

NC5 MODULAR TYPE BASE HOLDER



Fig.1

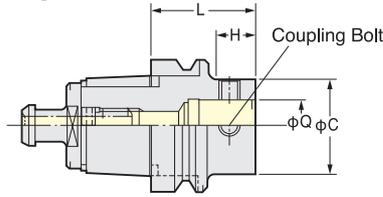


Fig.2

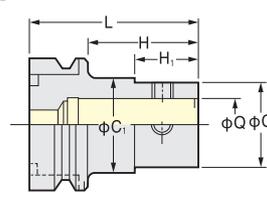
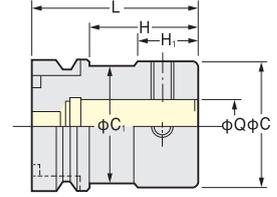
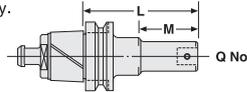


Fig.3



| TAPER | Code No. | Coupling Dia Q | L | C | C ₁ | H | H ₁ | Coupling Bolt No. | Fig. | Weight(kg) |
|---------|----------------------|----------------|---------------|----|----------------|---------------|----------------|-------------------|---------------|---------------|
| NC5- 46 | NC5- 46-Q26- 40 | 26 | 40 | 50 | 45 | 18 | 6 | B26N | 3 | 0.4 |
| | NC5- 63-Q 9- 80, 95 | 9 | 80, 95 | 19 | 30 | 48, 63 | 5, 27 | B19 | 2 | 1.6, 1.7 |
| NC5- 63 | -Q12- 80, 110 | 12 | 80, 110 | 24 | 35 | 48, 78 | 12, 50 | B12 | | 1.6, 1.7 |
| | -Q16- 95, 125 | 16 | 95, 125 | 31 | 42 | 63, 93 | 22, 55 | B16 | | 1.9, 2.1 |
| | -Q20- 80, 110 | 20 | 80, 110 | 40 | 50 | 48, 78 | 27, 60 | B20 | | 2.0, 2.2 |
| | -Q26- 50, 95, 140 | 26 | 50, 95, 140 | 50 | — | 20, 65, 110 | — | B26N | | 0.9, 1.5, 2.3 |
| | -Q34- 95, 110 | 34 | 95, 110 | 64 | 62 | 68, 83 | 55, 70 | B34 | | 3.0, 3.4 |
| | -Q42- 95 | 42 | 95 | 83 | 62 | 68 | 55 | B42 | 3.6 | |
| NC5- 85 | NC5- 85-Q 9-110, 125 | 9 | 110, 125 | 19 | 40 | 72, 87 | 5, 27 | B19 | 2 | 2.9, 3.1 |
| | -Q12- 95, 125 | 12 | 95, 125 | 24 | 44 | 57, 87 | 12, 50 | B12 | | 2.5, 3.2 |
| | -Q16-125, 155 | 16 | 125, 155 | 31 | 50 | 87, 117 | 22, 55 | B16 | | 3.6, 3.8 |
| | -Q20-110, 125 | 20 | 110, 125 | 40 | 60 | 72, 87 | 27, 60 | B20 | | 3.7, 3.8 |
| | -Q26- 65, 140, 170 | 26 | 65, 140, 170 | 50 | 65 | 27, 102, 132 | —, 40, 110 | B26N | 2.5, 4.6, 4.7 | |
| | -Q34-140, 170, 200 | 34 | 140, 170, 200 | 64 | 80 | 102, 137, 167 | —, 117, 147 | B34 | 4.5, 6.4, 6.8 | |
| | -Q42-125, 190 | 42 | 125, 190 | 83 | — | 87, 152 | — | B42 | 8.0 | |
| NC5-100 | NC5-100-Q 9-110, 125 | 9 | 110, 125 | 19 | 40 | 67, 82 | 5, 27 | B19 | 2 | 4.0, 4.2 |
| | -Q12- 95, 125 | 12 | 95, 125 | 24 | 44 | 52, 82 | 12, 50 | B12 | | 4.1, 4.3 |
| | -Q16-125, 155 | 16 | 125, 155 | 31 | 50 | 82, 112 | 22, 55 | B16 | | 4.7, 4.9 |
| | -Q20-110, 125 | 20 | 110, 125 | 40 | 60 | 67, 82 | 27, 60 | B20 | 4.8, 4.9 | |
| | -Q26- 65, 140, 170 | 26 | 65, 140, 170 | 50 | 65 | 27, 97, 127 | —, 45, 110 | B26N | 3.6, 5.7, 5.8 | |
| | -Q34-140, 170, 200 | 34 | 140, 170, 200 | 64 | 80 | 97, 127, 157 | —, 117, 147 | B34 | 5.6, 7.5, 7.9 | |
| | -Q42-125, 190 | 42 | 125, 190 | 83 | — | 87, 152 | — | B42 | 9.1 | |

- ★φC of Q26 base holder has been increased from 45mm to 50mm due to improvement of its rigidity.
- ★All base holders have a centre through-tool coolant hole.
- ★The Coupling screw & wrench are supplied as standard.
- ★When L length is required longer than standard, please specify the boring depth M.

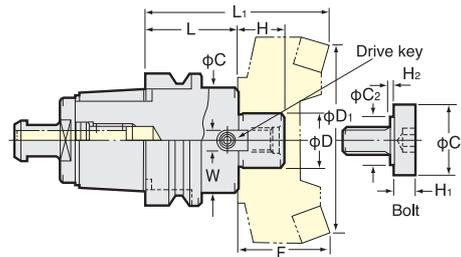


NC5 FACE MILL ARBOR (TYPE A)



For JIS B4113 Face Mill Cutter
FMH arbor is available. Please contact us.

- For the Face Milling of φ80~φ200mm
- For the NIKKEN PRO-END MILL



| TAPER | Code No. NC5 No. -φD -L | H | C | W | C ₁ | C ₂ | H ₁ | H ₂ | Dimension of Arbor with cutter | | | Drive Key | Bolt | Weight (kg) |
|---------|----------------------------|----|--------|-------|----------------|----------------|----------------|----------------|--------------------------------|----------------|----|------------|------|-------------|
| | | | | | | | | | L ₁ | D ₁ | F | | | |
| NC5- 46 | NC5- 46-FMA25.4 -45 | 22 | 50 | 9.5 | 33 | 23 | 10 | 2 | 95 | 80 | 50 | FW5 | FM12 | 0.6 |
| | NC5- 63-FMA25.4 -45,90 | 22 | 58 | 9.5 | 33 | 23 | 10 | 2 | 95, 140 | 80 | 50 | FW5 | FM12 | 1.6, 3.2 |
| NC5- 63 | -FMA31.75 -45,90 | 30 | 63 | 12.7 | 40 | — | — | 6 | 105, 150 | 100 | 60 | FW13 | FM16 | 1.7, 3.1 |
| | -FMA38.1 -60 | 34 | 80 | 15.9 | 50 | 27 | 14 | 6 | 120 | 125 | 60 | FW18 | FM20 | 2.9 |
| | NC5- 85-FMA25.4 -45,105 | 22 | 58 | 9.5 | 33 | — | — | 2 | 95, 155 | 80 | 50 | FW5 | FM12 | 2.7, 3.8 |
| NC5- 85 | -FMA31.75 -45,105 | 30 | 70 | 12.7 | 40 | 23 | 10 | 6 | 105, 165 | 100 | 60 | FW12, FW13 | FM16 | 3.0, 4.3 |
| | -FMA38.1 -45,90 | 34 | 80 | 15.9 | 50 | 27 | 14 | 6 | 105, 150 | 125 | 60 | FW18, FW19 | FM20 | 3.4, 4.8 |
| | -FMA47.625-70 | 38 | 128.57 | 25.4 | — | — | — | — | 130 | 200 | 60 | FW26 | * | 6.3 |
| | -FMA50.8 -65 | 36 | 100 | 19.05 | 65 | 37 | 14 | 10 | 125 | 160 | 60 | FW23 | FM24 | 5.0 |
| | NC5-100-FMA25.4 -45,105 | 22 | 58 | 9.5 | 33 | — | — | 2 | 95, 155 | 80 | 50 | FW5 | FM12 | 3.7, 5.0 |
| NC5-100 | -FMA31.75 -45,105 | 30 | 70 | 12.7 | 40 | 23 | 10 | 6 | 105, 165 | 100 | 60 | FW12, FW13 | FM16 | 4.5, 6.2 |
| | -FMA38.1 -45,95 | 34 | 80 | 15.9 | 50 | 27 | 14 | 6 | 105, 155 | 125 | 60 | FW18, FW19 | FM20 | 4.3, 5.8 |
| | -FMA47.625-75 | 38 | 128.57 | 25.4 | — | — | — | — | 135 | 200 | 60 | FW26 | * | 5.8 |
| | -FMA50.8 -45 | 36 | 100 | 19.05 | 65 | 37 | 14 | 10 | 105 | 160 | 60 | FW23 | FM24 | 4.9 |

- ★The "D" in the Code No. shows centre bore dia. of the milling cutter.
- ★The above arbors are suitable for JIS B4113 milling cutter.
- ★The arbor marked * requires 4 fixing bolts (M16).
- ★Drive keys, wrench and bolt are supplied as standard.
- ★The above weight is for arbor and pull stud only. (not including milling cutter.)
- ★FMC22 type arbor is suitable for the NIKKEN PRO-END MILL φ50 mm.
- ★NC5-46-FMC22-40, NC5-53-FMC22-40, NC5-63-FMC22-45, NC5-85-FMC22-45, NC5-100-FMC22-60
- ★Centre through coolant type arbor for the NIKKEN PRO-END MILL is also available.
- Please add "C" of the Code No. e.g. NC5-63-FMA25.4C-45
- ★Centre Through Tool Coolant type arbor except NIKKEN PRO-END MILL, please provide the drawing of milling cutters.
- ★For high speed application, balancing must be required after fixing the milling cutter.

NC5