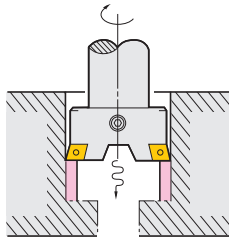


# BALANCE-CUT BORING ARBOR (RAC-A)

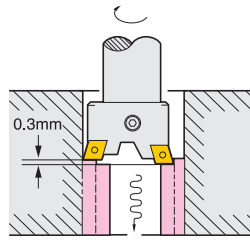
**NIKKEN**

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



## Example of 2 Stepped Balance Cut



Approx. double removal of below cutting condition is possible by **-0.3 Cartridge**.  
 ☞ P.70

TAPER	Code No.	Boring Range D	Boring Depth M	Coupling Dia Q	C	C <sub>1</sub>	Shank Code No.	Spacer Code No.	P.66		Weight (kg)	Fig
									Head Code No.	Tip No.		
No.50	BT50-RAC 25-150A	25~ 32	67	12	24	44	BT50-Q12- 95	—	12-RAC 25- 55A	AEG12	4.7	1
	(IT50) -180A		105				-Q12-125				4.9	
	-195A		112				-Q12- 95				4.8	
	-RAC 32-180A	32~ 45	77	16	31	50	-Q16-125N	—	16-RAC 32- 55A	AEG12	5.4	1
	-210A		110				-Q16-155				5.6	
	-225A		122				-Q16-125N				5.6	
	-RAC 43-180A	43~ 55	97	20	40	60	-Q20-110	—	20-RAC 43- 70A	AEG16	5.7	1
	-195A		130				-Q20-125				5.8	
	-225A		142				-Q20-110				6.1	
	-240A		157				SP20-20-45 SP20-20-60				6.2	
	-RAC 53-210A	53~ 70	117	26	50	65	-Q26-140	—	26-RAC 53- 70A	AEG16	6.9	1
	-240A		182				-Q26-170N				7.0	
	-270A		177				-Q26-140				7.6	
	-RAC 70-255A	70~100	205	34	64	80	-Q34-170	—	34-RAC 70- 85A	AEG16	9.5	1
	-285A		235				-Q34-200				9.9	
	-315A		265				-Q34-170				10.9	
	-RAC100-225A	100~130	225	42	83	83	-Q42-125	—	42-RAC100-100A	AEG16	12.5	1
	-290A		290				-Q42-190				15.2	
	-325A		325				-Q42-225A				16.5	

★“F” grade inserts are supplied as standard with the head. ☞ P.66 Please refer ☞ P.95 for cutting condition.  
 ★Please refer ☞ P.85 for base holder, ☞ P.86 for spacer and ☞ P.69 for head.  
 ★For centre through tool coolant type, please add “-C” at the end of Code No. e.g. BT50-RAC53-210A-C  
 ★BT50-RAC100-375A, 425A and 475A are also available.

## Insert tip for RAC-A

Material	Steel		Code No.	Grade	Material
	Stainless Steel				
Cast Iron		Aluminium		Coated Carbide K	
				F	
				KW10	
RAC25A, RAC32A		AEG12-○1	0.1	●	KW10
		AEG12-○2	0.2	●	
		AEG12-○4	0.4	●	
RAC43A-RAC530A		AEG16-○1	0.1	●	KW10
		AEG16-○2	0.2	●	
		AEG16-○4	0.4	●	

Please add the grade indication into ○, and add the insert tip material indication at the end off the Code No.  
 e.g. AEG16-F2 (KW10)

★Minimum order quantity : 10pcs.

BT