



MITSUBISHI

MITSUBISHI CARBIDE

TOOLS NEWS

B064G

For Turning Mills

HSK tools

**HSK tool series
that becomes leader
in next-generation
machining**



HSK TOOLS FOR TURNING MILLS

New HSK system developed for Turning Mills leading the era.
Highly accurate and rigid turning toolholders employing ICTM standard.

External Turning/Facing

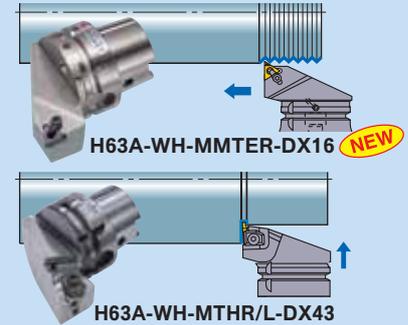
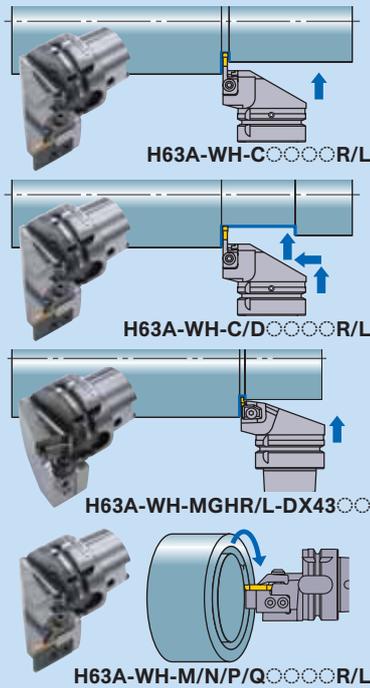
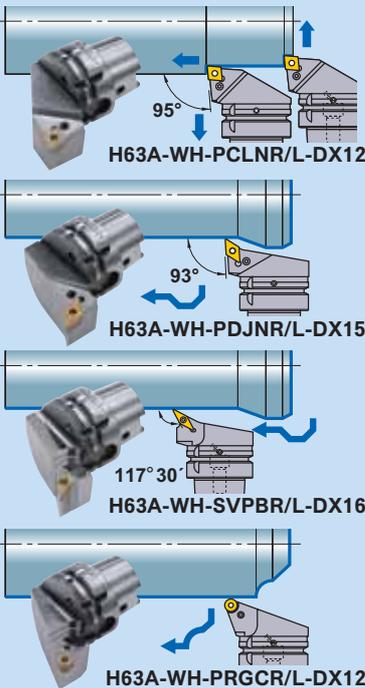
Highly Rigid & Reasonable, All-in-one Holder Type

External Turning/Facing Holders

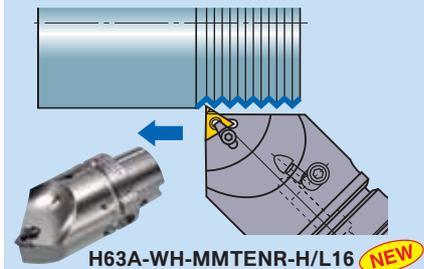
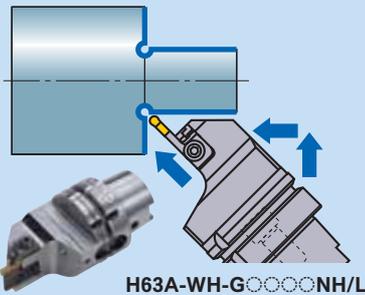
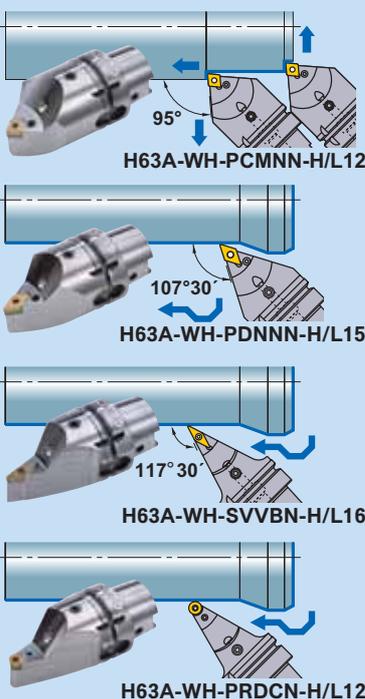
Grooving Holders

Threading Holders

Type with Hand



Straight Type



HSK-A63 Type Holders for Turning Mills



*Refer to general catalog CJ007 for toolholder details.

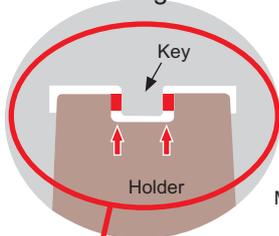
All-round Turning Tool Holder Type		Boring	For Special Tools
Turning Tool Holders	Boring Bar Holders	Blank Tool Holders	
<p>H63A-WH-E2525R/L-112 (For one □25x25mm shank)</p>  <p>H63A-WH-E2020R/L-105-3 NEW (For three □20x20mm shanks)</p> 	<p>(For Ø8mm shank) H63A-WH-B08-65 (For Ø20mm shank) H63A-WH-B20-75 (For Ø10mm shank) H63A-WH-B10-70 (For Ø25mm shank) H63A-WH-B25-83 (For Ø12mm shank) H63A-WH-B12-70 (For Ø32mm shank) H63A-WH-B32-87 (For Ø16mm shank) H63A-WH-B16-75 (For Ø40mm shank) H63A-WH-B40-97</p> 	<p>H63A-WH-BL100-67</p>  <p>H63A-WH-BL62-102/142</p>  <p>*HSK-A63 shank portion has been quenched to hardness to allow for turning.</p>	



ICTM standard

What is ICTM standard?

ICTM standard is an open standard jointly developed by 17 Japanese manufactures based on "ISO 12164-1:2001 HSK standard shank," a highly accurate and rigid dual face contact standard, aiming to improve the accuracy of turning on multi-task machining centers. The tolerance of a key fit has been arranged. ICTM standard tools are compatible with HSK-A type shanks that are widely used on machining centers. Therefore, ICTM standard rotating toolholders can be used on machining centers.

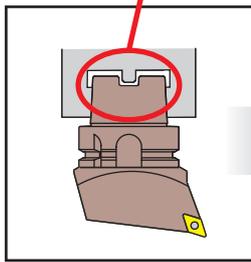


HSK-A63W

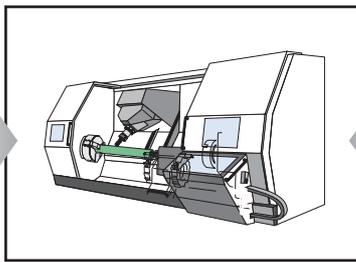
The letter "W" means ICTM standard-holders.

ICTM STANDARD

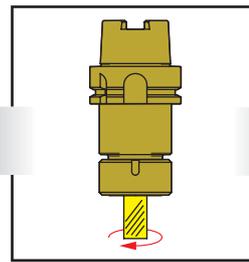
Minimize clearance



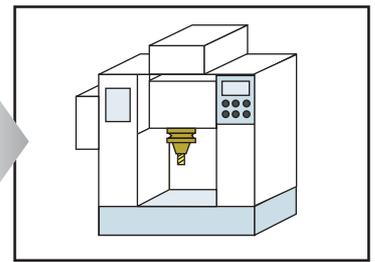
HSK-A63W (ICTM standard)
Turning tool holder



Turning mills



HSK-A63 (ISO standard)
Rotating tool holder

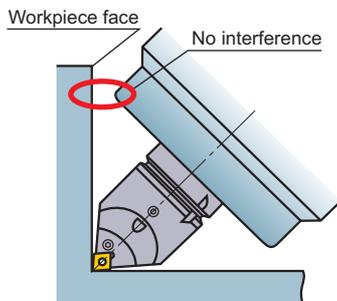


Machining center

HSK-A63 type holders can be used on both machining centers and Turning Mills

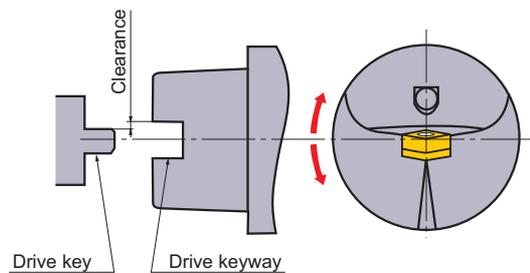
Standardize straight type tools

Avoid interference with workpieces by superior approaching property.



By tilting machine B spindle (main axis of tool) at 45 degrees, interference between the spindle and a holder and a workpiece and a chuck can be prevented.

Improve centerline height accuracy by positioning the center of a edge at the center of a spindle.



More stable and higher accuracy machining can be achieved as edge centerline height is not affected by a gap between a spindle and a tool key fit.

For Your Safety

●Do not touch cutting edges and chips without gloves. ●Machine under recommended conditions, and replace the expired tools with new ones in advance. ●Use protectors such as safety covers and protective glasses. High-temperature chips can scatter or curlless long chips can be discharged. ●Always take fire prevention measures when using water-insoluble cutting fluid. ●Clamp inserts and parts firmly by using the provided wrench or spanner.

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(Tools specifications subject to change without notice.)