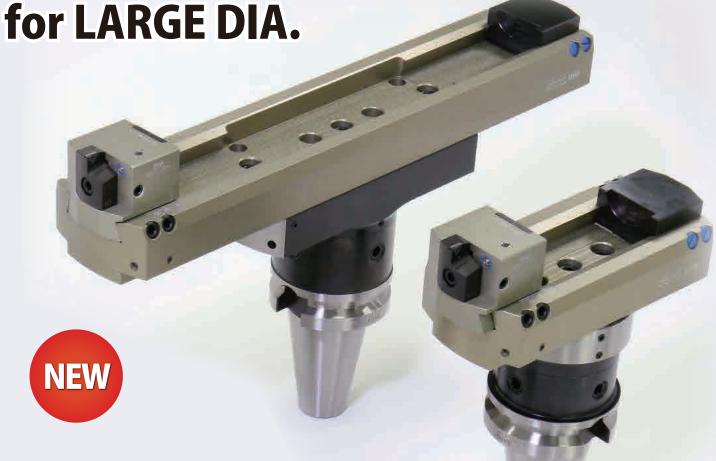


Optimized for High Speed & Deep Hole Boring

ULTRA-LIGHT WEIGHT
BALANCE CUT BORING ARBOR



Special Hardened Light Alloy Material

Very Plate and Cartridge





BALANCE-CUT RAC BORING ARBOR for LARGE DIA. NIKKEN

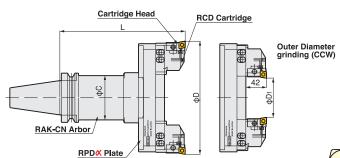


For Roughing

■With the screws for slight adjustment

■Boring Dia. : ϕ 130 \sim ϕ 580mm





Boring Dia.: φ130~580mm / Over Turning Dia.: 10~430mm

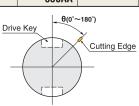
	Dia Ψ130 - 360iiiii		9						
TAPE	Code.No	D MIN.~MAX.	L	D ₁ MIN.~MAX.	С	RAK Arbor Code No.	RPD Plate No.	RCD Cartridge No.	Weight (Kg)
N - 40	BT40-RAC130-225AA	130~	225	10~30	61		RPD-130AA		7.2
No.40	(IT40)-RAC180-225AA	180~		30~80		BT40-RAK-130A	-180AA		7.7
	BT50-RAC130-205AA		205			BT50-RAK-110A			9.5
	(IT50) -255AA	130~	255			-160A	RPD-130AA	For Heavy Duty Boring of Iron and Cast Iron RCD-130 ×2 Insert Tip CN08	12.2
	-305AA		305			-210A			14.9
	-355AA		355	10~30		-260A			17.6
	-405AA		405			-310A			20.3
	-455AA		455			-360A			23.0
	-505AA		505			-410A			25.7
	-RAC180-205AA	180~	205	30~80		-RAK-110A			10.0
	-255AA		255 305 355		- 90	-160A			12.7
	-305AA					-210A			15.4
	-355AA					-260A			18.1
	-405AA		405			-310A			20.8
	-455AA		455			-360A			23.5
	-505AA		505			-410A			26.2
	-RAC230-205AA	230~	205	80~130		-RAK-110A	RPD-230AA		10.6
	-255AA		255			-160A			13.3
No.50	-305AA		305 355 405			-210A			16.0
	-355AA					-260A			18.7
	-405AA					-310A			21.4
	-455AA		455			-360A			24.1
	-505AA		505			-410A			26.8
	-RAC280-205AA	280~	205 255 305 355	130~180		-RAK-110A			11,1
	-255AA					-160A			13.8
	-305AA					-210A			16.5
	-355AA					-260A			19.2
	-405AA		405			-310A			21.9
	-455AA		455			-360A			24.6
	-505AA	330~ 380~ 430~	220 (230*)	180~230	98	-410A	RPD-330AA		27.3 16.4
	-RAC330-220AA*			230~280		BT50-RAK330-125 IT50-RAK330-135	-380AA		16.4
	-RAC380-220AA* -RAC430-220AA*			280~330			-300AA -430AA		17.4
	-RAC430-220AA*	480~		330~380			-430AA	-	17.4
	-RAC530-220AA*	530~		380~430			-400AA -530AA		18.4
	-nAC330-220AA	330.0		300, 430			-DOUAA		10.4

- ★The Code No. on above table are the boring arbors with RCD-130 cartridge (Insert tip: CN08) the Heavy Duty Boring of Iron and Cast Iron.
- ★Boring arbor with cartridges & insert for Steel, Stainless Steel and Cast Iron (E) , for Aluminum (A) and for Through Hole & Multi Sheets (K) are available.
- ★Arbor, plate and cartridges are delivered in separate packages.
 ★Please check the interference of the arbor with your M/C not to occur the interference in the tool magazine.
- ★The location of the cutting edge is same as the drive key for standard. The different location is available, please specify θ. e.g. BT50-RAC180-255AA (90')

 ★The boring arbors marked * with IT50, L (gauge length) is 220. e.g. IT50-RAC330-230AA

 ★Special sleeves (2 pieces) are required to change the arbor to support center coolant. Code No. RAK-CLS (sold separately)

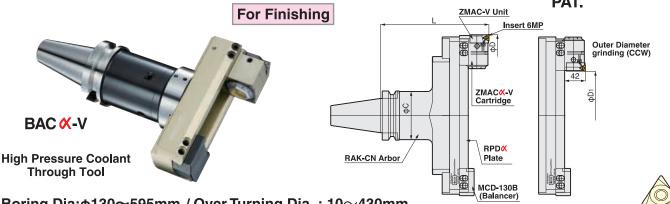
- ★When using it for outer diameter cutting, the spindle will rotate in reverse.



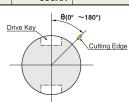
View from Cutting Edge

BALANCE-CUT BAC ADVANCED BORING ARBOR for LARGE DIA. NIKKEN





Boring Dia:φ130~595mm / Over Turning Dia. : 10~430mm									
TAPE	Code,No	D	L	D1	С	RAK Arbor	RPD	Cartridge	Weight
IAIL	Code.No	MIN.~MAX.	_	MIN.~MAX.		Code No.	Plate No.	(Balancer)	(Kg)
No.40	BT40-BAC130-225AAV	130~180	225	10~30	61	BT40-RAK-130A	RPD-130AA		7.5
	(IT40)-BAC180-225AAV	180~230		30~80			-180AA	MCDZ-130AAV (MCD-130B) Insert 6MP	8.0
	BT50-BAC130-205AAV	-	205			BT50-RAK-110A	RPD-130AA		9.8
	(IT50) -255AAV		255			-160A			12.5
	-305AAV		305			-210A			15.2
	-355AAV	130~180	355	10~30		-260A			17.9
	-405AAV		405			-310A			20.6
	-455AAV		455			-360A			23.3
	-505AAV		505			-410A			26.0
	-BAC180-205AAV		205	30~80		-RAK-110A	RPD-180AA		10.3
	-255AAV	180~230	255 305 355 405			-160A			13.0
	-305AAV					-210A			15.7
	-355AAV					-260A			18.4
	-405AAV					-310A			21.1
	-455AAV		455		- 90	-360A			23.8
	-505AAV		505			-410A			26.5
	-BAC230-205AAV	230~280	205			-RAK-110A	RPD-230AA		10.9
	-255AAV		255			-160A			13.6
No.50	-305AAV		305 355 405 455	80~130		-210A			16.3
	-355AAV					-260A			19.0
	-405AAV					-310A			21.7
	-455AAV					-360A			24.4
	-505AAV		505			-410A			27.2
	-BAC280-205AAV	280~330	205 255 305 355	130~180		-RAK-110A	RPD-280AA		11.4
	-255AAV					-160A			14.1
	-305AAV					-210A			16.8
	-355AAV					-260A			19.5
	-405AAV		405			-310A			22.2
	-455AAV		455			-360A			24.9
	-505AAV		505			-410A			27.6
	-BAC330-220AAV*	330~380		180~230			RPD-330AA		16.7
	-BAC380-220AAV*	380~430	220	230~280		BT50-RAK330-125	-380AA		17.2
	-BAC430-220AAV*	430~480	430~480 (230*)	280~330	98	IT50-RAK330-135	-430AA		17.7
	-BAC480-220AAV*	480~530	, ,	330~380			-480AA		18.2
	-BAC530-220AAV*	530~580		380~430			-530AA		18.7



View from Cutting edge.

^{*&}quot;C" grade (Coated) Inserts are supplied as standard.

★Unit "M10HZ-75V" is provided as semi-standard.

★Arbor, Plate and Cartridge are delivered in separate packages.

★When ordering, please let us know machine maker and model no. to avoid the interference with tool magazine of ATC.

★The location of cutting edge is same as drive key in standard.

The different location is available, please specify 9 in Code No. 2 R PT50-BAC190-255AAV (90°)

The different location is available, please specify θ in Code No. e.g. BT50-BAC180-255AAV (90°) ★The boring arbors marked * with IT50, L (gauge length) is 220. e.g. IT50-BAC330-230AAV

[★]Special sleeves (2 pieces) are required to change the arbor to support center coolant. Code No. RAK-CLS (sold separately)

 $[\]bigstar$ When using it for outer diameter cutting, the spindle will rotate in reverse.

BALANCE-CUT BORING ARBOR for LARGE DIA. ULTRA-LIGHT WEIGHT NIKKEN

RAC K BORING ARBOR

Code.No

HSK 63A-RAC130-225AA

HSK100A-RAC130-205AA

-RAC180-225AA

-255AA

-305AA

-355AA

-405AA

-455AA

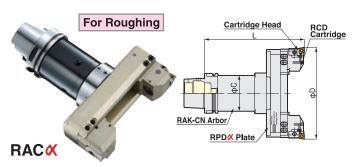
-505AA

-RAC230-205AA

-RAC280-205AA

-RAC180-205AA

■BAC≪ADVANCED BORING ARBOR



D

MIN.~MAX.

130~180

180~230

130~180

180~230

230~280

280~330

330~380

380~430

430~480

480~530

530~580

225

205

255

305

355

405

455

505

205

255

305

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505

205

255

305

355

405

455

505

205

255

305

355

405

455

505

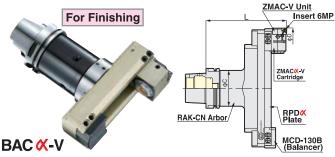
220

High Pressure Coolant Through Tool

TAPE

HSK63A

HSK100A



High Pressure Coolant Through Tool

0

Over Turning

MIN.~MAX.

10~30

30~80

10~30

30~80

80~130

130~180

180~230

230~280

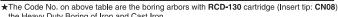
280~330

330~380

380~430



TAPE				FAI	•
HSK63A HSK 63A-BAC130-225AAV 130~180 225 30~80 HSK100A-BAC130-205AAV 205 255 30~80 -255AAV 255 255 30~80 -255AAV 305 305 305 305 -355AAV 305 405 405 405 -405AAV 405 405 405 -305AAV 305 30~80 -355AAV 305 305 -355AAV 305 30~80 -355AAV 305 30~80 -355AAV 305 305 -305AAV 305 -305	TADE	Code No	D	1	Over Turning
HSK63A -BAC180-225AAV 180~230 225 30~80 45K100A-BAC130-205AAV 205 255 -3055AAV 130~180 355 10~30 -405AAV 405 405 -BAC180-205AAV 205 255 -BAC180-205AAV 205 255 -305AAV 405 405 -405AAV 405 455 -505AAV 200 205 -BAC230-205AAV 200 205 -BAC230-205AAV 200 205 -BAC230-205AAV 200 205 -BAC280-205AAV 200 205 -BAC30-205AAV 200 205 -BAC30-205AAV 200 205 -BAC30-205AAV 200 205 -BAC30-205AAV 200 205 -BAC30-20AAV 300 305 305 -BAC30-20AAV 300 305 305 -BAC30-220AAV 300 305 305 -BAC30-220AAV 300 305 305 -BAC30-220AAV 300 305 305 -BAC30-220AAV 300 300 305 -BAC30-220AAV 300 300 300 300 -BAC30-220AAV 300 300 300 300 300 300 -BAC480-220AAV 480 500 300	IAFE	Oode,NO	MIN.~MAX.	_	MIN.~MAX.
HSK100A-BAC130-205AAV	TIGNES V	HSK 63A-BAC130-225AAV	130~180	225	10~30
-255AAV -305AAV -305AAV -405AAV -405	покози	-BAC180-225AAV	180~230		30~80
305AAV 130~180 355		HSK100A-BAC130-205AAV		205	
-355AAV		-255AAV		255	
## 1405AAV 405 455 455 505		-305AAV		305	
+355AAV 505 505 -BAC180-205AAV 205 255 -305AAV 180~230 355 30~80 -405AAV 405 455 -505AAV 505 -405AAV 405 455 -505AAV 206 255 -405AAV 405 455 -505AAV 206 255 -8AC230-205AAV 230~280 355 80~130 -405AAV 405 405 -405AAV 405 405 -405AAV 405 405 -405AAV 230~280 355 80~130 -405AAV 255 305 -8AC280-205AAV 255 305 -305AAV 255 305 -305AAV 255 305 -305AAV 280~330 355 130~180 -405AAV 405 405 -405AAV 405 -405AAV 405 -405AAV 405 405 -405AAV		-355AAV	130~180	355	10~30
-505AAV		-405AAV		405	
BAC180-205AAV 205 255 30~80		-455AAV		455	
HSK100A -255AAV -305AAV -355AAV -405AAV -455AAV -505AAV -505AAV -255AAV -255AAV -305AAV -305AAV -305AAV -255AAV -255AAV -305AAV -305AAV -355AAV -405AAV -455 -505AAV -505AAV -505AAV -255AAV -255AAV -405AAV -355AAV -305AAV -255AAV -305AAV -355AAV -405AAV -355AAV -305AAV		-505AAV		505	
-305AAV		-BAC180-205AAV		205	
-355AAV		-255AAV		255	
## Package		-305AAV	180~230	305	
## Package		-355AAV		355	30~80
-505AAV		-405AAV		405	
-BAC230-205AAV		-455AAV		455	
#\$K100A -305AAV -305AAV -355AAV -405AAV -405AAV -455AAV -505AAV -505AAV -255AAV -205 -BAC280-205AAV -305AAV -305AAV -305AAV -305AAV -405AAV -405AAV -455AAV -455AAV -455AAV -505AAV -505AAV -8AC330-220AAV -8AC430-220AAV -8AC480-220AAV -8AC480-220A		-505AAV		505	
HSK100A -305AAV -355AAV 230~280 305 405 405 445 455 505 -BAC280-205AAV -305AAV 280~330 305 205 255 305 130~180 405 405 405 405 405 405 405 405 405 4		-BAC230-205AAV		205	
-355AAV 230~280 355 80~130 -405AAV 405 -455AAV 505 -BAC280-205AAV 205 -305AAV 305 -405AAV 330~380 -BAC330-220AAV 380~430 -BAC430-220AAV 430~480 -BAC480-220AAV 480~530 -355AAV 220~30 -355AAV 255 -305AAV 255 -305AAV 255 -305AAV 255 -305AAV 280~330 -305AAV 255 -305		-255AAV		255	
-405AAV	HSK100A	-305AAV		305	
-455AAV		-355AAV	230~280	355	80~130
-505AAV 505 -BAC280-205AAV 205 -255AAV 255 -305AAV 305 -355AAV 280~330 355 130~180 -405AAV 455 -505AAV 505 -BAC330-220AAV 330~380 180~230 -BAC430-220AAV 430~480 220 280~330 -BAC480-220AAV 480~530 330~380		-405AAV		405	
-BAC280-205AAV -255AAV -305AAV -355AAV -405AAV -455AAV -505AAV -505AAV -BAC330-220AAV 330~380 -BAC430-220AAV -BAC480-220AAV 430~480 -BAC480-220AAV 480~530 -BAC480-220AAV 480~530 -BAC480-220AAV 480~530 -BAC480-330 330~380		-455AAV		455	
-255AAV -305AAV -305AAV 280~330 305 305 405 -405AAV 455 -505AAV 505 -BAC330-220AAV 380~430 -BAC430-220AAV 480~530 300 300 180~230 280~330 280~330 330~380		-505AAV		505	
-305AAV -355AAV 280~330 305 405 405 445 455 505 -BAC330-220AAV 380~430 -BAC430-220AAV 430~480 -BAC480-220AAV 480~530 305 130~180 180~230 230~280 230~280 280~330 330~380		-BAC280-205AAV		205	
-355AAV 280~330 355 130~180 -405AAV 405 -455AAV 505 -505AAV 505 -BAC330-220AAV 330~380 180~230 -BAC430-220AAV 430~480 220 -BAC480-220AAV 480~530 220 330~380		-255AAV		255	
-405AAV		-305AAV		305	
-455AAV 455 -505AAV 505 -BAC330-220AAV 330~380 -BAC430-220AAV 380~430 -BAC430-220AAV 430~480 -BAC480-220AAV 480~530 -BAC480-220AAV 480~530		-355AAV	280~330	355	130~180
-505AAV 505 -BAC330-220AAV 330~380 -BAC430-220AAV 380~430 -BAC430-220AAV 430~480 -BAC480-220AAV 480~530 330~380		-405AAV		405	
-BAC330-220AAV 330~380 180~230 -BAC380-220AAV 380~430 230~280 -BAC430-220AAV 430~480 220 280~330 -BAC480-220AAV 480~530 330~380		-455AAV		455	
-BAC380-220AAV 380~430 -BAC430-220AAV 430~480 220 280~330 -BAC480-220AAV 480~530 330~380		-505AAV		505	
-BAC430-220AAV 430~480 220 280~330 -BAC480-220AAV 480~530 330~380		-BAC330-220AAV	330~380		180~230
-BAC480-220AAV 480~530 330~380		-BAC380-220AAV	380~430		230~280
		-BAC430-220AAV	430~480 220		280~330
-BAC530-220AAV 530~580 380~430		-BAC480-220AAV	480~530		330~380
		-BAC530-220AAV	530~580		380~430



the Heavy Duty Boring of Iron and Cast Iron.

★Boring arbor with cartridges & insert for Steel, Stainless Steel and Cast Iron (E), for Aluminum (A) and for Through Hole & Multi Sheets (K) are available.

-RAC330-220AA

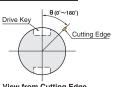
-RAC380-220AA -RAC430-220AA

-RAC480-220AA

-RAC530-220AA

*Arbor, plate and cartridges are delivered in separate packages. ★Please check the interference of the arbor with your M/C not to occur the interference in the tool magazine.

[★]The location of cutting edge is same as drive key in standard. The different location is available, please specify θ in Code No. e.g. HSK100A-BAC180-255AAV (90°)



View from Cutting Edge

[★]The location of the cutting edge is same as the drive key for standard. The different location is available, please specify θ. e.g. HSK100A-RAC180-255AA (90°)

^{★&}quot;C" grade (Coated) Inserts are supplied as standard.

[★]Unit "M10HZ-75V" is provided as semi-standard, ★Arbor, Plate and Cartridge are delivered in separate packages

[★]When ordering, please let us know machine maker and model no. to avoid the interfererce with tool magazine of ATC.