

HSK-T TOOLING SYSTEMS for TURNING MILL

SET SCREW HOLDERS FOR ROUND SHANK

For through-spindle coolant
CC type



For nozzle-coolant
CN type



➔ P. 69

**World
standard
ISO**

for Turning Mill

HSK
TOOLING SYSTEM

INSERT HOLDERS FOR SQUARE-SHANK

For external turning and cutting off
SV type



For external / face turning
SA type



For external / face turning
SB type



For external/ face turning
SC type



For external/ face turning
SN type



For face turning
SH type



➔ P. 70

BLANK TOOL



➔ P. 72

CHECKING ARBOR



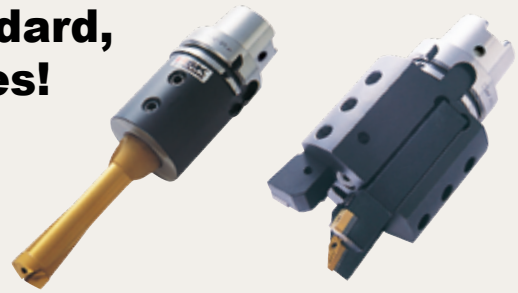
➔ P. 72



HSK-T TOOLING SYSTEMS for TURNING MILL

The obvious choice for ISO standard, HSK-T specs turning mill spindles!

- ▷ A full range of milling tool holders, covering 70% of multi-tasking machine applications!
- ▷ Compatible with machining center holders!
- ▷ Supplied by tool holder manufacturer world wide!
- ▷ Extensive line-up and reasonable price!



Standardized by many machine tool manufacturers!

OKUMA

- MULTUS SERIES
- MACTURN SERIES
- MU SERIES etc

MATSUURA MACHINERY CORPORATION

- CUBLEX Series

DMG MORI

- NT (NTX) Series
- FD Series
- CTX Series

HERMLE

- MT Series

Nakamura-tome

- Precision Industry
- Super NTJX Series
- Super NTMX Series etc

HORKOS

- NS70 Version

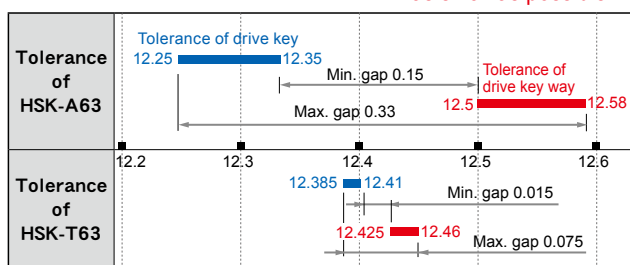
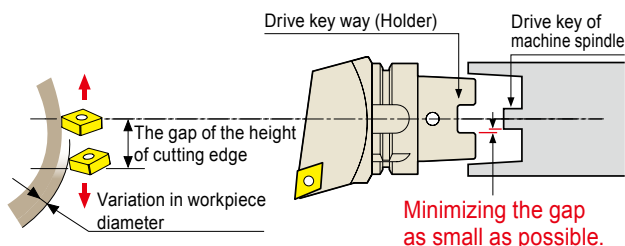
YAMAZAKI MAZAK

- INTEGREX
- i Series
- J Series
- e Series etc

Turning tools (HSK-T standard)

Maintains high precision during turning operation

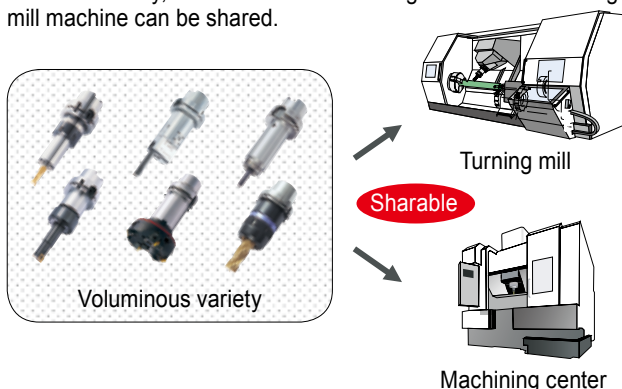
By using an ICTM tool holder, which minimizes the gap between the machine spindle drive key and tool holder drive key way, the height of the cutting edge is maintained precisely and variation in workpiece diameter is minimized.



Rotating tools (HSK-A standard)

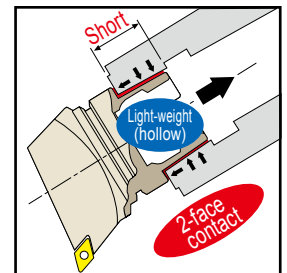
Compatible with machining center

Needless to say, the holder of a machining center and a turning mill machine can be shared.



High bending rigidity

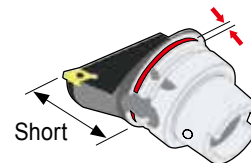
During turning, the cutting force of a spindle axis becomes very large. Therefore, a rigid, two-face-contact clamping system performs very well.



Designed to shorten undercut area

We made an undercut area thicker and as short as possible in order to increase the holder rigidity.

Improved rigidity!



Undercut area
Width 4 mm
Depth 0.5 mm

Pre-balanced design

The HSK-A-type shank is unbalanced in its standard form, but at MST we have applied our original pre-balancing to make the tool holders applicable for high-speed machining. According to DIN standards, only the area marked with ※ in the hollow shank needs to be finished. However, MST provides perfect finishing for all areas after heat treatment in order to improve balance.

