-150	150	110.0	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		101	1.4				
	- 90		90		48.0		116	1.7				
	-105		105		63.0		131	1.8				
	-120	120	78.0	146	2.0							
	-150	150	110.0	176	2.4							
	-180	180	144.0	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		101	1.5				
	- 90		90		48.0		116	1.9				
	-105		105		64.0		131	2.0				
	-120	120	80.0	146	2.2							
	-150	150	113.0	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		95	SKG-12-55L		2.1			
-105		105		70.0		110	SKG-12-70L		2.3			
-120		120		85.0		125	SKG-12-85L		2.6			

- ★Please use A type SK collet for the end milling operation. (P.200)
- ★Please refer P.49 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.

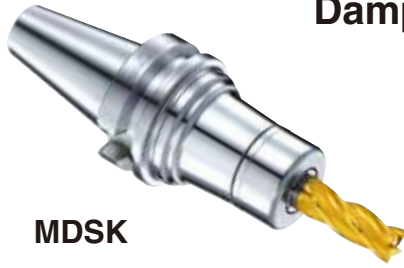


**MAX. min<sup>-1</sup>**

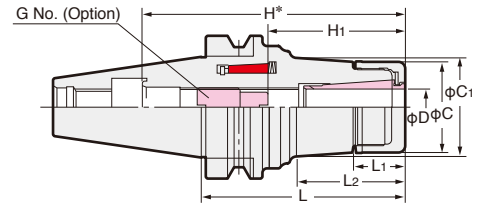
Code No.	MAX. min <sup>-1</sup>	Code No.	MAX. min <sup>-1</sup>	Code No.	MAX. min <sup>-1</sup>
NBT30-MDSK 6-P	30,000	NBT40-MDSK 6-P	25,000	NBT50-MDSK 6-P	20,000
-MDSK10-P		-MDSK10-P		-MDSK10-P	
-MDSK13-P		-MDSK13-P		-MDSK13-P	
-MDSK16-P	25,000	-MDSK16-P	20,000	-MDSK16-P	
		-MDSK20-P		-MDSK20-P	
				-MDSK25-P	

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

**Dampening Effect  
TiN Bearing Effect**



**MDSK**



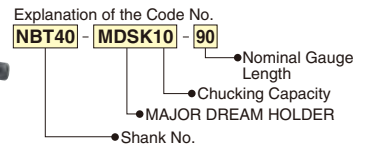
H : MAX. Cutter Shank Length to be inserted

**2LOCK** tool can be used on the M/C with BT standard spindle.

**JAPAN PAT.**

TAPER	Code No.	D	L	L1	L2	C	C1	H*	H1	G No. (Option)	Weight (kg)	Collet	
No.50	<b>NBT50-MDSK 6-105</b>	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
	<b>-MDSK10-105</b>	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
	<b>-MDSK13-105</b>	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
	<b>-MDSK16-105</b>	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
	<b>-MDSK20-105</b>	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
	<b>-MDSK25-105</b>	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

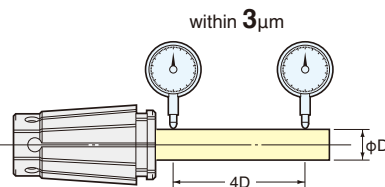
- ★Please use A type SK collet for the end milling operation.
- ★Please refer P.49 for the Jet coolant system, J type nut and cap.
- ★GH handle is available as an option. P.48 Please order with the Code No. GH6 : MDSK6 &, GH10 : MDSK10, GH12 : MDSK13, GH16 : MDSK16, GH20 : MDSK20, GH25 : MDSK25
- ★Please 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.



**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

2LOCK