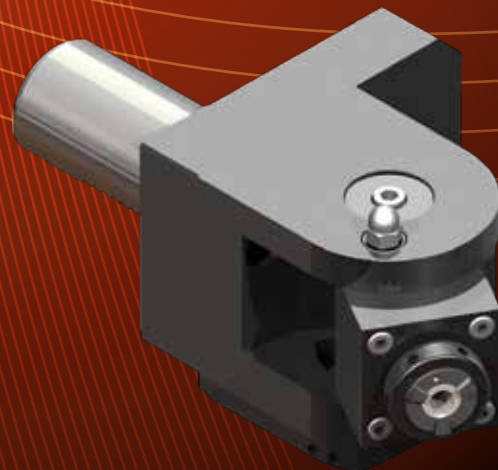
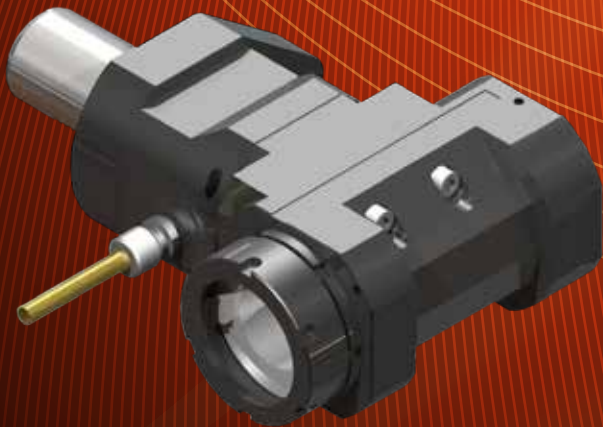
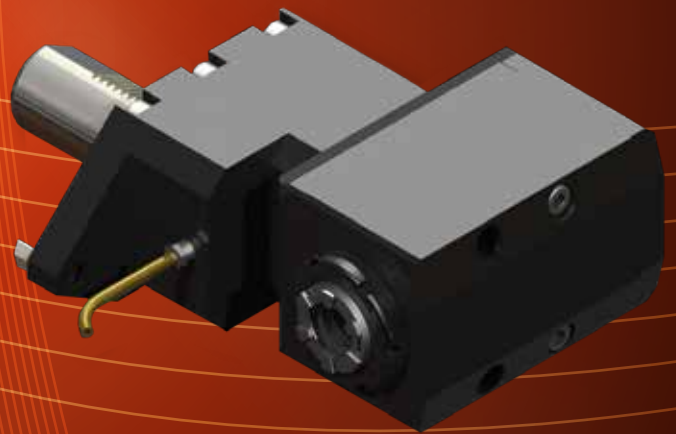


**LIVE AND STATIC TOOLING
MAZAK LATHES**

Mazak

Nexus Series QTN, SQT, Super Quadrex Series

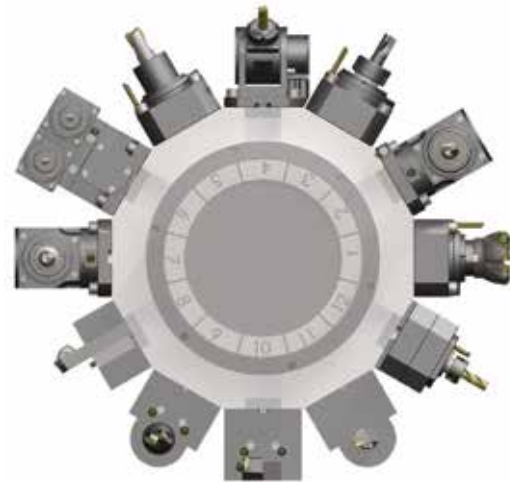
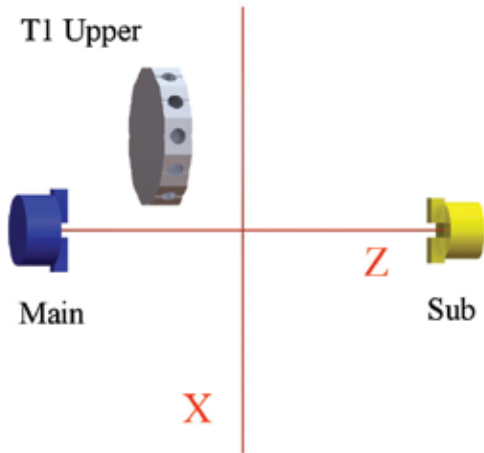


Fax: (847) 367-4815
Email: inquiries@lyndexnikken.com

Fill in the form below and fax it to (847) 367-4815, or visit www.lyndexnikken.com and complete the form online. Lyndex-Nikken engineers will help you to determine the best live tool for your application.

Company _____ Name _____
 Address _____
 Zip _____ City _____
 Phone _____ E-mail _____

SQT and QTN Series



Please specify design configuration:

<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Standard:		Offset:		Saw Blade holder:		Multi Output:	
1)Straight		1)Straight		2)Straight		1)Straight	
2)90° (reducer/speeder)		2)90°		1)90°		2)90°	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Offset Multi Output:		Adjustable Y Straight		Adjustable Angle		Fixed Angle	
1)Straight							
2)90°							

Please specify holding system and cutting tool specifications:

Holding System

Preferred type of holding system (ER, Shrink Fit, Shell Mill Arbor, etc.): _____

Application and Cutting Tool Specifications

Type of Material: _____

Type and nature of application (milling, drilling, reaming, splitting, etc.): _____

Size of Cutter (diameter): _____ Overall length of cutter: _____

Flute Length: _____ Requested RPM: _____ Requested torque: _____

Coolant Requirements

External/Internal: _____ Requested pressure capabilities: _____

Number of nozzle ports: _____ Coolant pipe design or configuration specifications: _____



MAZAK LIVE & STATIC TOOLING

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Specials

Custom-made live tools can be engineered for your specific application. Please direct your request to our office (see special live tool inquiry form). Our engineering staff is ready to assist you with your specific tooling needs.





Maximize the capabilities of your Mazak Machine

Mazak has selected Mimatic/Lyndex-Nikken live tools for inclusion in their program to ensure that peripheral equipment used on their lathes and machining centers is consistent both in terms of quality and performance.

Mimatic live tooling for Lyndex-Nikken offers the latest technology you can expect for turning operations. Designed and manufactured directly with Mazak engineers in Japan, our live tools have features and benefits unmatched by the competition. Gears, bearings, seals, every part is built to provide the highest accuracy, rigidity and stability.

With more than 30 years of tooling engineering and manufacturing experience, Lyndex-Nikken live tooling will maximize the capabilities of your machine, and keep you far ahead of the global competition. We understand that exceptional quality is key to your business. Let the manufacturers who share your philosophy in producing live tools join you in doing what you do best - machining the highest quality parts.

Enhanced with Mimatic/Lyndex-Nikken live tooling, your Mazak machine will allow you to reduce cycle times, eliminate extra operations and achieve maximum efficiency.

Mazak Turret
Parts inventory, maintenance and repair, and rebuild services are available through Lyndex-Nikken.



Lyndex-Nikken is an official Mazak Qualified Peripherals Supplier



Lyndex-Nikken live tools are manufactured by Mimatic Tool Systems.

Features and Technology

As an authorized OEM supplier of Mazak, Lyndex-Nikken live tools are designed and manufactured with the highest precision and quality in Germany.

- **Drive Shafts and Spindles -**

Made from the highest quality steel, all critical surface are precision ground and inspected to ensure highest concentricity.

- **Bearings -** High precision ABEC 7 or better spindle angular contact bearings for stronger axial loads.

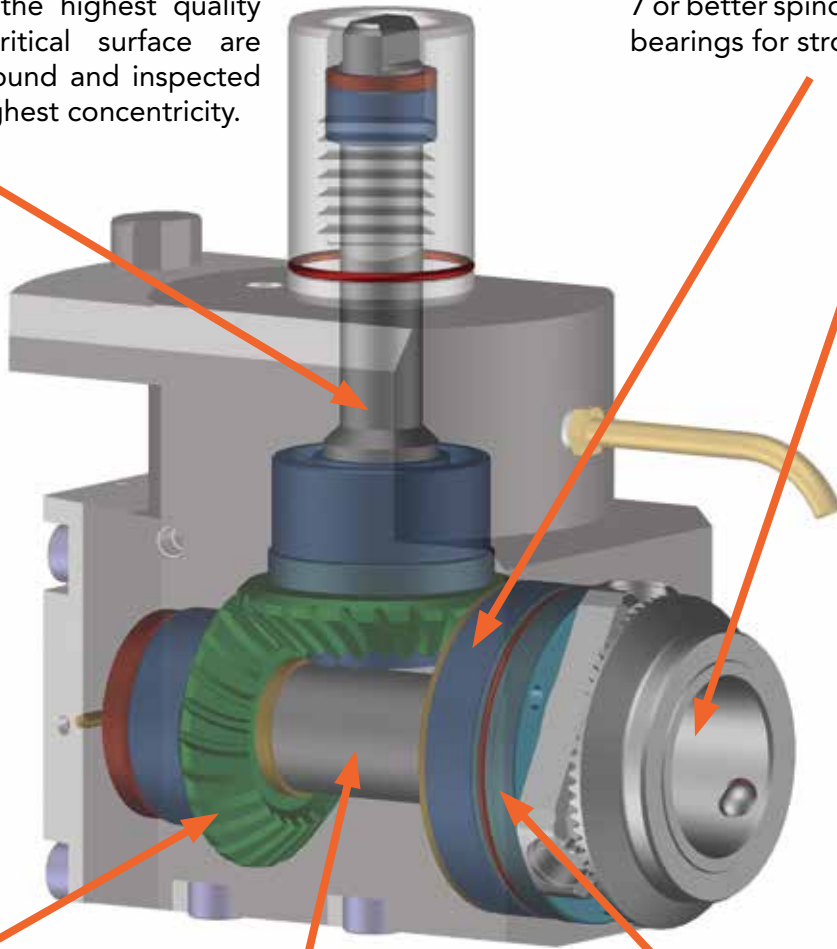
- **MI Quick Change System-** Mimatic's modular quick change system enables offline tool presetting and tools to be changed in seconds.

- **Recessed Collet Bore-** Recessed bore allows greater rigidity and longer tool projection.

- **Gears -** Helical bevel gears with Zytko-Paloid Helical tooth systems for better tooth contact and higher torque transmission.

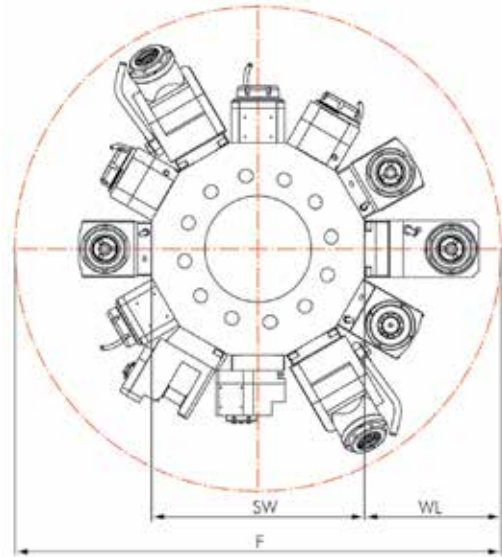
- **Internal Coolant Capability-** 1000+ psi thru spindle coolant available for all models.

- **Seals-** Special PTFE friction optimized seals with labyrinth sealing system protect vital internal components from contamination.



Mazak Nexus Series QTN, SQT, Super Quadrex Series

Machine Type Series		Turret Stations
QTN 100/100-II	M/MS/MY/MSY	12
QTN 200/250	M/MS/MY/MSY	12/16
QTN 300/350/400/450/500/550	M/MS/MY/MSY	12
SQT 10/100	M/MS/MY/MSY	12
SQT 15/18	M/MS/MY/MSY	12/16
SQT 28/30	M/MS/MY/MSY	12
SQT 200/250	M/MS/MY/MSY	12/16
SQT 300/350	M/MS/MY/MSY	12
SQ 200/250	M/MS/MY/MSY	12



Machine Type Series	F	SW	WL
QTN 100, SQT 10/100	564	286	140
QTN 200/250, SQT 15/18, Super Quadrex 200/250	660	320	170
QTN 300/400, SQT 28/30	810	380	215

Part numbering structure for live tools

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
MZ	QT46					•	E	R	2	5	X	•	OFF	•	HS	C		
Machine Make	Machine Model					•	Tool Nose/Output				Axis	•	Style	•	Speed/Torque	Coolant		
MZ	QT46						ER25				X		MS		HS	C		
MZ	Mazak	QT46	QTN VDI40 60mm (S)				•	ER16	ER16		X	OFF	Offset	•	HS	Hi-Speed	C	COOLANT
		QT47	QTN VDI40 70mm (S)					ER20	ER20		Y	OFT	Offset Twin Spindle		HT	Hi-Torque		
		QT5	QTN VDI50					ER25	ER25		Z	OFG	Offset Quad	SP		Special		
		MP46	Multiplex VDI40 60mm					ER40	ER40			OFS	Offset Sub					
		MP47	Multiplex VDI40 70mm					SM75	SM 3/4"			AD		Adjustable				
		MP5	Multiplex VDI50					SM1	SM 1"			SUB		Sub Spindle				
		CT12	Cybertech 12 station					SM12	SM 1.25"			MS		Main Sub Opposite				
								SM15	SM 1.50"			MD		Main Dual	2 Spindles Total			
								BG75	Boring 3/4"			MSD		Main Sub Dual	4 Spindles Total			
								BG10	Boring 1"			MT		Main Triple	3 Spindles Total			
								BG12	Boring 1.25"			MST		Main Sub Triple	6 Spindles Total			
								BG15	Boring 1.50"			MQ		Main Quad	4 Spindles Total			
								BG20	Boring 2"			MSQ		Main Sub Quad	8 Spindles Total			
					ID12	ID Holder 1.25"												
					ID15	ID Holder 1.50"												
					OD10	OD Holder 1"												
					SB22	Saw Blade D=22												
					CT40	CAT40												
					MI40	MI40												
					MI50	MI50												
					MI63	MI63												

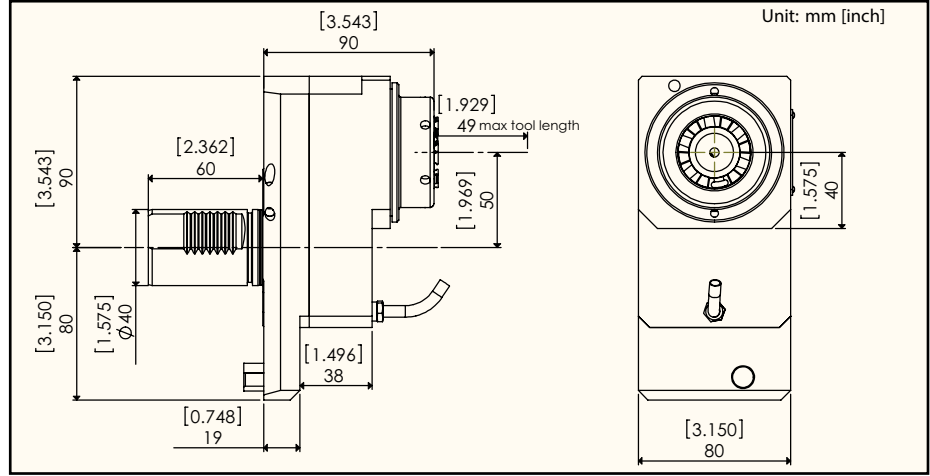
ER32 Offset Type

Part #: **MZQT46-ER32X-OFF** Mazak Reference #: 532 480 30200
MZQT46-ER32X-OFF-C



Clockwise Input

Counter Clockwise Output



QTN100/100-II
& SQT100

Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20MM	50 Nm	6500/6500	1:1	CW-CCW	External		
						Internal (1000PSI)		

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

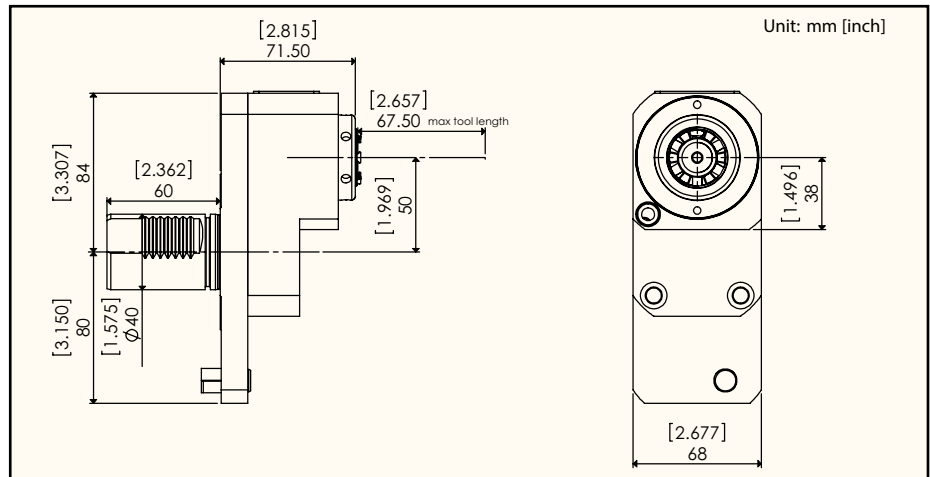
ER25 Offset Type

Part #: **MZQT46-ER25X-OFF-HS**



Clockwise Input

Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16 mm	25 Nm	6500/13000	1:2	CW-CW	External		

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

ER25 Offset Type

Part #: MZQT46-ER25X-OFF-HSC

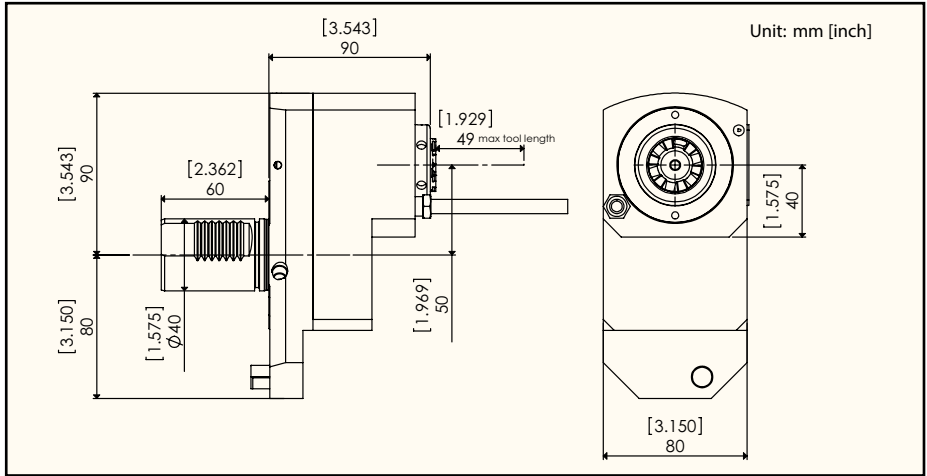
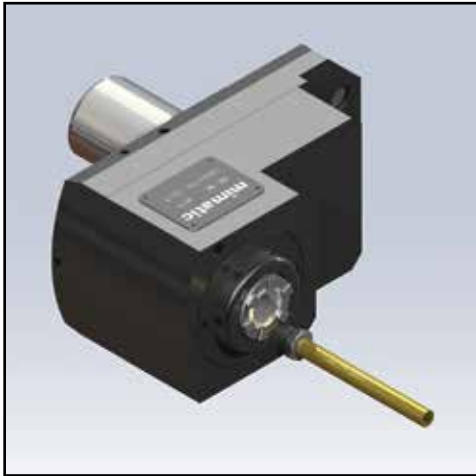


Clockwise Input

Counter Clockwise Output



QTN100/100-II
& SQT100



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	25 Nm	6500/13000	1:2	CW-CCW	Internal (1000 PSI)	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

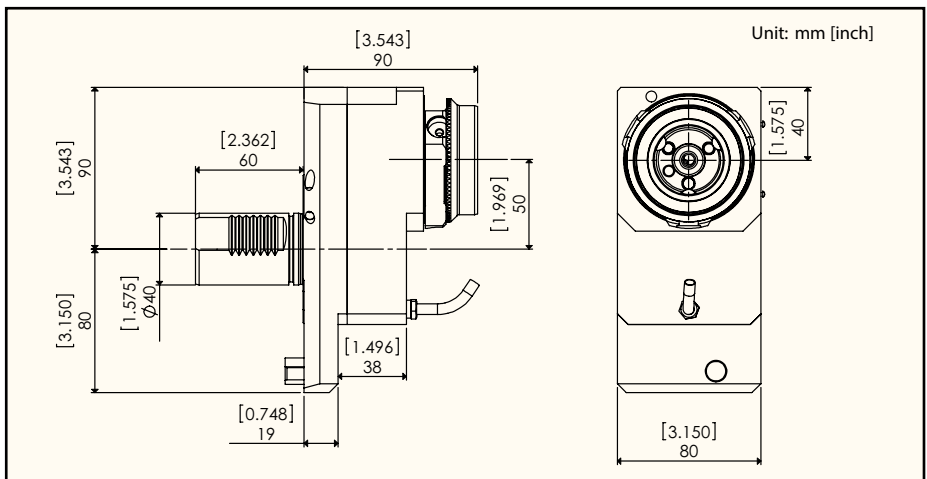
MI50 Offset Type

Part #: MZQT46-MI50X-OFF-C



Clockwise Input

Counter Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI50	-	50 Nm	6500/6500	1:1	CW-CCW	Internal (1000 PSI)	170419

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

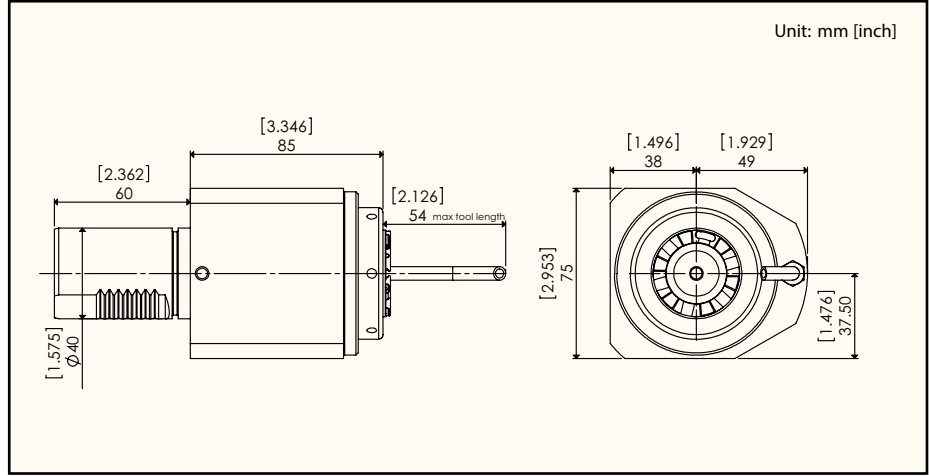
ER32 Straight Type

Part #: **MZQT46-ER32X**
MZQT46-ER32X-C



Clockwise Input

Clockwise Output



QTN100/100-II
& SQT100

Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	80 Nm	6500/6500	1:1	CW-CW	External	107642	112900
						Internal (1000 PSI)		

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

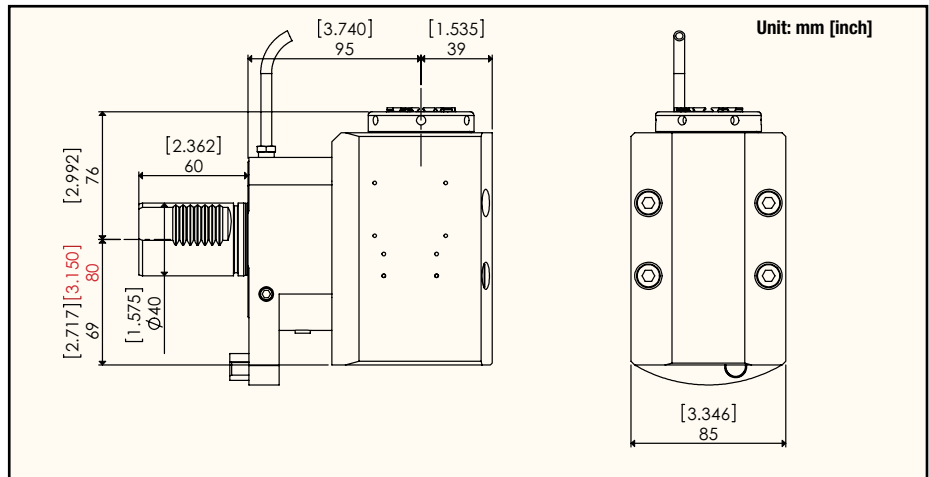
ER32 90 Degree Angle

Part #: **MZQT46-ER32Z** Mazak Reference #: 532 480 03030
MZQT46-ER32Z-C



Clockwise Input

Counter Clockwise Output

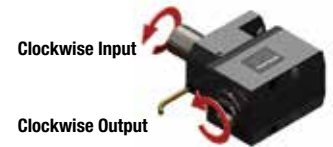


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	50 Nm	6500/6500	1:1	CW-CCW	External	107642	112900
						Internal (1000 PSI)		

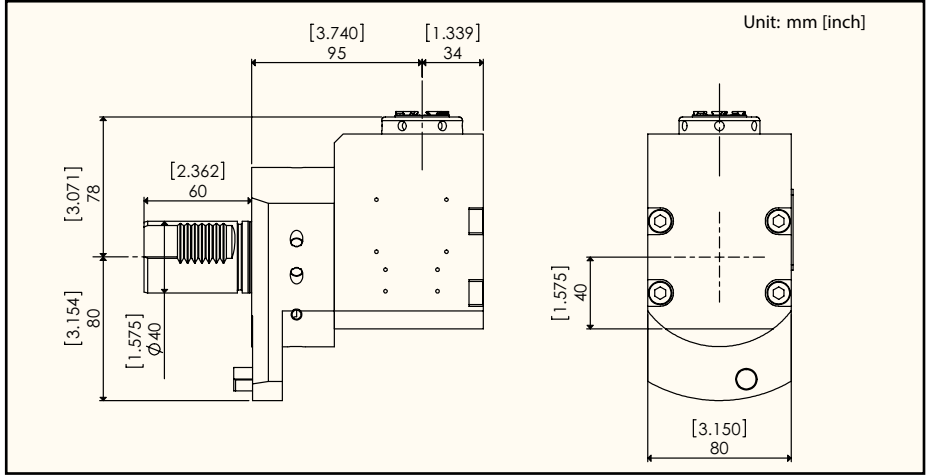
Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER25 90 Degree Angle

Part #: MZQT46-ER25Z-HS



QTN100/100-II
& SQT100

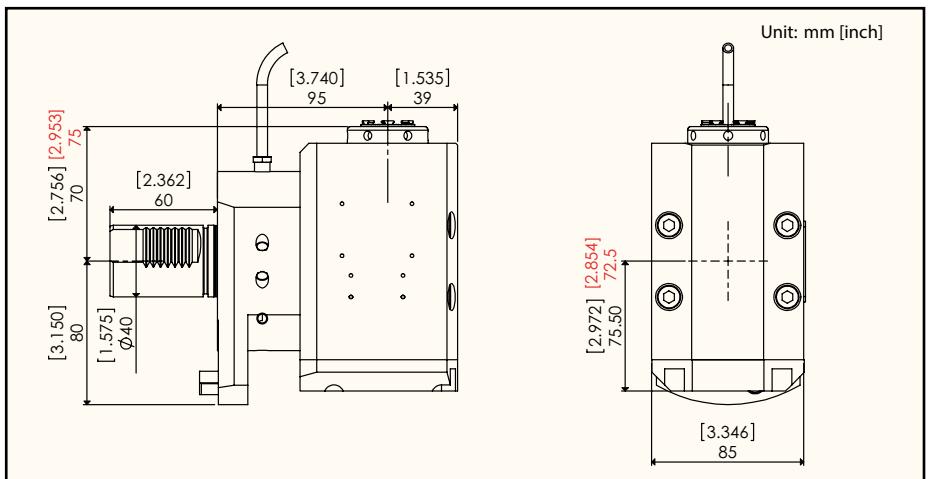
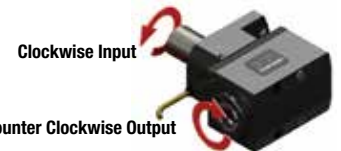


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	25 Nm	6500/13000	1:2	CW-CW	External	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

ER25 90 Degree Angle

Part #: MZQT46-ER25Z-C
MZQT46-ER25Z-HSC

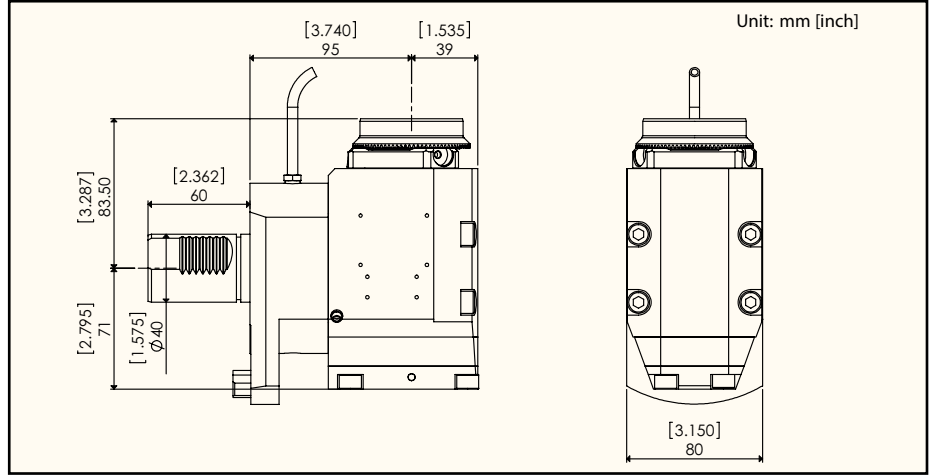
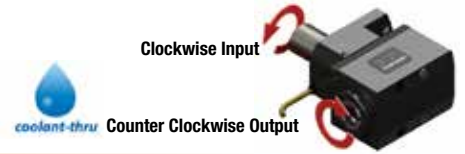


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	50 Nm	6500/6500	1:1	CW-CCW	Internal (1000 PSI)	107446	112913
			6500/13000	1:2				

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

MI50 90 Degree Angle

Part #: MZQT46-MI50Z-C

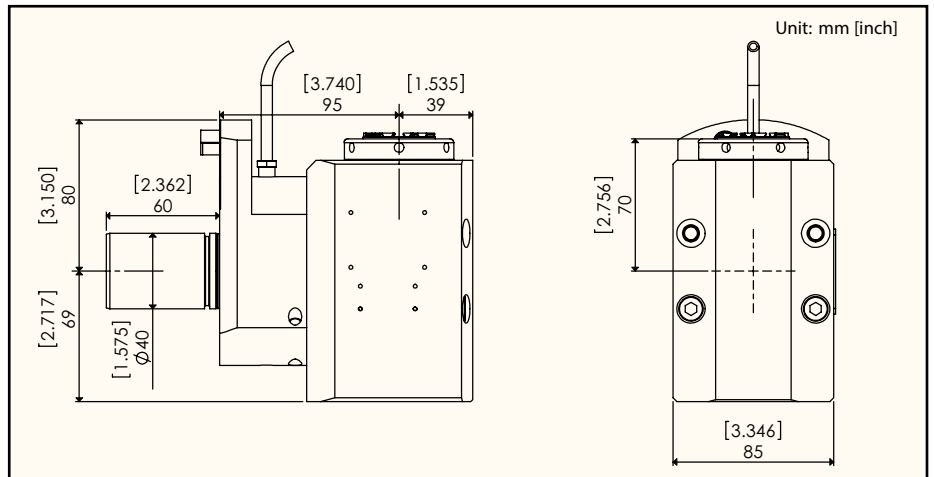
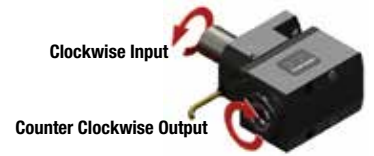


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI50	-	50 Nm	6500/6500	1:1	CW-CCW	Internal (1000 PSI)	170419

Please refer to pages 45-49 for MI attachment details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER32 90 Degree Angle (for sub spindle)

Part #: MZQT46-ER32Z-SUB



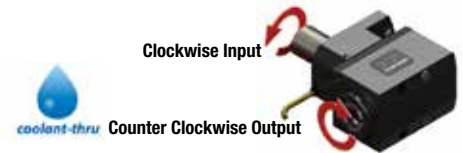
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	50 Nm	6500/6500	1:1	CW-CCW	External	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

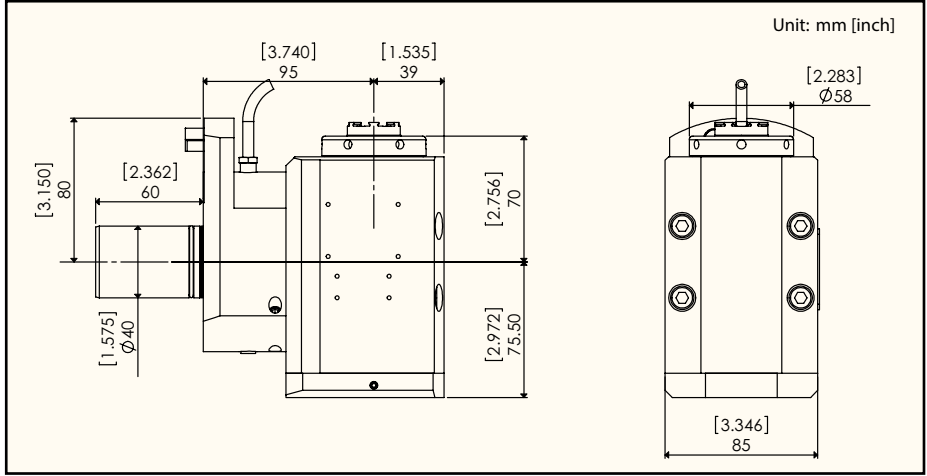
QTN100/100-II
& SQT100

ER25 90 Degree Angle (for sub spindle)

Part #: MZQT46-ER25Z-SUB-C



QTN100/100-II
& SQT100

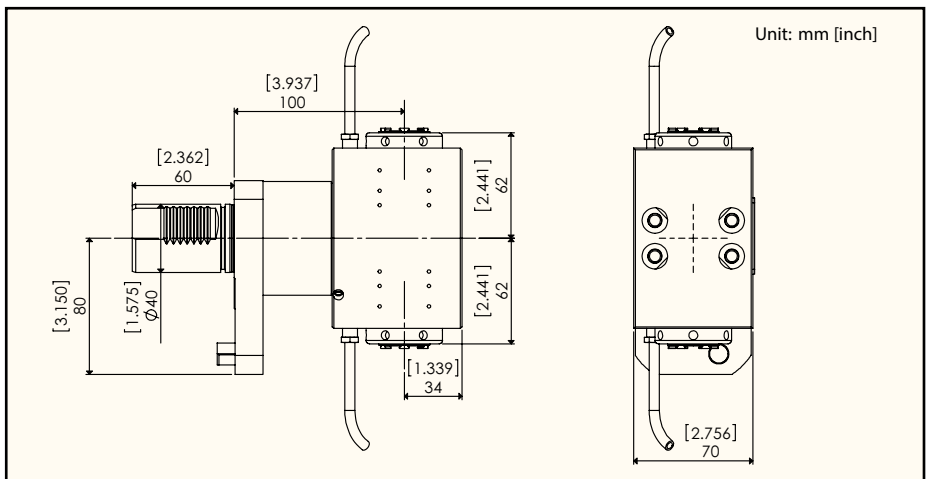
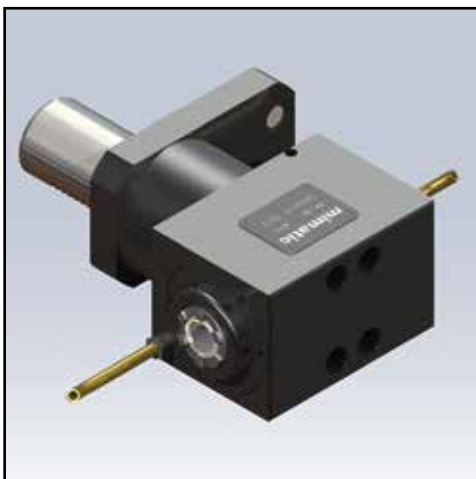
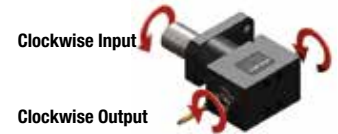


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	25 Nm	6500/6500	1:1	CW-CCW	Internal (1000 PSI)	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER25 Dual Output Type

Part #: MZQT46-ER25Z-MS

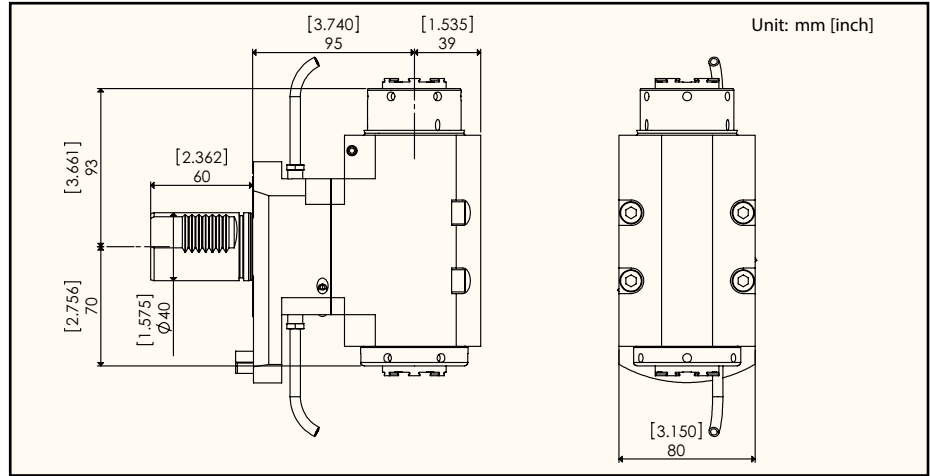
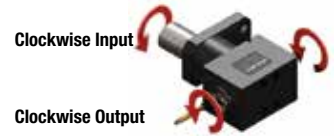


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2 X ER25	0.5-16mm	25 Nm	6500/6500	1:1	Main: CW-CW Sub: CW-CW	External	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

ER32 Dual Output Type

Part #: MZQT46-ER32Z-MS-C



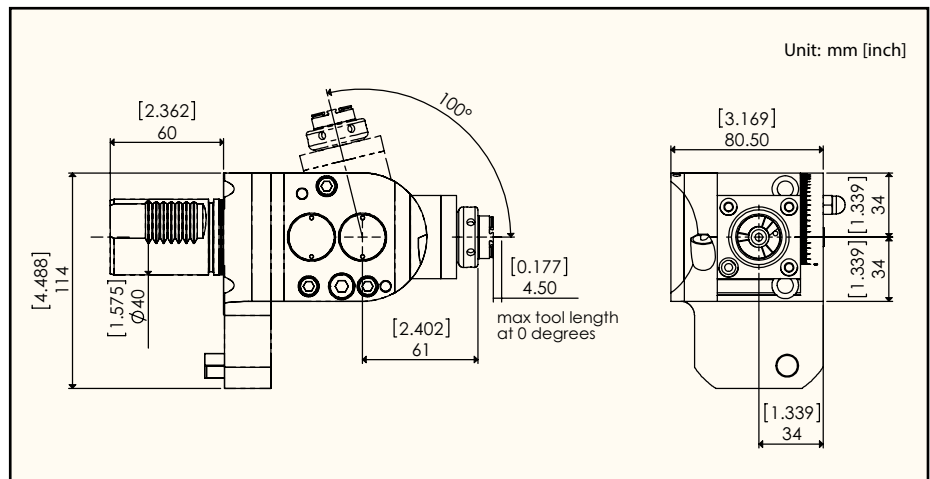
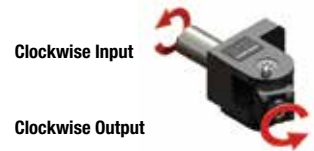
QTN100/100-II
& SQT100

Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2X ER32	1-20mm	50 Nm	6500/6500	1:1	Main: CW-CW Sub: CW-CW	Internal (1000 PSI)	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER16 Angle Unit-Adjustable

Part #: MZQT46-ER16-AD
MZQT46-ER16-AD-HS



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER16	0.5-10mm	6 Nm	6500/6500	1:1	CW-CW	External	107557	112954
			3750/15000	1:4				

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

ER25 Y-Unit Adjustable

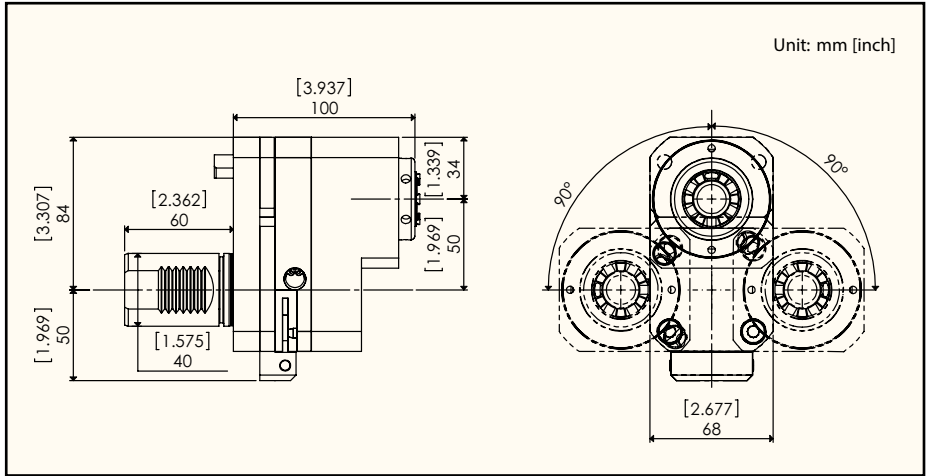
Part #: MZQT46-ER25Y-AD

Clockwise Input

Counter Clockwise Output



QTN100/100-II
& SQT100



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	25 Nm	6500/6500	1:1	CW-CCW	External	107446	112913

Please refer to pages 41 - 44 for ER Series Collets and ER Tap Collets details. +/- 50mm Y-axis adjustment. Wrenches not included with holder.

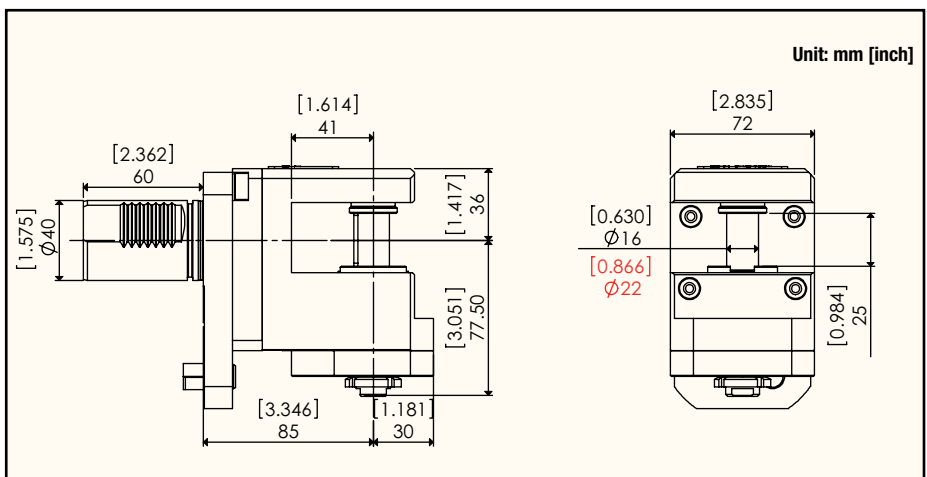
Saw Blade Holder - 16mm Arbor / 22mm Arbor

Part #: MZQT46-SB16X

MZQT46-SB22X

Clockwise Input

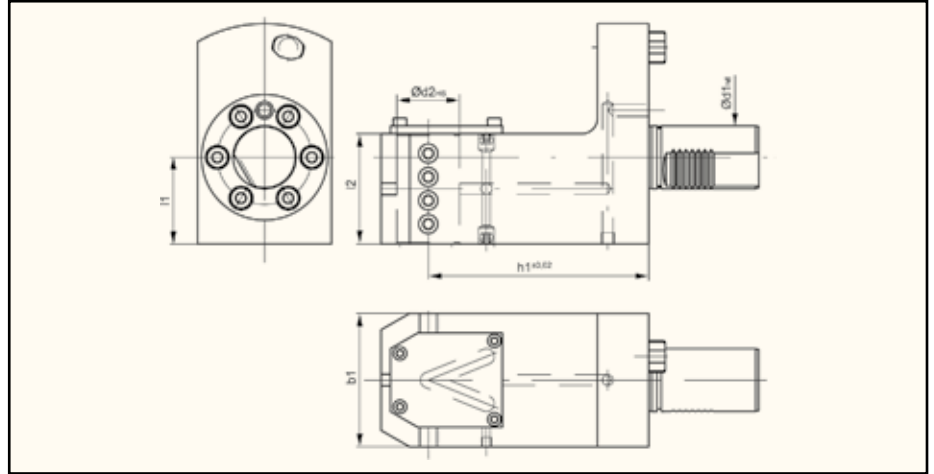
Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
16mm Arbor	-	20 Nm	6500/2450	2.66:1	CW-CW	External	-	-
22mm Arbor								

Inch size arbor available.

Combination Holder

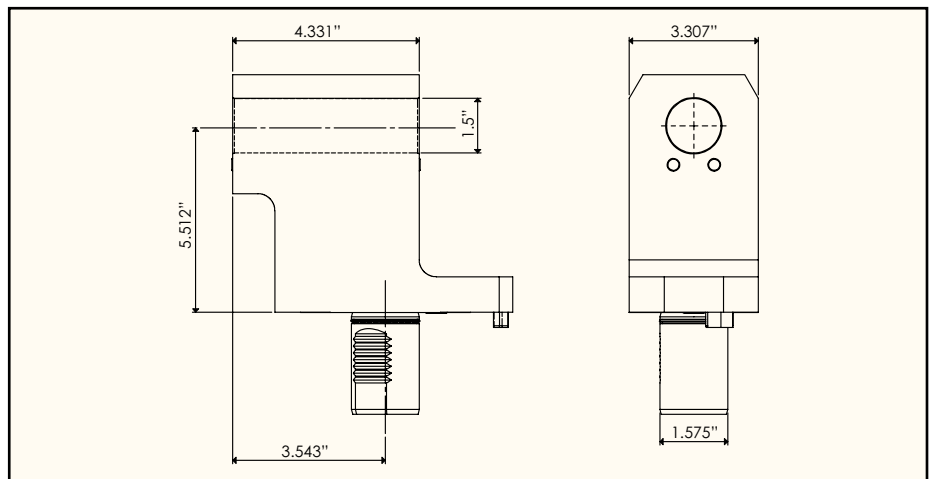


Part Number	Size	d1	d2	l1	l2	b1	h1
MZQT46-BG10Z-C	VDI 40 (60mm)	1.575	1.00	2.165	2.559	2.992	4.331
MZQT46-BG12Z-C	VDI 40 (60mm)	1.575	1.25	2.165	2.559	2.992	4.331
MZQT46-BG15Z-C	VDI 40 (60mm)	1.575	1.5	2.165	2.559	2.992	4.331

Metric sizes available. Tool can be used for coolant kub drills. **Internal coolant tools must not be run dry.**

QTN100/100-II
& SQT100

Combination Holder (dual output)



Part Number	Size	d1	d2	l1	l2	b1	h1
MZQT46-BG15Z-MS-C	VDI 40 (60mm)	1.575	1.5	3.543	4.331	3.307	5.512

Metric sizes available. Tool can be used for coolant kub drills. **Internal coolant tools must not be run dry.**

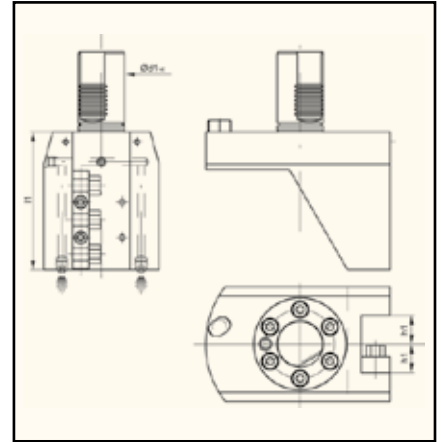


OD Turning Tool



Part Number	Size	d1	l1	h1
MZQT46-OD75X	VDI 40 (60mm)	1.575	3.937	0.75

Right hand and left hand reversible.



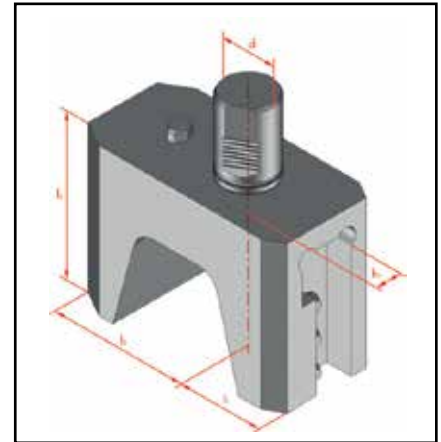
QTN100/100-II
& SQT100

OD Turning Tool (dual output)

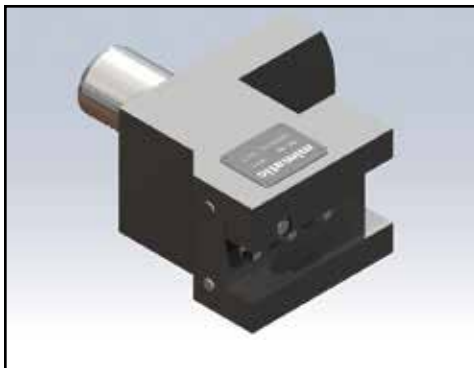


Part Number	Size	d1	l1	l2	b1	h1
MZQT46-OD75X-MS	VDI 40 (60mm)	1.575	1.772	3.937	2.874	0.75

Right hand and left hand reversible.

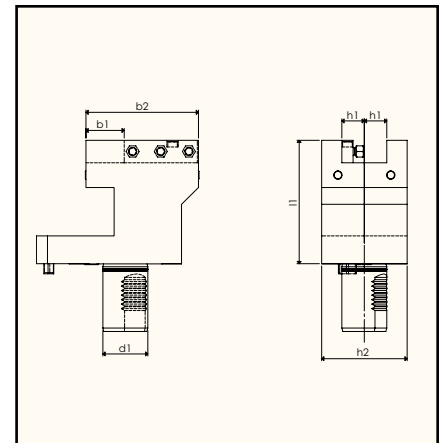


Face Turning Tool



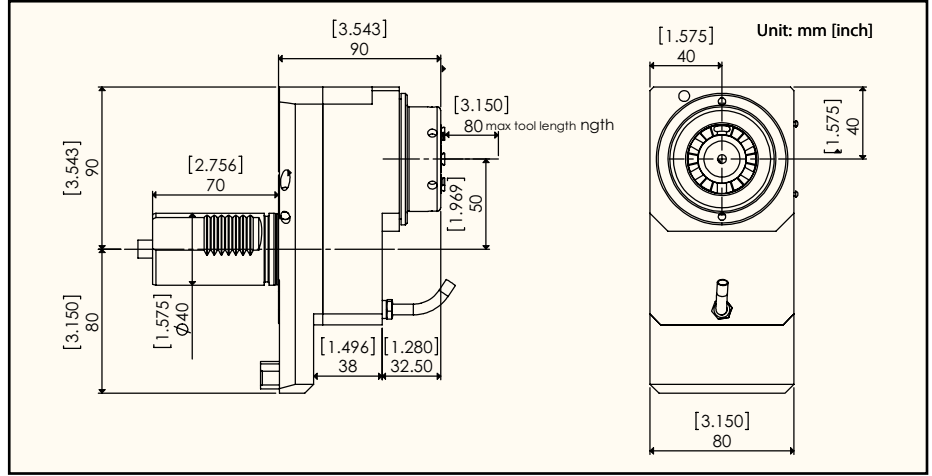
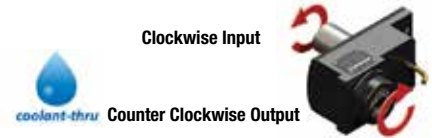
Part Number	Size	d1	h2	l1	b1	b2	h1
MZQT46-ID75Z	VDI 40 (60mm)	1.575	2.992	4.331	2.362	4.331	0.75

Right hand and left hand reversible.



ER32 Offset Type

Part #: **MZQT47-ER32X-OFF** Mazak Reference #: 532 080 20102
MZQT47-ER32X-OFF-C

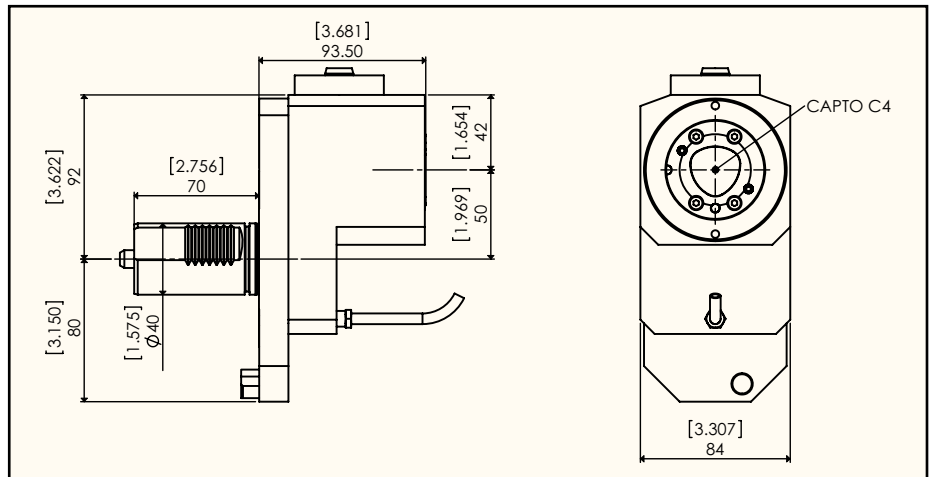
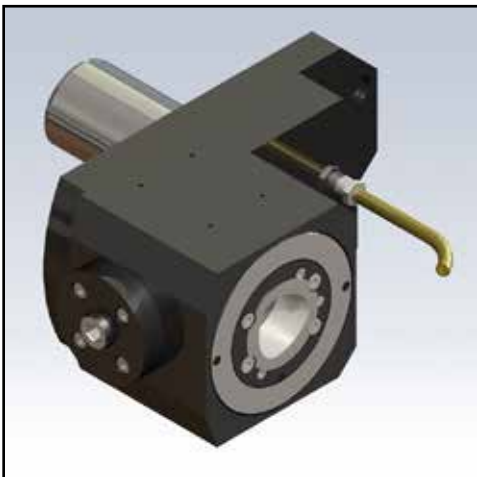
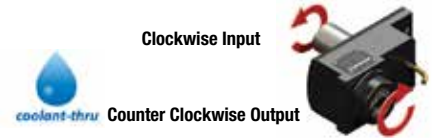


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	50 Nm	6500/6500	1:1	CW-CCW	External Internal (1000PSI)	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

CAPTO C4

Part #: **MZQT47-CAPTO4X-OFF-C**



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
CAPTO C4	-	50Nm	6500/6500	1:1	CW:CCW	Internal	-	-

Internal coolant tools must not be run dry.

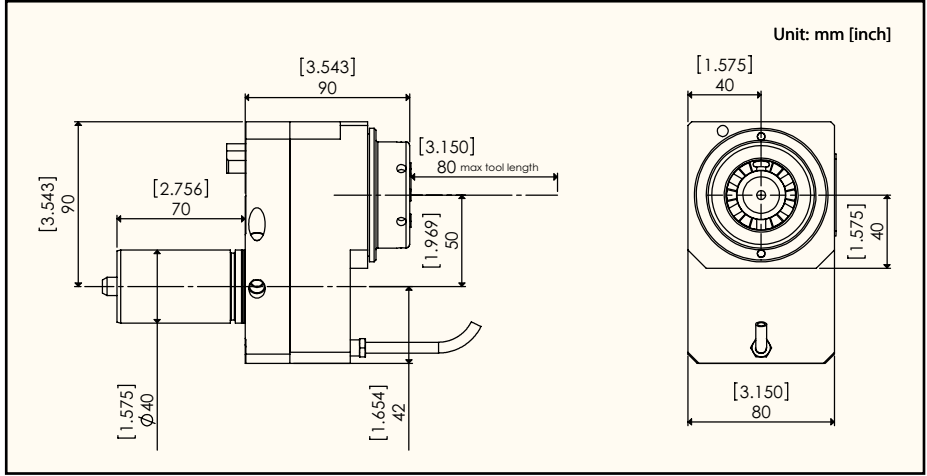
QTN200/250
& SQT15/16

ER32 Offset Type (for sub spindle)

Part #: MZQT47-ER32X-OFS

Clockwise Input

Counter Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	50 Nm	6500/6500	1:1	CW-CCW	External	107642	112900

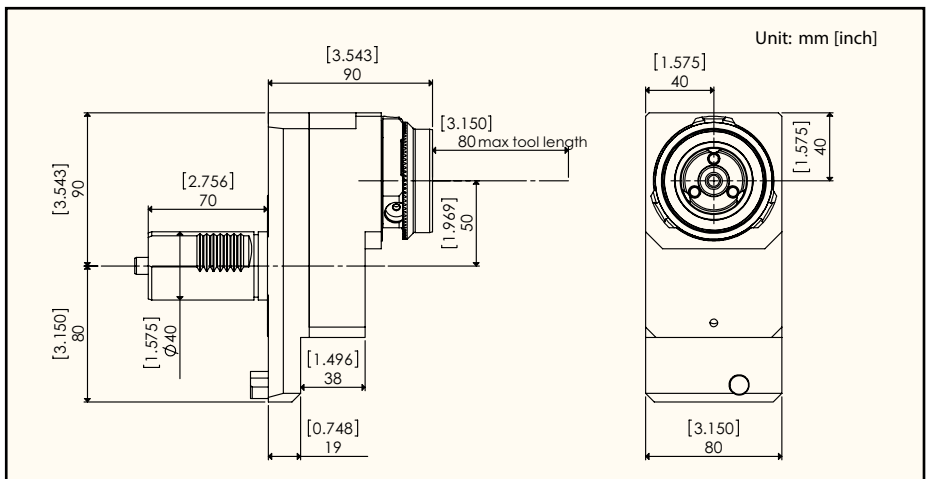
Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

MI50 Offset Type

Part #: MZQT47-MI50X-OFF
MZQT47-MI50X-OFF-C

Clockwise Input

coolant-thru Counter Clockwise Output



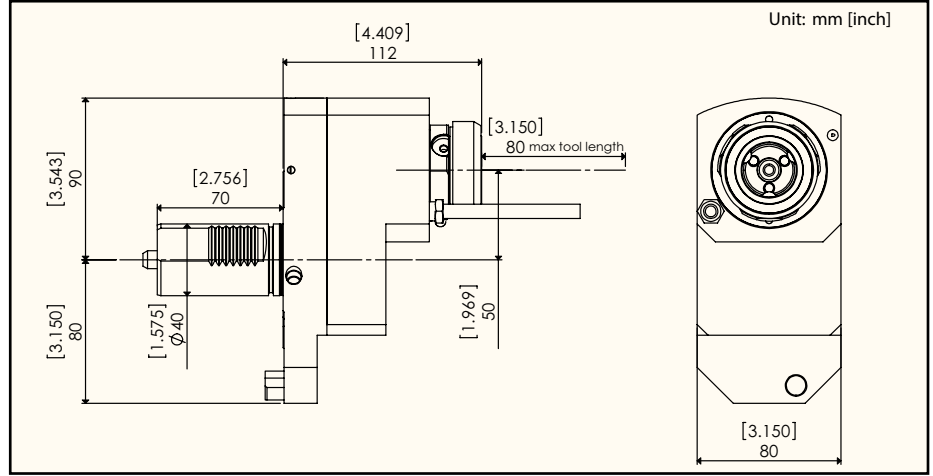
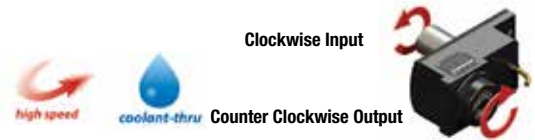
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI50	-	50 Nm	6500/6500	1:1	CW-CCW	External	170419
						Internal (1000 PSI)	

Please refer to pages 45-49 for MI attachment details. Wrenches not included with holder. Internal coolant tools must not be run dry.

QTN200/250
& SQT15/16

MI40 Offset Type

Part #: MZQT47-MI40X-OFF-HSC

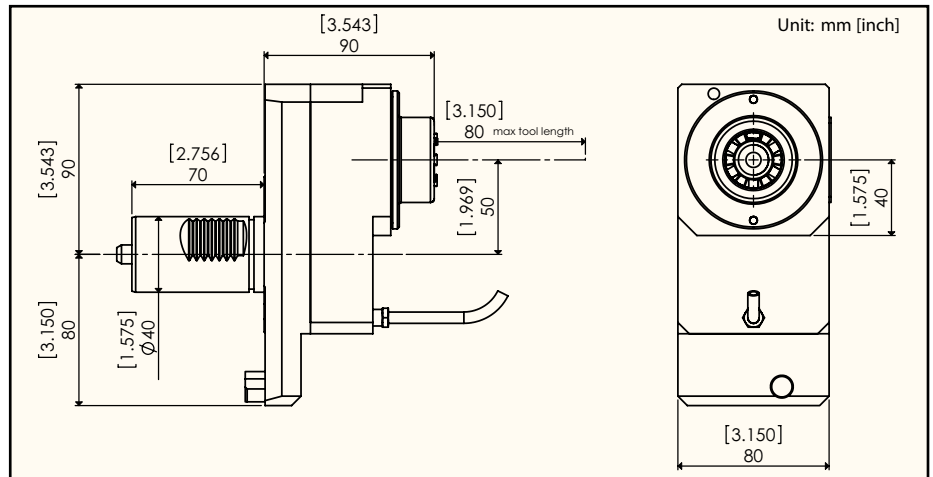


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI40	-	25 Nm	6500/13000	1:2	CW-CCW	Internal (1000 PSI)	170734

Please refer to pages 45-49 for MI attachment details. Wrenches not included with holder. Internal coolant tools must not be run dry.

ER25 Offset Type

Part #: MZQT47-ER25X-OFF
MZQT47-ER25X-OFF-HS
MZQT47-ER25-OFF-HS-C



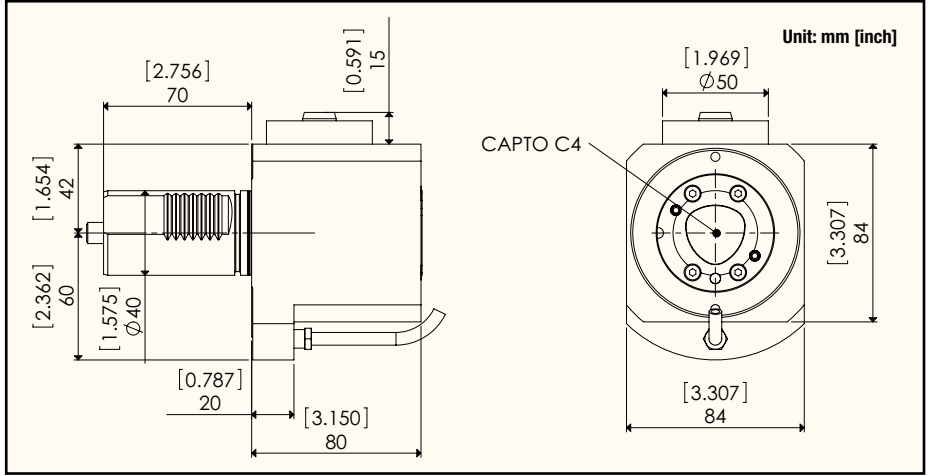
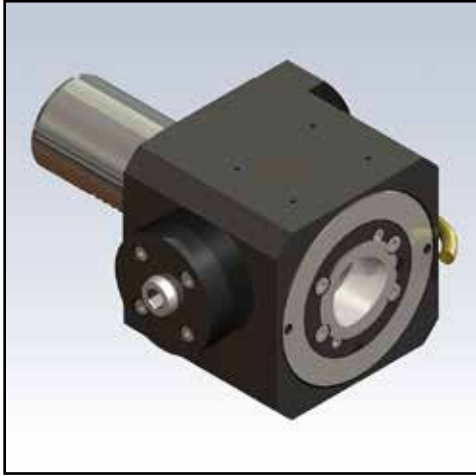
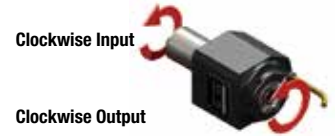
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	50 Nm	6500/6500	1:1	CW-CCW	External	107446	112913
			6500/13000	1:2 / 1:2		External		
			6500/13000			Internal		

Please refer to pages 41-44 for ER Tap Collets details. Wrenches not included with holder. Internal coolant tools must not be run dry.

QTN200/250
& SQT15/16

CAPTO C4

Part #: MZQT47-CAPTO4X

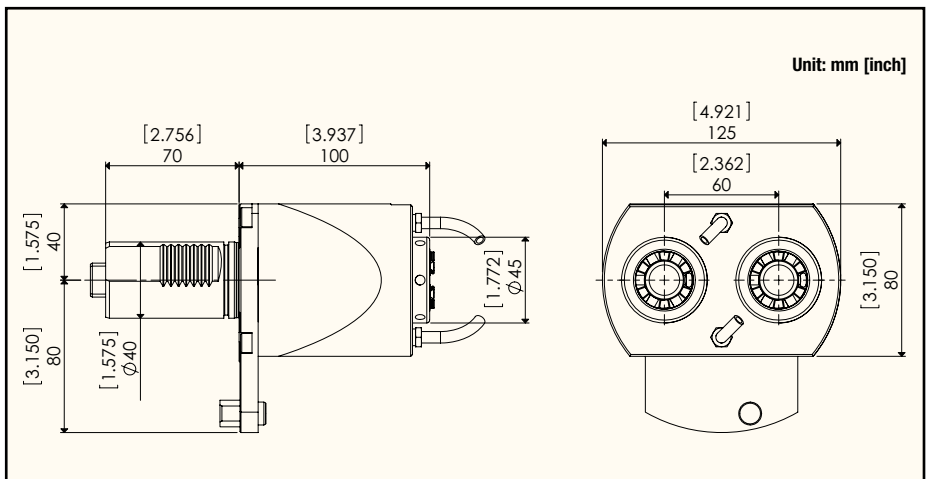
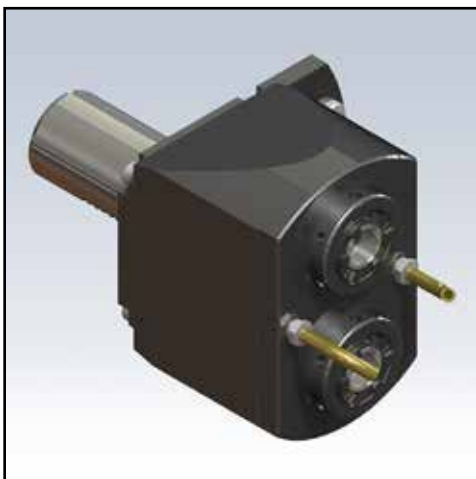
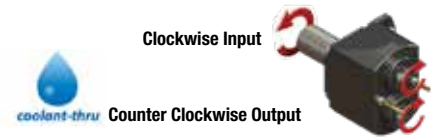


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
CAPTO C4	-	80Nm	6500/6500	1:1	CW:CW	External	-	-

QTN200/250
& SQT15/16

ER25 Straight Unit, Twin Type

Part #: MZQT47-ER25Y-MD
MZQT47-ER25Y-MD-C



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2x ER25	0.5-16mm	2x 15 Nm	6500/6500	1:1	CW:CCW	External	107446	112913
						Internal		

Internal coolant tools must not be run dry.

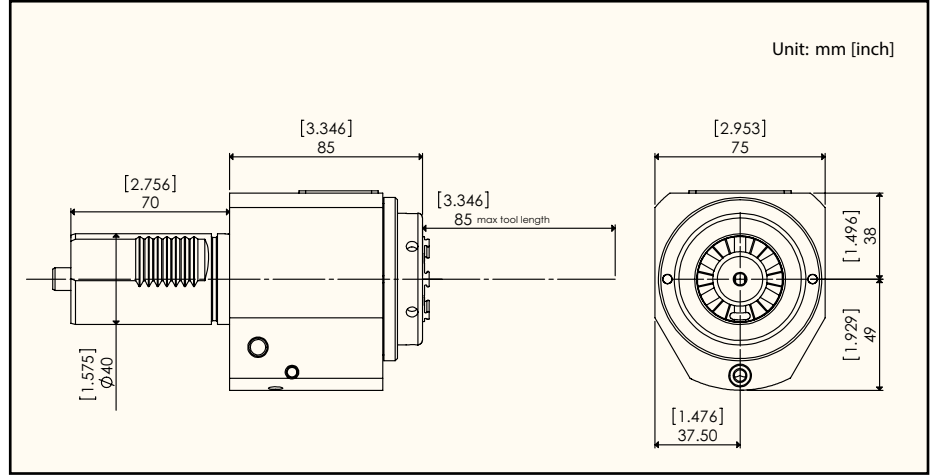
ER32 Straight Type

Part #: **MZQT47-ER32X**
MZQT47-ER32X-C



Clockwise Input

Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	80 Nm	6500/6500	1:1	CW-CW	External Internal (1000 psi)	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

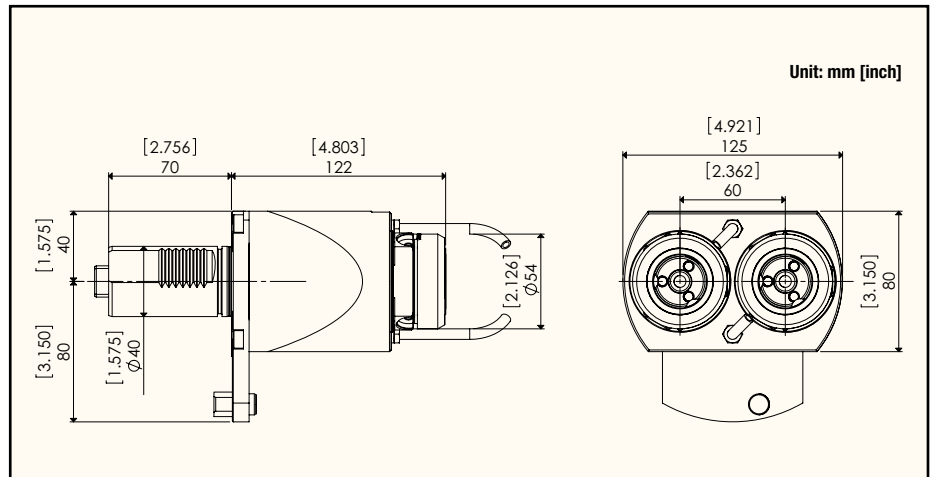
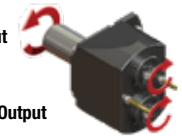
MI40 Straight Unit, Twin Type

Part #: **MZQT47-MI40Y-MD-C**



Clockwise Input

Counter Clockwise Output



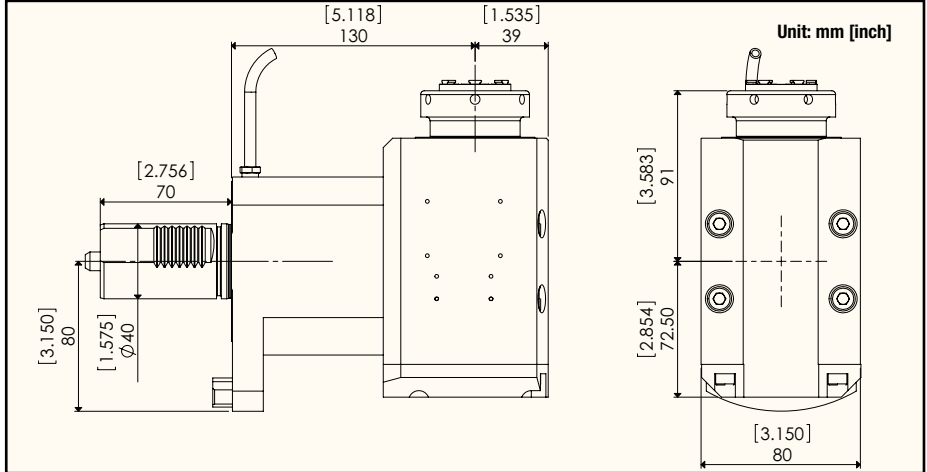
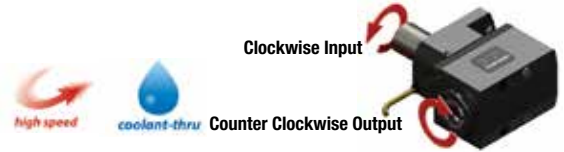
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2x MI40	-	15 Nm	6500/6500	1:1	CW:CCW	Internal	107446	-

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

QTN200/250
& SQT15/16

ER32 90 Degree Angle

Part #: **MZQT47-ER32Z**
MZQT47-ER32Z-C
MZQT47-ER32Z-HS-C



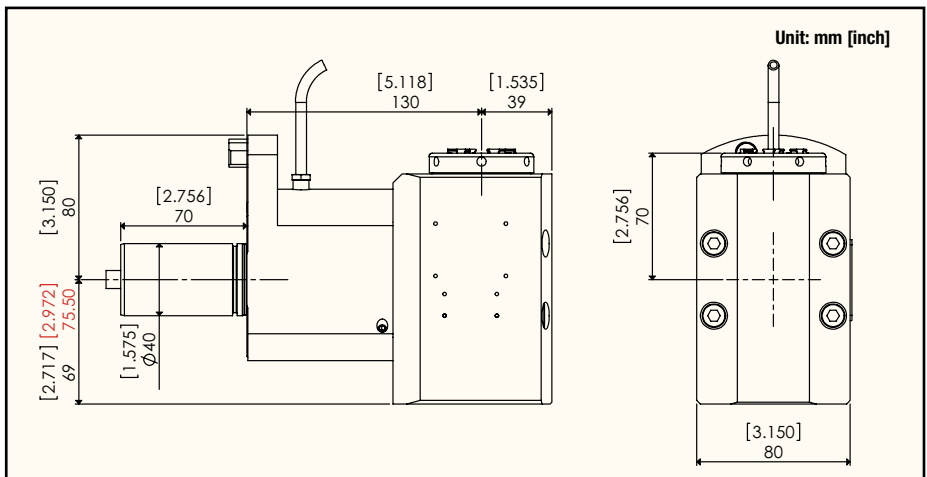
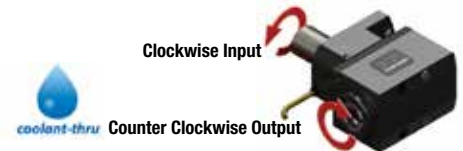
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	50 Nm	6500/6500	1:1 / 1:1	CW-CCW	External	107642	112900
		50 Nm	6500/6500	1:2		Internal		
		25 Nm	6500/13000			Internal		

Pleas refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

QTN200/250
& SQT15/16

ER32 90 Degree Angle (for sub spindle)

Part #: **MZQT47-ER32Z-SUB**
MZQT47-ER32Z-SUB-C

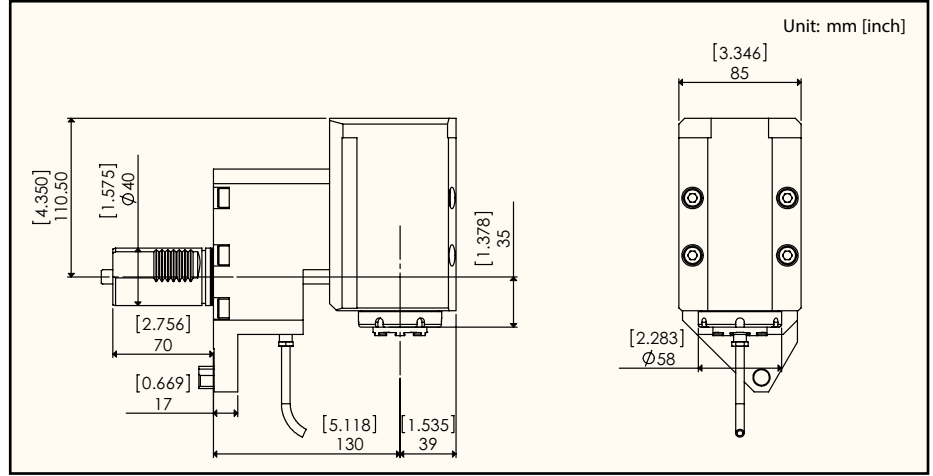
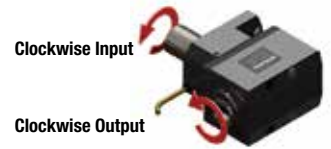


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	50 Nm	6500/6500	1:1	CW-CCW	External	107642	112900
						Internal (1000PSI)		

Pleas refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER32 90 Degree Angle (for sub spindle)

Part #: MZQT47-ER32Z-OFF-SUB-C

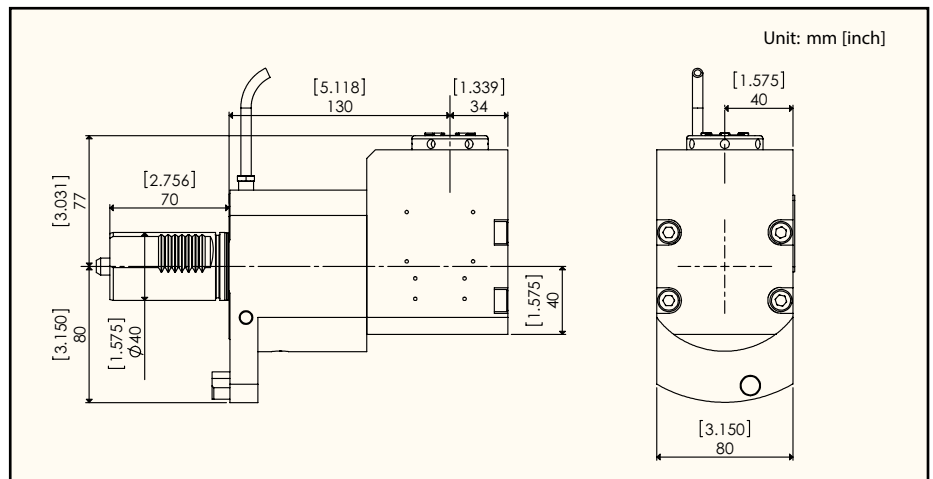
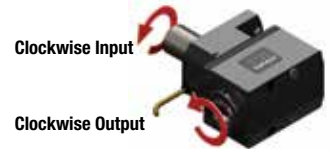


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	50 Nm	6500/6500	1:1	CW-CW	Internal (1000 PSI)	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER25 90 Degree Angle

Part #: MZQT47-ER25Z-HS



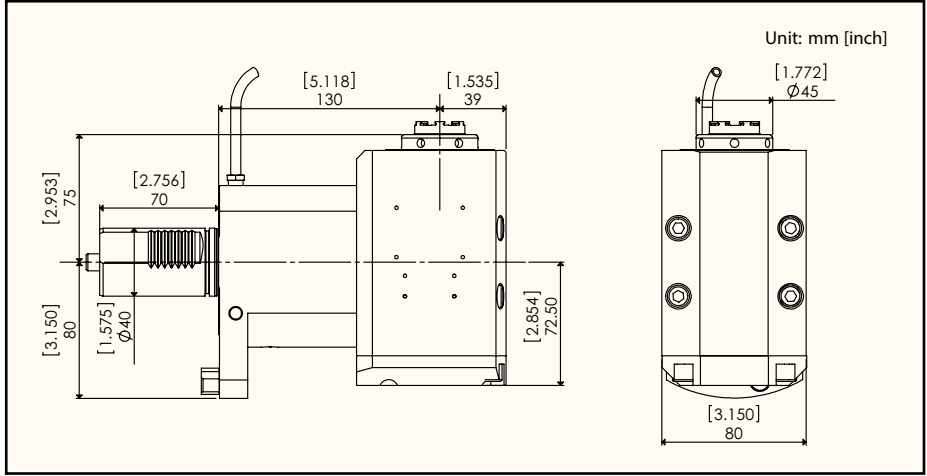
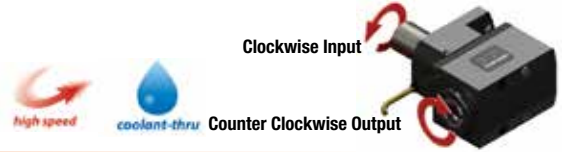
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	25 Nm	6500/13000	1:2	CW-CW	External	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

QTN200/250
& SQT15/16

ER25 90 Degree Angle

Part #: MZQT47-ER25Z-HSC



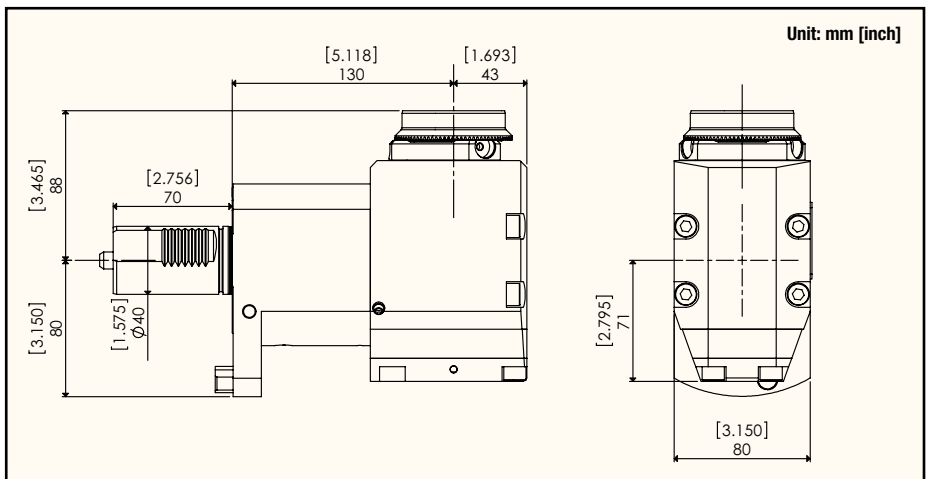
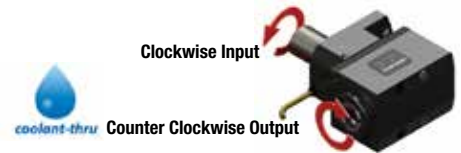
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	25 Nm	6500/13000	1:2	CW-CCW	Internal (1000 PSI)	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

QTN200/250
& SQT15/16

MI50 90 Degree Angle

Part #: MZQT47-MI50Z
MZQT47-MI50Z-C

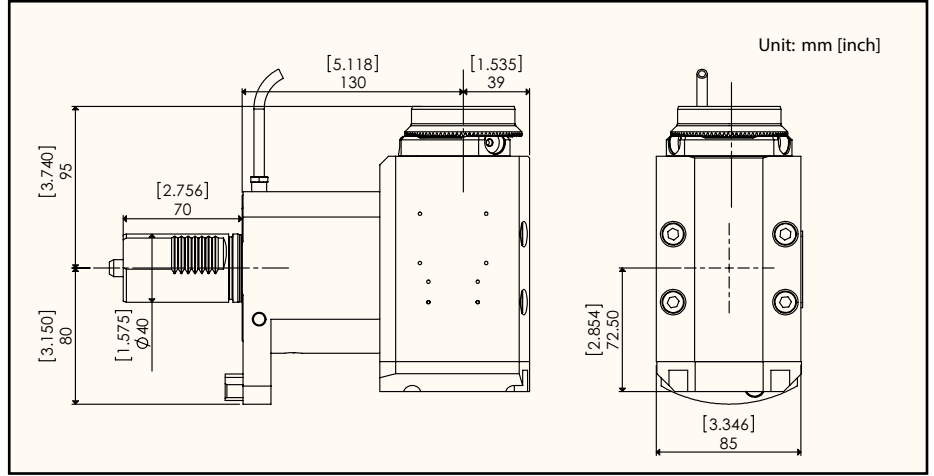
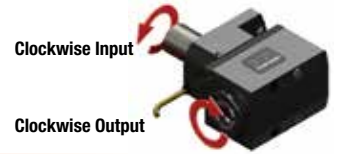


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI50	-	50 Nm	6500/6500	1:1	CW-CCW	External Internal (1000PSI)	170419

Please refer to pages 45-49 for MI attachment details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

MI40 90 Degree Angle

Part #: MZQT47-MI40Z-C

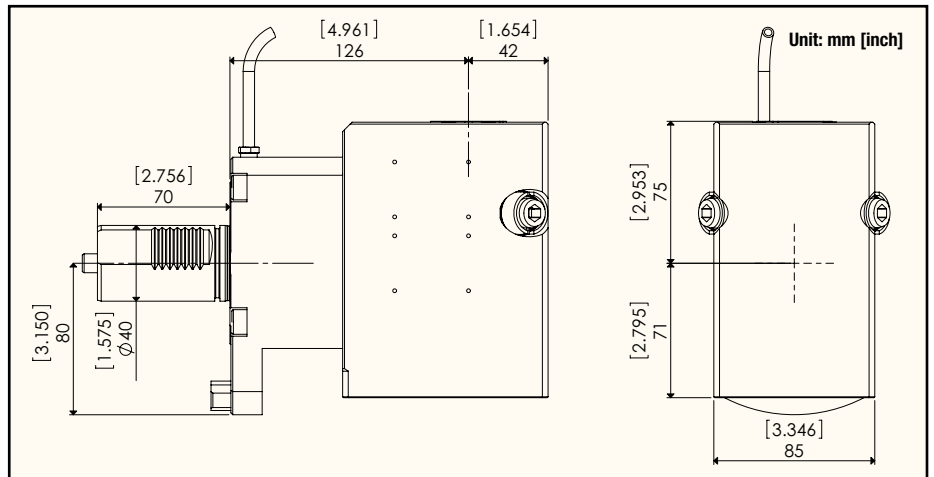
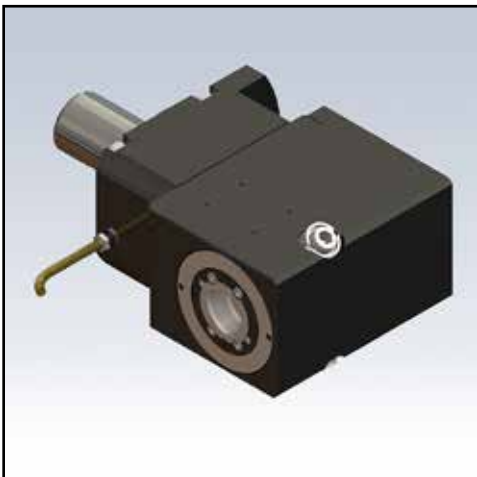
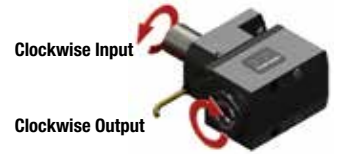


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI40	-	25 Nm	6500/13000	1:2	Main: CW-CW Sub: CW-CW	Internal (1000 PSI)	170734

Please refer to pages 45-49 for MI attachment details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

CAPTO C4

Part #: MZQT47-CAPTO4Z-C



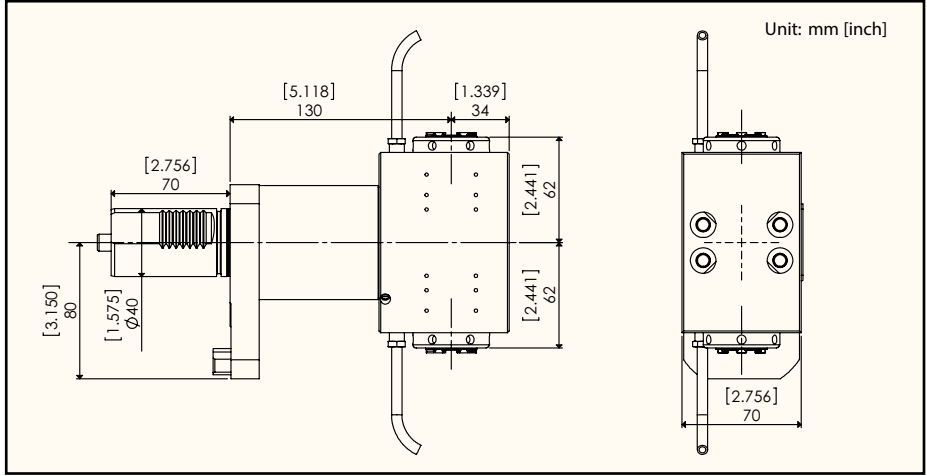
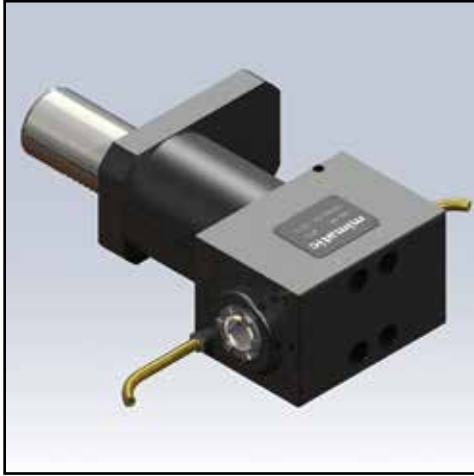
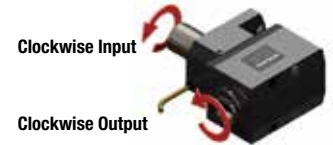
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
CAPTO C4	-	50Nm	6500/6500	1:1	CW:CCW	Internal	-	-

Internal coolant tools must not be run dry.

QTN200/250
& SQT15/16

ER25 Dual Output Type

Part #: MZQT47-ER25Z-MS



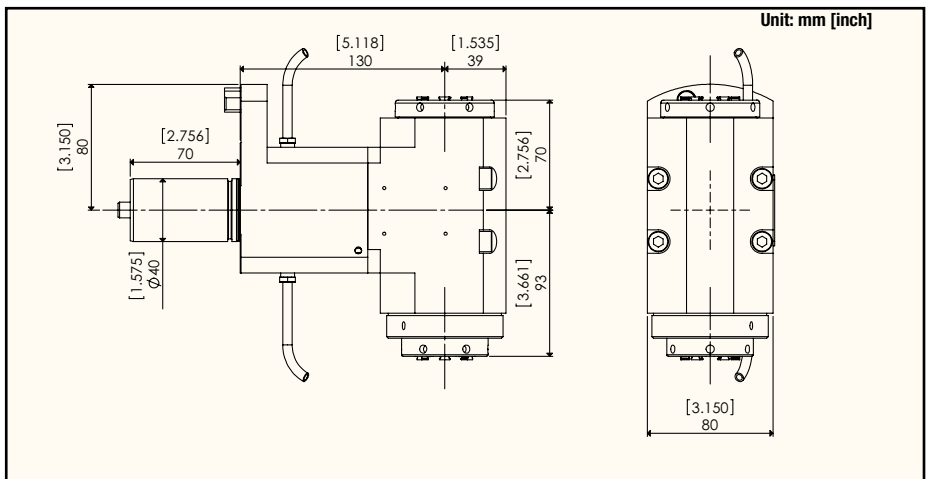
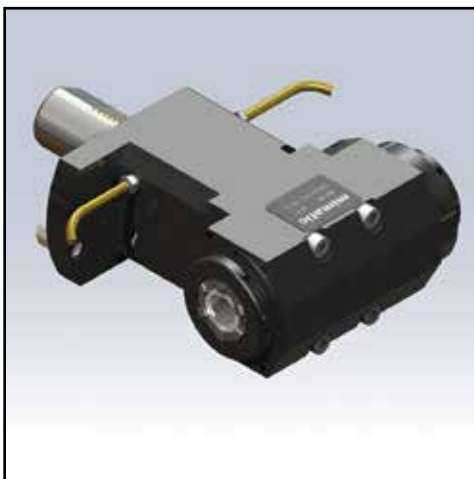
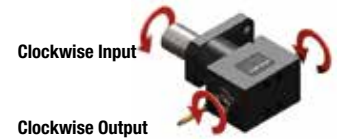
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2x ER25	0.5-16mm	25 Nm	6500/6500	1:1	Main: CW-CW Sub: CW-CW	External	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

ER32 Dual Output Type

Part #: MZQT47-ER32Z-MS

MZQT47-ER32Z-MS-C



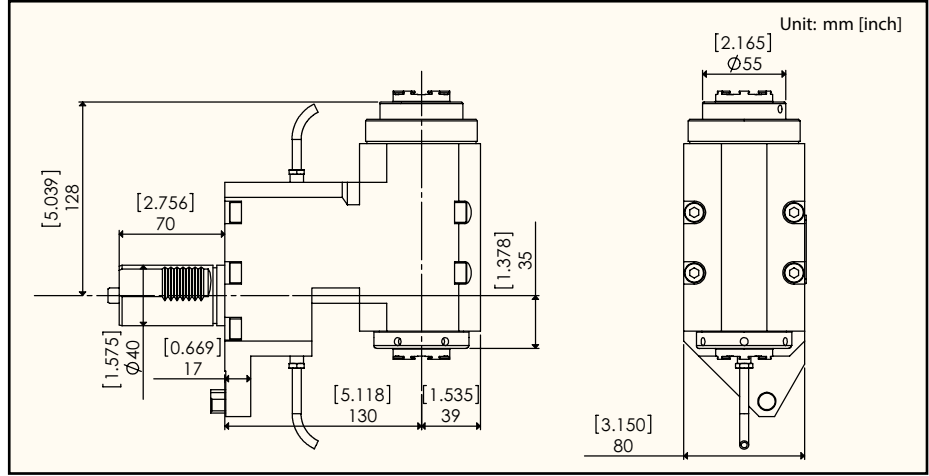
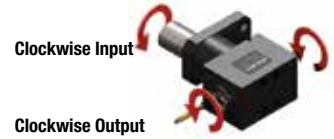
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2x ER32	1-20mm	70 Nm	6500/6500	1:1	Main: CW-CW Sub: CW-CCW	External Internal (435 PSI)	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

QTN200/250
& SQT15/16

ER32 Dual Output Offset Type

Part #: MZQT47-ER32Z-MS-OFF-C

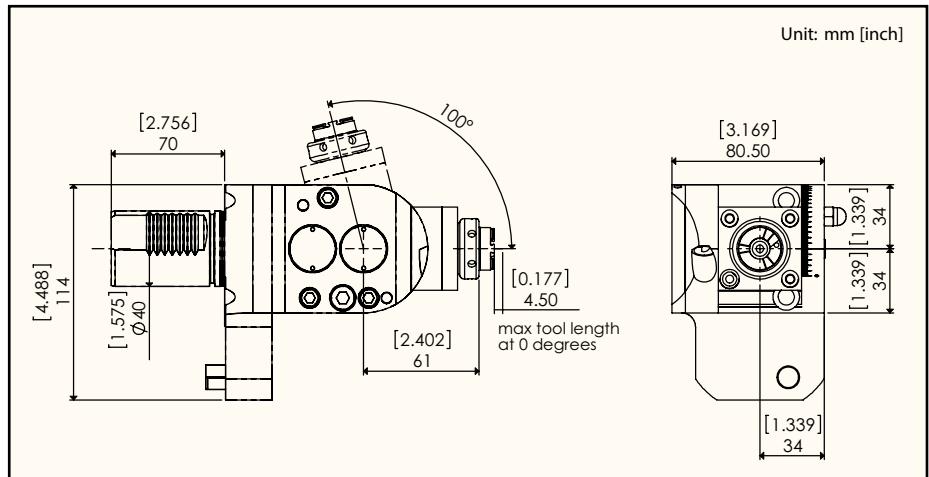
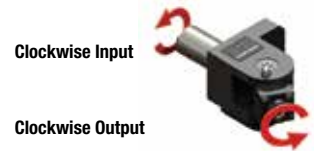


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2x ER32	1-20mm	70 Nm	6500/6500	1:1	Main: CW-CCW Sub: CW-CW	Internal (435 PSI Max)	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER16 Angle Unit-Adjustable

Part #: MZQT47-ER16-AD
MZQT47-ER16-AD-HS



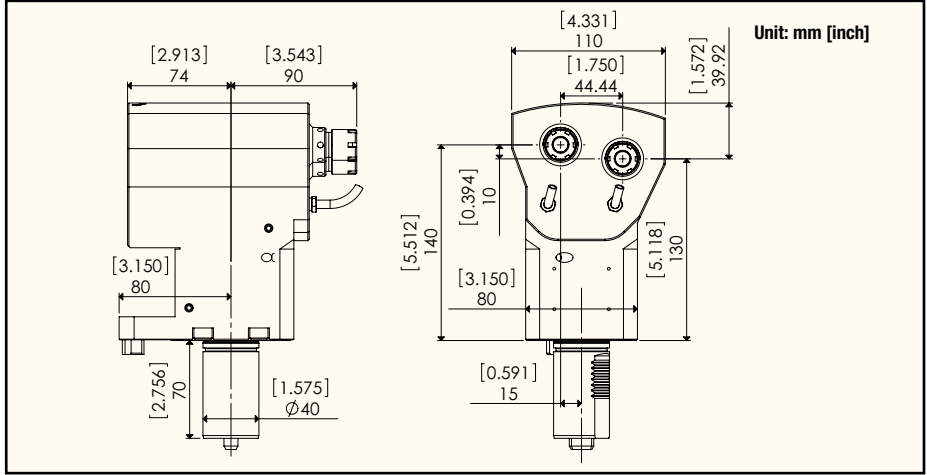
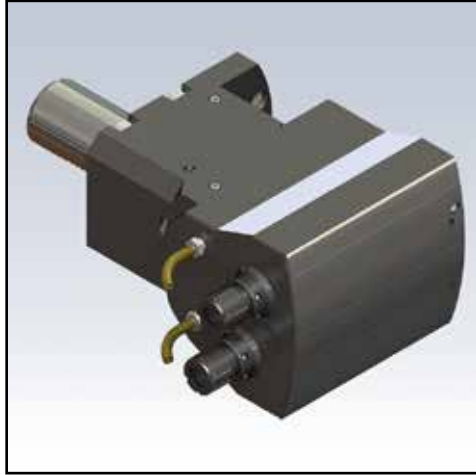
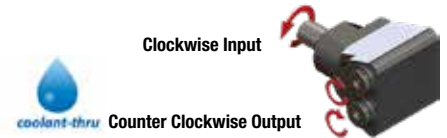
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER16	0.5-10mm	6 Nm	6500/6500	1:1	CW-CW	External	107557	112954
			3750/15000	1:4				

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

QTN200/250
& SQT15/16

ER16 Angle Unit, Twin Type

Part #: **MZQT47-ER16Z-MD**
MZQT47-ER16Z-MD-C



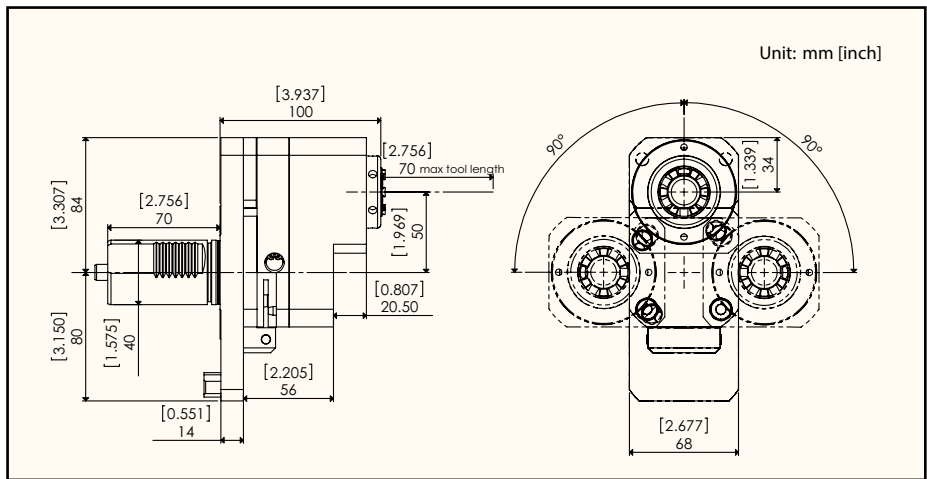
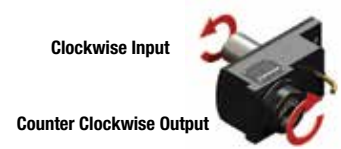
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2x ER16	0.5-10mm	15 Nm	6500/6500	1:1	CW:CCW	External	107557	112954
				1:2		Internal		

Internal coolant tools must not be run dry.

QTN200/250 & SQT15/16

ER25 Y-Unit Adjustable

Part #: **MZQT47-ER25Y-AD**



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER25	0.5-16mm	25 Nm	6500/6500	1:1	CW-CCW	External	107446	112913

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. +/- 50mm y-axis adjustable Wrenches not included with holder.

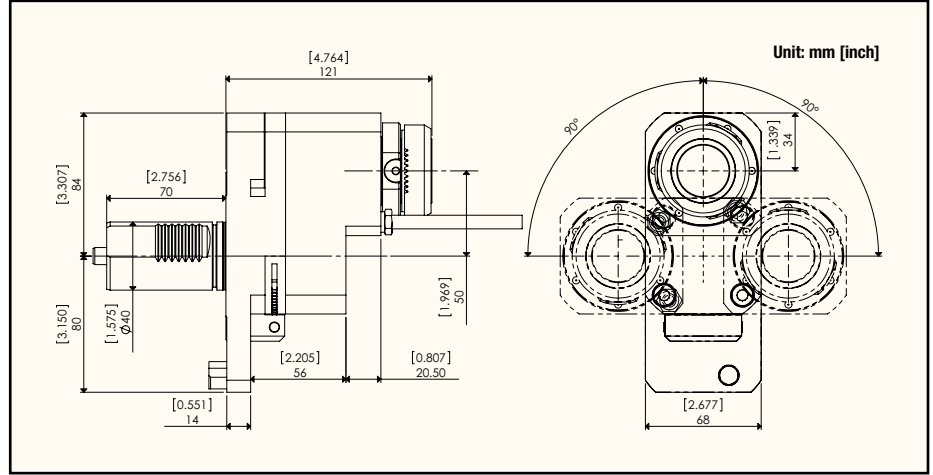
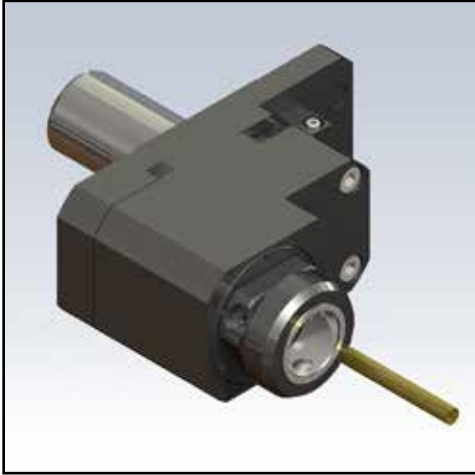
MI40 Y-Unit Adjustable

Part #: MZQT47-MI40Y-AD

Clockwise Input



Counter Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI40	-	25 Nm	6500/6500	1:1	CW:CCW	External	107446

Please refer to pages 45-49 for MI attachment details. +/- 50mm Y-axis adjustable. Wrenches not included with holder.

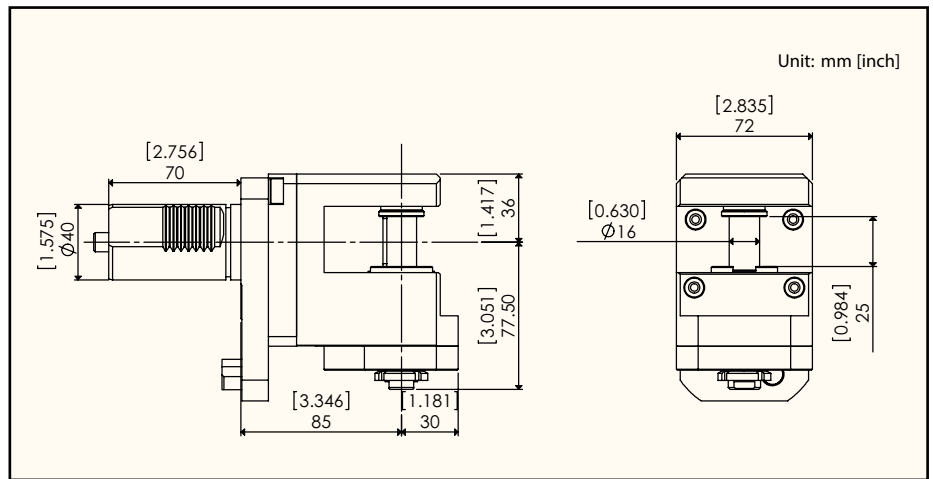
Saw Blade Holder - 22mm Arbor

Part #: MZQT47-SB22X

Clockwise Input



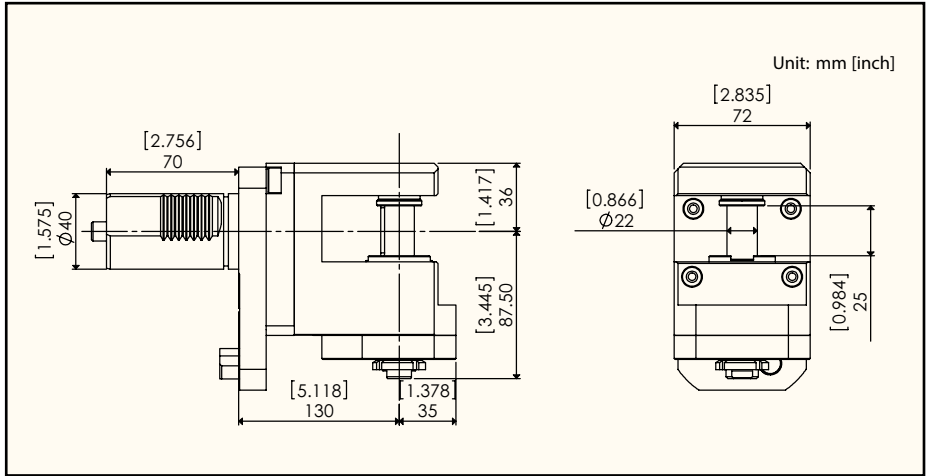
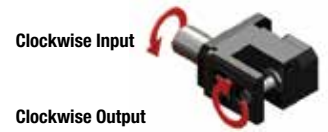
Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
22mm Arbor	-	20 Nm	6500/2450	2.66:1	CW-CW	External	-	-

Saw Blade Holder - 22mm Arbor

Part #: MZQT47-SB22X-HT

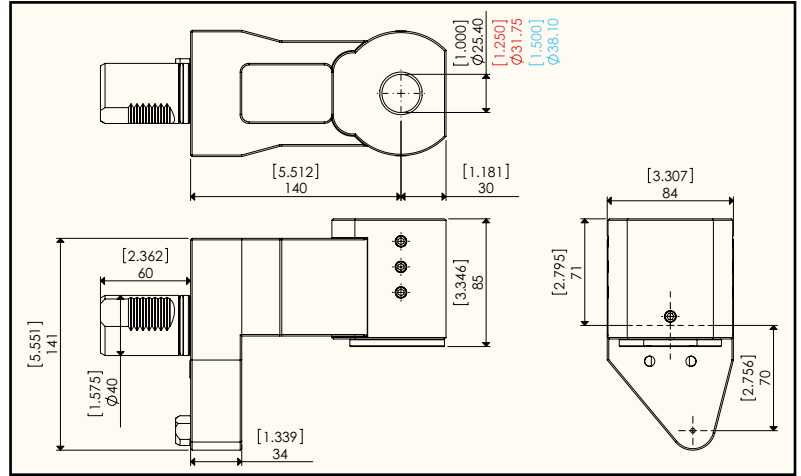


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
22mm Arbor	-	40 Nm	6500/2450	2.66:1	CW-CW	External	-	-

QTN200/250
& SQT15/16

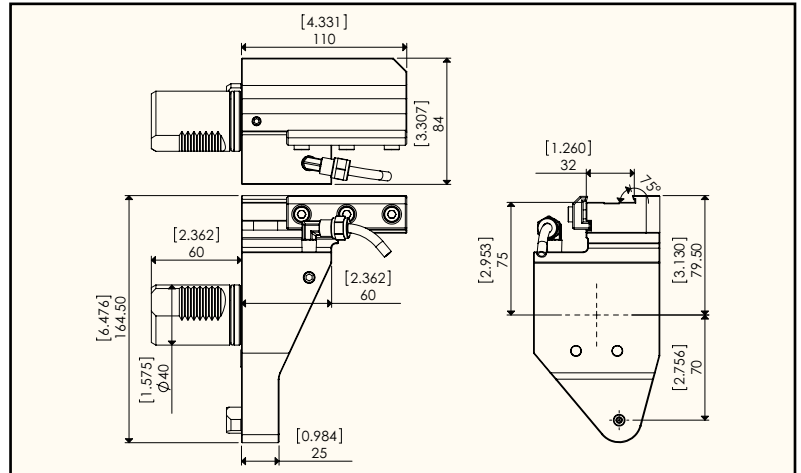
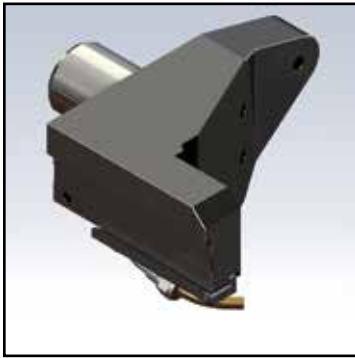
Boring Bar Holder - Internal Coolant

Part #: **MZQT47-BG10Z-C**
MZQT47-BG12Z-C
MZQT47-BG15Z-C



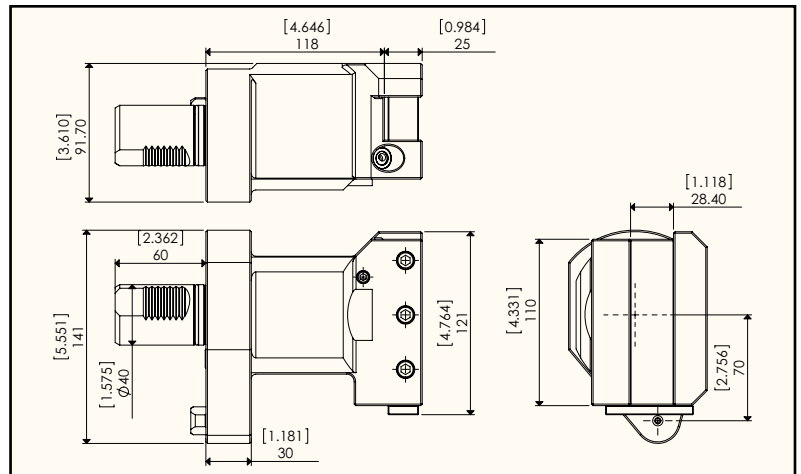
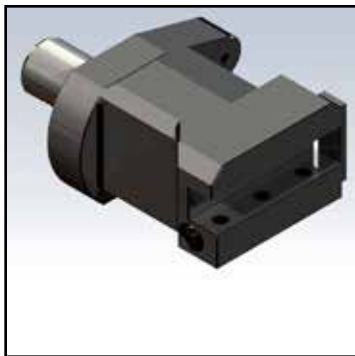
Part Number	Output Size	Coolant
MZQT47-BG10Z-C	1.00"	Internal
MZQT47-BG12Z-C	1.25"	
MZQT47-BG15Z-C	1.50"	

32mm Cut Off Holder



Part Number	Output Size
MZQT47-CO32MMX	32mm

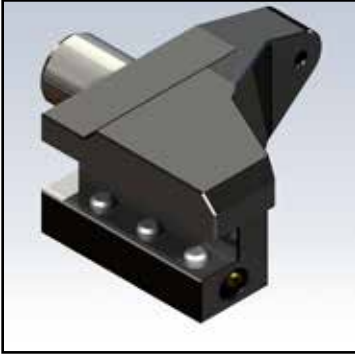
1" Face Turning Holder



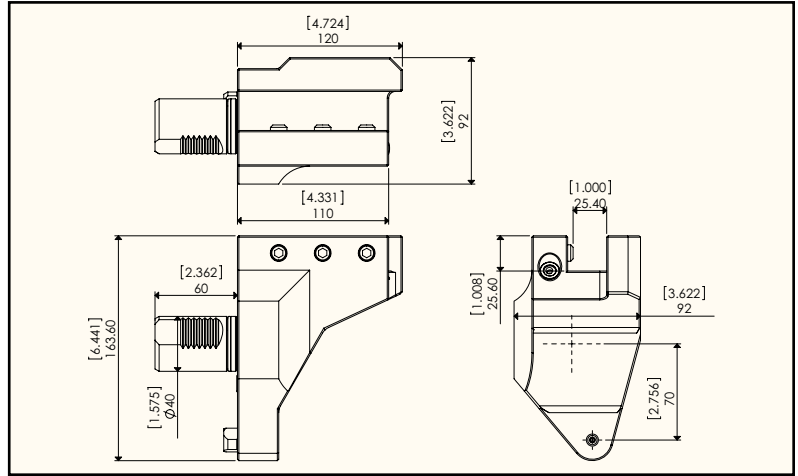
Part Number	Output Size
MZQT47-ID10Z	1.00"

QTN200/250
& SQT15/18

OD Turning Holder - Right Hand



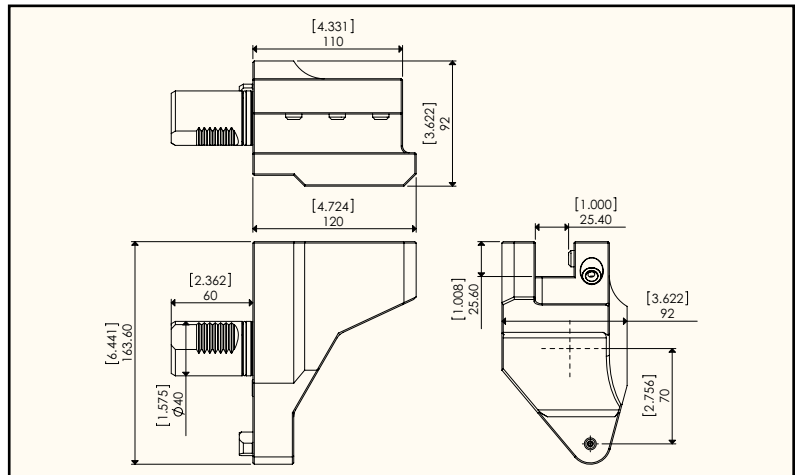
Part Number	Output Size
MZQT47-OD10X	1.00"



OD Turning Holder - Left Hand



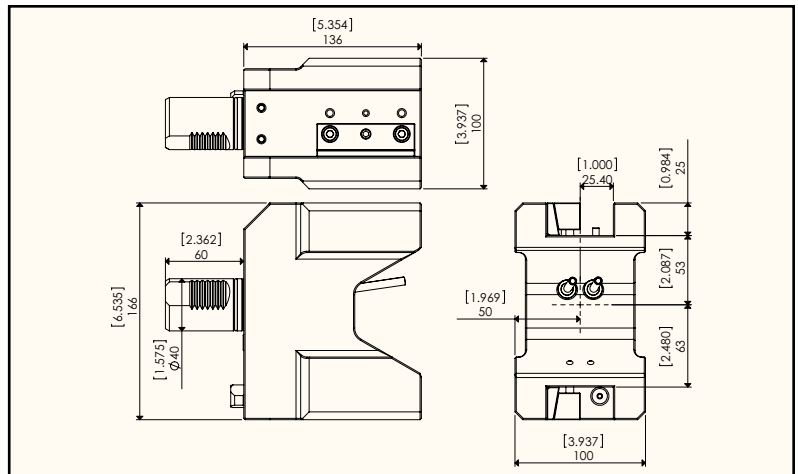
Part Number	Output Size
MZQT47-OD10X-LH	1.00"



OD Turning Holder - Dual

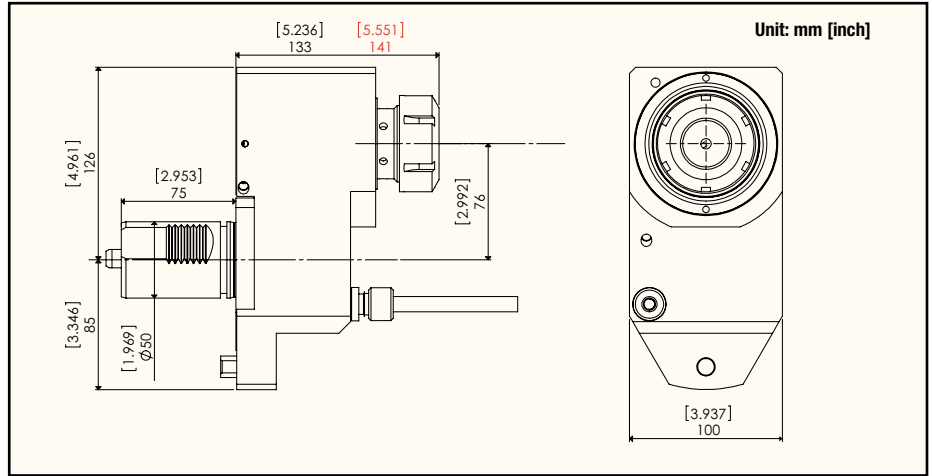
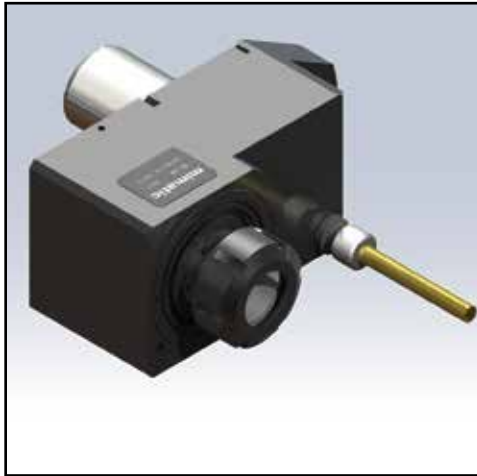
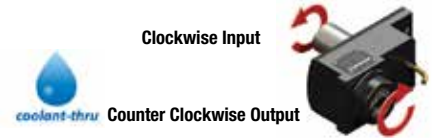


Part Number	Output Size
MZQT47-OD10X-MS	1.00"



ER40 Offset Type

Part #: **MZQT5-ER40X-OFF**
MZQT5-ER40X-OFF-C

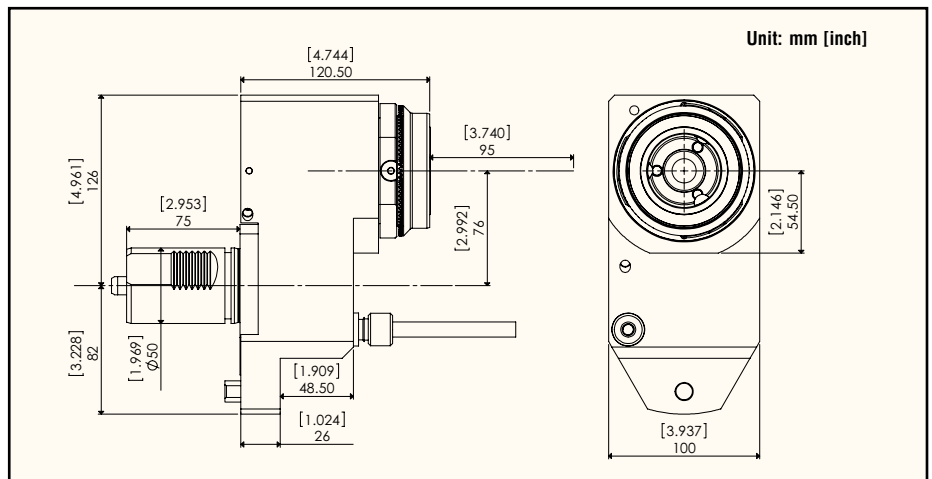
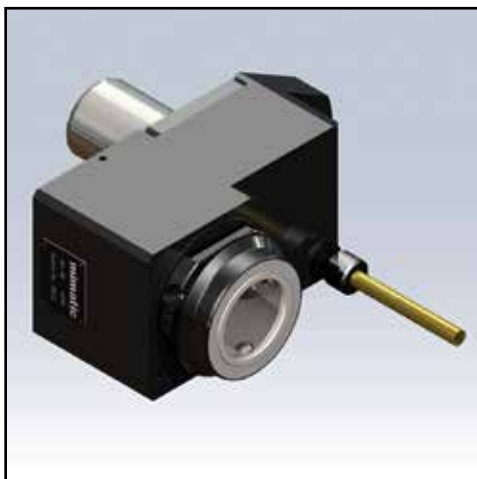
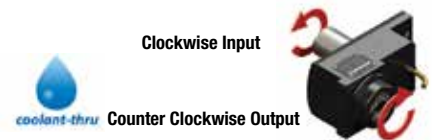


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER40	2.0-26mm	100 Nm	6500/6500	1:1	CW-CCW	External	107446	107628
						Internal (1000PSI)		

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

MI63 Offset Type

Part #: **MZQT5-MI63X-OFF-C**



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI63	-	100 Nm	6500/6500	1:1	CW-CCW	Internal (1000 PSI)	170419

Please refer to pages 45-49 for MI attachment details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

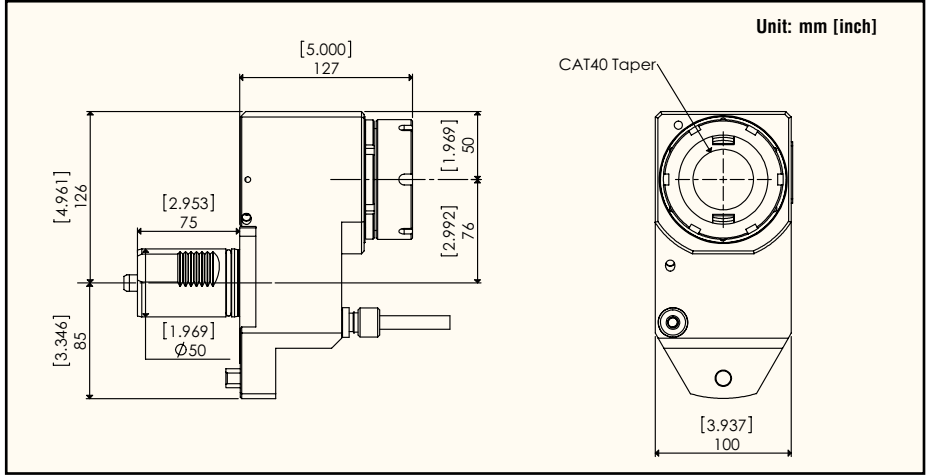
QTN300/350
& SQT28/30

CAT40 Offset Type

Part #: MZQT5-CT40X-OFF
MZQT5-CT40X-OFF-C

Clockwise Input

Counter Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
CAT40	-	100 Nm	6500/6500	1:1	CW-CCW	External	107566	107566

Wrenches not included with holder. **Internal coolant tools must not be run dry.**

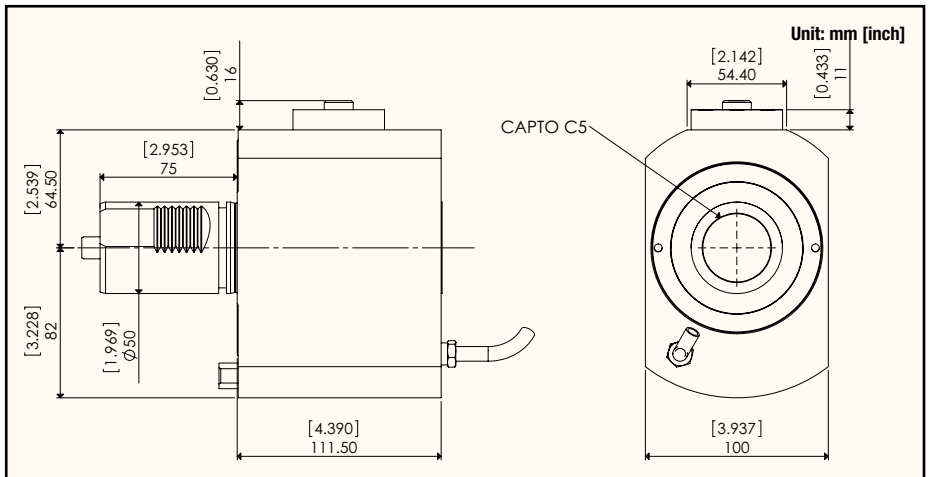
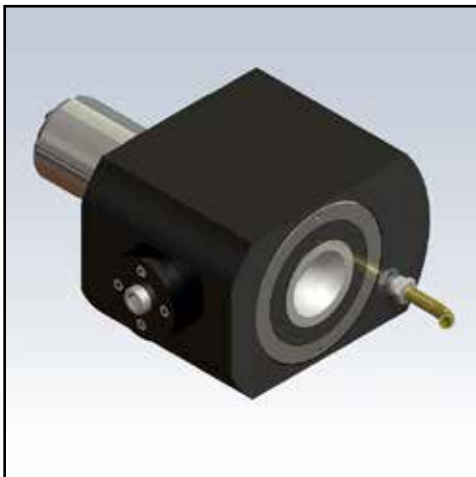
CAPTO C5

Part #: MZQT5-CAPTO5X-C



Clockwise Input

Clockwise Output

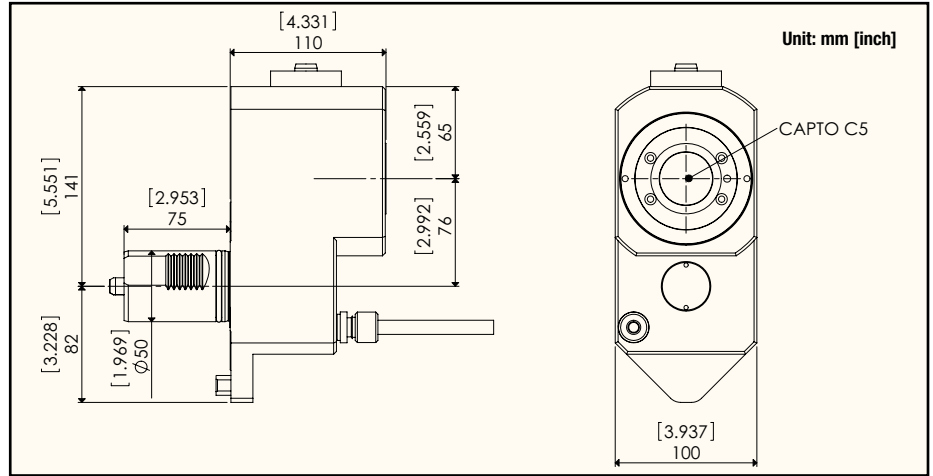
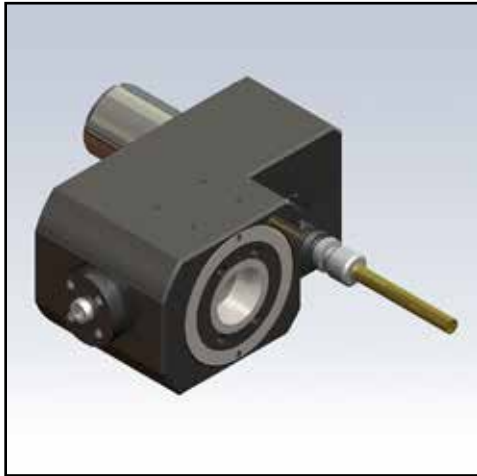
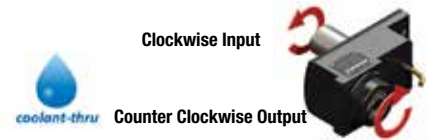


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant
CAPTO C5	-	80Nm	6500/6500	1:1	CW:CW	Internal

Internal coolant tools must not be run dry.

CAPTO C5

Part #: MZQT5-CAPTO5X-OFF-C

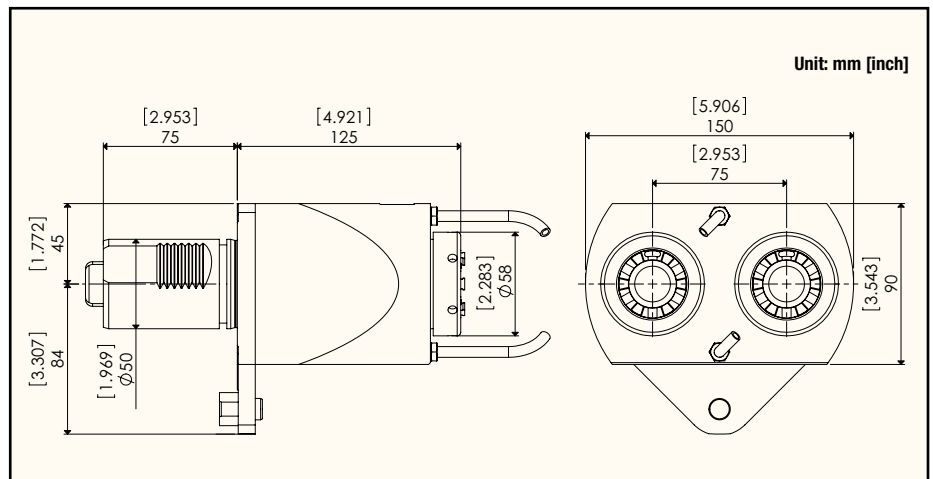
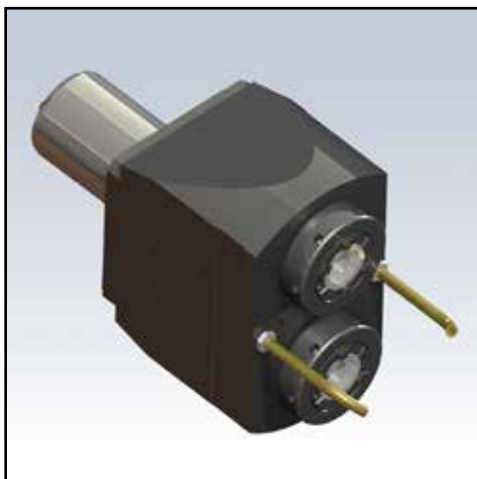


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant
CAPTO C5	-	100Nm	6500/6500	1:1	CW:CCW	Internal

Internal coolant tools must not be run dry.

ER32 Straight Unit, Twin Type

Part #: MZQT5-ER32Y-MD
MZQT5-ER32Y-MD-C



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20mm	20Nm	6500/6500	1:1	CW:CCW	External	107642	112900
						Internal		

Internal coolant tools must not be run dry.

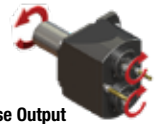
QTN300/350
& SQT28/30

MI50 Straight Unit, Twin Type

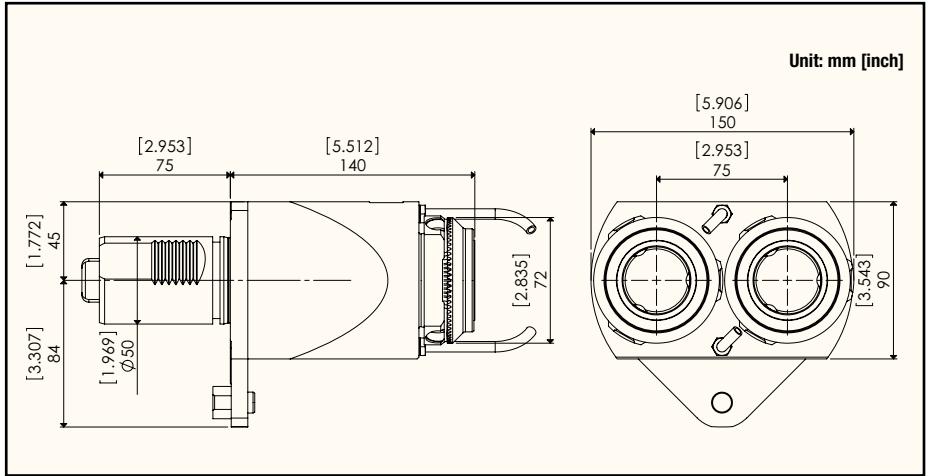
Part #: MZQT5-MI50Y-MD-C



Clockwise Input



Counter Clockwise Output



Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI50	NA	20Nm	6500/6500	1:1	CW:CCW	Internal	170419

Please refer to pages 45-49 for MI attachment details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

ER40 90 Degree Angle

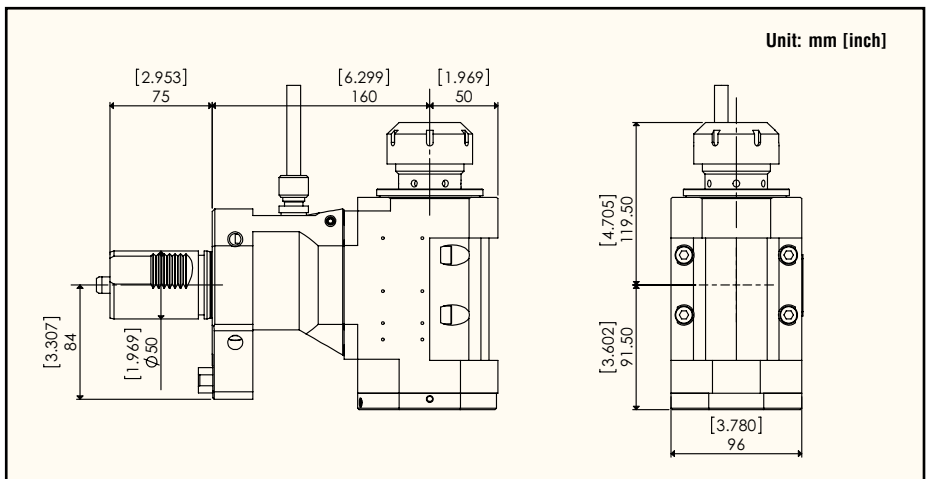
Part #: MZQT5-ER40Z
MZQT5-ER40Z-C



Clockwise Input



Counter Clockwise Output

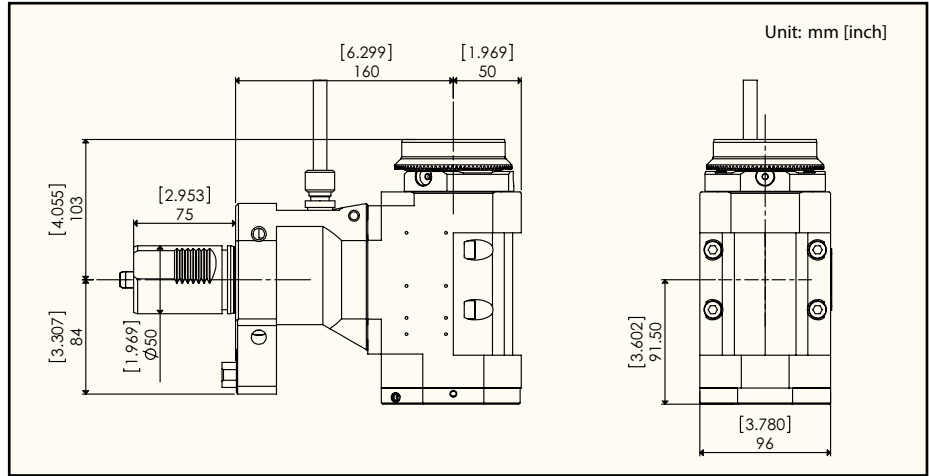
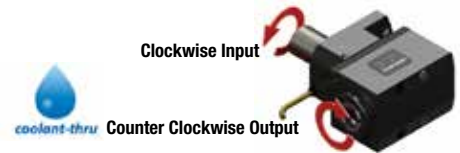


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER40	2.0-26 mm	100 Nm	6500/6500	1:1	CW-CCW	External	107446	107628
						Internal (1000 PSI)		

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

MI63 90 Degree Angle

Part #: MZQT5-MI63Z-C



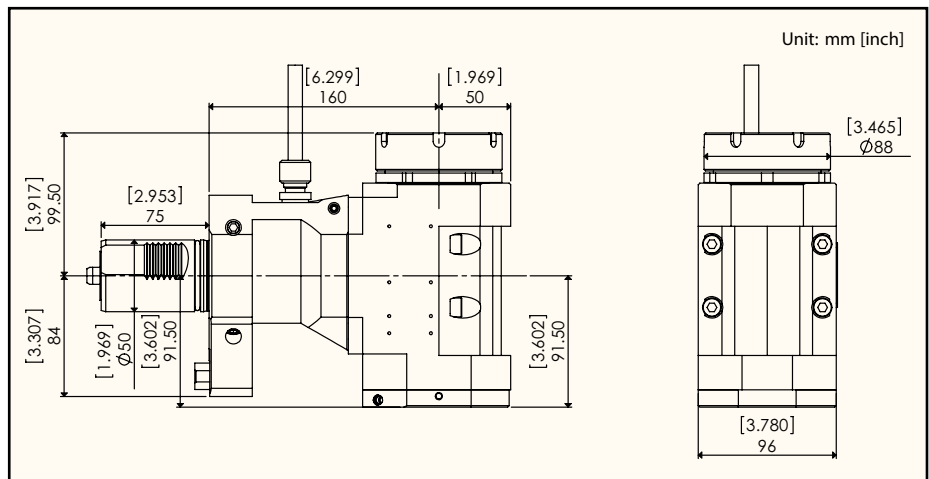
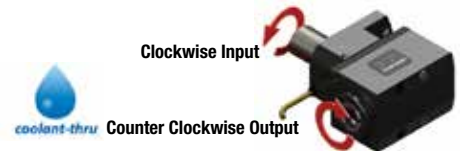
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench
MI63	-	100 Nm	6500/6500	1:1	CW-CCW	Internal (1000 PSI)	170419

Please refer to pages 44-48 for MI attachment details. Wrenches not included with holder. **Internal coolant tools must not be run dry.**

CAT40 90 Degree Angle

Part #: MZQT5-CT40Z
MZQT5-CT40Z-C

Mazak Reference #: 532 480 30200



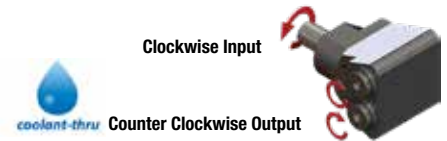
Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
CAT40	-	100 Nm	6500/6500	1:1	CW-CCW	External	107566	107566
						Internal (1000 PSI)		

Wrenches not included with holder. **Internal coolant tools must not be run dry.**

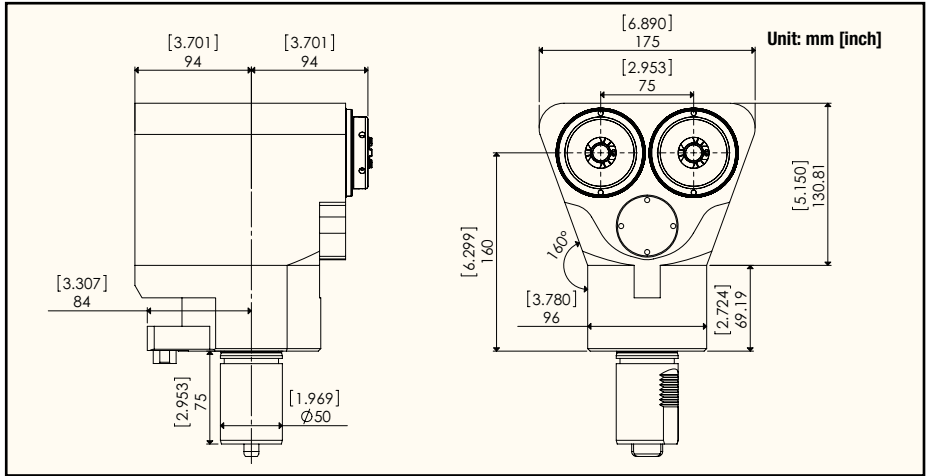
QTN300/350
& SQT28/30

ER25 Angle Unit, Twin Type

Part #: **MZQT5-ER25Z-MD**
MZQT5-ER25Z-MD-C



Price: \$9,594/10,507

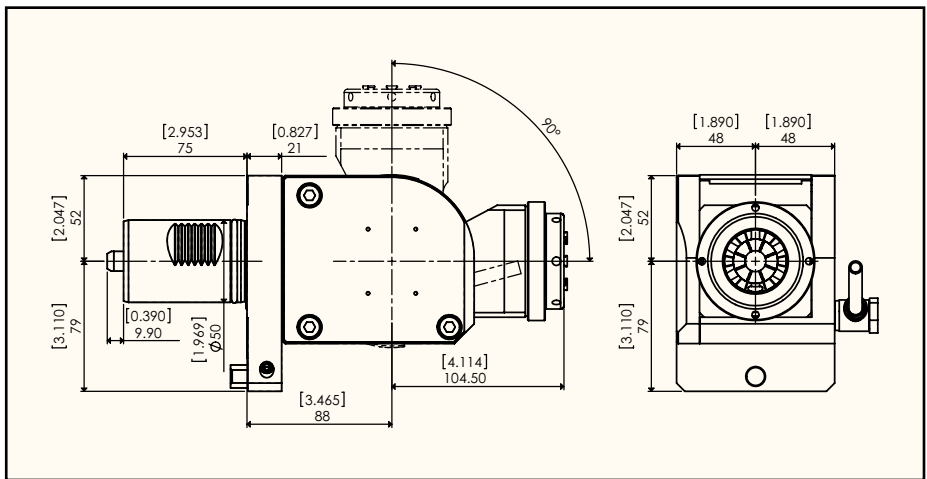
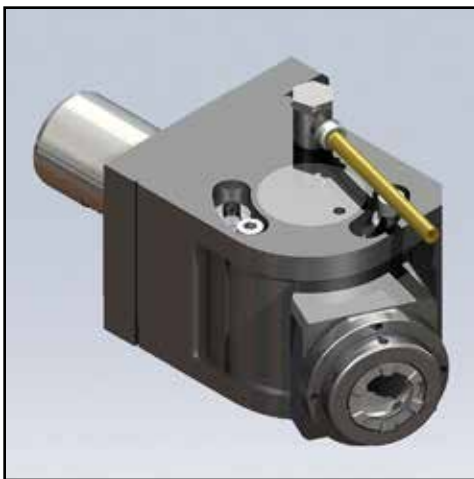
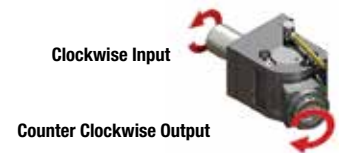


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
2x ER25	0.5-16mm	20 Nm	6500/6500	1:1	CW:CCW	External	107446	112913
						Internal		

Internal coolant tools must not be run dry.

ER32 Angular Unit- Adjustable

Part #: **MZQT5-ER32-AD**

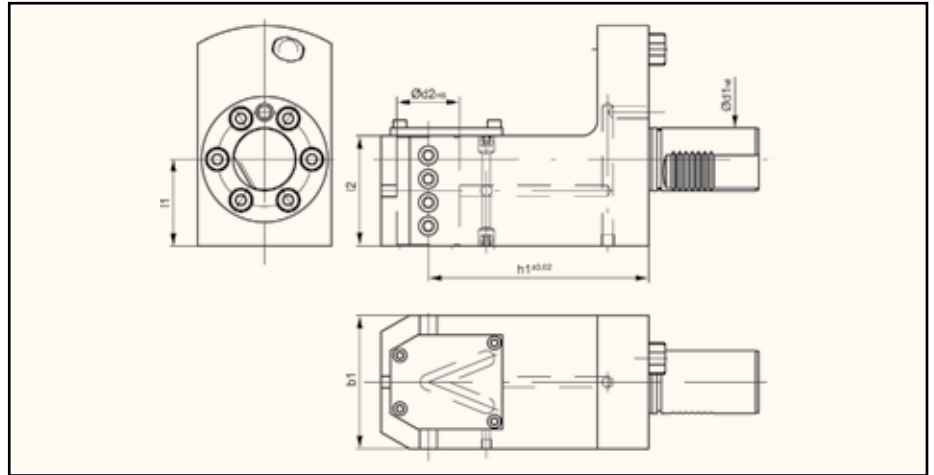


Collet Size	Clamping Range	Max. Torque	Input/Output RPM (Max.)	Gear Ratio	Input/Output Rotation	Coolant	Spindle Wrench	Nut Wrench
ER32	1-20 mm	35 Nm	5000 RPM	1:1	CW-CCW	External	107642	112900

Please refer to pages 41-44 for ER Series Collets and ER Tap Collet details. Wrenches not included with holder.

QTN300/350
& SQT28/30

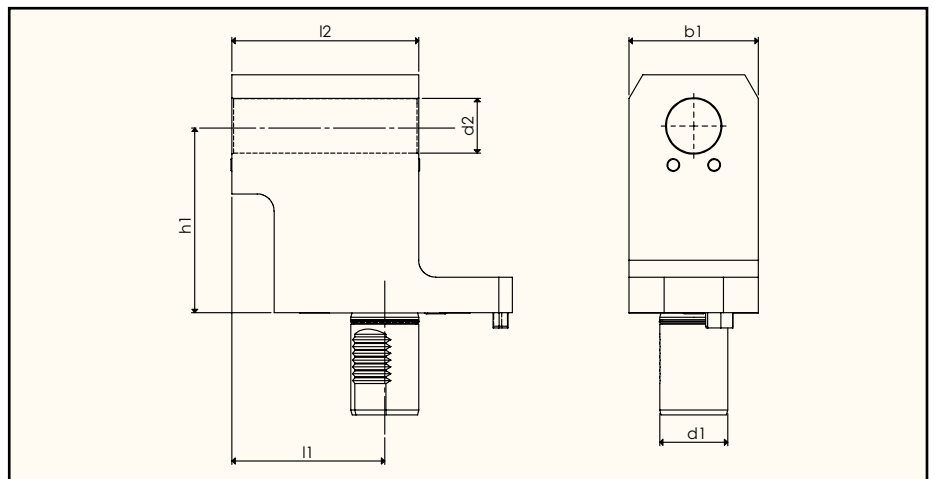
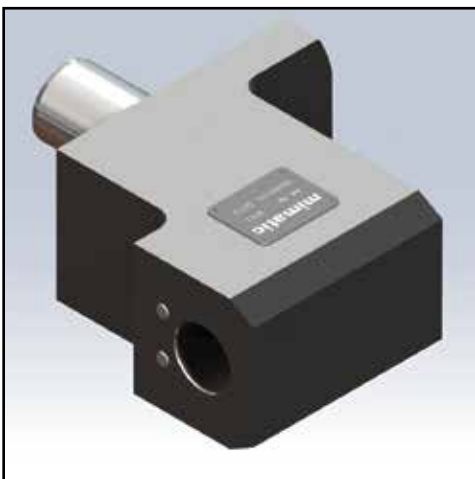
Combination Holder



Part Number	Size	d1	d2	l1	l2	b1	h1
MZQT5-BG12Z-C	VDI 50	1.969	1.25	2.480	3.543	3.622	6.890
MZQT5-BG15Z-C	VDI 50	1.969	1.50	2.559	3.937	3.937	6.890
MZQT5-BG20Z-C	VDI 50	1.969	2.00	2.559	3.937	3.937	6.890

Metric sizes available. Tool can be used for coolant kub drills. **Internal coolant tools must not be run dry.**

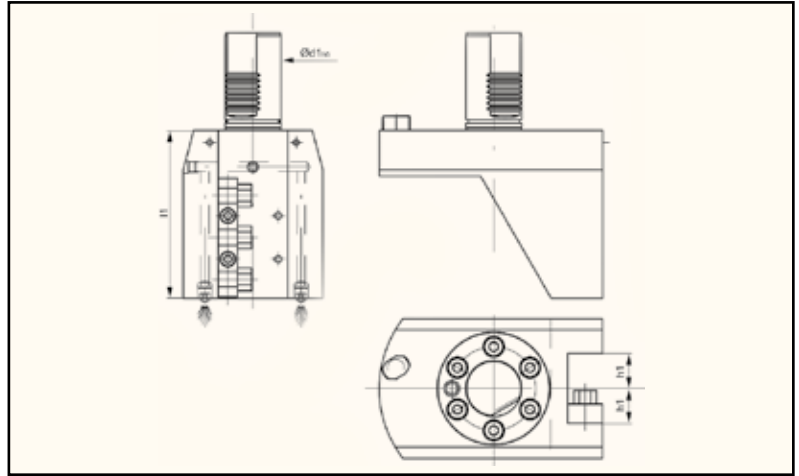
Combination Holder



Part Number	Size	d1	d2	l1	l2	b1	h1
MZQT5-BG15Z-MS-C	VDI 50	1.969	1.50	2.559	3.937	3.937	6.890

Metric sizes available. Tool can be used for coolant kub drills. **Internal coolant tools must not be run dry.**

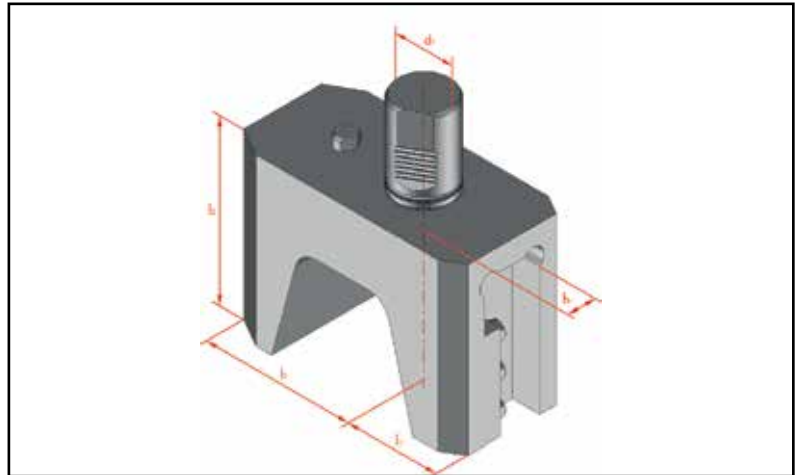
OD Turning Tool



Part Number	Size	d1	l1	h1
MZQT5-OD10X	VDI 50	1.969	5.906	1.00

Right hand and left hand reversible.

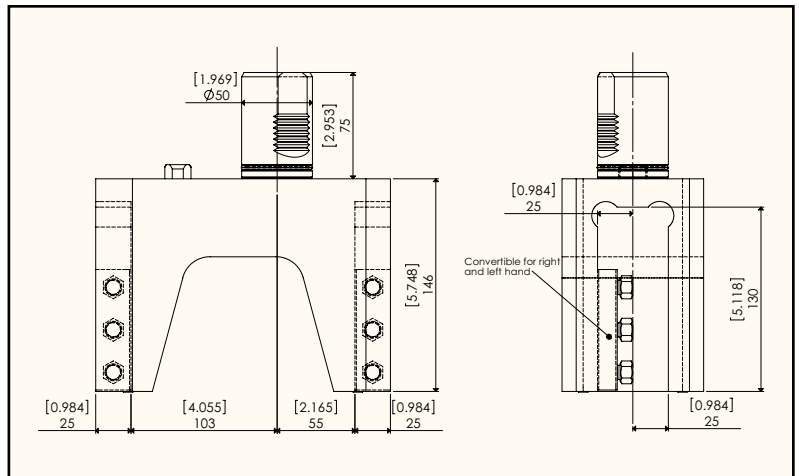
OD Turning Tool (dual output)



Part Number	Size	d1	l1	l2	b1	h1
MZQT5-OD10X-MS	VDI 50	1.969	1.811	5.748	2.953	1.00

Right hand and left hand reversible.

Face Turning Tool



Part Number	Size	d1	h2	l1	b1	b2	h1
MZQT5-ID10Z	VDI 50	1.969	3.858	6.417	2.244	4.724	1.00

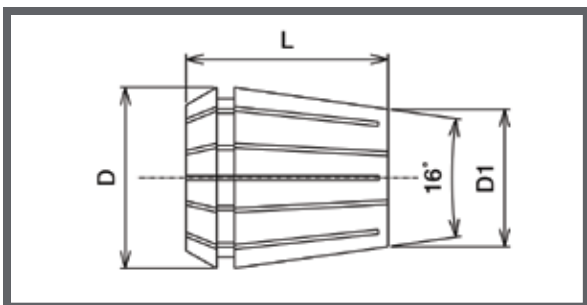
Right hand and left hand reversible.

STANDARD (INCH)

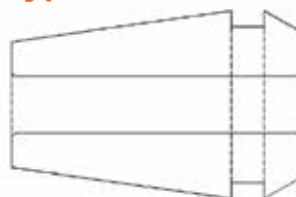
SIZE	ER16	ER20	ER25	ER32	ER40
1/32"	E16-002	-	-	-	-
1/16"	E16-004	E20-004	E25-004	-	-
3/32"	E16-006	E20-006	E25-006	-	-
1/8"	E16-008	E20-008	E25-008	E32-008	-
5/32"	E16-010	E20-010	E25-010	E32-010	E40-010
3/16"	E16-012	E20-012	E25-012	E32-012	E40-012
7/32"	E16-014	E20-014	E25-014	E32-014	E40-014
1/4"	E16-016	E20-016	E25-016	E32-016	E40-016
9/32"	E16-018	E20-018	E25-018	E32-018	E40-018
5/16"	E16-020	E20-020	E25-020	E32-020	E40-020
11/32"	E16-022	E20-022	E25-022	E32-022	E40-022
3/8"	E16-024	E20-024	E25-024	E32-024	E40-024
13/32"	E16-026	E20-026	E25-026	E32-026	E40-026
7/16"	-	E20-028	E25-028	E32-028	E40-028
15/32"	-	E20-030	E25-030	E32-030	E40-030
1/2"	-	E20-032	E25-032	E32-032	E40-032
17/32"	-	-	E25-034	E32-034	E40-034
9/16"	-	-	E25-036	E32-036	E40-036
19/32"	-	-	E25-038	E32-038	E40-038
5/8"	-	-	E25-040	E32-040	E40-040
21/32"	-	-	-	E32-042	E40-042
11/16"	-	-	-	E32-044	E40-044
23/32"	-	-	-	E32-046	E40-046
3/4"	-	-	-	E32-048	E40-048
25/32"	-	-	-	E32-050	E40-050
13/16"	-	-	-	-	E40-052
27/32"	-	-	-	-	E40-054
7/8"	-	-	-	-	E40-056
29/32"	-	-	-	-	E40-058
15/16"	-	-	-	-	E40-060
31/32"	-	-	-	-	E40-062
1"	-	-	-	-	E40-064

STANDARD (METRIC)

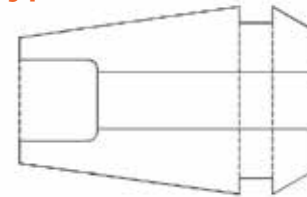
SIZE	ER16	ER20	ER25	ER32	ER40
1.0mm	E16-039	-	-	-	-
1.5mm	E16-059	-	-	-	-
2.0mm	E16-078	E20-078	E25-078	-	-
3.0mm	E16-118	E20-118	E25-118	E32-118	-
3.5mm	E16-137	E20-137	E25-137	E32-137	-
4.0mm	E16-157	E20-157	E25-157	E32-157	E40-157
5.0mm	E16-196	E20-196	E25-196	E32-196	E40-196
6.0mm	E16-236	E20-236	E25-236	E32-236	E40-236
7.0mm	E16-275	E20-275	E25-275	E32-275	E40-275
8.0mm	E16-314	E20-314	E25-314	E32-314	E40-314
9.0mm	E16-354	E20-354	E25-354	E32-354	E40-354
10.0mm	E16-393	E20-393	E25-393	E32-393	E40-393
11.0mm	-	E20-433	E25-433	E32-433	E40-433
11.5mm	-	E20-452	E25-452	E32-452	E40-452
12.0mm	-	E20-472	E25-472	E32-472	E40-472
13.0mm	-	E20-511	E25-511	E32-511	E40-511
14.0mm	-	-	E25-551	E32-551	E40-551
15.0mm	-	-	E25-590	E32-590	E40-590
16.0mm	-	-	E25-629	E32-629	E40-629
17.0mm	-	-	-	E32-669	E40-669
18.0mm	-	-	-	E32-708	E40-708
19.0mm	-	-	-	E32-748	E40-748
19.5mm	-	-	-	E32-767	E40-767
20.0mm	-	-	-	E32-787	E40-787
21.0mm	-	-	-	-	E40-826
22.0mm	-	-	-	-	E40-866
23.0mm	-	-	-	-	E40-905
24.0mm	-	-	-	-	E40-944
25.0mm	-	-	-	-	E40-984
26.0mm	-	-	-	-	E40-1023



ER Standard type Collet



ER Counter-Bored type collet



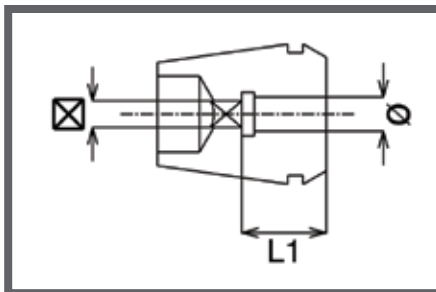
Style	D	D1	L	Collet Range	Coolant Collet Size Range	Nut Tightening Torque	
						Standard collet	Counter-bored collet
ER16	17.2mm	11.3mm	27.0mm	0.5 - 10.0mm	4.0 - 10.0mm (3/16" - 17/64")	30 - 37 ft-lbs	18 - 22 ft-lbs
ER20	21.2mm	14.5mm	31.0mm	1.0 - 13.0mm	5.0 - 13.0mm (5/32" - 1/2")	60 - 74 ft-lbs	42 - 52 ft-lbs
ER25	26.2mm	18.5mm	35.0mm	1.0 - 16.0mm	6.0 - 16.0mm (7/32" - 5/8")	77 - 96 ft-lbs	54 - 67 ft-lbs
ER32	33.2mm	24.4mm	40.0mm	2.0 - 20.0mm	10.0 - 20.0mm (1/4" - 25/32")	100 - 125 ft-lbs	77 - 96 ft-lbs
ER40	41.2mm	31.2mm	46.0mm	3.0 - 26.0mm	10.0 - 26.0mm (1/4" - 1 1/32")	125 - 157 ft-lbs	130 - 162 ft-lbs

COOLANT (INCH)

SIZE	ER16	ER20	ER25	ER32	ER40
3/32"	E16-006(C)	-	-	-	-
7/64"	E16-007(C)	-	-	-	-
1/8"	E16-008(C)	-	-	-	-
9/64"	E16-009(C)	-	-	-	-
5/32"	E16-010(C)	E20-010(C)	-	-	-
11/64"	E16-011(C)	E20-011(C)	-	-	-
3/16"	E16-012(C)	E20-012(C)	-	-	-
13/64"	E16-013(C)	E20-013(C)	-	-	-
7/32"	E16-014(C)	E20-014(C)	E25-014(C)	-	-
15/64"	E16-015(C)	E20-015(C)	E25-015(C)	-	-
1/4"	E16-016(C)	E20-016(C)	E25-016(C)	E32-016(C)	-
17/64"	E16-017(C)	E20-017(C)	E25-017(C)	E32-017(C)	-
9/32"	E16-018(C)	E20-018(C)	E25-018(C)	E32-018(C)	-
19/64"	E16-019(C)	E20-019(C)	E25-019(C)	E32-019(C)	-
5/16"	E16-020(C)	E20-020(C)	E25-020(C)	E32-020(C)	E40-020(C)
21/64"	E16-021(C)	E20-021(C)	E25-021(C)	E32-021(C)	-
11/32"	E16-022(C)	E20-022(C)	E25-022(C)	E32-022(C)	-
23/64"	E16-023(C)	E20-023(C)	E25-023(C)	E32-023(C)	-
3/8"	E16-024(C)	E20-024(C)	E25-024(C)	E32-024(C)	E40-024(C)
25/64"	E16-025(C)	E20-025(C)	E25-025(C)	E32-025(C)	-
13/32"	E16-026(C)	E20-026(C)	E25-026(C)	E32-026(C)	-
27/64"	-	E20-027(C)	E25-027(C)	E32-027(C)	-
7/16"	-	E20-028(C)	E25-028(C)	E32-028(C)	E40-028(C)
29/64"	-	E20-029(C)	E25-029(C)	E32-029(C)	-
15/32"	-	E20-030(C)	E25-030(C)	E32-030(C)	-
31/64"	-	E20-031(C)	E25-031(C)	E32-031(C)	-
1/2"	-	E20-032(C)	E25-032(C)	E32-032(C)	E40-032(C)
33/64"	-	-	E25-033(C)	E32-033(C)	-
17/32"	-	-	E25-034(C)	E32-034(C)	-
35/64"	-	-	E25-035(C)	E32-035(C)	-
9/16"	-	-	E25-036(C)	E32-036(C)	E40-036(C)
37/64"	-	-	E25-037(C)	E32-037(C)	-
19/32"	-	-	E25-038(C)	E32-038(C)	-
39/64"	-	-	E25-039(C)	E32-039(C)	-
5/8"	-	-	E25-040(C)	E32-040(C)	E40-040(C)
41/64"	-	-	-	E32-041(C)	-
21/32"	-	-	-	E32-042(C)	-
43/64"	-	-	-	E32-043(C)	-
11/16"	-	-	-	E32-044(C)	-
45/64"	-	-	-	E32-045(C)	-
23/32"	-	-	-	E32-046(C)	-
47/64"	-	-	-	E32-047(C)	-
3/4"	-	-	-	E32-048(C)	-
49/64"	-	-	-	E32-049(C)	-
25/32"	-	-	-	E32-050(C)	-

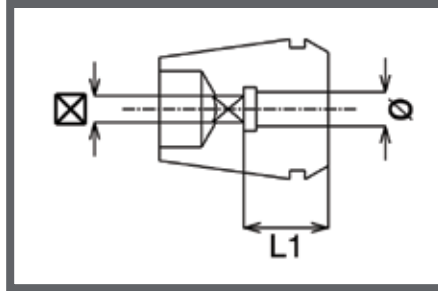
COOLANT (METRIC)

SIZE	ER16	ER20	ER25	ER32	ER40
4.0mm	E16-157(C)	-	-	-	-
4.5mm	E16-177(C)	-	-	-	-
5.0mm	E16-196(C)	E20-196(C)	-	-	-
5.5mm	E16-216(C)	E20-216(C)	-	-	-
6.0mm	E16-236(C)	E20-236(C)	E25-236(C)	-	-
6.5mm	E16-255(C)	E20-255(C)	E25-255(C)	-	-
7.0mm	E16-275(C)	E20-275(C)	E25-275(C)	-	-
7.5mm	E16-295(C)	E20-295(C)	E25-295(C)	-	-
8.0mm	E16-314(C)	E20-314(C)	E25-314(C)	-	-
8.5mm	E16-334(C)	E20-334(C)	E25-334(C)	-	-
9.0mm	E16-354(C)	E20-354(C)	E25-354(C)	-	-
9.5mm	E16-374(C)	E20-374(C)	E25-374(C)	-	-
10.0mm	E16-393(C)	E20-393(C)	E25-393(C)	E32-393(C)	E40-393(C)
10.5mm	-	E20-413(C)	E25-413(C)	E32-413(C)	E40-413(C)
11.0mm	-	E20-433(C)	E25-433(C)	E32-433(C)	E40-433(C)
11.5mm	-	E20-452(C)	E25-452(C)	E32-452(C)	E40-452(C)
12.0mm	-	E20-472(C)	E25-472(C)	E32-472(C)	E40-472(C)
12.5mm	-	E20-492(C)	E25-492(C)	E32-492(C)	E40-492(C)
13.0mm	-	E20-511(C)	E25-511(C)	E32-511(C)	E40-511(C)
13.5mm	-	-	E25-531(C)	E32-531(C)	E40-531(C)
14.0mm	-	-	E25-551(C)	E32-551(C)	E40-551(C)
14.5mm	-	-	E25-570(C)	E32-570(C)	E40-570(C)
15.0mm	-	-	E25-590(C)	E32-590(C)	E40-590(C)
15.5mm	-	-	E25-610(C)	E32-610(C)	E40-610(C)
16.0mm	-	-	E25-629(C)	E32-629(C)	E40-629(C)
16.5mm	-	-	-	E32-649(C)	E40-649(C)
17.0mm	-	-	-	E32-669(C)	E40-669(C)
17.5mm	-	-	-	E32-688(C)	E40-688(C)
18.0mm	-	-	-	E32-708(C)	E40-708(C)
18.5mm	-	-	-	E32-728(C)	E40-728(C)
19.0mm	-	-	-	E32-748(C)	E40-748(C)
19.5mm	-	-	-	E32-767(C)	E40-767(C)
20.0mm	-	-	-	E32-787(C)	E40-787(C)
20.5mm	-	-	-	-	E40-807(C)
21.0mm	-	-	-	-	E40-826(C)
21.5mm	-	-	-	-	E40-846(C)
22.0mm	-	-	-	-	E40-866(C)
22.5mm	-	-	-	-	E40-885(C)
23.0mm	-	-	-	-	E40-905(C)
23.5mm	-	-	-	-	E40-925(C)
24.0mm	-	-	-	-	E40-944(C)
24.5mm	-	-	-	-	E40-964(C)
25.0mm	-	-	-	-	E40-984(C)
25.5mm	-	-	-	-	E40-1003(C)
26.0mm	-	-	-	-	E40-1023(C)



ER Tap Collets feature a unique design that incorporates an internal square drive with our popular ER Series collets. The square drive matches the tap square, providing a tight fit for all rigid tapping applications.

PART NUMBER	TAP INCH SIZE	TAP METRIC SIZE	L1	Ø	⊠
ET16-168	#8, 5/32"	M4	15.0mm	0.168	0.131
ET16-194	#10, 3/16"	M4.5, M5	15.0mm	0.194	0.152
ET16-220	#12, 7/32"	-	15.0mm	0.220	0.165
ET16-255	#14, 1/4"	M6, M6.5	22.0mm	0.255	0.191
ET20-168	#8, 5/32"	M4	15.0mm	0.168	0.131
ET20-194	#10, 3/16"	M4.5, M5	15.0mm	0.194	0.152
ET20-220	#12, 7/32"	-	15.0mm	0.220	0.165
ET20-255	#14, 1/4"	M6, M6.5	20.0mm	0.255	0.191
ET20-318	5/16"	M7, M6.5	20.0mm	0.318	0.238
ET20-323	7/16"	-	20.0mm	0.323	0.242
ET20-367	1/2"	M12, M12.5	25.0mm	0.367	0.275
ET20-381	3/8"	M10	20.0mm	0.381	0.286
ET25-168	#8, 5/32"	M4	15.0mm	0.168	0.131
ET25-194	#10, 3/16"	M4.5, M5	15.0mm	0.194	0.152
ET25-220	#12, 7/32"	-	15.0mm	0.220	0.165
ET25-255	#14, 1/4"	M6, M6.5	20.0mm	0.255	0.191
ET25-318	5/16"	M7, M6.5	20.0mm	0.318	0.238
ET25-323	7/16"	-	20.0mm	0.323	0.242
ET25-367	1/2"	M12, M12.5	25.0mm	0.367	0.275
ET25-381	3/8"	M10	20.0mm	0.381	0.286
ET25-429	9/16"	M14	25.0mm	0.429	0.322
ET25-437	1/8" NPT(L)	-	18.0mm	0.437	0.328
ET25-480	5/8"	M16	25.0mm	0.480	0.360
ET32-168	#8, 5/32"	M4	15.0mm	0.168	0.131
ET32-194	#10, 3/16"	M4.5, M5	15.0mm	0.194	0.152
ET32-220	#12, 7/32"	-	15.0mm	0.220	0.165
ET32-255	#14, 1/4"	M6, M6.5	20.0mm	0.255	0.191
ET32-318	5/16"	M7, M6.5	20.0mm	0.318	0.238
ET32-323	7/16"	-	20.0mm	0.323	0.242
ET32-367	1/2"	M12, M12.5	25.0mm	0.367	0.275
ET32-381	3/8"	M10	20.0mm	0.381	0.286
ET32-429	9/16"	M14	25.0mm	0.429	0.322
ET32-437	1/8" NPT	-	18.0mm	0.437	0.328
ET32-480	5/8"	M16	25.0mm	0.480	0.360
ET32-542	11/16"	M18	30.0mm	0.542	0.406
ET32-562	1/4" NPT	-	18.0mm	0.562	0.421
ET32-590	3/4"	-	30.0mm	0.590	0.442
ET32-652	13/16"	M20	30.0mm	0.652	0.489
ET40-255	#14, 1/4"	M6, M6.5	25.0mm	0.255	0.191
ET40-318	5/16"	M7, M6.5	25.0mm	0.318	0.238
ET40-323	7/16"	-	25.0mm	0.323	0.242
ET40-367	1/2"	M12, M12.5	25.0mm	0.367	0.275
ET40-381	3/8"	M10	25.0mm	0.381	0.286
ET40-429	9/16"	M14	25.0mm	0.429	0.322
ET40-437	1/8" NPT	-	18.0mm	0.437	0.328
ET40-480	5/8"	M16	25.0mm	0.480	0.360
ET40-542	11/16"	M18	30.0mm	0.542	0.406
ET40-562	1/4" NPT	-	18.0mm	0.562	0.421
ET40-590	3/4"	-	30.0mm	0.590	0.442
ET40-652	13/16"	M20	30.0mm	0.652	0.489
ET40-687	1/2" NPT	-	18.0mm	0.687	0.515
ET40-697	7/8"	M22	30.0mm	0.697	0.523
ET40-700	3/8" NPT	-	18.0mm	0.70	0.531
ET40-760	15/16"	M24	35.0mm	0.76	0.570
ET40-800	1"	M25	35.0mm	0.80	0.600



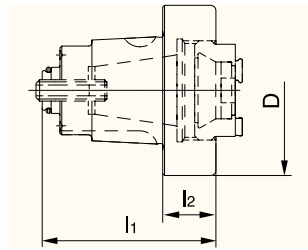
Lyndex-Nikken has now combined the versatility of our ER tapping collets with the popularity of our coolant collets to create our patented ER Coolant Tap Collets.

PART NUMBER	TAP INCH SIZE	TAP METRIC SIZE	L1	Ø	☒
ET16-255(C)	#14, 1/4"	M6, M6.5	18.0mm	0.255	0.191
ET16-318(C)	5/16"	M7, M6.5	18.0mm	0.318	0.238
ET20-255(C)	#14, 1/4"	M6, M6.5	18.0mm	0.255	0.191
ET20-318(C)	5/16"	M7, M6.5	18.0mm	0.318	0.238
ET20-323(C)	7/16"	-	18.0mm	0.323	0.242
ET20-367(C)	1/2"	M12, M12.5	18.0mm	0.367	0.275
ET20-381(C)	3/8"	M10	18.0mm	0.381	0.286
ET25-318(C)	5/16"	M7, M6.5	18.0mm	0.318	0.238
ET25-323(C)	7/16"	-	18.0mm	0.323	0.242
ET25-367(C)	1/2"	M12, M12.5	18.0mm	0.367	0.275
ET25-381(C)	3/8"	M10	18.0mm	0.381	0.286
ET25-429(C)	9/16"	M14	22.0mm	0.429	0.322
ET25-480(C)	5/8"	M16	25.0mm	0.48	0.36
ET32-255(C)	#14, 1/4"	M6, M6.5	25.0mm	0.255	0.191
ET32-318(C)	5/16"	M7, M6.5	18.0mm	0.318	0.238
ET32-323(C)	7/16"	-	18.0mm	0.323	0.242
ET32-367(C)	1/2"	M12, M12.5	18.0mm	0.367	0.275
ET32-381(C)	3/8"	M10	18.0mm	0.381	0.286
ET32-429(C)	9/16"	M14	22.0mm	0.429	0.322
ET32-480(C)	5/8"	M16	25.0mm	0.48	0.36
ET32-542(C)	11/16"	M18	25.0mm	0.542	0.406
ET32-590(C)	3/4"	-	25.0mm	0.59	0.442
ET32-652(C)	13/16"	M20	25.0mm	0.652	0.489
ET40-323(C)	7/16"	-	18.0mm	0.323	0.242
ET40-367(C)	1/2"	M12, M12.5	18.0mm	0.367	0.275
ET40-381(C)	3/8"	M10	18.0mm	0.381	0.286
ET40-429(C)	9/16"	M14	22.0mm	0.429	0.322
ET40-480(C)	5/8"	M16	25.0mm	0.48	0.36
ET40-542(C)	11/16"	M18	25.0mm	0.542	0.406
ET40-590(C)	3/4"	-	25.0mm	0.59	0.442
ET40-652(C)	13/16"	M20	25.0mm	0.652	0.489
ET40-697(C)	7/8"	M22	25.0mm	0.697	0.523
ET40-760(C)	15/16"	M24	25.0mm	0.76	0.57
ET40-800(C)	1"	M25	28.0mm	0.8	0.6

Note: Seals up to maximum coolant pressure of 1000 PSI.

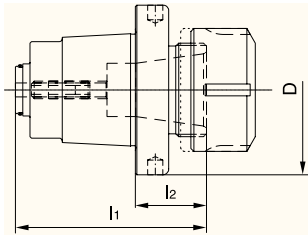
Collet Chuck DIN 6499- Type ER

Short type, clamping nut inside



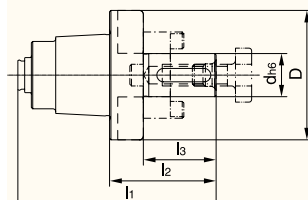
Part Number	Size	Collet	I1	I2	D
MI32-ER11	MI32	ER11	1.634"	0.591"	1.654"
MI32-ER16	MI32	ER16	1.634"	0.591"	1.654"
MI40-ER16	MI40	ER16	1.772"	0.433"	1.890"
MI40-ER20	MI40	ER20	1.929"	0.591"	1.890"
MI40-ER25	MI40	ER25	2.165"	0.827"	1.890"
MI50-ER25	MI50	ER25	2.165"	0.551"	2.283"
MI50-ER32	MI50	ER32	2.323"	0.709"	2.283"
MI63-ER32	MI63	ER32	2.480"	0.551"	2.953"
MI63-ER40	MI63	ER40	2.717"	0.787"	2.953"

Long type, clamping nut outside



Part Number	Size	Collet	I1	I2	D
MI32-ER11	MI32	ER11	2.461"	1.417"	1.654"
MI32-ER16	MI32	ER16	1.988"	0.945"	1.654"
MI40-ER16	MI40	ER16	2.283"	0.945"	1.890"
MI40-ER20	MI40	ER20	2.520"	1.181"	1.890"
MI50-ER25	MI50	ER25	2.571"	1.614"	2.283"
MI50-ER32	MI50	ER32	2.835"	1.850"	2.283"
MI63-ER32	MI63	ER32	3.150"	1.850"	2.953"
MI63-ER40	MI63	ER40	3.307"	0.791"	2.953"

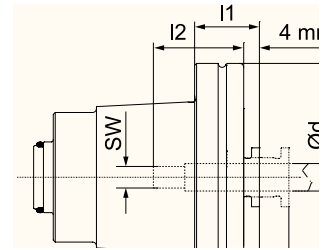
Combination Shell End mill Arbor



Part Number	Size	I1	I2	I3	d(h6)	D
MI32-SM16	MI32	2.598"	1.555"	1.063"	16mm (.630")	1.654"
MI40-SM16	MI40	2.894"	1.555"	0.984"	16mm (.630")	1.890"
MI50-SM16	MI50	3.228"	1.614"	1.063"	16mm (.630")	2.283"
MI50-SM22	MI50	3.465"	1.850"	1.220"	22mm (.866")	2.283"
MI50-SM3/4	MI50	3.150"	1.496"	1.260"	.750" (3/4")	2.283"
MI63-SM22	MI63	3.780"	1.850"	1.220"	22mm (.866")	2.953"
MI63-SM27	MI63	3.858"	1.929"	1.299"	27mm (1.063")	2.953"

SYNTAX® Tapping Quick Change Holder

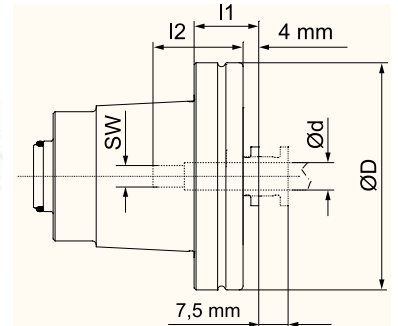
Without internal coolant,
with synchronization and length
compensation



Part Number	Size	I1	I2	d	D	SW
MI40-TAP3.5	MI40	0.669"	0.984"	3.5mm (.138")	1.890"	0.106"
MI40-TAP4.5	MI40	0.669"	0.984"	4.5mm (.177")	1.890"	0.134"
MI40-TAP6	MI40	0.669"	1.063"	6mm (.236")	1.890"	0.193"
MI40-TAP8	MI40	0.669"	1.063"	8mm (.315")	1.890"	0.244"
MI40-TAP9	MI40	1.496"	1.102"	9mm (.354")	1.890"	0.276"
MI40-TAP10	MI40	1.496"	1.142"	10mm (.394")	1.890"	0.315"
MI40-TAP12	MI40	1.496"	1.181"	12mm (.472")	1.890"	0.354"
MI50-TAP3.5	MI50	0.650"	0.984"	3.5mm (.138")	2.283"	0.106"
MI50-TAP4.5	MI50	0.650"	0.984"	4.5mm (.177")	2.283"	0.134"
MI50-TAP6	MI50	0.650"	1.063"	6mm (.236")	2.283"	0.193"
MI50-TAP8	MI50	0.650"	1.063"	8mm (.315")	2.283"	0.244"
MI50-TAP9	MI50	0.650"	1.102"	9mm (.354")	2.283"	0.276"
MI50-TAP10	MI50	0.650"	1.142"	10mm (.394")	2.283"	0.315"
MI50-TAP12	MI50	0.650"	1.181"	12mm (.472")	2.283"	0.354"
MI50-TAP16	MI50	1.732"	1.299"	16mm (.630")	2.283"	0.472"

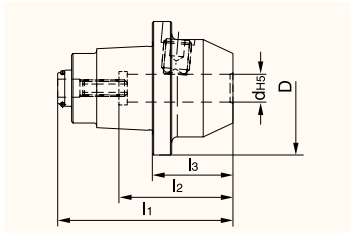
SYNTAX® Tapping Quick Change Holder

Without internal coolant,
with synchronization and length
compensation

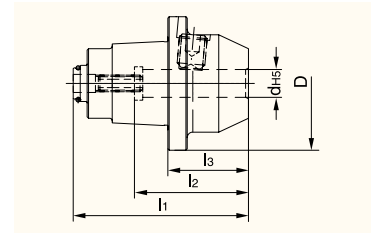


Part Number	Size	I1	I2	d	D	SW
MI40-TAP6C	MI40	0.669"	1.063"	6mm (.236")	1.890"	0.193"
MI40-TAP8C	MI40	0.669"	1.063"	8mm (.315")	1.890"	0.244"
MI40-TAP9C	MI40	1.496"	1.102"	9mm (.354")	1.890"	0.276"
MI40-TAP10C	MI40	1.496"	1.142"	10mm (.394")	1.890"	0.315"
MI40-TAP12C	MI40	1.496"	1.181"	12mm (.472")	1.890"	0.354"
MI50-TAP6C	MI50	0.650"	1.063"	6mm (.236")	2.283"	0.193"
MI50-TAP8C	MI50	0.650"	1.063"	8mm (.315")	2.283"	0.244"
MI50-TAP9C	MI50	0.650"	1.102"	9mm (.354")	2.283"	0.276"
MI50-TAP10C	MI50	0.650"	1.142"	10mm (.394")	2.283"	0.315"
MI50-TAP12C	MI50	0.650"	1.181"	12mm (.472")	2.283"	0.354"
MI50-TAP16C	MI50	1.732"	1.299"	16mm (.630")	2.283"	0.472"

Weldon Toolholder DIN 1835 B



Whistle Notch Toolholder DIN 1835 E



Part Number	Size	l1	l2	l3	d(h5)	D
MI32-EM6	MI32	2.067"	1.457"	1.024"	6	1.654"
MI32-EM8	MI32	2.067"	1.457"	1.024"	8	1.654"
MI32-EM10	MI32	2.185"	1.614"	1.142"	10	1.654"
MI32-EM12	MI32	2.264"	1.811"	1.220"	12	1.654"
MI32-EM1/4	MI32	2.067"	1.457"	1.024"	1/4"	1.654"
MI32-EM3/8	MI32	2.185"	1.614"	1.142"	3/8"	1.654"
MI32-EM1/2	MI32	2.264"	1.811"	1.220"	1/2"	1.654"
MI40-EM6	MI40	2.362"	1.457"	1.024"	6	1.890"
MI40-EM8	MI40	2.362"	1.457"	1.024"	8	1.890"
MI40-EM10	MI40	2.480"	1.614"	1.142"	10	1.890"
MI40-EM12	MI40	2.559"	1.811"	1.220"	12	1.890"
MI40-EM14	MI40	2.559"	1.811"	1.220"	14	1.890"
MI40-EM16	MI40	2.677"	1.929"	1.339"	16	1.890"
MI40-EM1/4	MI40	2.362"	1.457"	1.024"	1/4"	1.890"
MI40-EM3/8	MI40	2.480"	1.614"	1.142"	3/8"	1.890"
MI40-EM1/2	MI40	2.559"	1.811"	1.220"	1/2"	1.890"
MI40-EM5/8	MI40	2.677"	1.929"	1.339"	5/8"	1.890"
MI50-EM6	MI50	2.559"	1.457"	0.945"	6	2.283"
MI50-EM8	MI50	2.598"	1.614"	0.984"	8	2.283"
MI50-EM10	MI50	2.756"	1.811"	1.142"	10	2.283"
MI50-EM12	MI50	2.874"	1.929"	1.260"	12	2.283"
MI50-EM14	MI50	2.874"	1.457"	1.260"	14	2.283"
MI50-EM16	MI50	2.913"	1.614"	1.299"	16	2.283"
MI50-EM20	MI50	3.071"	1.811"	1.457"	20	2.283"
MI50-EM1/4	MI50	2.559"	1.457"	0.945"	1/4"	2.283"
MI50-EM3/8	MI50	1.575"	1.614"	1.142"	3/8"	2.283"
MI50-EM1/2	MI50	2.874"	1.811"	1.260"	1/2"	2.283"
MI50-EM5/8	MI50	2.953"	1.929"	1.339"	5/8"	2.283"
MI50-EM3/4	MI50	3.071"	2.008"	1.457"	3/4"	2.283"
MI63-EM6	MI63	3.189"	1.457"	1.457"	6	2.953"
MI63-EM8	MI63	3.228"	1.457"	1.457"	8	2.953"
MI63-EM10	MI63	3.346"	1.614"	1.417"	10	2.953"
MI63-EM12	MI63	3.484"	1.811"	1.535"	12	2.953"
MI63-EM14	MI63	3.484"	1.811"	1.535"	14	2.953"
MI63-EM16	MI63	3.583"	1.929"	1.654"	16	2.953"
MI63-EM20	MI63	3.661"	2.008"	1.732"	20	2.953"
MI63-EM25	MI63	4.331"	2.323"	2.402"	25	2.953"
MI63-EM1/4	MI63	3.189"	1.457"	1.260"	1/4"	2.953"
MI63-EM3/8	MI63	3.346"	1.614"	1.417"	3/8"	2.953"
MI63-EM1/2	MI63	3.484"	1.811"	1.555"	1/2"	2.953"
MI63-EM5/8	MI63	3.583"	1.929"	1.654"	5/8"	2.953"
MI63-EM3/4	MI63	3.661"	2.008"	1.732"	3/4"	2.953"
MI63-EM1	MI63	4.331"	2.323"	2.402"	1"	2.953"

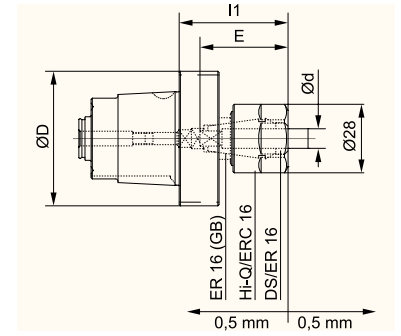
Part Number	Size	l1	l2	l3	d(h5)	D
MI32-EM6A	MI32	2.067"	1.417"	1.024"	6	1.654"
MI32-EM8A	MI32	2.067"	1.417"	1.024"	8	1.654"
MI32-EM10A	MI32	2.185"	1.575"	1.142"	10	1.654"
MI32-EM12A	MI32	2.264"	1.772"	1.220"	12	1.654"
MI32-EM1/4A	MI32	2.067"	1.417"	1.024"	1/4"	1.654"
MI32-EM3/8A	MI32	2.185"	1.575"	1.142"	3/8"	1.654"
MI32-EM1/2A	MI32	2.264"	1.772"	1.220"	1/2"	1.654"
MI40-EM6A	MI40	2.362"	1.417"	1.024"	6	1.890"
MI40-EM8A	MI40	2.362"	1.417"	1.024"	8	1.890"
MI40-EM10A	MI40	2.480"	1.575"	1.142"	10	1.890"
MI40-EM12A	MI40	2.559"	1.772"	1.220"	12	1.890"
MI40-EM14A	MI40	2.559"	1.772"	1.220"	14	1.890"
MI40-EM16A	MI40	2.677"	1.890"	1.339"	16	1.890"
MI40-EM1/4A	MI40	2.362"	1.417"	1.024"	1/4"	1.890"
MI40-EM3/8A	MI40	2.480"	1.575"	1.142"	3/8"	1.890"
MI40-EM1/2A	MI40	2.559"	1.772"	1.220"	1/2"	1.890"
MI40-EM5/8A	MI40	2.677"	1.890"	1.339"	5/8"	1.890"
MI50-EM6A	MI50	2.559"	1.417"	0.945"	6	2.283"
MI50-EM8A	MI50	2.598"	1.417"	0.984"	8	2.283"
MI50-EM10A	MI50	2.756"	1.575"	1.142"	10	2.283"
MI50-EM12A	MI50	2.874"	1.772"	1.260"	12	2.283"
MI50-EM14A	MI50	2.874"	1.772"	1.260"	14	2.283"
MI50-EM16A	MI50	2.972"	1.890"	1.358"	16	2.283"
MI50-EM20A	MI50	3.071"	1.969"	1.457"	20	2.283"
MI50-EM1/4A	MI50	2.559"	1.417"	0.945"	1/4"	2.283"
MI50-EM3/8A	MI50	2.756"	1.575"	1.142"	3/8"	2.283"
MI50-EM1/2A	MI50	2.874"	1.772"	1.260"	1/2"	2.283"
MI50-EM5/8A	MI50	2.953"	1.890"	1.339"	5/8"	2.283"
MI50-EM3/4A	MI50	3.071"	1.969"	1.457"	3/4"	2.283"
MI63-EM6A	MI63	3.189"	1.417"	1.260"	6	2.953"
MI63-EM8A	MI63	3.228"	1.417"	1.299"	8	2.953"
MI63-EM10A	MI63	3.346"	1.575"	1.417"	10	2.953"
MI63-EM12A	MI63	3.484"	1.772"	1.555"	12	2.953"
MI63-EM14A	MI63	3.484"	1.772"	1.555"	14	2.953"
MI63-EM16A	MI63	3.583"	1.890"	1.654"	16	2.953"
MI63-EM20A	MI63	3.661"	1.969"	1.732"	20	2.953"
MI63-EM25A	MI63	4.331"	2.205"	2.402"	25	2.953"
MI63-EM1/4A	MI63	3.189"	1.417"	1.260"	1/4"	2.953"
MI63-EM3/8A	MI63	3.346"	1.575"	1.417"	3/8"	2.953"
MI63-EM1/2A	MI63	3.484"	1.772"	1.555"	1/2"	2.953"
MI63-EM5/8A	MI63	3.583"	1.890"	1.654"	5/8"	2.953"
MI63-EM3/4A	MI63	3.661"	1.969"	1.732"	3/4"	2.953"
MI63-EM1A	MI63	4.331"	2.205"	2.402"	1"	2.953"

Quick Change AngleHeads™

Part Number	Description
MI50-STA-#6	#6 Synax Tap Adapter
MI50-STA-#8	#8 Synax Tap Adapter
MI50-STA-#10	#10 Synax Tap Adapter
MI50-STA-#12	#12 Synax Tap Adapter
MI50-STA-1/4	1/4 Synax Tap Adapter
MI50-STA-5/16	5/16 Synax Tap Adapter
MI50-STA-3/8	3/8 Synax Tap Adapter
MI50-STA-7/16	7/16 Synax Tap Adapter
MI50-STA-1/2	1/2 Synax Tap Adapter
MI50-STA-9/16	9/16 Synax Tap Adapter
MI50-STA-5/8	5/8 Synax Tap Adapter

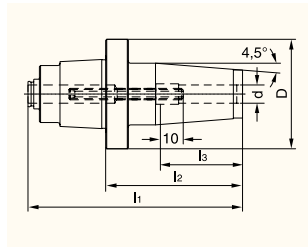
SYNTAX® Tapping Quick Change Holder

Without internal coolant,
with synchronization and length
compensation



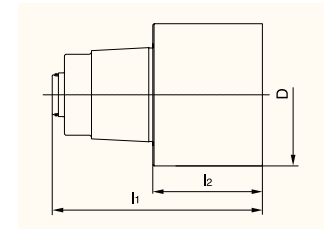
Part Number	Size	Collet	Thread	I1	I2	D
MI40-ER-GB16	MI40	ER-GB16	M4-M12	1.870"	.177-.394"	1.772"
MI50-ER-GB16	MI50	ER-GB16	M4-M12	1.752"	.177-.394"	1.969"

Shrink Fit chuck



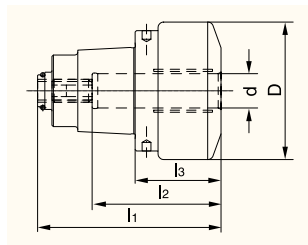
Part Number	Size	I1	I2	I3	d(h6)	D
MI40-SF8	MI40	3.701"	2.362"	1.417"	8mm (.315")	1.890"
MI40-SF10	MI40	3.701"	2.362"	1.654"	10mm (.394")	1.890"
MI40-SF12	MI40	3.898"	2.559"	1.850"	12mm (.472")	1.890"
MI40-SF16	MI40	4.094"	2.756"	1.969"	16mm (.630")	1.890"
MI50-SF8	MI50	3.976"	2.362"	1.417"	8mm (.315")	2.283"
MI50-SF10	MI50	3.976"	2.362"	1.654"	10mm (.394")	2.283"
MI50-SF12	MI50	4.137"	2.559"	1.850"	12mm (.472")	2.283"
MI50-SF14	MI50	4.137"	2.559"	1.850"	14mm (.551")	2.283"
MI50-SF16	MI50	4.370"	2.756"	1.969"	16mm (.630")	2.283"
MI50-SF18	MI50	4.567"	2.953"	1.969"	18mm (.709")	2.283"
MI50-SF20	MI50	4.567"	2.953"	2.047"	20mm (.787")	2.283"

Blank



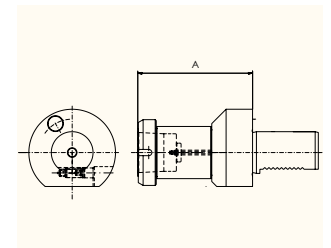
Part Number	Size	I1	I2	D
MI32-BLANK	MI32	3.012"	1.969"	1.654"
MI40-BLANK	MI40	3.701"	2.362"	1.890"
MI50-BLANK	MI50	4.370"	2.756"	2.283"
MI63-BLANK	MI63	5.079"	3.150"	2.953"

Hydraulic chuck



Part Number	Size	I1	I2	I3	d(h6)	D
MI40-HC12	MI40	2.520"	1.772"	1.181"	12mm (.472")	1.890"
MI50-HC20	MI50	2.795"	2.047"	1.181"	20mm (.787")	2.283"

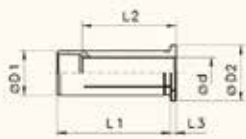
Tool Presetting Unit



Part Number	Size	VDI	A
MI40-PRESET-VDI40	MI40	2.520"	108mm
MI50-PRESET-VDI40	MI50	2.795"	110mm

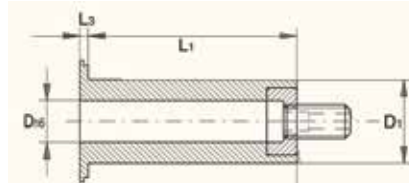
Accessories for Hydraulic Chucks

Sleeve



Part Number	D1	d(h6)	L1	L2	L3	D2
119790	0.472"	3	1.575"	1.142"	0.157"	0.630"
119793	0.472"	1/8	1.575"	1.142"	0.157"	0.630"
119797	0.472"	4	1.575"	1.142"	0.157"	0.630"
119798	0.472"	3/16"	1.575"	1.142"	0.157"	0.630"
119819	0.472"	5	1.575"	1.142"	0.157"	0.630"
119812	0.472"	6	1.575"	1.417"	0.157"	0.630"
119813	0.472"	1/4"	1.575"	1.417"	0.157"	0.630"
119791	0.472"	7	1.575"	1.457"	0.157"	0.630"
119799	0.472"	5/16"	1.575"	1.457"	0.157"	0.630"
119810	0.472"	8	1.575"	1.457"	0.157"	0.630"
119792	0.472"	9	1.575"	1.457"	0.157"	0.630"
119815	0.472"	3/8"	1.575"	1.575"	0.157"	0.630"
119814	0.472"	10	1.575"	1.575"	0.157"	0.630"
119816	0.787"	3	1.969"	1.102"	0.157"	0.984"
119823	0.787"	1/8"	1.969"	1.102"	0.157"	0.984"
119817	0.787"	4	1.969"	1.102"	0.157"	0.984"
119837	0.787"	3/16"	1.969"	1.102"	0.157"	0.984"
119800	0.787"	5	1.969"	1.102"	0.157"	0.984"
119801	0.787"	6	1.969"	1.417"	0.157"	0.984"
119822	0.787"	1/4"	1.969"	1.417"	0.157"	0.984"
119818	0.787"	7	1.969"	1.496"	0.157"	0.984"
119839	0.787"	5/16"	1.969"	1.457"	0.157"	0.984"
119820	0.787"	8	1.969"	1.457"	0.157"	0.984"
119802	0.787"	9	1.969"	1.496"	0.157"	0.984"
119838	0.787"	3/8"	1.969"	1.496"	0.157"	0.984"
119824	0.787"	10	1.969"	1.575"	0.157"	0.984"
119825	0.787"	11	1.969"	1.575"	0.157"	0.984"
119830	0.787"	7/16"	1.969"	1.772"	0.157"	0.984"
119826	0.787"	12	1.969"	1.772"	0.157"	0.984"
119821	0.787"	1/2"	1.969"	1.772"	0.157"	0.984"
119827	0.787"	14	1.969"	1.772"	0.157"	0.984"
119846	0.787"	9/16"	1.969"	1.772"	0.157"	0.984"
119829	0.787"	5/8"	1.969"	1.890"	0.157"	0.984"
119828	0.787"	16	1.969"	1.890"	0.157"	0.984"
119847	0.984"	3	2.205"	1.142"	0.157"	1.181"
119848	0.984"	4	2.205"	1.142"	0.157"	1.181"
119831	0.984"	5	2.205"	1.142"	0.157"	1.181"
119849	0.984"	6	2.205"	1.457"	0.157"	1.181"
119832	0.984"	7	2.205"	1.457"	0.157"	1.181"
119833	0.984"	8	2.205"	1.457"	0.157"	1.181"
119834	0.984"	9	2.205"	1.496"	0.157"	1.181"
119850	0.984"	10	2.205"	1.575"	0.157"	1.181"
119835	0.984"	12	2.205"	1.811"	0.157"	1.181"

Part Number	D1	d(h6)	L1	L2	L3	D2
119851	0.984"	14	2.205"	1.850"	0.157"	1.181"
119836	0.984"	16	2.205"	1.890"	0.157"	1.181"
119841	0.984"	18	2.205"	1.890"	0.157"	1.181"
119842	0.984"	20	2.205"	1.969"	0.157"	1.181"
119844	1.260"	6	2.362"	1.417"	0.157"	1.417"
119857	1.260"	1/4"	2.362"	1.417"	0.157"	1.417"
119845	1.260"	7	2.362"	1.457"	0.157"	1.417"
119879	1.260"	5/16"	2.362"	1.417"	0.157"	1.417"
119852	1.260"	8	2.362"	1.417"	0.157"	1.417"
119855	1.260"	9	2.362"	1.457"	0.157"	1.417"
119884	1.260"	3/8"	2.362"	1.457"	0.157"	1.417"
119864	1.260"	10	2.362"	1.575"	0.157"	1.417"
119853	1.260"	11	2.362"	1.575"	0.157"	1.417"
119858	1.260"	12	2.362"	1.772"	0.157"	1.417"
119856	1.260"	1/2"	2.362"	1.772"	0.157"	1.417"
119859	1.260"	3/16"	2.362"	1.772"	0.157"	1.417"
119865	1.260"	14	2.362"	1.811"	0.157"	1.417"
119854	1.260"	15/16"	2.362"	1.811"	0.157"	1.417"
119861	1.260"	5/8"	2.362"	1.811"	0.157"	1.417"
119866	1.260"	16	2.362"	1.890"	0.157"	1.417"
119870	1.260"	18	2.362"	1.929"	0.157"	1.417"
119878	1.260"	3/4"	2.362"	1.969"	0.157"	1.417"
119877	1.260"	20	2.362"	1.969"	0.157"	1.417"
119867	1.260"	25	2.362"	2.205"	0.157"	1.417"

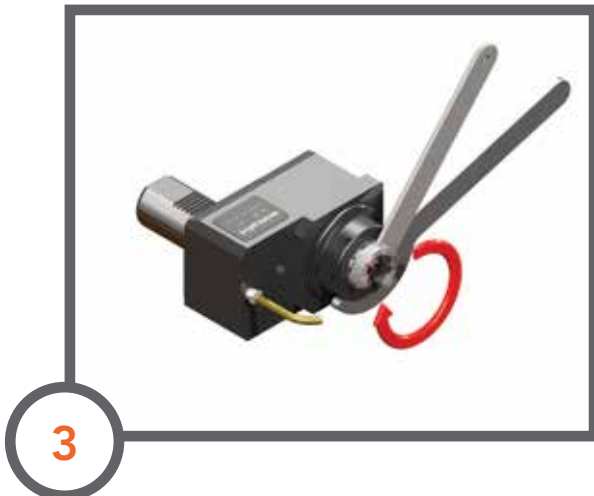
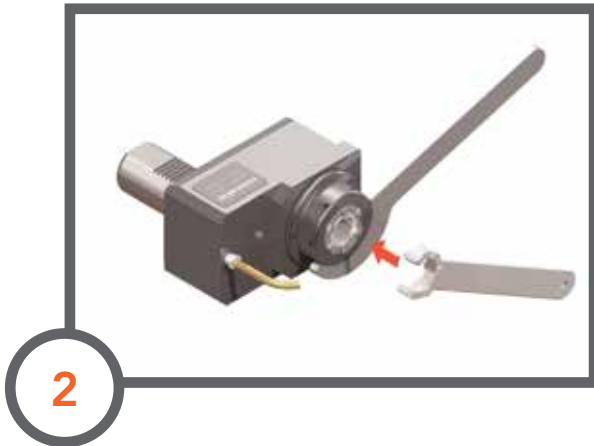
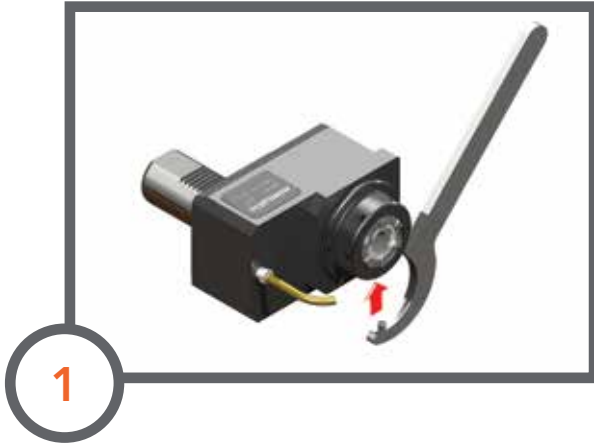


With horizontal adjustment

Part Number	D1	d(h6)	L1	L2	L3	D2
119909	0.787"	6	1.969"	2.047"	-	1.102"
119889	0.787"	8	1.969"	2.047"	-	1.102"
152696	0.787"	10	1.969"	2.047"	-	1.102"
119910	0.787"	12	1.969"	2.047"	-	1.102"
119901	0.787"	14	1.969"	2.047"	-	1.102"
119911	0.787"	16	1.969"	2.047"	-	1.102"
119892	0.787"	18	1.969"	2.047"	-	1.102"
119893	0.984"	10	2.205"	2.323"	-	1.260"
119912	0.984"	12	2.205"	2.323"	-	1.260"
119894	0.984"	14	2.205"	2.323"	-	1.260"
119895	0.984"	16	2.205"	2.323"	-	1.260"
167144	0.984"	18	2.205"	2.323"	-	1.260"
167045	0.984"	20	2.205"	2.323"	-	1.260"



Wrench Instructions



Service and Support

Lyndex-Nikken is dedicated to providing not only the highest quality of equipment, but also the highest quality of service and customer care. With over 60 years of experience, our service engineers are looking forward to supporting your needs beyond your expectations.

We fully stock all internal components to provide an expedited and cost-effective maintenance program and rebuild package for your live tooling. Managing a maintenance schedule for all your machine tool accessory components can be challenging, so we'll be glad to remind you when the time comes.

Warranty:

1 year warranty for internal components

2 year manufacturer warranty on external body

For any service request or inquiry, please contact our service department: (847) 367-4800



The TQW Torque Wrench is very accurate and easy-to-use, guaranteeing maximum accuracy and preventing tool over-tightening or breakage.

- Variable torque adjustable wrench
- Robust and durable
- Ergonomic grip
- Easy to read inch and metric scale
- Strong steel shaft is highly corrosion resistant
- Easy to set up and operation:
 - A. Set Wrenches to desired torque setting
 - B. Insert attachment
 - C. Torque down on collet nut until it clicks in place



A wide selection of attachments are available: ER, SK, TG, Pull Stud, Milling Chuck, Capto

Design and Construction



A "Push-Button Locking Device" securely locks the preset torque and prevents inadvertent adjustment.



Handle is shaped to provide a firm and ergonomic grip.

Collet Number	Part Number	Attachments (Type and Size)			Torque Wrench		Torque Wrench	
		Description	mm	Inch	lbs	Nm	Part Number	Description
ER8	TQW-ER08	Blank	Special Attachment- Call		4	6	TQW-025	"14X18, 25ft.lbs"
ER11	TQW-ER11(17)	Hex/OE	17	0.67	11	15		
ER16	TQW-ER16(32)	Hook	32 [+/-5mm]	1.25	40	54	TQW-150	"14X18, 150ft.lbs"
ER20	TQW-ER20(32)		32 [+/-5mm]	1.25	60	81		
ER25	TQW-ER25(43)		43 [+/-5mm]	1.69	75	102		
ER32	TQW-ER32(50)		50 [+/-5mm]	1.96	100	136		
ER40	TQW-ER40(63)		63 [+/-5mm]	2.48	125	169		
SK6	TQW-SK06(18)	Hex/OE	18	0.71	14	19	TQW-025	14X18, 25ft.lbs
SK10	TQW-SK10(1)		25.4	1.00	33-34	45-46	TQW-150	"14X18, 150ft.lbs"
SK16	TQW-SK16(43)	Hook	43 [+/-5mm]	1.69	55-62	74-84		
SK25	TQW-SK25(60)		60 [+/-5mm]	2.36	66-73	90-99		
TG75	TQW-TG075(50)	Hook	50 [+/-5mm]	1.96	55	75	TQW-150	"14X18, 150ft.lbs"
TG100	TQW-TG100(63)		63 [+/-5mm]	2.48	75	102		
TG150	TQW-TG150(82)		82 [+/-5mm]	3.22	100	136		
Pull Stud - 13mm	TQW-PS(13)	Hex/OE	13	0.51	14 ~ 18	19 to 25	TQW-025	14X18, 25ft.lbs
Pull Stud - 3/4" (19mm)	TQW-PS(19)		19	0.75	44 ~ 59	60 to 80	TQW-150	"14X18, 150ft.lbs"
Pull Stud - 30mm	TQW-PS(30)		30	1.18	147 ~ 185	200 to 250		
Pull Stud - 1/1/4"	TQW-PS(32)		31.75	1.25	147 ~ 185	200 to 250		
Milling Chuck - 3/4"	TQW-C3/4(50)	Hook	50 [+/-5mm]	1.96	19 to 24	26-32	TQW-150	"14X18, 150ft.lbs"
Milling Chuck - 1"	TQW-C1(60)		60 [+/-5mm]	2.36	27 to 31	36-42		
Milling Chuck - 1.1/4"	TQW-C1.1/4(72)		72 [+/-5mm]	2.83	48 to 59	65-80		
CAPTO C3	TQW-CAPTO3(8)	Hex	8	0.31	26	35	TQW-150	"14X18, 150ft.lbs"
CAPTO C4	TQW-CAPTO4(10)		10	0.39	37	50		
CAPTO C5	TQW-CAPTO5(12)		12	0.47	52	70		



CNC Rotary Tables

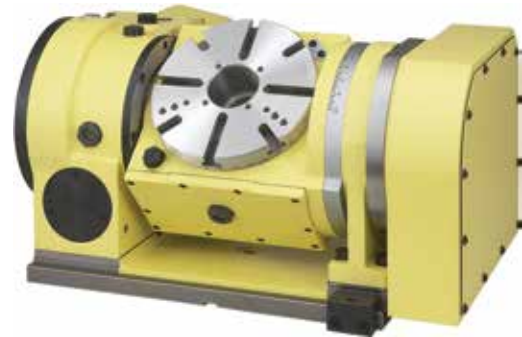
We offer a complete line of extremely accurate Nikken Rotary Tables. Featuring patented hardened assemblies, they retain their precision for years. Please call Lyndex-Nikken for more information: (847) 367-4800



Installation Service

Lyndex-Nikken regional managers will assist you with product selection, integration and installation, guaranteeing complete customer satisfaction. Installation service includes drive, cable, table installation, parameter changes and documentation. Call Lyndex-Nikken for more information: (847) 367-4800

U.S. Patent 5385424 (Brake System)



Angle Heads

Lyndex-Nikken advanced products are innovatively designed to tackle the most complex and demanding applications. They guarantee a runout within 3 micron at 4 times the diameter beyond collet nut.



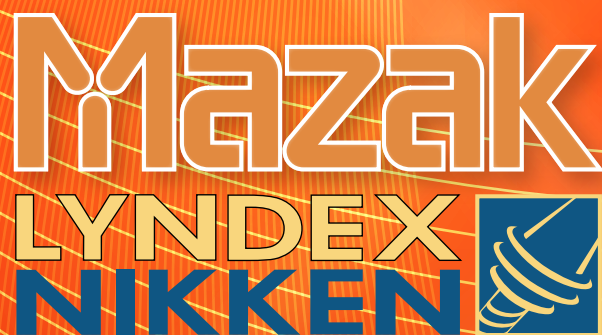
Angle Heads

Our large range of Angle Heads are designed to easily and effectively upgrade your machine tool capabilities by eliminating additional set ups.

Units are equipped with 4340 ground gear and ground shaft components, high precision spindle bearings (P4 quality) and cast iron bodies for vibration dampening. Each tool also features high torque capabilities for aggressive milling and drilling.

Visit www.lyndexnikken.com to learn more about our complete line of Angle Heads, or call (847) 367-4800.





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Mundelein, IL 60060**

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JANUARY 2015**