

SPINDLE WIPE BLADES

PART NUMBER	DESCRIPTION
SW-30STD	30 Taper Standard Cleaning Blades
SW-30VRB	30 Taper Varnish Removal Blades
SW-30PBS	30 Taper Even Polishing Blades
SW-40STD	40 Taper Standard Cleaning Blades
SW-40VRB	40 Taper Varnish Removal Blades
SW-40PBS	40 Taper Even Polishing Blades
SW-50STD	50 Taper Standard Cleaning Blades
SW-50VRB	50 Taper Varnish Removal Blades
SW-50PBS	50 Taper Even Polishing Blades



HSK SPINDLE WIPES

PART NUMBER	DESCRIPTION
SW-HSK32	HSK32 Spindle Wipe
SW-HSK40	HSK40 Spindle Wipe
SW-HSK50	HSK50 Spindle Wipe
SW-HSK63	HSK63 Spindle Wipe
SW-HSK80	HSK80 Spindle Wipe
SW-HSK100	HSK100 Spindle Wipe

Spindle Wipes assure the most important connection - the one between the spindle and toolholder, is free of contaminants allowing continuous positive contact.



TOOL HOLDING FIXTURES

PART NUMBER	DESCRIPTION
THF30	30 Taper Tool Holding Fixture
THF40	40 Taper Tool Holding Fixture
THF50	50 Taper Tool Holding Fixture

Tool Holding Fixtures have an internal ground taper to prevent any damage from occurring to your toolholder taper.

Flats have been machined along the sides, making it easier to mount in your bench vise.

SHELL MILL
HOLDERS

END MILL
HOLDERS

MILLING
CHUCKS

SHRINK FIT
HOLDERS

COLLET
CHUCKS

RADIAL
COMP.
HOLDERS

DRILL
CHUCKS

TAP
HOLDERS

BLANK
BARS

RETENTION
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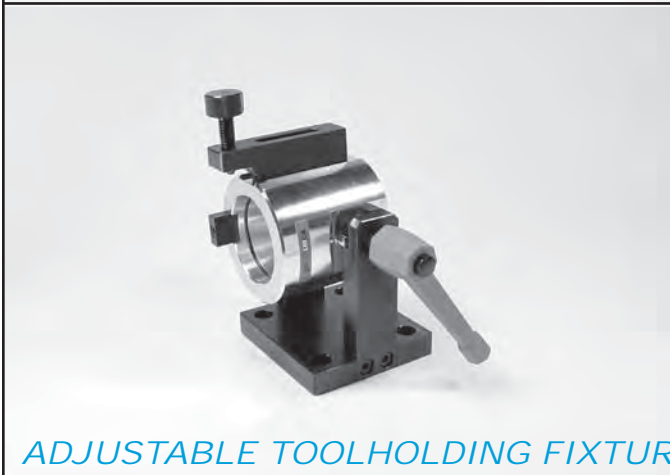
HSK TOOLHOLDING FIXTURES

<i>PART NUMBER</i>	<i>DESCRIPTION</i>
HSK40-THF	HSK40 Tool Holding Fixture
HSK50-THF	HSK50 Tool Holding Fixture
HSK63-THF	HSK63 Tool Holding Fixture
HSK80-THF	HSK80 Tool Holding Fixture
HSK100-THF	HSK100 Tool Holding Fixture

The HSK Tool Holding Fixtures accept all forms of HSK from A-F (including pin style) eliminating **the need for form specific fixtures.**

A special roller bearing clamps the toolholder **on the flange diameter protecting the taper** from contact. The open bottom allows for easy access to the coolant tube.

Four mounting holes are provided for easy mounting to either a workbench or tool cart.



ADJUSTABLE TOOLHOLDING FIXTURES

<i>PART NUMBER</i>	<i>DESCRIPTION</i>
30-ATHF	30 Taper Adjustable Tool Holding Fixture
40-ATHF	40 Taper Adjustable Tool Holding Fixture
50-ATHF	50 Taper Adjustable Tool Holding Fixture

The Adjustable Tool Holding Fixture accepts all forms of 30, 40 or 50 Steep Taper.

The fixture can be locked in the vertical or horizontal position depending upon the operation desired. Simply lock the tool in place with **the thumb screw, position the fixture, using the large knob, to the desired angle and tighten the lever.** Easy access to either the cutting tool or retention stud is gained by **adjusting the fixture.**

Four mounting holes are provided for easy mounting to either a workbench or toolcart.