

Mazak

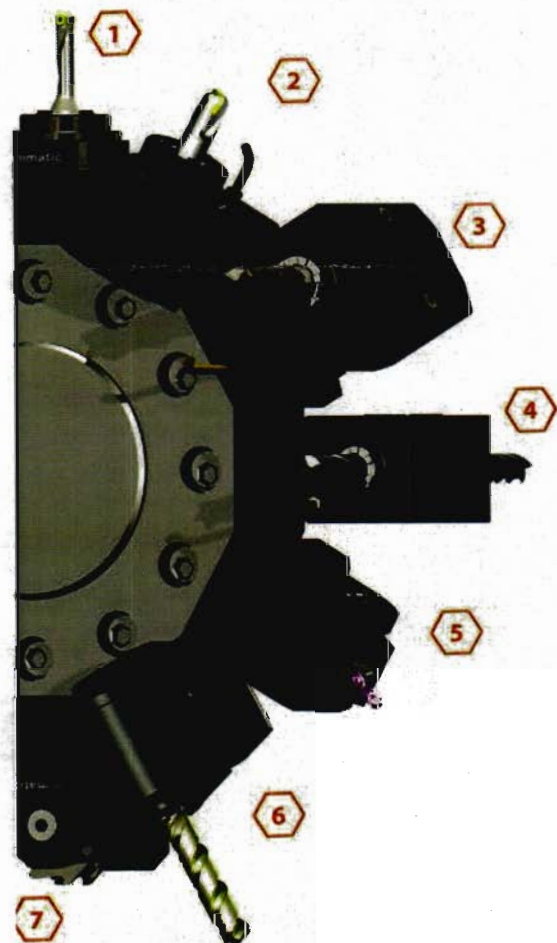
Live Tooling for Mazak QTN and Multiplex Series

QTN100/200/250/300/350

SQT100, 15/18, 28/30

Multiplex 610/6100/620/6200/630/6300

Hyper Quadrex 150/200



STRAIGHT TYPE

Available in ER32 and MI50 Quick Change
1000 PSI Coolant Thru Capable
High Torque of 80 Nm/ 6500 RPM max

1



OFFSET TYPE

Available in ER25, ER32 and MI50 Quick Change
1000 PSI Coolant Thru Capable
High Torque of 50 Nm/ 13k RPM speeder type available

2



90 DEGREE TYPE

Available in ER25, ER32 and MI50 Quick Change
1000 PSI Coolant Thru Capable
High Torque of 50 Nm/13k RPM speeder type available

3



DUAL OUTPUT 90 DEGREE TYPE

Available in ER25, ER32 and MI50 Quick Change
1000 PSI Coolant Thru Capable
High Torque of 50 Nm/ 6500 RPM max

4



ADJUSTABLE ANGLE TYPE

Available in ER16
Wide 100 degree max range motion
15,000 RPM speeder type available

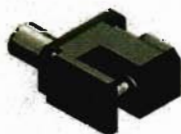
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Y-AXIS ADJUSTABLE TYPE

Available in ER25 and MI40 Quick Change
+/-90 degree pivot capability on VDI centerline
High Torque of 25Nm/ 6500 RPM max

6



SAW BLADE HOLDER TYPE

Available in metric and inch arbors
Excellent for multi-stacked saw blade applications
Reduced gear ratio for higher torque

7

Gears for Stability

- Hand matched gears to minimize backlash
- Custom Ground Spiral Bevel Gears to maximize torque output
- Placement of ABEC 7 bearings based on FEA analysis balances stress output evenly throughout assembly

Protective Sealing System

- Labyrinth Seal provides a high pressure multi-barrier construction that prevents contaminants and coolant from entering the main chamber.

QTN 100 100-II
& SQT 100

QTN 200 250
& SQT 15 18

QTN 300 350
& SQT 28 30

Multiplex 610 6100
& HQ-150

Multiplex 620 6200
& HQ-200

Multiplex 630 6300

Lyndex-Nikken Part Number

Output	Coolant	Speed	Lyndex-Nikken Part Number			
STRAIGHT OFFSET UNIT						
	ER25	6500rpm 13000rpm	MZQ146-ER25X-OFF-HS MZQ146-ER25X-OFF-HSC	MZQ147-ER25X-OFF	MZMP46-ER25X-OFF-C MZMP46-ER25X-OFF-HS	MZMP47-ER25X-OFF-HS MZMP47-ER25X-OFF-HSC
	ER32	6500rpm 6300rpm	MZQ146-ER32X-OFF-C MZQ146-ER32X-OFF-C	MZQ147-ER32X-OFF	MZMP46-ER32X-OFF-C MZMP46-ER32X-OFF-C	MZMP47-ER32X-OFF MZMP47-ER32X-OFF-C
	ER40	6500rpm	MZQ146-ER40X-OFF-HSC	MZQ147-ER40X-OFF	MZMP46-ER40X-OFF-C	MZMP47-ER40X-OFF-C
	M40	6500rpm	MZQ146-M150X-OFF-C	MZQ147-M150X-OFF-C	MZMP46-M150X-OFF-C	MZMP47-M150X-OFF-C
	M150	6500rpm	MZQ147-M150X-OFF-C	MZQ147-M150X-OFF	MZMP46-M150X-OFF	MZMP47-M150X-OFF
	M163 CAT40	6500rpm 3200rpm	MZQ147-M163X-OFF-C MZQ147-M163X-OFF-C	MZQ15-CT40X	MZMP46-M163X-OFF-C MZMP46-M163X-OFF-C	MZMP47-M163X-OFF-C MZMP47-M163X-OFF-C
90° ANGLE UNIT						
	ER32	6500rpm	MZQ146-ER32X-C	MZQ147-ER32X-C		
	ER25	6500rpm 13000rpm	MZQ146-ER25Z-C MZQ146-ER25Z-HS	MZQ147-ER25Z-HS	MZMP46-ER25Z-HS	MZMP47-ER25Z-HS
	ER32	6500rpm	MZQ146-ER32Z-HSC MZQ146-ER32Z	MZQ147-ER32Z-HSC MZQ147-ER32Z	MZMP46-ER32Z MZMP46-ER32Z-C	MZMP47-ER32Z MZMP47-ER32Z-C
	ER40	6500rpm	MZQ146-ER32Z-C	MZQ147-ER32Z-C		
	M40	6500rpm 13000rpm	MZQ146-M150Z-C MZQ146-M150Z	MZQ147-M150Z-C MZQ147-M150Z	170167 124915	MZMP47-M150Z-C
	M150 M163 CAT40	6500rpm 6500rpm 6500rpm	MZQ146-M150Z-C MZQ146-M150Z-C MZQ146-M163Z-C	MZQ147-M150Z-C MZQ147-M150Z-C MZQ147-M163Z-C	MZMP46-M150Z-C MZMP46-M150Z-C MZMP46-M163Z-C	MZMP47-M150Z-C MZMP47-M150Z-C MZMP47-M163Z-C
DUAL OUTPUT						
	ER25	6500rpm	MZQ146-ER25Z-MS	MZQ147-ER25Z-MS		
	ER32	6500rpm	MZQ146-ER32Z-MS-C	MZQ147-ER32Z-MS-C		
ANGLE ADJUSTABLE UNIT						
	ER16	6500rpm 15000rpm	MZQ146-ER16-AD MZQ146-ER16-AD-HS	MZQ147-ER16-AD MZQ147-ER16-AD-HS	MZMP46-ER16-AD MZMP46-ER16-AD-HS	MZMP47-ER16-AD MZMP47-ER16-AD-HS
	M40	6500rpm	MZQ146-ER25Y-AD	MZQ147-ER25Y-AD	MZMP46-ER25Y-AD	MZMP47-ER25Y-AD
Y ADJUSTABLE UNIT						
	ER25	6500rpm	MZQ146-ER25Y-AD	MZQ147-ER25Y-AD		
	ER25	6500rpm	MZQ146-ER25Y-AD	MZQ147-ER25Y-AD		
SAW BLADE HOLDER						
	16mm	2450rpm	MZQ146-SB16X	MZQ147-SB22X	MZMP46-SB22X	MZMP47-SB22X
	22mm	2450rpm	MZQ146-SB22X	MZQ147-SB22X		MZMP47-SB22X
	25mm	2450rpm	MZQ146-SB22X	MZQ147-SB22X-HT		MZMP47-SB22X-HT