



NIKKEN TOOL CLAMPER

Lyndex-Nikken Tool Clampers are machinists' favorite tooling setup fixtures because they are so handy and practical. You'll gain immediate access to both the working end and the taper end and your toolholder will be secured by a vise-tight grip.

Easy to use, just place or mount your Tool Clamper in a convenient spot and slip a holder into its cradle. Raise the flange lock and secure it with an easy-to-grip thumb screw.

Tool Clamper provides maximum toolholder accessibility with minimum handling. Less handling means fewer chances of costly toolholders being dropped or damaged. Save the time and the hassles of using yesterday's toolholder loading and unloading techniques, and save the money you would spend on replacing damaged toolholders.

FEATURES

- Access both ends of your toolholders simultaneously
- Minimize toolholder handling
- Speed up your setup
- Convenient and practical
- Easy to use

NIKKEN TOOL CLAMPER

Part Number	Description
NCL-BT30	NIKKEN Tool Clamper - on size BT30 Taper
NCL-BT40	NIKKEN Tool Clamper - on size BT40 Taper
NCL-BT50	NIKKEN Tool Clamper - on size BT50 Taper
NCL-ICAT40	NIKKEN Tool Clamper - on size CAT40 / IT40 / SK40 Tapers
NCL-ICAT50	NIKKEN Tool Clamper - on size CAT50 / IT50 / SK50 Tapers



NIKKEN TOOL CLAMPER FOR HSK & ATC ALIGNMENT KIT

Nikken Tool clamber is designed for symmetrical holders without drive key slots or U-groove. By changing the clamber head to the suitable size, the same base can be used for the other taper sizes.

Changeable Lever
Clamp/Neutral/Unclamp



TCL-40GH

Clamber Head TCL-...HD



Clamber Base TCL-BD

NIKKEN TOOL CLAMPER FOR HSK TOOLING

Taper	Tool Clamber Complete Unit	Base Part Number	Head Part Number
HSK32E	TCL-32GH	TCL-BD	TCL-32HD
HSK40A, 40E	TCL-40GH		TCL-40HD
HSK50A, 50E	TCL-50GH		TCL-50HD
HSK63A, 63E, 63F	TCL-63GH		TCL-63HD
HSK100A	TCL-100GH		TCL-100HD

ATC ALIGNMENT KIT

The Automatic Tool Changer (ATC) allows for service on your machine to check alignment of the ATC arm with the spindle and magazine.

Part Number	Taper
ATC-ALIGN-BT30	#30
ATC-ALIGN-BT40	#40
ATC-ALIGN-BT50	#50
ATC-ALIGN-CAT40	CAT40
ATC-ALIGN-CAT40-MZ	CAT40 (Mazak)
ATC-ALIGN-CAT50	CAT50
ATC-ALIGN-CAT50-MZ	CAT50 (Mazak)
ATC-ALIGN-HSK63A	HSK63A
ATC-ALIGN-HSK100A	HSK100A

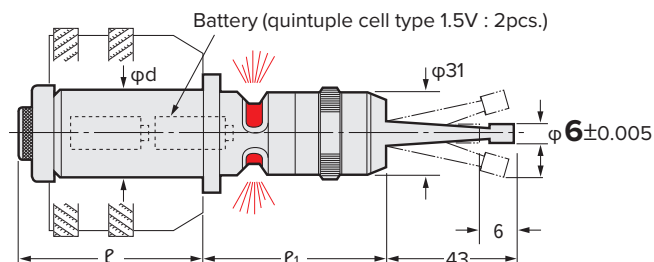


The ATC Alignment Kit consists of:

- Taper adapter
- Flange adapter
- Centering pin

NIKKEN UNIVERSAL MICRO TOUCH (UMT)

3D electronic edge detection of reference position, inner and outer dimension and centering.



Nikken's Universal Micro Touch (UMT) is an all-in-one replacement for primary axis setters, calipers, depth and centering gauges. Not only is it quick and easy to use, its accuracy is beyond compare.

Simply load it into a toolholder and mount it into the machine's spindle. Once loaded, move the stylus slowly towards the desired surface to be measured. The bright LED will flash red when contact between the stylus and surface is made. A measurement of 0.118" (3mm) is compensated from that position (because of the 0.236" [6mm] stylus diameter) and the touching position is obtained.

FEATURES

Precision Touch Sensor

- Instant LED response
- Repeatability ± 2 microns

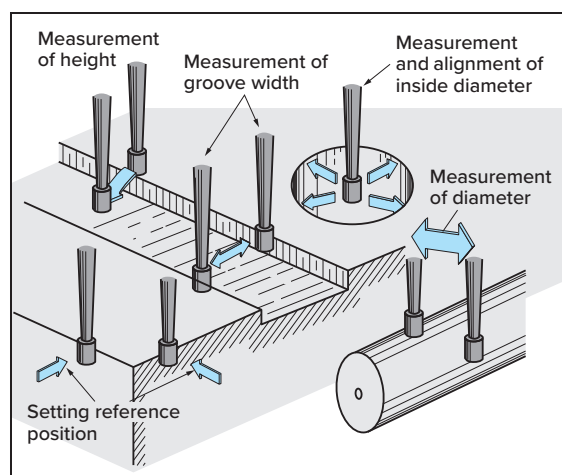
Long Safety Over Travel Distance

- X, Y = ± 0.275 "
- Z = ± 0.118 "

Time Saver

- Turn expensive setup time into profit-making production time

Part Number	ϕd	ℓ	ℓ_1	Weight (lbs.)
S20-UMT	0.79" (20mm)	2.68" (68mm)	2.40" (61mm)	0.88 (0.4kg)
S32-UMT	1.26" (32mm)	2.56" (65mm)	2.56" (65mm)	1.54 (0.7kg)



ZEROSETTER™

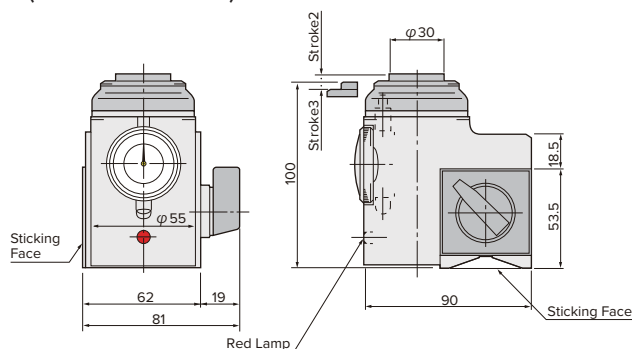
Quick, simple, precise Z-axis off setting

ZeroSetter™ assures fast reliable results every time you off-set your Z-axis. Your setup time will be reduced, so you'll gain valuable production time. Made of hardened tool steel, each setter is meticulously ground for top precision. ZeroSetter establishes an absolute gauge length of 4" or 6" that serves as your primary reference point. Its dial indicator is graduated in thousandths (0.001").

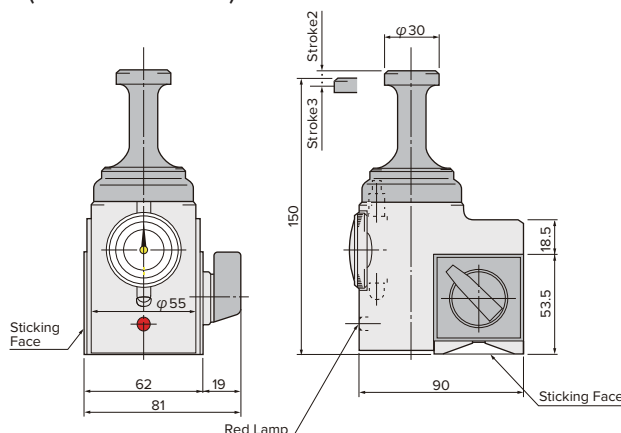


Part Number	Description
ZERO-SET2/50	2" / 50mm Gauge Length Zero Setter
HP-100WP	100mm Gauge Length Height Presetter - Rust and Dust Proof
HP-150WP	150mm Gauge Length Height Presetter - Rust and Dust Proof
HP-4WP	4" Gauge Length Height Presetter - Rust and Dust Proof
HP-6WP	6" Gauge Length Height Presetter - Rust and Dust Proof

HP-100WP
(Dimensions in mm)

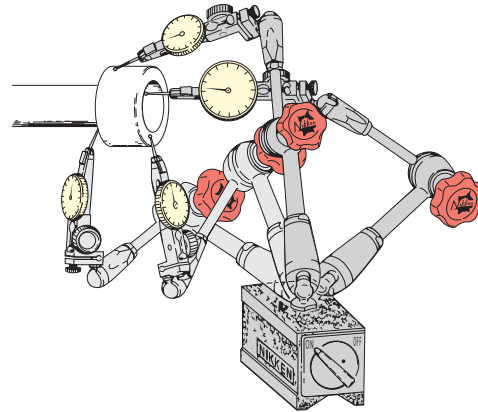
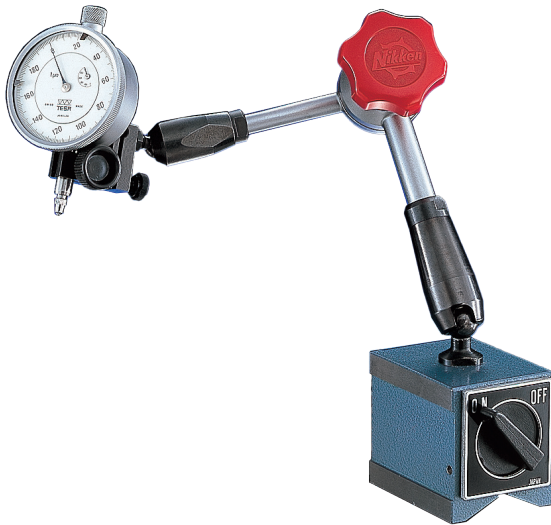


HP-150WP
(Dimensions in mm)

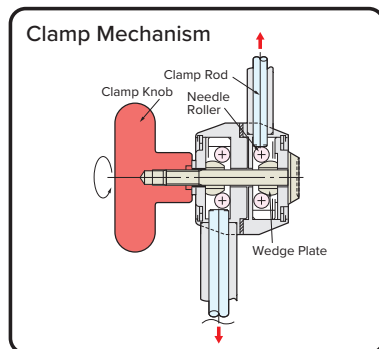


UNIVERSAL MICRO STAND

Our Micro stand is the ideal base to mount your dial test indicator for clocking or aligning your parts or equipment.



Part Number	Description
UDS-1	Universal Micro Stand with magnetic base



FEATURES

Long Reach

- 11.8" (300mm) max. (straight horizontal)
- Free flexing in any direction: vertical, lateral, longitudinal, rotational, etc.
- Can measure inside and outside diameters, end and back faces

Clamp Mechanism

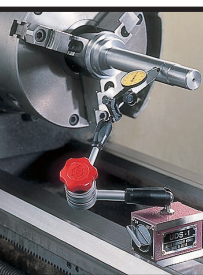
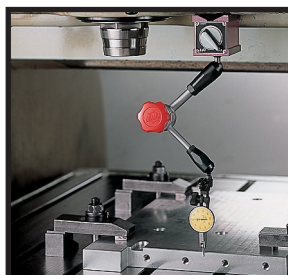
- Clamp knob prevents looseness due to machine vibration
- Articulated joints lock firmly and no fine (micron) movement will occur - even after being in the same position for 100 hours

Strong Magnet

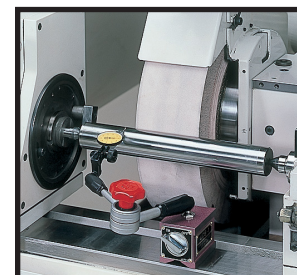
- Adapt to most surfaces including vertical, angular, uneven surfaces and more



On Machining Center



On NC Lathe



On Grinding Machine

SPINDLE WIPES

These handy wipes quick-clean your spindles, assuring that your toolholder tapers make continuous positive contact with them for repeatable on-center performance. They're also perfect for cleaning the bores of your collet chucks.



FOR MACHINE SPINDLES

Part Number	Description
SPINDLE-WIPE-#30	Spindle Wipe 30 Taper
SPINDLE-WIPE-#40	Spindle Wipe 40 Taper
SPINDLE-WIPE-#50	Spindle Wipe 50 Taper
SPINDLE-WIPE-H100/125	Spindle Wipe HSK100A/C/E, HSK125B/D/F
SPINDLE-WIPE-H125/160	Spindle Wipe HSK125A/C, HSK160
SPINDLE-WIPE-H25/32	Spindle Wipe HSK25A/C/E, HSK32B/D/F
SPINDLE-WIPE-H32/40	Spindle Wipe HSK32A/C/E, HSK40B/D/F
SPINDLE-WIPE-H40/50	Spindle Wipe HSK32A/C/E, HSK40B/D/F
SPINDLE-WIPE-H50/63	Spindle Wipe HSK50A/C/E, HSK63B/D/F
SPINDLE-WIPE-H63/80	Spindle Wipe HSK50A/C/E, HSK63B/D/F
SPINDLE-WIPE-H80/100	Spindle Wipe HSK50A/C/E, HSK63B/D/F



SILICONE SPINDLE WIPE

Part Number	Description
CLEH-NT30-R	Silicone Spindle Wipe 30 Taper
CLEH-NT40-R	Silicone Spindle Wipe 40 Taper
CLEH-NT50-R	Silicone Spindle Wipe 50 Taper
CLEH-HSK63-R	Silicone Spindle Wipe HSK63A Taper
CLEH-HSK100-R	Silicone Spindle Wipe HSK100A Taper



TEST BARS

- Precision ground
- Maximum T.I.R. of 0.0002"
- Excellent for gauging spindle runout
- Packaged in wooden carry case

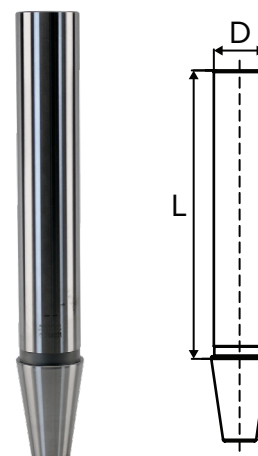


CAT40/50

Part Number	Taper	L	D
CAT40-TB1.3/4-14.00NF	CT40	14.00"	1.75"
CAT50-TB2.1/2-14.00NF	CT50	14.00"	2.50"

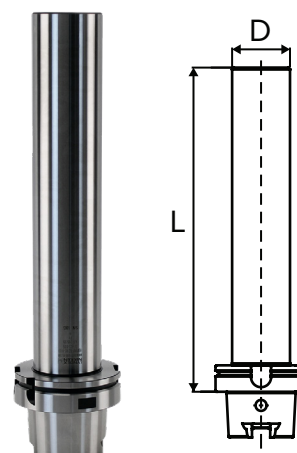
BT30/40/50

Part Number	Taper	L	D
BT30-TB1.1/4-10.00NF	BT30	10.00"	1.25"
BT40-TB1.3/4-14.00NF	BT40	14.00"	1.75"
BT50-TB2.1/2-14.00NF	BT50	14.00"	2.50"



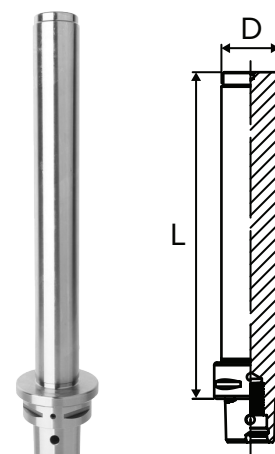
HSK63A/100A

Part Number	Taper	L	D
HSK63A-TB1.3/4-14.00	HSK63A	14.00"	1.75"
HSK100A-TB2.1/2-14.00	HSK100A	14.00"	2.50"



C4/C5/C6

Part Number	Taper	L	D
C4-TB32-180	C4	180mm	32mm
C5-TB40-280	C5	280mm	40mm
C6-TB40-352	C6	352mm	40mm



MOMIMEN CARBIDE INDEXABLE CHAMFERING & CENTER-DRILLING TOOLS

Achieve super long life and ultra fast cutting performance



Momimen SC1630C



Momimen SC1645C



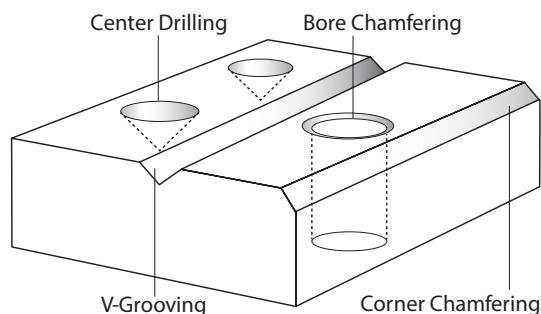
Momimen SC1660D (insert not included)

FEATURES

- Our CNC multi-purpose tool's patented inserts are specifically designed to eliminate the problems of chipping at the center point associated with conventional center drills
- Our unique tool holding system assures high accuracy and saves time when replacing inserts
- Our single blade system eliminates cutting vibration
- Momimen is durable (even for high speed cutting) which greatly improves productivity
- Momimen enables centering and chamfering work to be done on the same center

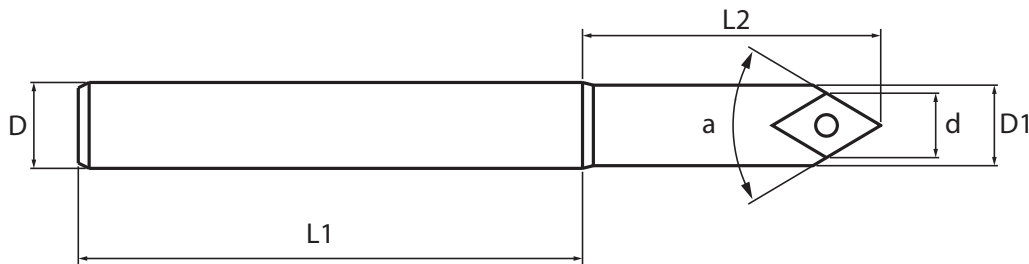
APPLICATIONS

- Center Drilling
- Corner Chamfering
- Bore Chamfering
- V-Groove Cutting



MOMIMEN CARBIDE INDEXABLE CHAMFERING & CENTER-DRILLING TOOLS

Indexable carbide tools for chamfering, center-drilling and v-grooving with one tool



MOMIMEN CHAMFER/CENTER DRILL

Part Number	L1	L2	D	d	a	D1	Insert Nose Radius (mm)
SC1630C	3.27"	1.23"	5/8"	0.625"	118°	0.650"	0.6
SC1645C	3.35"	1.15"	5/8"	0.500"	90°	0.551"	0.6
SC1660D*	3.75"	2.05"	5/8"	0.472"	60°	0.472"	0.4

*Insert for SC1660D not included.

INSERTS

Part Number	Grade	Application
C32GUX-NK1010	NK1010	Aluminum Cast Iron (Momimen 1630 and 1645)
C32GUX-NK2020	NK2020	Steel (Momimen 1630 and 1645)
D43GUX-NK1010	NK1010	Aluminum Cast Iron (Momimen 1660)
D43GUX-NK5050	NK5050	Steel (Momimen 1660)

Note: Insert package quantity is 12 pieces.

RECOMMENDED SPEEDS & FEEDS

Materials	For Center Drilling & V-Grooving			For Chamfer Milling (down cut)		
	RPM	IPM	Grade	RPM	IPM	Grade
Mild Steels	3000	3.2	NK2020	3000	8	NK2020
Stainless Steels	2000	2	NK2020	2500	6	NK2020
Die Steels	3000	2	NK2020	3000	6	NK2020
Cast Iron	3200	8	NK1010	3000	8	NK1010
Aluminum	4000	6	NK1010	4000	12	NK1010

CHIBIMOMI CARBIDE INDEXABLE CHAMFERING & CENTER-DRILLING TOOLS

Achieve super long life and ultra fast cutting performance



Chibimomi SCM1045C



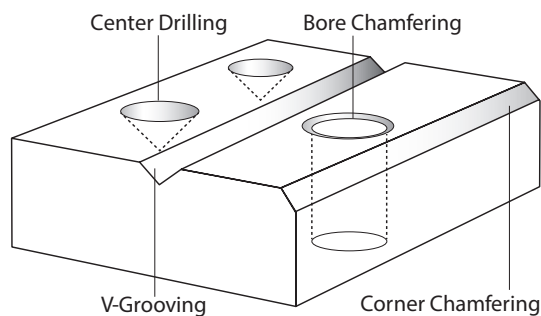
Chibimomi SCM1045CL

FEATURES

- 3/8" shank and 5/16" lip assure highly accurate machining in narrow and limited space points.
- Our patented insert eliminates cutting vibration and cracking.
- Our patented insert assures problem-free secondary deburring.
- Save time when replacing inserts because no tool compensation is needed.
- Number of toolholders in the ATC can be reduced because this can be used for multiple applications such as: spot drilling, countersinking and chamfering, bore chamfering, edge chamfering, and v-grooving.
- Greatly improves productivity due to high-speed cutting.

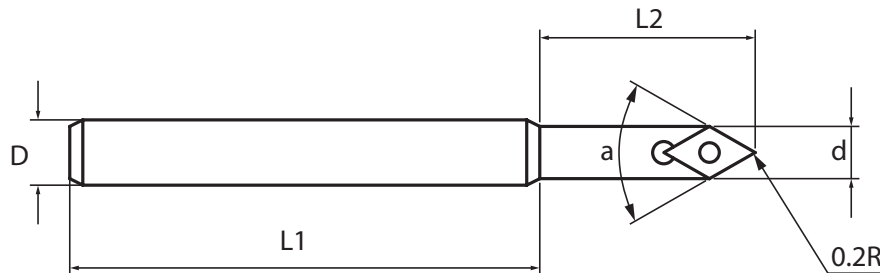
APPLICATIONS

- Center Drilling
- Corner Chamfering
- Bore Chamfering
- V-Groove Cutting



CHIBIMOMI CARBIDE INDEXABLE CHAMFERING & CENTER-DRILLING TOOLS

Indexable carbide tools for chamfering, center-drilling and v-grooving with one tool



CHIBIMOMI CHAMFER/CENTER DRILL

Part Number	L1	L2	D	d	a
SCM1045C	2.68"	1.37"	0.393"	0.315"	90°
SCM1045CL	5.14"	1.37"	3/8"	0.315"	90°

INSERTS

Part Number	Grade	Application
C22GUX-NK1010	NK1010	Steel
C22GUX-NK5050	NK5050	Steel

Note: Insert package quantity: 12 pieces.

RECOMMENDED SPEEDS & FEEDS

Materials	For Center Drilling & V-Grooving			For Chamfer Milling (down cut)		
	RPM	IPM	Grade	RPM	IPM	Grade
Mild Steels	3000	2	NK5050	3500	19	NK5050
Stainless Steels	2800	2	NK5050	3000	13	NK5050
Aluminum	4000	4	NK1010	5000	39	NK1010