

HSK MINI-MINI CHUCK ADVANCED ALPHA

NEW

NIKKEN

MMC

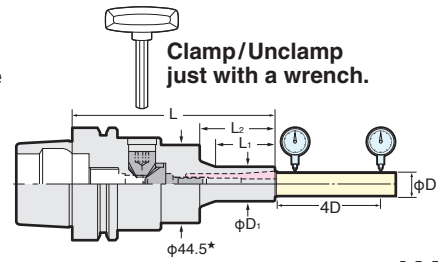
Centre Through
MAX. 7MPa

Extra-long sizes
are added

High Speed



30,000r/min & G2.5
Gripping from Front Nose
Run-Out Accuracy :
3µm at 4D



Clamp/Unclamp
just with a wrench.

Dimension marked ★ is 52.4 for MMC12.

JAPAN PAT.

| TAPER | Code No. | φ D | L | φD ₁ | L ₁ | Collet | MAX.r/min | Weight(kg) |
|---------|-------------------------|------|-----|-----------------|----------------|-------------|-----------|------------|
| HSK50A | HSK 50A - MMC 4 -128-AA | 1~4 | 128 | 15 | 30 | MPK 4 | 30,000 | 1.4 |
| | 8C -127-AA | | 127 | | 33 | | | 1.4 |
| | -157-AA | 2~8 | 157 | 20 | 40 | PMK 8 VMK 8 | | 1.5 |
| | -187-AA | | 187 | | | | | 1.6 |
| | 12C -129-AA | 4~12 | 129 | 30 | 35 | PMK12 VMK12 | | 1.6 |
| | -159-AA | | 159 | | 60 | | | 1.7 |
| -189-AA | 189 | | 70 | | 1.8 | | | |
| | | | | | | | | |
| HSK63A | HSK 63A - MMC 4 -116-AA | 1~4 | 116 | 15 | 30 | MPK 4 | 30,000 | 1.4 |
| | 8C -115-AA | | 115 | | 33 | | | 1.4 |
| | -145-AA | 2~8 | 145 | 20 | 40 | PMK 8 VMK 8 | | 1.5 |
| | -175-AA | | 175 | | | | | 1.6 |
| | 12C -117-AA | 4~12 | 117 | 30 | 35 | PMK12 VMK12 | | 1.6 |
| | -147-AA | | 147 | | 60 | | | 1.7 |
| -177-AA | 177 | | 70 | | 1.8 | | | |
| | | | | | | | | |
| HSK100A | HSK100A - MMC 4 -131-AA | 1~4 | 131 | 15 | 30 | MPK 4 | 30,000 | 2.9 |
| | 8C -130-AA | | 130 | | 33 | | | 2.9 |
| | -160-AA | 2~8 | 160 | 20 | 40 | PMK 8 VMK 8 | | 3.0 |
| | -190-AA | | 190 | | | | | 3.1 |
| | 12C -130-AA | 4~12 | 130 | 30 | 35 | PMK12 VMK12 | | 3.1 |
| | -160-AA | | 160 | | 60 | | | 3.2 |
| -190-AA | 190 | | 70 | | 3.3 | | | |
| | | | | | | | | |

| TAPER | Code No. | φ D | L | φD ₁ | L ₁ | Collet | MAX.r/min | Weight(kg) |
|--------|-------------------------|------|-----|-----------------|----------------|-------------|-----------|------------|
| HSK50E | HSK 50E - MMC 4 -128-AA | 1~4 | 128 | 15 | 30 | MPK 4 | 30,000 | 1.4 |
| | 8C -127-AA | 2~8 | 127 | 20 | 33 | PMK 8 VMK 8 | | 1.4 |
| | 12C -129-AA | 4~12 | 129 | 30 | 36 | PMK12 VMK12 | | 1.6 |
| HSK63E | HSK 63E - MMC 4 -116-AA | 1~4 | 116 | 15 | 30 | MPK 4 | 30,000 | 1.4 |
| | 8C -115-AA | 2~8 | 115 | 20 | 33 | PMK 8 VMK 8 | | 1.4 |
| | 12C -117-AA | 4~12 | 117 | 30 | 36 | PMK12 VMK12 | | 1.6 |

| TAPER | Code No. | φ D | L | φD ₁ | L ₁ | Collet | MAX.r/min | Weight(kg) |
|--------|-------------------------|------|-----|-----------------|----------------|-------------|-----------|------------|
| HSK63F | HSK 63F - MMC 4 -128-AA | 1~4 | 128 | 15 | 30 | MPK 4 | 30,000 | 1.4 |
| | MMC 8C -127-AA | 2~8 | 127 | 20 | 33 | PMK 8 VMK 8 | | 1.4 |
| | MMC12C -129-AA | 4~12 | 129 | 30 | 36 | PMK12 VMK12 | | 1.6 |

★Wrench EA573KL-6 : MMC4, MMC8C MMCL12-M6W : MMC12C (HSK50A,63A) :
MMCL12-M6T62 : MMC12C (HSK100A) is attached as standard.

★Extra-long sizes are added

*Extra-long sizes : longer +30~90mm than conventional.

★Collet is available as an option. Please refer 図 P.40

★Please refer 図 P.39 for MMC Coolant Solution. ★Lubrication Pipe is optional. Please refer 図 P.278

Extra-long sizes are added*



Photo shows
HSK63A type

longer than +30~60mm
than conventional.

Easy to approach a complicated work piece
due to compact and extra-long design