



**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

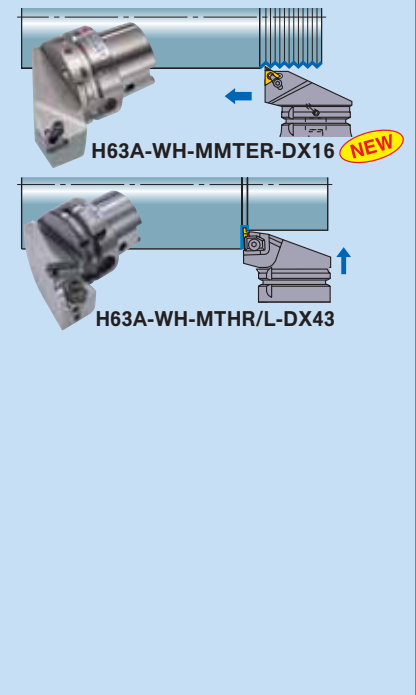
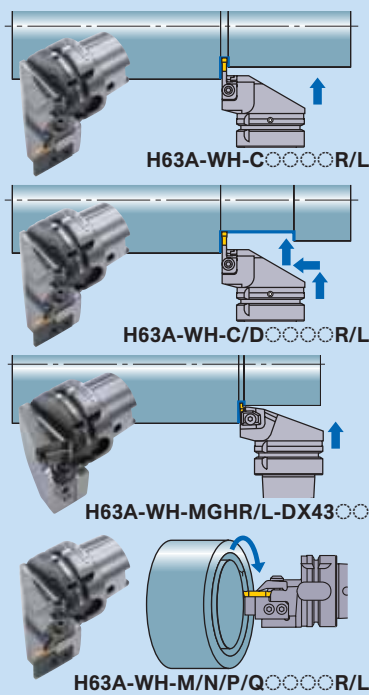
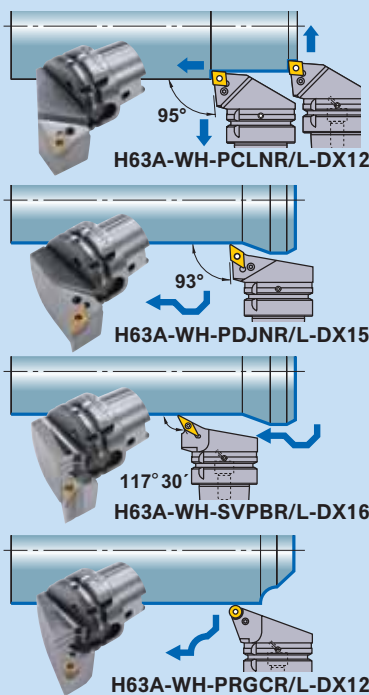
Highly Rigid & Reasonable, All-in-one Holder Type

### External Turning/Facing Holders

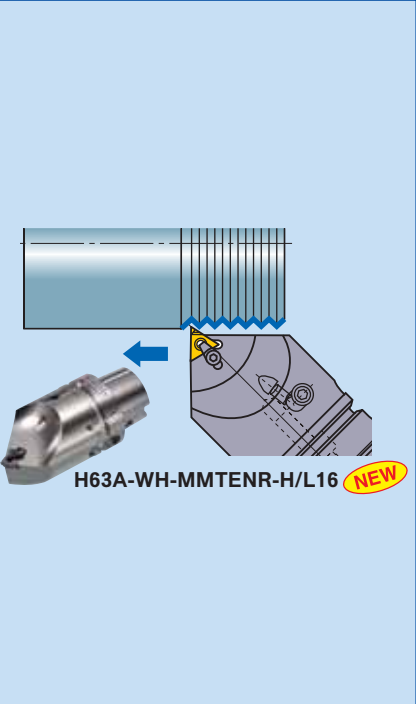
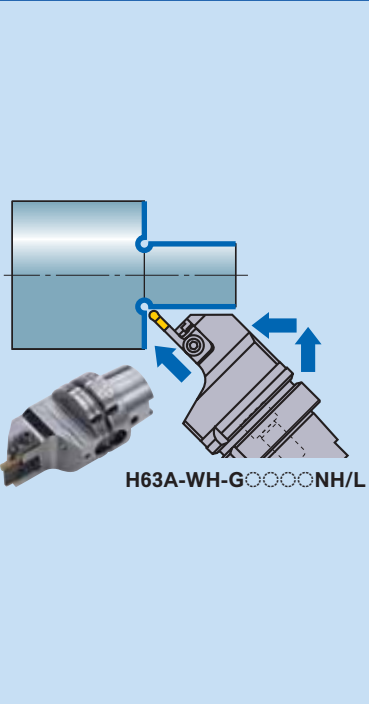
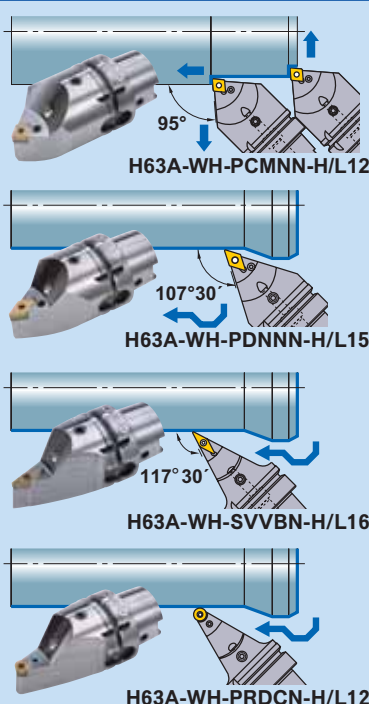
### Grooving Holders

### Threading Holders

Type with Hand








Straight Type



# HSK-A63 Type Holders for Turning Mills



\*Refer to general catalog CJ007 for toolholder details.

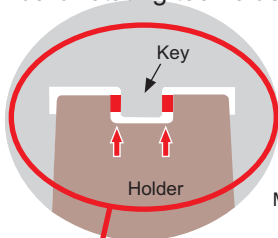
All-round Turning Tool Holder Type		Boring	For Special Tools
Turning Tool Holders	Boring Bar Holders	Blank Tool Holders	
<p><b>H63A-WH-E2525R/L-112</b> (For one □25x25mm shank)</p>  <p><b>H63A-WH-E2020R/L-105-3</b> <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">NEW</span> (For three □20x20mm shanks)</p> 	<p>(For Ø8mm shank) <b>H63A-WH-B08-65</b> (For Ø20mm shank) <b>H63A-WH-B20-75</b>                      (For Ø10mm shank) <b>H63A-WH-B10-70</b> (For Ø25mm shank) <b>H63A-WH-B25-83</b>                      (For Ø12mm shank) <b>H63A-WH-B12-70</b> (For Ø32mm shank) <b>H63A-WH-B32-87</b>                      (For Ø16mm shank) <b>H63A-WH-B16-75</b> (For Ø40mm shank) <b>H63A-WH-B40-97</b></p> 	<p><b>H63A-WH-BL100-67</b></p>  <p><b>H63A-WH-BL62-102/142</b></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.

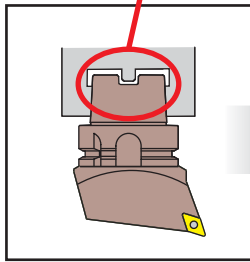


### HSK-A63W

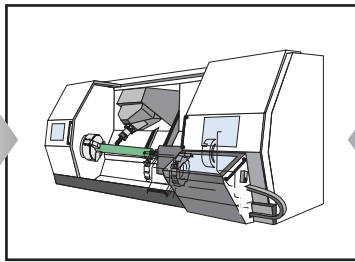
The letter "W" means ICTM standard-holders.



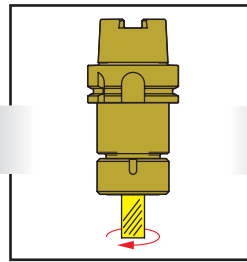
Minimize clearance



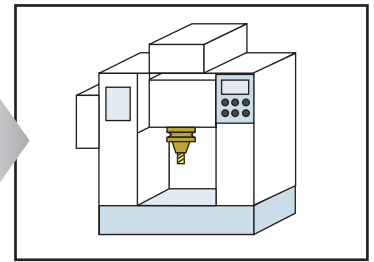
HSK-A63W (ICTM standard)  
Turning tool holder



Turning mills



HSK-A63 (ISO standard)  
Rotating tool holder

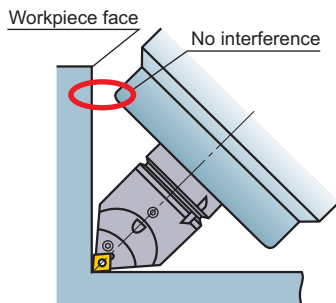


Machining center

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

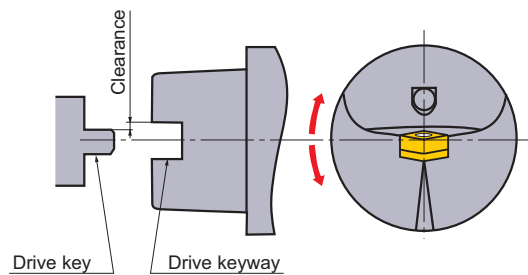
## Standardize straight type tools

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.)