

3BLOCK ZMAC ADVANCED BORING ARBOR (ZMAC-V)

NIKKEN

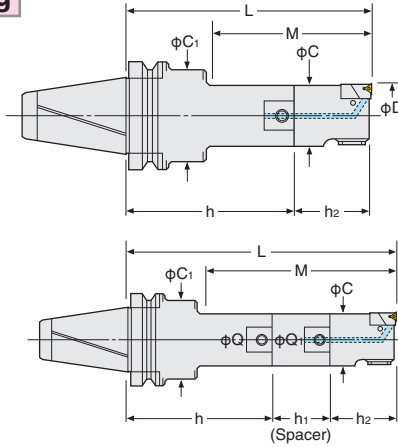
JAPAN PAT.

Boring for Finishing

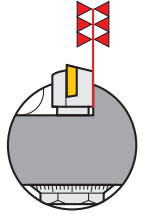


ZMAC-V

Photo shows ZMAC α -V.



No Micro Vibration due to Double-Contact Support of Cartridge. Long Tool-Life & High Accuracy.

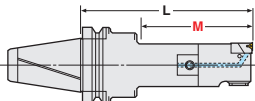


Only for ZMAC16-V

All codes shown are for heads with triangular inserts For heads with rhomboid inserts please add the letter "R" to the code No. e.g. MBT40-ZMAC32 R -150V

TAPER	Code No.	Boring Range D	Boring Depth M	Cupling Dia M	C	C1			Weight (kg)
							Head No.	Insert No.	
No.40	MBT40-ZMAC 16-125V, 135V	15.9~20.2	38, 48	12	15	24	12-ZMAC16-45V, 55V	3MP-C,B	1.9, 1.9
	-ZMAC 20-120V, 135V, 150V	19.8~25.2	45, 67, 75	9	19	30	9-ZMAC20-40V		1.9, 1.9, 2.0
	-ZMAC 25-120V, 150V, 165V	24.8~32.2	52, 90, 97	12	24	35	12-ZMAC25-40V		2.0, 2.1, 2.1
	-ZMAC 32-150V, 180V, 195V	31.8~42.2	77, 110, 122	16	31	42	16-ZMAC32-55V	4MP-C,B	2.5, 2.7, 2.7
	-ZMAC 42-150V, 180V, 210V	41.8~55.2	97, 130, 157	20	40	50	20-ZMAC42-70V	6MP-C,B	3.0, 3.2, 3.5
	-ZMAC 55-165V, 210V, 225V	54.8~70.2	135, 180, 195	26	53	50	26-ZMAC55-70V		3.9, 4.6, 4.6
	-ZMAC 70-165V, 180V, 225V	69.8~85.2	165, 180, 225	34	67	64	34-ZMAC70-70V		5.4, 5.8, 6.8
	-ZMAC 85-195V	84.8~100.2	195	42	83	62	42-ZMAC85-100V		9.0
No.50	MBT50-ZMAC 16-140V, 150V	15.9~20.2	38, 48	12	15	24	12-ZMAC16-45, 55V	3MP-C,B	4.7, 4.7
	-ZMAC 20-150V, 165V, 180V	19.8~25.2	45, 67, 75	9	19	40	9-ZMAC20-40V		4.8, 4.8, 4.9
	-ZMAC 25-135V, 165V, 180V	24.8~32.2	52, 90, 97	12	24	44	12-ZMAC25-40V		4.8, 4.8, 4.9
	-ZMAC 32-180V, 210V, 225V	31.8~42.2	77, 110, 122	16	31	50	16-ZMAC32-55V	4MP-C,B	5.5, 5.6, 5.7
	-ZMAC 42-180V, 195V, 225V, 240V	41.8~55.2	97, 130, 142, 157	20	40	60	20-ZMAC42-70V	6MP-C,B	6.0, 6.0, 6.4, 6.5
	-ZMAC 55-210V, 240V, 270V	54.8~70.2	117, 182, 177	26	53	65	26-ZMAC55-70V		7.5, 7.6, 8.1
	-ZMAC 70-240V, 270V, 300V	69.8~85.2	190, 220, 250	34	67	80	34-ZMAC70-70V		10.0, 10.6, 11.5
	-ZMAC 85-225V, 290V, 315V	84.8~100.2	182, 247, 272	42	83	83	42-ZMAC85-100V		12.5, 15.0, 16.0
	-ZMAC100-225V, 290V*	99.5~140.5	225, 290				42-ZMAC100-100V		13.8, 16.5
-ZMAC140-225V, 290V*	139.5~180.5	42-ZMAC140-100V					14.6, 17.3		

- ★MIN. dial readout : ZMAC25-V & smaller is 0.02mm on diameter. ZMAC32-V and larger are 0.01mm on diameter.
- ★"C" grade (Coated) insert for Steel, Stainless & Cast Iron is supplied as Standard with the head (Smooth boring & Long tool-life). We would recommend "B" grade (CBN) insert for Hardened Steel & High Speed boring of Cast Iron. Please refer P.125 for cutting condition.
- ★Please refer P.182 for Shank, and P.108 for Spacer, and P.93 for Head.
- ★Centre Through Coolant function is available as standard.
- ★* : MBT50-ZMAC100-325V, 375V, 425V, 475V are also available. MBT50-ZMAC140-325V, 375V, 425V, 475V
- ★When L length is required longer than standard, please specify boring depth M.



High Pressure Coolant Through Tool

High Speed Boring ZMAC α -V
Special Hardened Light Alloy Metal Head with Balancing for Anti-Vibration.
MAX12,000r/min

ZMAC-V for Multi-Stage Boring Bar

Please contact us for the special boring bar.



Photo. shows NC5 shank.

Please add "AA" at the end of Code No. for the boring arbor with ZMAC α -V head. P.94 e.g. MBT40-ZMAC42-150AAV

3BLOCK