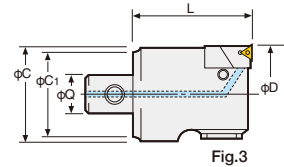
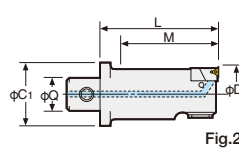
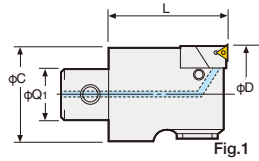


MODULAR TYPE ZMAC ADVANCED BORING HEAD **NIKKEN**

BT

ZMAC-V Triangular Insert type head





JAPAN 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 | 4.9 |
| 42-ZMAC140-100V | 139.5~180.5 | | | 135 | | | | | M10HZ-140V | 6.3 |

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

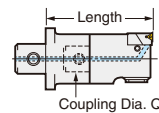
ZMAC32-V and larger is 0.01mm on dia.

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

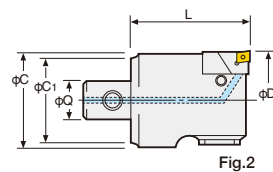
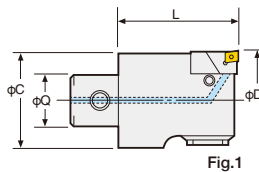
★“C” grade (Coated) insert for Steel, Stainless & Cast Iron is supplied as Standard with the head (Smooth boring & Long tool-life) .  P.119 Please refer  P.117 for cutting condition. We would recommend “B” grade (CBN) insert for Hardened Steel & High Speed boring of Cast Iron.

★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



JAPAN 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 | 4.9 |
| 42-ZMAC 140R -100V | 139.5~180.5 | | | 135 | | | | | M10HZ-140VR | 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

