

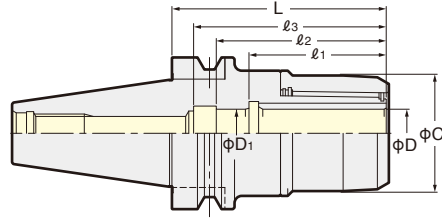
2LOCK HIGH SPEED MILLING CHUCK



Anniversary type & High Speed
Applicable for High Pressure
Centre Through Coolant by CCK Collet



C-G



GFS type
For machining
of aluminum
JAPAN PAT.

Centre Through
MAX. 7MPa

2LOCK tooling (NBT) can be used as the double face contact tooling on the M/C where spindle is BT double face contact system.
2LOCK tooling can also be used on the M/C with BT standard spindle.

High Speed

| TAPER | Code No. | D | D ₁ | C ₁ | L | l ₁ | l ₂ | l ₃ | MAX. (min ⁻¹) | Collet | Weight (kg) |
|-------|--|----|----------------|----------------|-------------------------------|------------------|------------------|----------------|------------------------------|----------------------------|--------------------------------|
| No.30 | NBT30-C12- 55G | 12 | 12 | 33 | 58 | 48 | 53 | 58 | 40,000 | CCK12 KM12 | 0.5 |
| | -C16- 55G, 70G | 16 | 16 | 40 | 57, 70 | 50 | 58 | 65 | | CCK16 KM16 | 0.6, 0.7 |
| | -C20- 65G*1, 75G | 20 | 20 | 48 | 67, 75 | 57 | 66 | 80 | 30,000 | CCK20 CCNK20 KM20 NK20 | 0.9, 1.0 |
| | -C25- 75G*2, 80G, 90G | 25 | 25 | 55 | 75, 82, 90 | 56, 56, 60 | 65 | 68, 68, 80 | | CCK25 CCNK25 KM25 NK25 | 1.2, 1.3 |
| | -C32- 90G*3, 100G | 32 | 32, 25 | 62 | 90, 100 | 67 | 66, 77 | 68, 76 | | CCK32 CCNK32*5 KM32 NK32*5 | 1.4, 1.5 |
| No.40 | NBT40-C12- 65G, 90G | 12 | 12 | 33 | 65, 90 | 48 | 53 | 58 | 30,000 | CCK12 KM12 | 1.1, 1.3 |
| | -C16- 60G, 75G, 90G -105G, 120G | 16 | 16 | 40 | 63, 75, 90 105, 120 | 50 | 58 | 65 | | 25,000 | CCK16 KM16 |
| | -C20- 70G, 90G -105G, 120G | 20 | 20 | 48 | 71, 90 105, 120 | 57 | 66 | 80 | CCK20 CCNK20 KM20 NK20 | | 1.4, 1.7, 1.9 2.1 |
| | -C25- 70G, 90G, 105G -120G | 25 | 25 | 55 | 70, 90 105, 120 | 60 | 72 | 80 | CCK25 CCNK25 KM25 NK25 | | 1.6, 2.0, 2.3 2.6 |
| | -C32- 85G, 105G, 120G -135G | 32 | 25 | 68 | 85, 105 120, 135 | 64, 70 70, 70 | 77, 81 81, 81 | 107 | 20,000 | CCK32 CCNK32 KM32 NK32 | 1.9, 2.3, 2.9 3.2 |
| No.50 | NBT50-C12-105G, 135G, 165G | 12 | 12 | 33 | 105, 135, 165 | 48 | 53 | 58 | | 20,000 | CCK12 KM12 |
| | -C16-105G, 135G, 165G -200G | 16 | 16 | 40 | 105, 135 165, 200 | 50 | 58 | 65 | CCK16 KM16 | | 4.1, 4.4, 4.7 5.1 |
| | -C20-105G, 135G, 165G -180G, 200G | 20 | 20 | 48 | 105, 135 165, 180, 200 | 57 | 66 | 80 | 15,000 | CCK20 CCNK20 KM20 NK20 | 4.4, 4.8, 5.2 5.4, 5.7 |
| | -C25-105G, 135G, 165G -200G | 25 | 25 | 55 | 105, 135 165, 200 | 60 | 72 | 80 | | CCK25 CCNK25 KM25 NK25 | 4.6, 5.2, 5.8 6.3 |
| | -C32- 90G, 105G, 120G -135G, 165G, 200G | 32 | 25 | 68 | 90, 105, 120 135, 165, 200 | 70 | 81 | 107 | | CCK32 CCNK32 KM32 NK32 | 4.3, 4.7, 5.2, 5.7 6.5, 7.6 |
| | -C42- 95P, 105P, 120P | 42 | 42 | 86 | 95, 105, 120 | 73 | 115 | 125 | 12,000 | CCK42 CCNK42 KM42 NK42 | 5.5, 5.8, 6.6 |

- ★GH Handle is available as an option. Please refer P.48
- C12-G:GH12, C16-G:GH16, C20-G:GH20, C25-G:GH25, C32-G (φC1=68mm):GH32, C32-G (φC1=62mm):GH32S,
- ★Please note the acceptable shank tolerance is h8.
- ★Please add "RP" at the end of Code No. for Rust Proof Treatment Milling Chuck. e.g. NBT40-C32-85G-RP
- ★Centre Through Coolant application:
For direct chucking, CKFN-D nut is recommended.
With a collet, CCK collet and CKFN nut are recommended.
- ★NBT30-C20-65G marked *1 may not be used by the M/C restriction. In this case, please use NBT30-C20-75G.
- ★NBT50-C42-110P is also available.
- ★Please refer P.192 for KM, NK, CCK and CCNK collet.
- ★The milling chucks marked *1, *2 and *3 may not be used by the restriction of the diameter under V flange of your M/C.
- ★*5 NK32 and CCNK32 collet can not be used on NBT30-C32-90.



CCK collet & CKFN nut
The Jet Coolant Pressure
creates a tornado effect,
ensuring efficient swarf
dispersal.

