

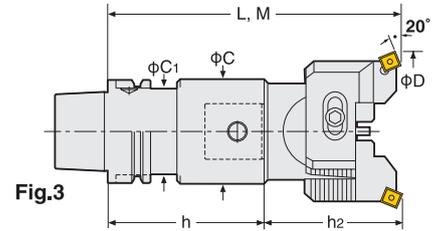
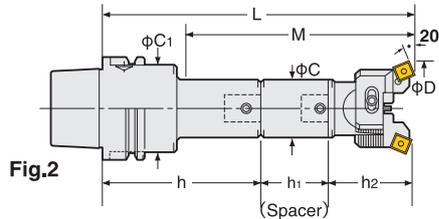
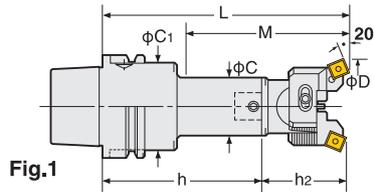
# HSK BALANCE-CUT BORING ARBOR (RAC-K)

**NIKKEN**

Rough Boring—For Through Hole and Multi Sheets

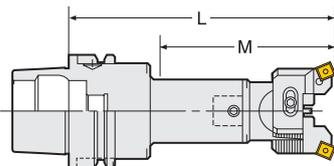


RAC-K



TAPER	Code No.	Boring Range D	Boring Depth M	C	C <sub>1</sub>	Shank Code No.	Spacer Code No.	P.70		Weight (kg)	Fig	
								Head Code No.	Tip No.			
HSK63A	HSK 63A-RAC25-135K	25~32	67	15	24	HSK 63A-Q12- 80	—	12-RAC 25- 55K	SC09	1.7	1	
	-165K		105			-Q12-110						1.8
	-180K		112			-Q12- 80						SP12-12-45
	-RAC32-150K	32~45	77	19	30	-Q16- 95	—	16-RAC 32- 55K	SC09	2.1	1	
	-180K		110			-Q16-125						2.3
	-195K		122			-Q16- 95						SP16-16-45
	-RAC43-150K	43~55	97	40	50	-Q20- 80	—	20-RAC 43- 70K	SC12	2.4	1	
	-180K		130			-Q20-110						2.6
	-210K		157			-Q20- 80						SP20-20-60
	-RAC53-165K	53~70	135	53	53	-Q26- 95	—	26-RAC 53- 70K	SC12	2.2	1	
	-210K		180			-Q26-140						3.0
	-225K		195			-Q26- 95						SP26-26-60
	-RAC70-180K	70~100	180	64	52.4	-Q34- 95	—	34-RAC 70- 85K	SC12	4.5	3	
	-195K		195			-Q34-110						4.9
	-240K		240			-Q34- 95						SP34-34-60
-RAC100-195K	100~130	195	83	—	42-RAC100-100K	6.5						

- ★“C” grade (Coated) inserts are supplied as standard with the head. P.70 Please refer P.85 for cutting condition.
- ★Please refer P.79 for base holder, P.38 for spacer and P.19 for head.
- ★For centre through tool coolant type, please add “-C” at the end of Code No. e.g. HSK63A-RAC53-165K-C
- ★For HSK40A or 50A, modular connection system is applied. Please refer P.79 for Base Holder.
- ★When L length is required longer than standard, please specify the boring depth M.



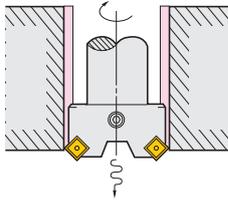
High Pressure Coolant Through Tool

# HSK BALANCE-CUT BORING ARBOR (RAC-K)



Balance cut boring bar executes boring in 2 cartridge inserts absorbing the vibration each other. The faster the feed rate, the better swarf ejection. This is Ideal for rough and medium boring.

## Double Cutting Capability



TAPER	Code No.	Boring Range D	Boring Depth M	C	C <sub>1</sub>	Shank Code No.	Spacer Code No.	P.70		Weight (kg)	Fig						
								Head Code No.	Tip No.								
HSK100A	HSK100A-RAC 25-150K	25~32	67	15	24	HSK100A-Q12- 95	—	12-RAC 25- 55K	SC09	3.9	1						
	-180K		105			-Q12-125				4.1							
	-195K		112			-Q12- 95				SP12-12-45	4.0	2					
	-RAC 32-180K	32~45	77	31	50	-Q16-125N	—	16-RAC 32- 55K	SC09	4.6	1						
	-210K		110			-Q16-155				4.8							
	-225K		122			-Q16-125N				SP16-16-45	4.8	2					
	-RAC 43-180K		43~55			97				40	60	-Q20-110	—	20-RAC 43- 70K	SC12	4.9	1
	-195K	130		-Q20-125	5.0												
	225K	142		-Q20-110	SP20-20-45	5.3	2										
	-240K	157		-Q20-110	SP20-20-60	5.4											
	-RAC 53-210K	53~70		117	53	65		-Q26-140	—			26-RAC 53- 70K				SC12	6.1
	-240K		182	-Q26-170N			6.2										
	-270K		177	-Q26-140			SP26-26-60	6.8		2							
	-RAC 70-255K		70~100	202			64	80		-Q34-170	—		34-RAC 70- 85K	SC12	8.7		1
	-285K	232		-Q34-200	9.1												
	-315K	262		-Q34-170	SP34-34-60	10.1			2								
	-RAC100-225K	100~130		225	83	83			-Q42-125	—		42-RAC100-100K			SC12	11.7	1
	-290K			290					-Q42-190							11.7	
	-315K		315	-Q42-125			SP42-42-90	15.1	2								

★“C” grade (Coated) inserts are supplied as standard with the head. P.70 Please refer P.85 for cutting condition.

★Please refer P.79 for base holder, P.38 for spacer and P.19 for head.

★For centre through tool coolant type, please add “-C” at the end of Code No. e.g. HSK100A-RAC53-210K-C

★For HSK40A or 50A, modular connection system is applied. Please refer P.79 for Base Holder.

★HSK100A-RAC100-375K, 425K and 475K are also available.

## Insert tip for RAC-K

● : best ○ : good

Material	Steel		Stainless Steel		Cast Iron		Aluminium	
	Coated Carbide M	Coated Carbide K						
Applicable Arbor	Dimension	Code No.	Grade		Material		Material	
			AC630M	AC410K	Nose R	AC630M	AC410K	
RAC25K, RAC32K		SC09-○4	●	●	0.4	●	●	
RAC43K-RAC100K		SC12-○8	●	●	0.8	●	●	

Please add the grade indication into ○, and add the insert tip material indication at the end off the Code No. e.g. SC12-C8 (AC630M)

★Minimum order quantity : 10pcs.

HSK