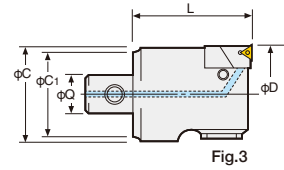
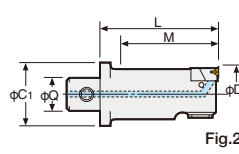
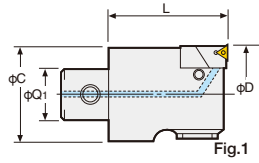


MODULAR TYPE ZMAC ADVANCED BORING HEAD **NIKKEN**

BT

ZMAC-V Triangular Insert type head





PAT. 

Head No.	Boring Range D	Boring Depth M	Coupling Dia. Q	Remarks					Weight (Kg)
				C	C1	Unit No.	Insert No.	Fig.	
12-ZMAC 16- 45V	15.9~20.2	38	12	15	24	M 2HZ- 16V	3MP-C,B	2	0.4
12-ZMAC 16- 55V		48							0.4
9-ZMAC 20- 40V	19.8~25.2	40	9	19	24	M 2HZ- 20V	4MP-C,B	1	0.4
12-ZMAC 25- 40V	24.8~32.2		12			M 3HZ- 25V			0.5
16-ZMAC 32- 55V	31.8~42.2	55	16	31	-	M 4HZ- 32V	6MP-C,B	1	0.7
20-ZMAC 42- 70V	41.8~55.2	20	40	M 5HZ- 42V		1.1			
26-ZMAC 55- 70V	54.8~70.2	70	26	53	-	M 5HZ- 55V	6MP-C,B	1	1.2
34-ZMAC 70- 70V	69.8~85.2		34	67		M 7HZ- 70V			2.0
42-ZMAC 85-100V	84.8~100.2	100	42	83	-	M10HZ- 85V	6MP-C,B	1	4.3
42-ZMAC100-100V	99.5~140.5			95		83			M10HZ-100V
42-ZMAC140-100V	139.5~180.5	100	42	135	83	M10HZ-140V	6MP-C,B	3	6.3

★MIN. dial read out: ZMAC25-V and smaller is 0.02mm on dia.

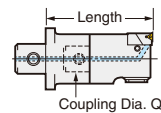
ZMAC32-V and larger is 0.01mm on dia.

★The above boring ranges are based on heads with Nose/R 0.2 insert.

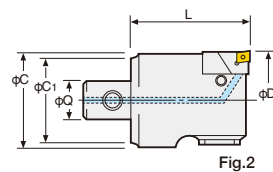
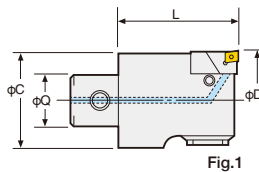
★“C” grade (Coated) insert for Steel, Stainless & Cast Iron is supplied as Standard with the head (Smooth boring & Long tool-life) .  P.119 Please refer  P.117 for cutting condition. We would recommend “B” grade (CBN) insert for Hardened Steel & High Speed boring of Cast Iron.

★Centre Through Tool Coolant function is available as standard.

★Code No. of the set with SP26 stepped spacer is Q26-Coupling Dia.-ZMAC○-LengthV e.g. Q26-20-ZMAC42-100V



ZMAC-VR Rhomboid Insert type head



PAT. 

Head No.	Boring Range D	Boring Depth M	Coupling Dia. Q	Remarks					Weight (Kg)
				C	C1	Unit No.	Insert No.	Fig.	
16-ZMAC 32R - 55V	31.8~42.2	55	16	31	-	M 4HZ- 32VR	CC06-C	1	0.7
20-ZMAC 42R - 70V	41.8~55.2					20			40
26-ZMAC 55R - 70V	54.8~70.2	70	26	53	-	M 5HZ- 55VR	CC08-C	1	1.2
34-ZMAC 70R - 70V	69.8~85.2					34			67
42-ZMAC 85R -100V	84.8~100.2	100	42	83	-	M10HZ- 85VR	CC12-C	2	4.3
42-ZMAC 100R -100V	99.5~140.5			95		83			M10HZ-100VR
42-ZMAC 140R -100V	139.5~180.5	100	42	135	83	M10HZ-140VR	CC12-C	2	6.3

★MIN. dial read out: ZMAC25-VR and smaller is 0.02mm on dia.

ZMAC32-VR and larger is 0.01mm on dia.

★“C” grade (Coated) insert for Steel, Stainless & Cast Iron is supplied as Standard with the head (Smooth boring & Long tool-life) .  P.86 Please refer  P.117 for cutting condition.

★Centre Through Tool Coolant function is available as standard.

★Code No. of the set with SP26 stepped spacer is Q26-Coupling Dia.-ZMAC○-LengthV e.g. Q26-20-ZMAC42R-100V

