

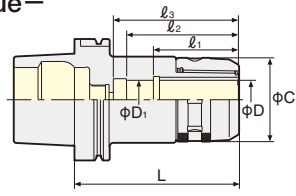
# HSK MILLING CHUCK

**NIKKEN**

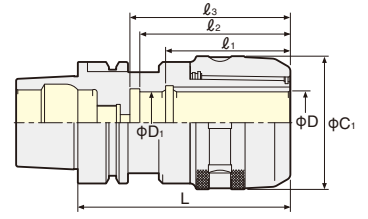


**C**  
Centre Through  
MAX. 7MPa

- ANNIVERSARY Type**  
— Powerful gripping torque —
- High rigidity
  - High precision
  - Compact design



**Fig.1**



**Fig.2**

TAPER	Code No.	C <sub>1</sub>	D	D <sub>1</sub>	L	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Weight (kg)	Fig.	Collet
<b>HSK 40A</b>	HSK 40A-C12- 80	33	12	12	80	49	53	58	0.5	2	<b>KM12 CCK12</b>
	-C16- 80	44	16	16	80	51	57	60	0.7		<b>KM16 CCK16</b>
	-C20-100* <sup>2</sup>	52	20	-	100	-	-	57	1.2		<b>KM20 CCK20</b>
<b>HSK 50A</b>	HSK 50A-C12- 80	33	12	12	80	49	53	56	0.8	1	<b>KM12 CCK12</b>
	-C16- 90	44	16	16	90	51	57	60	1.0		<b>KM16 CCK16</b>
	-C20- 95* <sup>2</sup>	52	20	20	95	58	65	68	1.2	2	<b>KM20 CCK20</b>
	-C25-100	55* <sup>1</sup>	25	25	100	56	72	75	1.5		<b>KM25 CCK25</b>
-C32-115	64* <sup>1</sup>	32	-	115	-	-	66	1.9	<b>KM32 CCK32</b>		
<b>HSK 63A</b>	HSK 63A-C12- 90	33	12	12	90	49	53	58	1.3	1	<b>KM12 CCK12</b>
	-C16- 75* <sup>2</sup>	44	16	-	75	-	-	50	1.2		<b>KM16 CCK16</b>
	- 90,120	44	16	16	90,120	51	57	60,65	1.4,1.7		<b>KM16 CCK16</b>
	-C20- 85* <sup>2</sup>	52	20	-	85	-	-	60	1.5	1	<b>KM20 CCK20</b>
	- 95	52	20	20	95	58	65	68	1.6		<b>KM20 CCK20</b>
	-110,120,135	52	20	20	110,120,135	58	66	80	1.8,1.9,2.1	<b>KM20 CCK20</b>	
	-C25- 90* <sup>2</sup>	60	25	25	90	59	62	65	1.7	2	<b>KM25 CCK25</b>
	-100	60	25	25	100	61	72	75	1.9		<b>KM25 CCK25</b>
	-130,150	60	25	25	130,150	61	72	80	2.3,2.6		<b>KM25 CCK25</b>
	-C32-110* <sup>2</sup>	69	32	32	110	66	80	83	2.2		<b>KM32 CCK32</b>
-130	69	32	25	130	70	81	107	2.6	<b>KM32 CCK32</b>		
-150	69	32	25	150	70	81	107	3.0	<b>KM32 CCK32</b>		
<b>HSK 100A</b>	HSK100A-C16- 90	44	16	16	90	-	-	60	2.4	1	<b>KM16 CCK16</b>
	-135	44	16	16	135	52	56	65	3.0		<b>KM16 CCK16</b>
	-165	44	16	16	165	52	56	65	3.4		<b>KM16 CCK16</b>
	-C20-115	52	20	20	115	-	-	80	3.3	1	<b>KM20 CCK20</b>
	-135	52	20	20	135	58	66	80	3.6		<b>KM20 CCK20</b>
	-165	52	20	20	165	58	66	80	4.1		<b>KM20 CCK20</b>
	-C25-115	60	25	25	115	-	-	80	3.3	1	<b>KM25 CCK25</b>
	-135	60	25	25	135	61	72	80	3.6		<b>KM25 CCK25</b>
	-165	60	25	25	165	61	72	80	4.2		<b>KM25 CCK25</b>
	-C32-115	69	32	25	115	66	78	83	3.2	1	<b>KM32 CCK32</b>
	-135	69	32	25	135	66	78	103	4.0		<b>KM32 CCK32</b>
	-165	69	32	25	165	66	78	103	4.8		<b>KM32 CCK32</b>
	-200	69	32	25	200	70	81	107	5.7		<b>KM32 CCK32</b>
	-250	69	32	25	250	70	81	107	7.0		<b>KM32 CCK32</b>
	-300	69	32	25	300	70	81	107	8.9	<b>KM32 CCK32</b>	
	-C42-115	86	42	42	115	-	-	80	4.8	2	<b>KM42 CCK42</b>
	-135	86	42	42	135	73	115	103	5.9		<b>KM42 CCK42</b>
-165	86	42	42	165	73	115	125	7.0	<b>KM42 CCK42</b>		
-200	86	42	42	200	73	115	125	8.5	<b>KM42 CCK42</b>		
-250	86	42	42	250	73	115	125	10.8	<b>KM42 CCK42</b>		
-300	86	42	42	300	73	115	125	12.4	<b>KM42 CCK42</b>		


\*Spanner is available as an option.  
C12 : 9HC12A C16 : 9HC16 C20 : 9HC22  
C25 : 9HC25 C32 : 9HC32 C42 : 9HC42

\*1 C25 & φC<sub>1</sub>=55 : 9HC22, C32 & φC<sub>1</sub>=64 : 9HC25

\*Please note the acceptable shank tolerance is h6~7.

\*For heavy duty milling, please grip the cutter shank longer than l<sub>1</sub>.

★NK, CCNK, ONK and OJK collet can not be used for the chucks marked \*2.

★Please refer  P.221 for KM and CCK collet.

★C22 style is also available.

