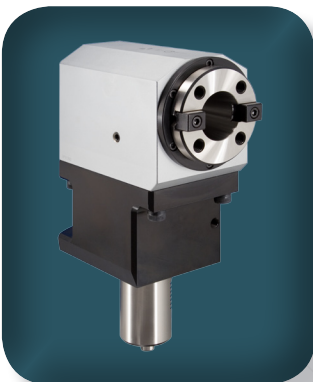




ALBERTI

LIVE TOOLS



DMG MORI
QUALIFIED PRODUCT!

DOOSAN
MACHINE TOOLS
AMERICA

FEELER

HWACHEON

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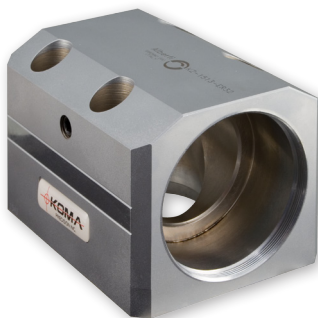
ALBERTI lathe tooling is designed to facilitate unmatched precision when machining parts with demanding complexity. **Over 250 types of standard live tools are available from stock.** With over 12,000 tools installed, **KOMA PRECISION** is the world's largest supplier for **ALBERTI** - the originator and the foremost innovator of productivity tooling.

Turn your CNC Lathe into an ultimate performance profit center with tooling from **ALBERTI** and **KOMA PRECISION**. Innovative design, passionate attention to detail, and state of the art production facilities result in unmatched precision at an affordable price.

DMG / Mori Seiki	Doosan	Feeler	Hwacheon	Hyundai Wia	Mazak	Nakamura	Okuma	Samsung
4	5	9	10	13	15	18	24	50

Alberti Tooling Build Features

Alberti GS 600 Cast Iron Tool Bodies



MATERIAL: GS 600 Spheroidal Cast Iron

GS 600 is the same cast iron as used for the beds of machine tools. GS 600 features a low percentage of carbon, and spheroids are added during casting to provide compact grain structure and enhance the mechanical features of the material.

GS 600 ADVANTAGES:

- High tensile strength - 60kg/mm² (40% higher than steel, twice that of aluminum).
- High compression strength (absorbs vibration).
- Low thermal expansion (maintains accuracy & bearing pre-loads).
- Excellent dimensional stability (maintains accuracy).

TOOL BODY FEATURES:

- Bodies are completely machined inside & outside contributing to uniform weight.
- Bearing housing surfaces are ground.
- Bodies are chromium plated with (2) precision-lapped surfaces parallel to the tool output spindle for accurate alignment.

Alberti: Gleason Gears



GEARING MATERIAL - ADJUSTABLE ANGLE TOOLS:
Aerospace/military grade steel with ultimate strength of 300 kg/mm².

GEARING MATERIAL - ALL OTHER MODELS:
Same steel as in the gears of Formula One race car transmissions with an ultimate strength of 190 kg/mm². (A "good" gear steel has an ultimate strength of 120 kg/mm².)

All bevel gears used are spiral Gleason gears, not spur gears. Gleason gears provide more than one tooth of engagement thereby creating optimized meshing of the teeth, greater power transmission, and reduced noise during operation. Gleason provides the following computerized data computation for each set of gears used in Alberti tools:

- Maximum pitch diameter.
- Ultimate strength of the material.
- Minimum & maximum RPM of the gears.

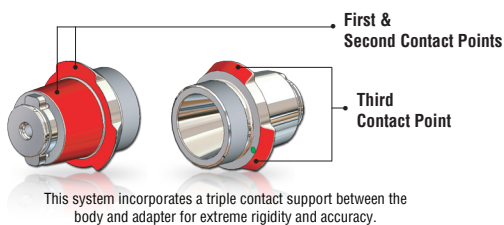
SmartChange System

New from Alberti, a complete range of live tools with interchangeable adapters for Okuma are now available in stock. The SmartChange System units have a standard profile with **no additional projection** to reduce the chance of interference with the machine's enclosures. Alberti's patent pending design creates **three points of contact** between the driven tool holder body and tool holder output surfaces so there is **no compromise in concentricity and rigidity** to gain the speed and convenience of quick-change tooling. With the SmartChange System one set of live tools can always stay in the machine with only the adapters needing to be changed. This provides **improved efficiency and flexibility**, plus a reduction in overall tooling costs.



QUICK • EASY • PRECISE

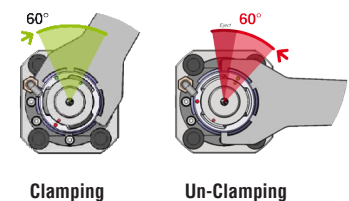
Triple Contact System



Low Profile



How It Works

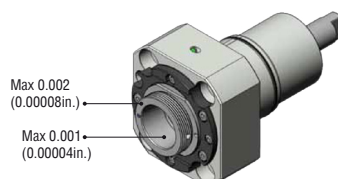


The patent pending Alberti SmartChange collet clamp & wrench system quickly and precisely locks the quick change adapter, reducing tool cutter changing time to a minimum.

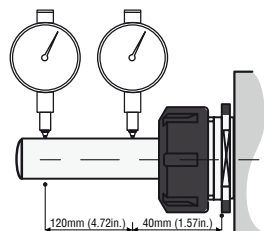
Highest Accuracy & Repeatability

Run-Out of the Collet Chuck with Adapter Mounted Repeatability	0.006 μ m
Adapter Change Time	20 seconds
Repeatability	0.003mm (0.0001 in.)

Run Out with SmartChange System



Accuracy with Gauge Bar Inserted in the Collet Chuck



Accuracy with Gauge Bar Inserted in the Collet Chuck

at 40mm = 0.008mm (1.57 in. = 0.0003 in.)
at 120mm = 0.01mm (4.72 in. = 0.0004 in.)

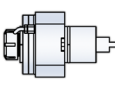
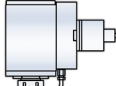
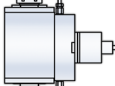
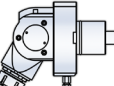
Large Selection of Adapters



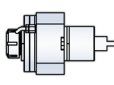
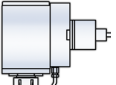
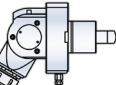
ER Collet Chuck

Weldon Output

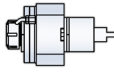
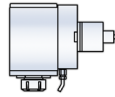
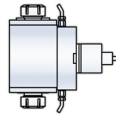
Shell Mill Output

 QUALIFIED PRODUCTS				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS	UNIVERSAL TOOLS
							
Lathe Model	NL 1500 NL 2000	Standard		MA-3.5	M90-3.5	M90-3.5 2U	MCU-3.5
				GH-44323-00	GH-44324-00	GH-44325-00	GH-44326-00
			Output	ER-32	ER-32	ER-32/32	ER-32
			Nm/ft.lbs.	-	45/33	45/33	20/15
			RPM	6,000	6,000	6,000	6,000
		Coolant Thru		MA-3.5 RI	M90-3.5 RI		
				GH-44617-00	GH-44621-00		
			Output	ER-32	ER-32		
			Nm/ft.lbs.	-	45/33		
			RPM	6,000	6,000		
	NL 2500 NL 3000	Standard		MA-4.5	M90-4.5	M90-4.5 2U	MCU-3.5
				GH-44327-00	GH-44328-00	GH-44329-00	GH-44326-00
			Output	ER-40	ER-40	ER-40/40	ER-32
			Nm/ft.lbs.	-	45/33	45/33	20/15
			RPM	6,000	6,000	6,000	6,000
		Coolant Thru		MA-4.5 RI	M90-4.5 RI		
				GH-44104-00	GH-44105-00		
			Output	ER-40	ER-40		
			Nm/ft.lbs.	-	45/33		
			RPM	6,000	6,000		

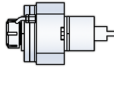
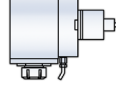
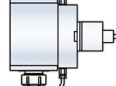
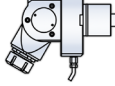
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

 QUALIFIED PRODUCTS				STRAIGHT TOOLS	90° TOOLS	UNIVERSAL TOOLS
						
Lathe Model	NZ 1500 NZ 2000	Standard		MA-2.5	M90-2.5	MCU-1.5
				GH-44741-00	GH-44743-00	GH-44745-00
			Output	ER-25	ER-25	ER-16
			Nm/ft.lbs.	-	25/18	16/11.8
			RPM	6,000	6,000	6,000
		Coolant Thru		MA-2.5 RI	M90-2.5 RI	
				GH-44742-00	GH-44744-00	
			Output	ER-25	ER-25	
			Nm/ft.lbs.	-	25/18	
			RPM	6,000	6,000	

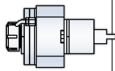
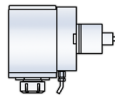
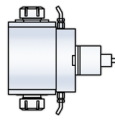
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

DOOSAN MACHINE TOOLS AMERICA BMT-55				STRAIGHT TOOLS 	90° TOOLS 	DUAL OUTPUT 90° TOOLS 
Lathe Model				GH-44941-00	GH-44943-00	GH-44945-00
	Lynx 300M	Standard				
	Puma 240MB		Output	ER-25	ER-25	ER-25
	Puma 240MC		Nm/ft.lbs.	-	25.1/18.5	25.1/18.5
	Puma 2100M		RPM	6,000	6,000	6,000
	Puma 2100MS	Coolant Thru		GH-44942-00	GH-44944-00	
	Puma 2100Y		Output	ER-25	ER-25	
	Puma 2100SY		Nm/ft.lbs.	-	25.1/18.5	
	Puma MX2100ST		RPM	6,000	6,000	
	Puma TL2500LM					
	Puma TT1500SY					
	Puma TT1800SY					

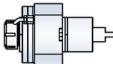
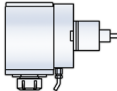
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

DOOSAN MACHINE TOOLS AMERICA BMT-65				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS	ADJUSTABLE TOOLS
							
Lathe Model				GH-45051-00	GH-45053-00	GH-45055-00	GH-45159-00
	Standard		Output	ER-32	ER-32	ER-32	ER-25
			Nm/ft.lbs.	-	45/33.2	45/33.2	45/33.2
			RPM	6,000	6,000	6,000	6,000
	Coolant Thru			GH-45052-00	GH-45054-00		
			Output	ER-32	ER-32		
			Nm/ft.lbs.	-	45/33.2		
			RPM	6,000	6,000		

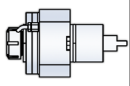
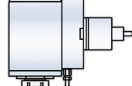
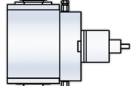
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

DOOSAN MACHINE TOOLS AMERICA BMT-75				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS
						
Lathe Model	Puma 400MB Puma 400MC Puma 400LMB Puma 400LMC Puma 480XLM Puma V550M PumaV550M-2SP	Standard		GH-44946-00	GH-44948-00	GH-44950-00
			Output	ER-40	ER-40	ER-40
			Nm/ft.lbs.	-	50/37	50/37
			RPM	6,000	6,000	6,000
		Coolant Thru		GH-44947-00	GH-44949-00	
			Output	ER-40	ER-40	
			Nm/ft.lbs.	-	50/37	
			RPM	6,000	6,000	

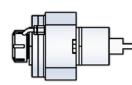
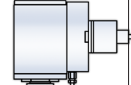
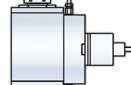
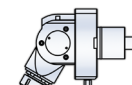
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

DOOSAN MACHINE TOOLS AMERICA BMT-85				STRAIGHT TOOLS	90° TOOLS
					
Lathe Model	Puma 700M	Standard		GH-44951-00	GH-44953-00
	Puma 700LM		Output	ER-50	ER-50
	Puma 700XLM		Nm/ft.lbs.	-	100/74
	Puma 700XLY		RPM	6,000	6,000
	Puma 800M	Coolant Thru		GH-44952-00	GH-44954-00
	Puma 800LM		Output	ER-50	ER-50
	Puma 800XLM		Nm/ft.lbs.	-	100/74
	Puma 800XLY		RPM	6,000	6,000
	Puma VT900M				
	Puma VT1100M				

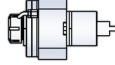
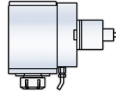
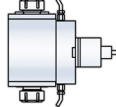
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS
BMT-60						
Lathe Model	HT30MC HT30Y HT30SY	Standard		AF-1510 GH-44323-00	AF-1513 GH-44324-00	AF-1513-2U GH-44325-00
			Output	ER-32	ER-32	ER-32
			Nm/ft.lbs.	-	45/33.2	45/33.2
			RPM	6,000	6,000	6,000
		Coolant Thru		AF-1510C GH-44617-00	AF-1513C GH-44621-00	
			Output	ER-32	ER-32	
			Nm/ft.lbs.	-	45/33.2	
			RPM	6,000	6,000	

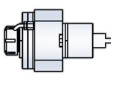
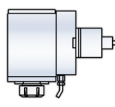
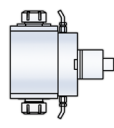
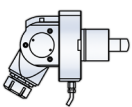
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS	ADJUSTABLE TOOLS
BMT-65							
Lathe Model	FT-200MC FT-250MC FT-350MC FT-350MCAL	Standard		AMF05000285 GH-44904-00	AMF05000286 GH-44905-00	AMF05000287 GH-44933-00	MCU-2.5 GH-45159-00
			Output	ER-32	ER-32	ER-32	ER-25
			Nm/ft.lbs.	-	45/33.2	45/33.2	45/33.2
			RPM	6,000	6,000	6,000	6,000
		Coolant Thru		AMF05000285C GH-44931-00	AMF05000286C GH-44932-00		
			Output	ER-32	ER-32		
			Nm/ft.lbs.	-	45/33.2		
			RPM	6,000	6,000		

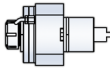
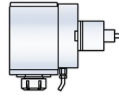
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS
						
BMT-55						
Lathe Model	CUTEX 160A CUTEX 160B	Standard		MA-2.5	M90-2.5	M90-2.5 2U
				GH-44941-00	GH-44943-00	GH-44945-00
			Output	ER-25	ER-25	ER-25
			Nm/ft.lbs.	-	25.1/18.5	25.1/18.5
			RPM	6,000	6,000	6,000
		Coolant Thru		MA-2.5 IC	M90-2.5 IC	
				GH-44942-00	GH-44944-00	
			Output	ER-25	ER-25	
			Nm/ft.lbs.	-	25.1/18.5	
			RPM	6,000	6,000	

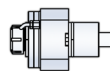
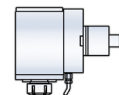
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS	ADJUSTABLE TOOLS
							
BMT-65							
Lathe Model	CUTEX 240A	Standard		MA-3.5	M90-3.5	M90-3.5 2U	MCU-2.5
	CUTEX 240B			GH-45051-00	GH-45053-00	GH-45055-00	GH-45159-00
	CUTEX 240C		Output	ER-32	ER-32	ER-32	ER-25
	HITECH 200A		Nm/ft.lbs.	-	45/33.2	45/33.2	45/33.2
	HITECH 200B	Coolant Thru	RPM	6,000	6,000	6,000	6,000
	HITECH 200C						
	HITECH 350A			MA-3.5 IC	M90-3.5 IC		
	HITECH 350B			GH-45052-00	GH-45054-00		
	HITECH 450A		Output	ER-32	ER-32		
	HITECH 450B		Nm/ft.lbs.	-	45/33.2		
	HITECH 450C		RPM	6,000	6,000		
	T2						
	VT 450						

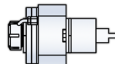
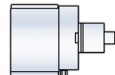
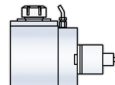
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

 BMT-75				STRAIGHT TOOLS	90° TOOLS
					
Lathe Model	HITECH 550A HITECH 550B HITECH 550BB VT 650	Standard		MA-4.5 GH-44946-00	M90-4.5 GH-44968-00
			Output	ER-40	ER-40
			Nm/ft.lbs.	-	50/37
			RPM	6,000	6,000
		Coolant Thru		MA-4.5 IC GH-44947-00	M90-4.5 IC GH-44949-00
			Output	ER-40	ER-40
			Nm/ft.lbs.	-	50/37
			RPM	6,000	6,000

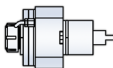
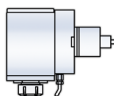
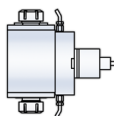
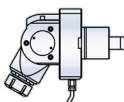
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

 BMT-85				STRAIGHT TOOLS	90° TOOLS
					
Lathe Model	HITECH 850 HITECH 850BB HITECH 850BB+ VT 950 VT 1050+	Standard		MA-5.0 GH-44951-00	M90-5.0 GH-44953-00
			Output	ER-50	ER-50
			Nm/ft.lbs.	-	100/74
			RPM	6,000	6,000
		Coolant Thru		MA-5.0 IC GH-44952-00	M90-5.0 IC GH-44954-00
			Output	ER-50	ER-50
			Nm/ft.lbs.	-	100/74
			RPM	6,000	6,000

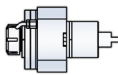
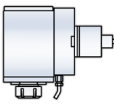
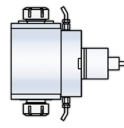
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

HYUNDAI WIA BMT-55				CROSS DRILL TOOLS	FACE DRILL TOOLS	DUAL OUTPUT FACE TOOLS
						
Lathe Model	L230LMSA LF1600M/2SP LF1800M/2SP LF2000M/2SP	Standard		GH-44941-00	GH-44943-00	GH-44945-00
			Output	ER-25	ER-25	ER-25
			Nm/ft.lbs.	-	25.1/18.5	25.1/18.5
			RPM	6,000	6,000	6,000
		Coolant Thru		GH-44942-00	GH-44944-00	
			Output	ER-25	ER-25	
			Nm/ft.lbs.	-	25.1/18.5	
			RPM	6,000	6,000	

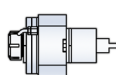
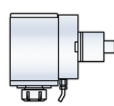
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

HYUNDAI WIA BMT-65			CROSS DRILL TOOLS				FACE DRILL TOOLS				DUAL OUTPUT FACE TOOLS				ADJUSTABLE TOOLS			
																		
Lathe Model	L300MA L300MSA L300LMA L300LMSA			Standard		GH-45051-00		GH-45053-00		GH-45055-00		GH-45159-00						
					Output	ER-32		ER-32		ER-32		ER-25						
					Nm/ft.lbs.	-		45/33.2		45/33.2		45/33.2						
					RPM	6,000		6,000		6,000		6,000						
						GH-45052-00		GH-45054-00										
	L300MC L300MSC L300LMC LF2500M/2SP			Coolant Thru		ER-32		ER-32										
					Output	ER-32		ER-32										
					Nm/ft.lbs.	-		45/33.2										
					RPM	6,000		6,000										

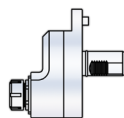
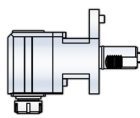
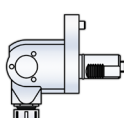
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

 BMT-75				CROSS DRILL TOOLS 	FACE DRILL TOOLS 	DUAL OUTPUT FACE TOOLS 
Lathe Model	L400MA L400MC L400LMC LV500RM LV500LM LV800RM LV800LM	Standard		GH-44946-00	GH-44948-00	GH-44950-00
			Output	ER-40	ER-40	ER-40
			Nm/ft.lbs.	-	50/37	50/37
			RPM	6,000	6,000	6,000
		Coolant Thru		GH-44947-00	GH-44949-00	
			Output	ER-40	ER-40	
			Nm/ft.lbs.	-	50/37	
			RPM	6,000	6,000	

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

 BMT-85				CROSS DRILL TOOLS 	FACE DRILL TOOLS 
Lathe Model	L600MA L600LMA L700MA L700LMA LV1100RM	Standard		GH-44951-00	GH-44953-00
			Output	ER-50	ER-50
			Nm/ft.lbs.	-	100/74
			RPM	6,000	6,000
		Coolant Thru		GH-44952-00	GH-44954-00
			Output	ER-50	ER-50
			Nm/ft.lbs.	-	100/74
			RPM	6,000	6,000

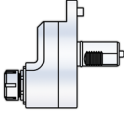
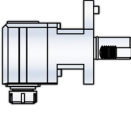
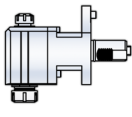
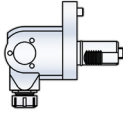
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS	UNIVERSAL TOOLS
						
Lathe Model	MULTIPLEX 6100 MULTIPLEX 610	Standard		MA-3.5 R GH-44794-00	M90-3.5 GH-44423-00	MCU-2.5 GH-44774-00
			Output	ER-32	ER-32	ER-25
			Nm/ft.lbs.	30/22	25/18	20/15
			RPM	6,000	6,000	6,000
		Coolant Thru		MA-3.5 RI GH-44792-00	M90-3.5 RI GH-44793-00	
			Output	ER-32	ER-32	
			Nm/ft.lbs.	30/22	25/18	
			RPM	6,000	6,000	
	MULTIPLEX 6200 MULTIPLEX 620	Standard		MA-3.5 R GH-44225-00	M90-3.5 GH-44272-00	MCU-2.5 GH-44094-00
			Output	ER-32	ER-32	ER-25
			Nm/ft.lbs.	30/22	25/18	20/15
			RPM	6,000	6,000	6,000
		Coolant Thru		MA-3.5 RI GH-44273-00	M90-3.5 RI GH-44227-00	
			Output	ER-32	ER-32	
			Nm/ft.lbs.	30/22	25/18	
			RPM	6,000	6,000	
		4:1 Speeder		MA-3.5 RE GH-44274-00	M90-3.5 E GH-44773-00	MCU-1.5 E GH-44440-00
			Output	ER-32	ER-32	ER-16
			Nm/ft.lbs.	15/11	15/11	15/11
			RPM	12,000	12,000	12,000
	MULTIPLEX 6300 MULTIPLEX 630	Standard		MA-5.0 R GH-44775-00	M90-5.0 GH-44776-00	MCU-3.5 GH-44779-00
			Output	ISO 40	ISO 40	ER-32
			Nm/ft.lbs.	75/55	75/55	32/25
			RPM	6,000	6,000	6,000
		Coolant Thru		MA-5.0 RI GH-44777-00	M90-5.0 RI GH-44778-00	
			Output	ISO 40	ISO 40	
			Nm/ft.lbs.	75/55	75/55	
			RPM	6,000	6,000	

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

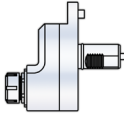
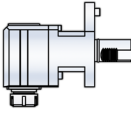
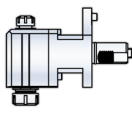
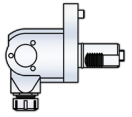
ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm

ER-32 = 1-20mm • ER-40 = 2-30mm

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS	UNIVERSAL TOOLS
							
Lathe Model	SQT 10 SQT 100 NEXUS QTN 100/150	Standard		MA-2.5 R	M90-2.5	M90-2.5 2U	MCU-2.5
				GH-44221-00	GH-44222-00	GH-44223-00	GH-44224-00
			Output	ER-25	ER-25	ER-25/16	ER-25
			Nm/ft.lbs.	30/22	25/18	25/18	20/15
			RPM	6,000	6,000	6,000	6,000
		Coolant Thru		MA-2.5 RI	M90-2.5 RI		
				GH-44282-00	GH-44284-00		
			Output	ER-25	ER-25		
			Nm/ft.lbs.	30/22	25/18		
			RPM	6,000	6,000		
		4:1 Speeder		MA-2.5 RE	M90-2.5 E		MCU-1.5 E
				GH-44285-00	GH-44280-00		GH-44780-00
			Output	ER-25	ER-25		ER-16
			Nm/ft.lbs.	15/11	15/11		15/11
			RPM	12,000	12,000		12,000

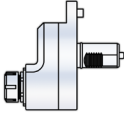
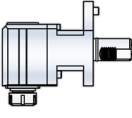
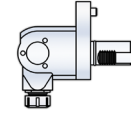
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS	UNIVERSAL TOOLS
							
Lathe Model	SQT 200/250 SQT 15/18 M NEXUS QTN 200/250	Standard		MA-3.5 R	M90-3.5	M90-3.5 2U	MCU-2.5
				GH-44184-00	GH-44186-00	GH-44277-00	GH-44093-00
			Output	ER-32	ER-32	ER-32/20	ER-25
			Nm/ft.lbs.	40/30	45/33	45/33	20/15
			RPM	6,000	6,000	6,000	6,000
		Coolant Thru		MA-3.5 RI	M90-3.5 RI		
				GH-44278-00	GH-44229-00		
			Output	ER-32	ER-32		
			Nm/ft.lbs.	40/30	45/33		
			RPM	6,000	6,000		
		4:1 Speeder		MA-3.5 RE	M90-3.5 E		MCU-1.5 E
				GH-44185-00	GH-44279-00		GH-44180-00
			Output	ER-32	ER-32		ER-16A
			Nm/ft.lbs.	30/22	30/22		6/4
			RPM	12,000	12,000		12,000

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

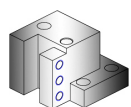
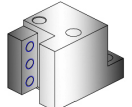
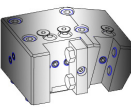
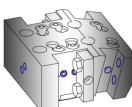
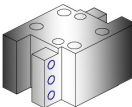
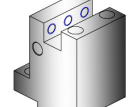
				STRAIGHT TOOLS	90° TOOLS	UNIVERSAL TOOLS
						
Lathe Model	SQT 28 NEXUS QTN 350/450	Standard		MA-5.0	M90-5.0	MCU-3.5
				GH-44454-00	GH-44455-00	GH-44568-00
			Output	ISO 40	ISO 40	ER-32
			Nm/ft.lbs.	75/55	75/55	32/25
			RPM	6,000	6,000	6,000
		Coolant Thru		MA-5.0 RI	M90-5.0 RI	
				GH-44613-00	GH-44614-00	
			Output	ISO 40	ISO 40	
			Nm/ft.lbs.	75/55	75/55	
			RPM	6,000	6,000	

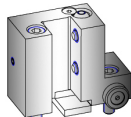
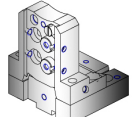
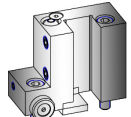
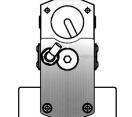
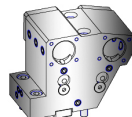
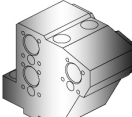
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm
ER-32 = 1-20mm • ER-40 = 2-30mm

				AXIAL DUAL OUTPUT	AXIAL TRIPLE OUTPUT	RADIAL DUAL OUTPUT
Lathe Model	WT-100 WY-100 SUPER NTY ³ NTJ-100 NTMX	Standard		MA-1.5 2U GH-44446-00	MA-1.5 3U GH-44447-00	M90-1.5 2U GH-44448-00
			Output	ER-16A	ER-16A	ER-16A
			Nm/ft.lbs.	15.6/11.5	15.6/11.5	15.6/11.5
			RPM	6,000	6,000	6,000
		Extended Length		MA-2.5 2U H75 GH-44986-00	MA-2.5 3U H75 GH-44987-00	M90-2.5 F 2U H75 GH-44984-00
			Output	ER-16A	ER-16A	ER-16A
			Nm/ft.lbs.	15.6/11.5	15.6/11.5	15.6/11.5
			RPM	6,000	6,000	6,000
		2:1 Speeder Extended Length				M90-2.5 FS 2U H75 GH-44985-00
			Output			ER-16A
			Nm/ft.lbs.			15.6/11.5
			RPM			6,000

6,000 RPM Maximum • ER-16A = 0.5-10mm

				3/4" FACE & O.D. CUTTING HOLDERS					
Lathe Model	WT-100 WY-100 SUPER NTY ³ NTJ-100 NTMX	Standard							
				A21411	A21421	A21490	A21478	A21417	A8425
				KH-21001-00	KH-21002-00	KH-21003-00	KH-21004-00	KH-21005-00	KH-21006-00

				3/4" CUT OFF HOLDER	1" CUT OFF HOLDER	3/4" CUT OFF HOLDER	1" COOLANT HOLDER	1" DOUBLE BAR HOLDER	3/4" TRIPLE BAR HOLDER
Lathe Model	WT-100 WY-100 SUPER NTY ³ NTJ-100 NTMX	Standard							
				A21431 KH-21007-00	A22074 KH-21008-00	A21441 KH-21009-00		A22412 KH-21011-00	A21491 KH-21012-00
		Coolant Thru					A22417 KH-21010-00		
			Price						

				CROSS DRILL TOOLS	OFFSET CROSS DRILL TOOLS	FACE DRILL TOOLS	DUAL OUTPUT FACE TOOLS	ADJUSTABLE ANGLE TOOLS
								
Lathe Model	WT-100 WY-100 SUPER NTJ ³ NTJ-100 NTMX	Standard		A26330		A26333	A26333-2U-WT100	AUAT 0.5
				GH-44586-00		GH-44587-00	GH-44772-00	GH-44639-00
			Output	ER-25A		ER-25A	ER-25A	ER-11
			Nm/ft.lbs.	-		25.1/18.5	25.1/18.5	10/7
			RPM	6,000		6,000	6,000	6,000
		Extended Length				A26333 H75	A26333 2U H75	
						GH-44980-00	GH-44983-00	
			Output			ER-25A	ER-25A	
			Nm/ft.lbs.			25.1/18.5	25.1/18.5	
			RPM			6,000	6,000	
		Coolant Thru		A26330C		A26333C		
				GH-44635-00		GH-44637-00		
			Output	ER-25A		ER-25A		
			Nm/ft.lbs.	-		25.1/18.5		
			RPM	6,000		6,000		
		Coolant Thru Extended Length				A26333C H75		
						GH-44981-00		
			Output			ER-25A		
			Nm/ft.lbs.			25.1/18.5		
			RPM			6,000		
		2:1 Speeder			A26330S	A26333S		
					GH-44636-00	GH-44638-00		
			Output		ER-16A	ER-16A		
			Nm/ft.lbs.		15.6/11.5	15.6/11.5		
			RPM		12,000	12,000		
		2:1 Speeder Extended Length				A26333S H75		
						GH-44982-00		
			Output			ER-16A		
			Nm/ft.lbs.			15.6/11.5		
			RPM			12,000		

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

				CROSS DRILL TOOLS	FACE DRILL TOOLS	DUAL OUTPUT FACE TOOLS	ADJUSTABLE ANGLE TOOLS	OFFSET FACE EXTENDED DRILL TOOLS	FACE DRILL EXTENDED TOOLS
									
Lathe Model TW-10 SC-150 WT-150 WT-150LB SUPER NTJ		Standard		KZ-1510 GH-41510-00	KZ-1513 GH-41513-00	KZ-1513 2U GH-44164-00	MCU1.5-TW10 GH-44132-00	KZ-1513 D GH-41513-21	KZ-1513 R75 GH-41513-19
			Output	ER-25	ER-25	ER-25	ER-16	ER-25	ER-25
			Nm/ft.lbs.	-	25.1/18.5	25.1/18.5	6.1/4.5	25.1/18.5	25/18
			RPM	6,000	6,000	6,000	6,000	6,000	6,000
				KZ-1510-ER32 GH-41510-03	KZ-1513-ER32 GH-41513-08			KZ-1513 D GH-41513-09	KZ-1513-2U-R75 GH-41513-23
			Output	ER-32	ER-32			ER-32	ER-25/25
			Nm/ft.lbs.	-	45/33.2			29.8/22	29/22
			RPM	6,000	6,000			6,000	6,000
		Coolant Thru		KZ-1510C GH-41510-01	KZ-1513C GH-41513-03			KZ-1513 DC GH-41513-04	
			Output	ER-25	ER-25			ER-25	
			Nm/ft.lbs.	-	25.1/18.5			25.1/18.5	
			RPM	6,000	6,000			6,000	
				KZ-1510C-ER32 GH-41510-06	KZ-1513C-ER32 GH-41513-12			KZ-1513 DC GH-41513-13	
			Output	ER-32	ER-32			ER-32	
			Nm/ft.lbs.	-	45/33.2			29.8/22	
			RPM	6,000	6,000			6,000	
		2:1 Speeder		KZ-1510S-2:1 GH-41510-08				KZ-1513 DS GH-41513-05	
			Output	ER-20A				ER-20A	
			Nm/ft.lbs.	15.6/11.5				15.6/11.5	
			RPM	12,000				12,000	
		Coolant Thru 2:1 Speeder						KZ-1513 DCS GH-41513-19	
			Output					ER-20	
			Nm/ft.lbs.					15.6/11.5	
			RPM					12,000	
		4:1 Speeder					MCU1.5-TW10S GH-44165-00		
			Output				ER-16		
			Nm/ft.lbs.				4/3		
			RPM				12,000		

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm
 * EXTENDED REACH - USED WITH "Y" AXIS (SEE TOOL DRAWING)
 ** DO NOT USE THIS TOOL WITH THE TW-10 MODEL.
 (SEE TOOL DRAWING)

LIVE TOOL PRICING



				CROSS DRILL TOOLS	FACE DRILL EXTENDED TOOLS	OFFSET FACE EXTENDED DRILL TOOLS	FACE DRILL TOOLS	DUAL OUTPUT FACE TOOLS	ADJUSTABLE ANGLE TOOLS
									
Lathe Model	AS-200 NTY ³ -250 SC-200 SC-250 WT-250 WTS-150 WTW-150 SUPER NTJX NTM ³	Standard		KZ-1510	KZ-1513 R75	KZ-1513 D	KZ-1513	KZ-1513 2U	MCU1.5-TW10
				GH-41510-00	GH-41513-18	GH-41513-21	GH-41513-00	GH-44164-00	GH-44132-00
			Output	ER-25	ER-25	ER-25	ER-25	ER-25	ER-16
			Nm/ft.lbs.	-	25/18	25.1/18.5	25.1/18.5	25.1/18.5	6.1/4.5
			RPM	6,000	6,000	6,000	6,000	6,000	6,000
				KZ-1510-ER32	KZ-1513-2U-R75	KZ-1513 D	KZ-1513-ER32		
				GH-41510-03	GH-41513-23	GH-41513-09	GH-41513-08		
			Output	ER-32	ER-25/25	ER-32	ER-32		
			Nm/ft.lbs.	-	29/22	29.8/22	45/33.2		
			RPM	6,000	6,000	6,000	6,000		
		Coolant Thru		KZ-1510C		KZ-1513 DC	KZ-1513C		
				GH-41510-01		GH-41513-04	GH-41513-03		
			Output	ER-25		ER-25	ER-25		
			Nm/ft.lbs.	-		25.1/18.5	25.1/18.5		
			RPM	6,000		6,000	6,000		
				KZ-1510C-ER32		KZ-1513 DC	KZ-1513C-ER32		
				GH-41510-06		GH-41513-13	GH-41513-12		
			Output	ER-32		ER-32	ER-32		
			Nm/ft.lbs.	-		29.8/22	45/33.2		
			RPM	6,000		6,000	6,000		
		2:1 Speeder		KZ-1510S-2:1		KZ-1513 DS			
				GH-41510-08		GH-41513-05			
			Output	ER-20A		ER-20A			
			Nm/ft.lbs.	15.6/11.5		15.6/11.5			
		Coolant Thru 2:1 Speeder				KZ-1513 DCS			
						GH-41513-19			
			Output			ER-20			
			Nm/ft.lbs.			15.6/11.5			
		4:1 Speeder							MCU1.5-TW10S
									GH-44165-00
			Output						ER-16
			Nm/ft.lbs.						4/3
			RPM						12,000

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

* WILL NOT REACH CENTER - (SEE TOOL DRAWING)

		CROSS DRILL TOOLS					FACE DRILL TOOLS	OFFSET FACE DRILL TOOLS	DUAL OUTPUT FACE TOOLS	ADJUSTABLE ANGLE TOOLS
										
Lathe Model TW-20 SC-300 WT-300 SUPER NTX SUPER NTXS	Standard		KR-2310	KR-2313	KR-2313 D	KR-2313 2U	MCU1.5-TW20			
			GH-44091-00	GH-44092-00	GH-42313-01	GH-42313-04	GH-44155-00			
		Output	ER-32	ER-32	ER-32	ER-32	ER-16			
		Nm/ft.lbs.	-	45/33.2	45/33.2	45/33.2	6.1/4.5			
	RPM	6,000	6,000	6,000	6,000	6,000				
	Coolant Thru		KR-2310 C	KR-2313 C	KR-2313 DC					
			GH-42310-01	GH-42313-03	GH-42313-05					
		Output	ER-32	ER-32	ER-32					
		Nm/ft.lbs.	-	45/33.2	45/33.2					
	RPM	6,000	6,000	6,000						
	2:1 Speeder		KR-2310 S		KR-2313 DS					
			GH-42310-04		GH-42313-07					
		Output	ER-25A		ER-25					
		Nm/ft.lbs.	30.1/22.2		25.1/18.5					
	RPM	12,000		12,000						
	Coolant Thru 2:1 Speeder				KR-2313 DCS					
					GH-42313-09					
		Output			ER-25					
		Nm/ft.lbs.			25.1/18.5					
	RPM			12,000						
4:1 Speeder						MCU1.5-TW20S				
						GH-44177-00				
	Output					ER-16				
	Nm/ft.lbs.					4/3				
RPM					12,000					

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

** DO NOT USE THIS TOOL WITH THE TW-20 MODEL.

(SEE TOOL DRAWING)

				CROSS DRILL TOOLS	FACE DRILL TOOLS	ADJUSTABLE ANGLE TOOLS
						
Lathe Model	TW-30 SC-450 STW-40 STS-40	Standard		KR-3510 GH-43510-01	KR-3513 GH-43513-01	MCU2.5-TW30 GH-44175-00
			Output	ER-40	ER-40	ER-25
			Nm/ft.lbs.	-	74.9/55.3	20.3/15
			RPM	6,000	6,000	6,000
		Coolant Thru		KR-3510 C GH-43510-02	KR-3513 C GH-43513-02	
			Output	ER-40	ER-40	
			Nm/ft.lbs.	-	74.9/55.3	
			RPM	6,000	6,000	

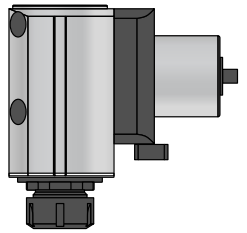
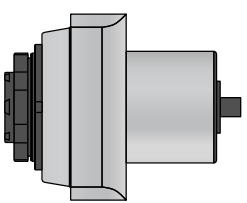
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm
ER-32 = 1-20mm • ER-40 = 2-30mm

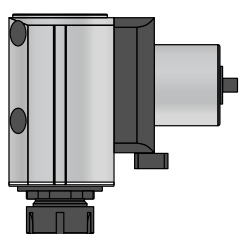
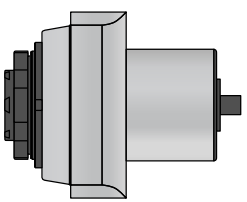
				CROSS DRILL TOOLS	FACE DRILL TOOLS	DUAL OUTPUT FACE TOOLS	ADJUSTABLE ANGLE TOOLS
							
Lathe Model	SUPER MILL WY250 WT150 SC200L NTY ³ JUMBO SUPER NTY ³	Standard		KG-4310 GH-44487-00	KG-4313 GH-44489-00	KG-4313 2U GH-44769-00	MCU-1.5 GH-44770-00
			Output	ER-32	ER-32	ER-32	ER-16
			Nm/ft.lbs.	-	45/33.2	45/33.2	6.1/4.5
			RPM	6,000	6,000	6,000	6,000
		Coolant Thru			KG-4313 GH-44768-00		
			Output		ER-32 / H=75		
			Nm/ft.lbs.		45/33.2		
			RPM		6,000		
		Coolant Thru		KG-4310 C GH-44488-00	KG-4313 C GH-44490-00		
			Output	ER-32	ER-32		
			Nm/ft.lbs.	-	45/33.2		
			RPM	6,000	6,000		

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

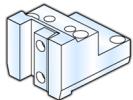
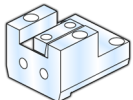
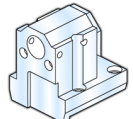
ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

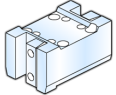
#1: LB2000M, LB2500M, LB3000M, LU3000M Lathes				
Reference Package #: GH-77102-00				
End Face Mill Units			 	
	Output	ER-32		
	Torque Nm/ft.lbs.	50/37		
	RPM	6,000		
	Coolant Pressure	-		
Side Face Mill Units			Package Includes: (2) End Face Mill Units (2) Side Face Mill Units (1) Standard Collet Wrench (1) Internal Collet Wrench* (2) Spindle Fixtures	
	Output	ER-32A*		
	Torque Nm/ft.lbs.	50/37		
	RPM	6,000		
	Coolant Pressure	-		

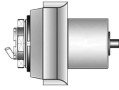
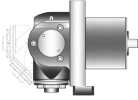
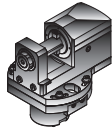
*Use the internal collet wrench with A-Series outputs

#2: LB2000M, LB2500M, LB3000M, LU3000M Lathes				
Reference Package #: GH-77110-00 IC Package				
End Face Mill Units			 	
	Output	ER-32		
	Torque Nm/ft.lbs.	50/37		
	RPM	6,000		
	Coolant Pressure	1000 psi		
Side Face Mill Units			Package Includes: (2) End Face Mill Units w/IC (2) Side Face Mill Units w/IC (1) Standard Collet Wrench (1) Internal Collet Wrench* (2) Spindle Fixtures	
	Output	ER-32A*		
	Torque Nm/ft.lbs.	50/37		
	RPM	6,000		
	Coolant Pressure	1000 psi		

*Use the internal collet wrench with A-Series outputs

#3: LB2000M/MY, LB2520M/MY, LB3000M/MY Lathes				
Reference Package #: GH-7715-00 Static Tool Package				
KH-20021-00				
	Standard	Tool Size	3/4" or 1"	
KH-20022-00				
	Standard	Tool Size	3/4" or 1"	Package Includes: (3) KH-20021-00 (1) KH-20022-00 (2) KH-20020-00 (6) Plugs
KH-20020-00				
	Standard	Tool Size	1 1/2" Bar	

#4: LB2000MYW, LB2500MYW, LB3000MYW Lathes				
Reference Package #: GH-7716-00 Static Tool Package				
KH-20020-00				
	Standard	Tool Size	1 1/2" Bar	
KH-20034-00				
	Standard	Tool Size	1" x 1"	
KH-20035-00				
	Standard	Tool Size	1" x 1"	Package Includes: (2) KH-20020-00 (3) KH-20034-00 (1) KH-20035-00 (1) KH-20036-00 (5) Plugs
KH-20036-00				
	Standard	Tool Size	1 1/2" Bar	

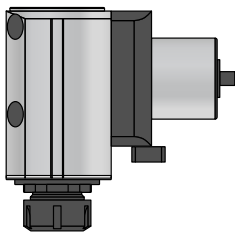
				STRAIGHT TOOLS	90° TOOLS	UNIVERSAL TOOLS	HOBGING HEAD
							
Lathe Model	SPACE TURN LB2000M LB2500M LB3000M LU3000M	Standard		MA-3.5	M90-3.5	MCU-1.5	
				GH-44492-00	GH-44496-00	GH-44500-00	GH-45063-00
			Output	ER-32A	ER-32	ER-16A	
			Nm/ft.lbs.	-	50/37	10/7.4	40/30
			RPM	6,000	6,000	6,000	4,500
		Coolant Thru		MA-3.5 RI	M90-3.5 RI		
				GH-44494-00	GH-44498-00		
			Output	ER-32A	ER-32		
			Nm/ft.lbs.	-	50/37		
			RPM	6,000	6,000		
		Speeder			M90-3.5		
					GH-45062-00		
			Price		\$6,500		
			Output		ER-20		
			Nm/ft.lbs.		30/22		
			RPM		12,000		
	SPACE TURN LB4000EX	Standard		MA-4.5	M90-4.5	MCU-1.5	
				GH-44493-00	GH-44497-00	GH-44501-00	GH-45064-00
			Output	ER-40	ER-40	20A	
			Nm/ft.lbs.	-	50/37	10/7.4	40/30
			RPM	6,000	6,000	6,000	4,500
		Coolant Thru		MA-4.5 RI	M90-4.5 RI		
				GH-44495-00	GH-44499-00		
			Output	ER-40	ER-40		
			Nm/ft.lbs.	-	50/37		
			RPM	6,000	6,000		

Coolant Pressure Straight Tools = 70 Bar/1000 PSI • Coolant Pressure 90° Tools = 70 Bar/1000 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm
 ER-32/ER-32A = 1-20mm • ER-40 = 2-30mm

#5: LB4000M Model Lathe

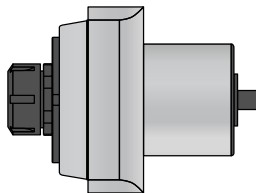
Reference Package #:
GH-77103-00


End Face Mill Units



Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-

Side Face Mill Units



Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-



Collet Wrench

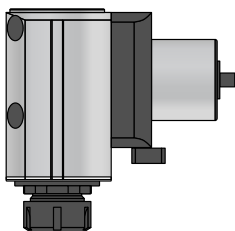
Package Includes:

- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

#6: LB4000M Model Lathe (with internal coolant)

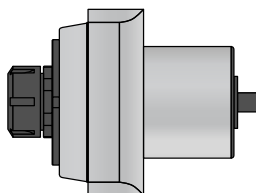
Reference Package #:
GH-77111-00 IC Package


End Face Mill Units



Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	1000 psi

Side Face Mill Units



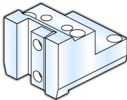
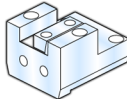
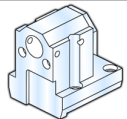
Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	1000 psi

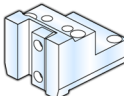
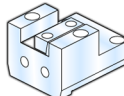
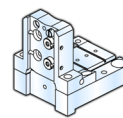
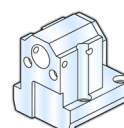
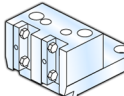
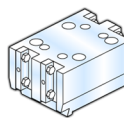


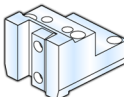
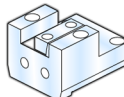
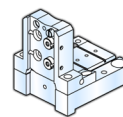
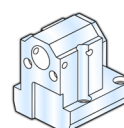
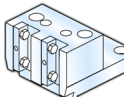
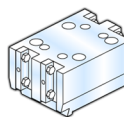
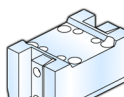
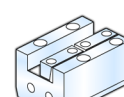
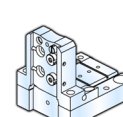
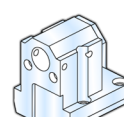
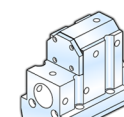
Collet Wrench

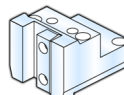
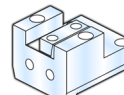
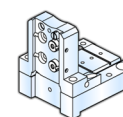
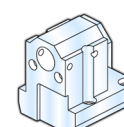
Package Includes:

- (2) End Face Mill Units w/IC
- (2) Side Face Mill Units w/IC
- (2) Wrenches
- (2) Spindle Fixtures

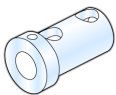
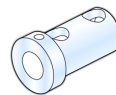
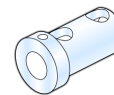
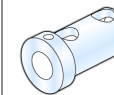
#7: LB4000M/MY Model Lathe				
Reference Package #: GH-77117-00 Static Tool Package				
KH-20041-00				
	Standard	Tool Size	1" x 1"	
KH-20042-00				
	Standard	Tool Size	1" x 1"	Package Includes: (3) KH-20041-00 (1) KH-20042-00 (2) KH-20040-00 (6) Plugs
KH-20040-00				
	Standard	Tool Size	1 1/2" Bar	

			1" FACE/O.D. HOLDER						1" FACE/I.D. HOLDER						1 1/4" CUT-OFF HOLDER						1 1/2" COMBI HOLDER						5/8" FACE/O.D. HOLDER						5/8" FACE/O.D. HOLDER						
																																							
Lathe Model	SPACE TURN LB2000EX LB2500EX	Standard		KH-20021-00						KH-20022-00						KH-20023-00						KH-20020-00						KH-20024-00						KH-20025-00					
			Tool Size	3/4" or 1"						3/4" or 1"						1 1/4"						1 1/2" Bar*						5/8"x 5/8"						5/8"x 5/8"					

			1" FACE/O.D. HOLDER		1" FACE/I.D. HOLDER		1 1/4" CUT-OFF HOLDER		1 1/2" COMBI HOLDER		5/8" FACE/O.D. HOLDER		5/8" FACE/O.D. HOLDER	
														
Lathe Model	SPACE TURN LB3000EX	Standard	Tool Size	KH-20021-00	KH-20022-00	KH-20023-00	KH-20020-00	KH-20024-00	KH-20025-00					
				3/4" or 1"	3/4" or 1"	1 1/4"	1 1/2" Bar*	5/8" x 5/8"	5/8" x 5/8"					
		Standard		1" FACE/O.D. HOLDER	1" FACE/I.D. HOLDER	1 1/4" CUT-OFF HOLDER	1 1/2" COMBI HOLDER	1 1/2" DOUBLE COMBI HOLDER						
														
				KH-20034-00	KH-20035-00	KH-20023-00	KH-20020-00	KH-20036-00						
	Tool Size	1" x 1"	1" x 1"	1 1/4"	1 1/2" Bar*	1 1/2" Bar*								

			1" FACE/O.D. HOLDER				1" FACE/I.D. HOLDER				1¼" CUT-OFF HOLDER				1½" COMBI HOLDER				
																			
Lathe Model	SPACE TURN LB4000EX	Standard	KH-20041-00				KH-20042-00				KH-20043-00				KH-20040-00				
			Tool Size				1" x 1"				1" x 1"				1¼"				1½" Bar*

ACCESSORIES: BORING BAR SLEEVES*

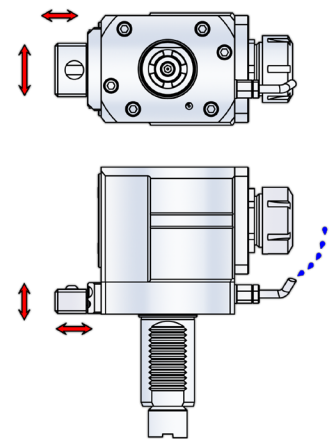
			
GP-56395-00	GP-56396-00	GP-56397-00	GP-56398-00
1/2"	3/4"	1"	1 1/4"

As a member of Partners in THINC, KOMA Precision is able to seamlessly integrate our tooling products with Okuma One Source technologies. KOMA tooling products are available for demonstration at the 57,000 square foot Partners in THINC facility in Charlotte, NC. KOMA sales and engineering resources are also resident at the Partners in THINC facility.



The Alberti *E-Z* Alignment Blocks

Alberti E-Z adjustable alignment blocks simplify precise tool alignment on limited access turrets. An alignment block is standard on 90° and universal angle tools.

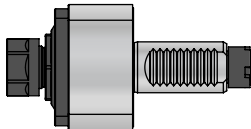


#8: GENOS L200, ESL-8 Model Lathes



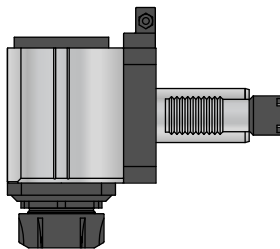
Reference Package #:
GH-77100-00

End Face Mill Units



Output	ER-25
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	-

Side Face Mill Units



Output	ER-25
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	-



Collet Wrench

Package Includes:

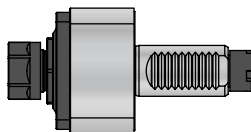
- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

#9: GENOS L200, ESL-8 Model Lathes



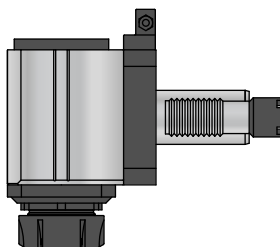
Reference Package #:
GH-77112-00 IC Package

End Face Mill Units



Output	ER-25
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	145

Side Face Mill Units



Output	ER-25
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	1,000



Collet Wrench

Package Includes:

- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

				STRAIGHT TOOLS	90° TOOLS	90° OFFSET TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	GENOS L200 ES-L8II LB-200M LR-10M LB-10IIM LB-10M	Standard		MA-2.5 GH-44313-00	M90-2.5 GH-44312-00	M90-2.5 D GH-44527-00	MCU-1.5 GH-44529-00	KH-10012-00	KH-10013-00
			Output	ER-25	ER-25	ER-25	ER-16		
			Nm/ft.lbs.	-	16/11.8	16/11.8	16/11.8		
			RPM	6,000	6,000	6,000	6,000		
		Coolant Thru		MA-2.5 RI GH-44526-00	M90-2.5 RI GH-44528-00				
			Output	ER-25	ER-25				
			Nm/ft.lbs.	-	16/11.8				
			RPM	6,000	6,000				

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

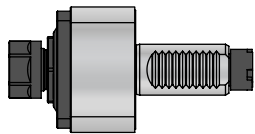
				STRAIGHT OFFSET FRONT TOOLS	STRAIGHT OFFSET BACK TOOLS	STRAIGHT OFFSET DUAL TOOLS	90° TOOLS	90° OFFSET TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	LB-200MW	Standard		MA-2.5 R GH-44510-00	MA-2.5 R GH-44511-00	MA-2.5 R 2U GH-44512-00	M90-2.5 GH-44312-00	M90-2.5 D GH-44527-00	MCU-1.5 GH-44529-00	KH-10021-00	KH-10022-00
			Output	ER-25	ER-25	ER-25	ER-25	ER-25	ER-16		
			Nm/ft.lbs.	16/11.8	16/11.8	16/11.8	16/11.8	16/11.8	16/11.8		
			RPM	6,000	6,000	6,000	6,000	6,000	6,000		
		Coolant Thru					M90-2.5 RI GH-44528-00				
			Output				ER-25				
			Nm/ft.lbs.				16/11.8				
			RPM				6,000				

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

#10: GENOS L300, ESL-10 Model Lathes

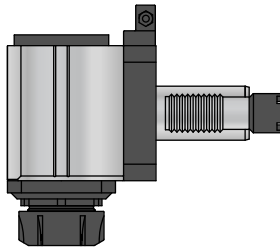

Reference Package #:
GH-77101-00

End Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-

Side Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-



Collet Wrench

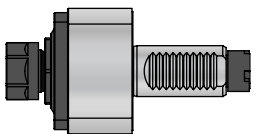
Package Includes:

- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

#11: GENOS L300, ESL-10 Model Lathes

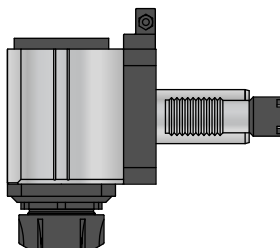

Reference Package #:
GH-77113-00 IC Package

End Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	145

Side Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	1,000



Collet Wrench

Package Includes:

- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

				STRAIGHT TOOLS	90° TOOLS	90° OFFSET TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	GENOS L300 L-370 CAPTAIN LB-300 SERIES LU-300M LU-15M LB-15 SERIES ESL-10	Standard		MA-3.5 GH-44314-00	M90-3.5 GH-44315-00	M90-3.5 D GH-44335-00	MCU-2.5 GH-44316-00	KH-10029-00	KH-10030-00
			Output	ER-32	ER-32	ER-32	ER-25	ER-40	1" Arbor
			Nm/ft.lbs.	-	50/37	50/37	25/18.4	25/18.4	80/59
			RPM	6,000	6,000	6,000	6,000	6,000	2,000
		Coolant Thru		MA-3.5 RI GH-44331-00	M90-3.5 RI GH-44332-00				
			Output	ER-32	ER-32				
			Nm/ft.lbs.	-	50/37				
			RPM	6,000	6,000				

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

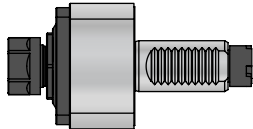
				STRAIGHT OFFSET FRONT TOOLS	STRAIGHT OFFSET BACK TOOLS	STRAIGHT OFFSET DUAL TOOLS	90° TOOLS	90° OFFSET TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	L-370MW LB-300MW LU-15MW	Standard		MA-3.5 R GH-44385-00	MA-3.5 R GH-44386-00	MA-3.5 R 2U GH-44384-00	M90-3.5 GH-44315-00	M90-3.5 D GH-44335-00	MCU-2.5 GH-44316-00	KH-10038-00	KH-10039-00
			Output	ER-32	ER-32	ER-32	ER-32	ER-32	ER-25	ER-40	1" Arbor
			Nm/ft.lbs.	50/37	50/37	50/37	50/37	50/37	25/18.4	25/18.4	80/59
			RPM	6,000	6,000	6,000	6,000	6,000	6,000	6,000	2,000
		Coolant Thru					M90-3.5 RI GH-44332-00				
			Output				ER-32				
			Nm/ft.lbs.				50/37				
			RPM				6,000				

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

#12: LU-400M, LB-400M, L-470 CAPTAIN Lathes

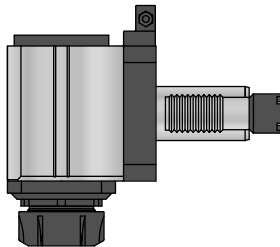
Reference Package #:
GH-77107-00


End Face Mill Units



Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-

Side Face Mill Units



Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-



Collet Wrench

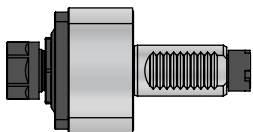
Package Includes:

- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

#13: LU-400M, LB-400M, L-470 CAPTAIN Lathes

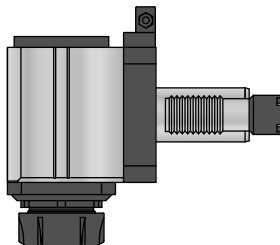
Reference Package #:
GH-77114-00 IC Package


End Face Mill Units



Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	145

Side Face Mill Units



Output	ER-40
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	1,000



Collet Wrench

Package Includes:

- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

				STRAIGHT TOOLS	90° TOOLS	90° OFFSET TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	L-470 CAPTAIN LB-400M LB-25 SERIES LU-400M LU-25M	Standard		MA-4.5 GH-44317-00	M90-4.5 GH-44318-00	M90-4.5 D GH-44507-00	MCU-2.5 GH-44505-00	KH-10046-00	KH-10047-00
			Output	ER-40	ER-40	ER-40	ER-25	ER-40	1" Arbor
			Nm/ft.lbs.	-	50/37	50/37	25/18.4	25/18.4	80/59
			RPM	6,000	6,000	6,000	6,000	6,000	2,000
		Coolant Thru		MA-4.5 RI GH-44333-00	M90-4.5 RI GH-44383-00				
			Output	ER-40	ER-40				
			Nm/ft.lbs.	-	50/37				
			RPM	6,000	6,000				

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

				STRAIGHT OFFSET FRONT TOOLS	STRAIGHT OFFSET BACK TOOLS	STRAIGHT OFFSET DUAL TOOLS	90° TOOLS	90° OFFSET TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	L-470MW LB-400MW	Standard		MA-3.5 R GH-44385-00	MA-3.5 R GH-44386-00	MA-3.5 R 2U GH-44384-00	M90-4.5 GH-44318-00	M90-4.5 D GH-44507-00	MCU-2.5 GH-44505-00	KH-10046-00	KH-10047-00
			Output	ER-32	ER-32	ER-32	ER-40	ER-40	ER-25	ER-25	3/4" Arbor
			Nm/ft.lbs.	50/37	50/37	50/37	50/37	50/37	25/18.4	16/11.8	40/29.5
			RPM	6,000	6,000	6,000	6,000	6,000	6,000	6,000	2,500
		Coolant Thru					M90-2.5 RI GH-44528-00				
			Output				ER-25				
			Nm/ft.lbs.				16/11.8				
			RPM				6,000				

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

LIVE TOOL PRICING

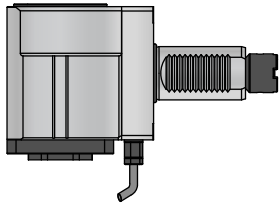
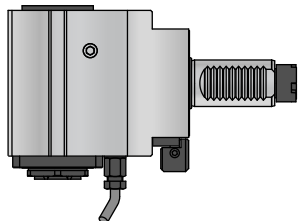
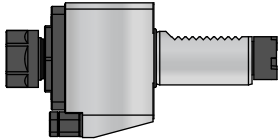


				STRAIGHT TOOLS	90° TOOLS	90° OFFSET TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	LU-35M LU-35IIM LB-35M LB-35IIM	Standard		MA-4.5	M90-4.5	M90-4.5 D	MCU-3.5	KH-10054-00	KH-10055-00
				GH-44343-00	GH-44522-00	GH-44523-00	GH-44525-00		
			Output	ER-40	ER-40	ER-40	ER-32		
			Nm/ft.lbs.	-	50/37	50/37	25/18.4		
			RPM	6,000	6,000	6,000	6,000		
		Coolant Thru		MA-4.5 RI	M90-4.5 RI				
				GH-44344-00	GH-44524-00				
			Output	ER-40	ER-40				
			Nm/ft.lbs.	-	50/37				
			RPM	6,000	6,000				

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

				STRAIGHT TOOLS	90° TOOLS	UNIVERSAL TOOLS	Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	LU-45 LB-45	Standard		MA-5.0	M90-5.0	MCU-3.5	KH-10069-00	KH-10070-00
				GH-44482-00	GH-44519-00	GH-44520-00		
			Output	ER-50	ER-50	ER-32		
			Nm/ft.lbs.	-	100/74	25/18.4		
			RPM	6,000	6,000	6,000		
		Coolant Thru		MA-5.0 RI	M90-5.0 RI			
				GH-44340-00	GH-44341-00			
			Output	ER-50	ER-50			
			Nm/ft.lbs.	-	100/74			
			RPM	6,000	6,000			

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

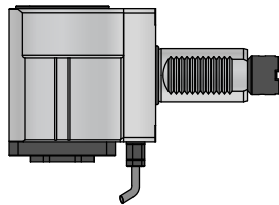
#14: LT-200M Model Lathe				
Reference Package #: GH-77104-00				
End Face Mill Units (Main)			 Collet Wrench  Internal Collet Wrench*	
	Output	ER-25A*		
	Torque Nm/ft.lbs.	16/11.8		
	RPM	6,000		
	Coolant Pressure	-		
End Face Mill Units (Sub)				
	Output	ER-25A*		
	Torque Nm/ft.lbs.	16/11.8		
	RPM	6,000		
	Coolant Pressure	-		
Side Face Mill Units				
	Output	ER-25	Package Includes: (2) End Face Mill Units (Main) (1) End Face Mill Unit (Sub) (2) Side Face Mill Units (1) Standard Collet Wrench (1) Internal Collet Wrench* (2) Spindle Fixtures	
	Torque Nm/ft.lbs.	16/11.8		
	RPM	6,000		
	Coolant Pressure	-		

*Use the internal collet wrench with A-Series outputs

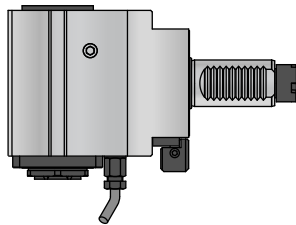
#15: LT-200M Model Lathe

Reference Package #:

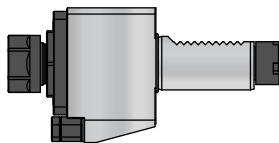
GH-77118-00 IC Package

End Face Mill Units (Main)

Output	ER-25A*
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	1,000

End Face Mill Units (Sub)

Output	ER-25A*
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	1,000

Side Face Mill Units

Output	ER-25
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	145

Internal
Collet
Wrench*

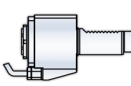
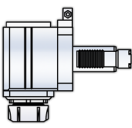
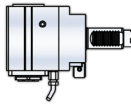
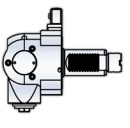
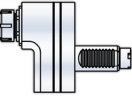
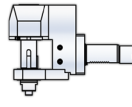
Collet Wrench



Package Includes:

- (2) End Face Mill Units (Main)
- (1) End Face Mill Unit (Sub)
- (2) Side Face Mill Units
- (1) Standard Collet Wrench
- (1) Internal Collet Wrench*
- (2) Spindle Fixtures

*Use the internal collet wrench with A-Series outputs

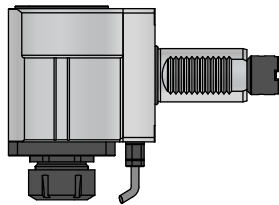
				STRAIGHT TOOLS	90° MAIN SPINDLE TOOLS	90° SUB SPINDLE TOOLS	UNIVERSAL TOOLS	STRAIGHT Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
									
Lathe Model	LT-200MY LT-200M LT-10M	Standard		MA-2.5	M90-2.5	M90-2.5 D	MCU-1.5	KH-10086-00	KH-10087-00
				GH-44387-00	GH-44106-00	GH-44358-00	GH-44391-00		
			Output	ER-25	ER-25	ER-25	ER-16		
			Nm/ft.lbs.	-	16/11.8	16/11.8	10/7.4		
		Coolant Thru	RPM	6,000	6,000	6,000	6,000	6,000	2,500
				MA-2.5 RI	M90-2.5 RIC	M90-2.5 D RI			
				GH-44418-00	GH-44419-00	GH-44532-00			
			Output	ER-25	ER-25	ER-25			
			Nm/ft.lbs.	-	16/11.8	16/11.8			
			RPM	6,000	6,000	6,000			

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

#16: LT-300M Model Lathe

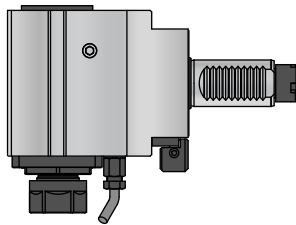
 Reference Package #:
GH-77108-00


End Face Mill Units (Main)



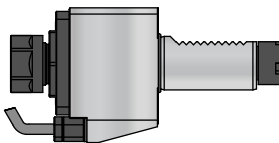
Output	ER-32
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-

End Face Mill Units (Sub)



Output	ER-32
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-

Side Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	50/37
RPM	6,000
Coolant Pressure	-



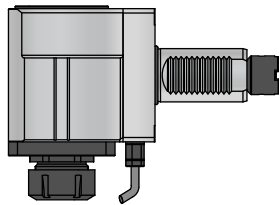
Collet Wrench

Package Includes:

- (2) End Face Mill Units (Main)
- (1) End Face Mill Unit (Sub)
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

#17: LT-300M Model Lathe

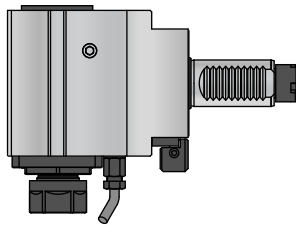

Reference Package #:

GH-77119-00 IC Package
End Face Mill Units (Main)

Output ER-32

**Torque
Nm/ft.lbs.** 50/37

RPM 6,000

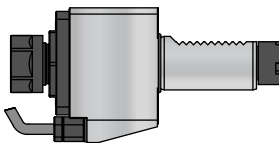
**Coolant
Pressure** 1,000

End Face Mill Units (Sub)

Output ER-32

**Torque
Nm/ft.lbs.** 50/37

RPM 6,000

**Coolant
Pressure** 1,000

Side Face Mill Units

Output ER-32

**Torque
Nm/ft.lbs.** 50/37

RPM 6,000

**Coolant
Pressure** 145

Collet Wrench

Package Includes:

(2) End Face Mill Units (Main)

(1) End Face Mill Unit (Sub)

(2) Side Face Mill Units

(2) Wrenches

(2) Spindle Fixtures

LIVE TOOL PRICING

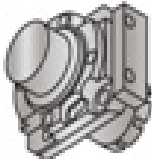
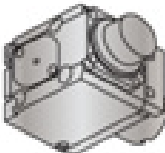


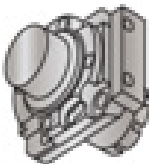
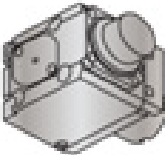
				STRAIGHT TOOLS	90° MAIN SPINDLE TOOLS	90° SUB SPINDLE TOOLS	UNIVERSAL TOOLS	STRAIGHT Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	LT-300MY LT-300M LT-15M	Standard		MA-3.5	M90-3.5	M90-3.5 D	MCU-1.5	KH-10095-00	KH-10096-00
				GH-44399-00	GH-44400-00	GH-44442-00	GH-44152-00		
			Output	ER-32	ER-32	ER-32	ER-16		
			Nm/ft.lbs.	-	50/37	50/37	10/7.4		
			RPM	6,000	6,000	6,000	6,000		
		Coolant Thru		MA-3.5 RI	M90-3.5 RI	M90-3.5 D RI			
				GH-44334-00	GH-44533-00	GH-44534-00			
			Output	ER-32	ER-32	ER-32			
			Nm/ft.lbs.	-	50/37	50/37			
			RPM	6,000	6,000	6,000			

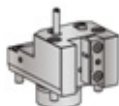
Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

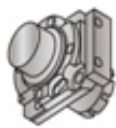
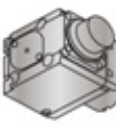
				STRAIGHT TOOLS	90° MAIN SPINDLE TOOLS	90° SUB SPINDLE TOOLS	UNIVERSAL TOOLS	STRAIGHT Y-AXIS OFFSET TOOLS	90° DISC HOLDER TOOLS
Lathe Model	LT-25M	Standard		MA-4.5	M90-4.5	M90-4.5 D	MCU-2.5	KH-10104-00	KH-10105-00
				GH-44388-00	GH-44389-00	GH-44531-00	GH-44537-00		
			Output	ER-40	ER-40	ER-40	ER-25		
			Nm/ft.lbs.	-	50/37	50/37	20/15		
			RPM	6,000	6,000	6,000	6,000		
		Coolant Thru		MA-4.5 RI	M90-4.5 RI	M90-4.5 D RI			
				GH-44530-00	GH-44535-00	GH-44536-00			
			Output	ER-40	ER-40	ER-40			
			Nm/ft.lbs.	-	50/37	50/37			
			RPM	6,000	6,000	6,000			

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI • RPM = Maximum
 ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm • ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

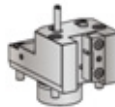
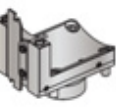
#18: LT-2000M Model Lathe			
Reference Package #: GH-77109-00			
End Face Mill Units			 Collet Wrench
	Output	ER-25	
	Torque Nm/ft.lbs.	45/33	
	RPM	6,000	
	Coolant Pressure	-	
Side Face Mill Units			Package Includes: (2) End Face Mill Units (2) Side Face Mill Units (1) Standard Collet Wrench (2) Spindle Fixtures
	Output	ER-25	
	Torque Nm/ft.lbs.	-	
	RPM	6,000	
	Coolant Pressure	-	

#19: LT-2000M Model Lathe (with internal coolant)			
Reference Package #: GH-77122-00 IC Package			
End Face Mill Units			
	Output	ER-25	 Collet Wrench
	Torque Nm/ft.lbs.	50/37	
	RPM	6,000	
	Coolant Pressure	145	
Side Face Mill Units			
	Output	ER-25	Package Includes: (2) End Face Mill Units (2) Side Face Mill Units (2) Wrenches (2) Spindle Fixtures
	Torque Nm/ft.lbs.	50/37	
	RPM	6,000	
	Coolant Pressure	1000	

#20: LT-2000M/MY Model Lathe				
Reference Package #: GH-77120-00 Static Tool Package				
KH-20200-00				
	Standard	Tool Size	3/4"	
KH-20201-00				
	Standard	Tool Size	3/4"	
KH-20202-00				
	Standard	Tool Size	3/4"	
KH-20204-00				Package Includes: (2) KH-20200-00 (2) KH-20201-00 (1) KH-20202-00 (2) KH-20204-00 (4) KH-20203-00 (4) Plugs
	Standard	Tool Size	1 1/4"	
KH-20203-00				
	Standard	Tool Size	1 1/4"	

				STRAIGHT OFFSET FRONT TOOLS	STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT TOOLS	UNIVERSAL TOOLS
								
Lathe Model	LT-2000 M/MY/MYW LT-2000EX	Standard		MA-2.5 R GH-44886-00	MA-2.5 GH-44810-00	M90-2.5 GH-44811-00	M90-2.5 2U GH-44887-00	MCU-1.5 GH-44888-00
			Output	ER-25	ER-25	ER-25	ER-25/25	ER-16
			Nm/ft.lbs.	45/33	-	45/33	45/33	10/7.4
			RPM	6,000	6,000	6,000	6,000	6,000
		Coolant Thru			MA-2.5 RI GH-44812-00	M90-2.5 RI GH-44813-00		
			Output		ER-25	ER-25		
			Nm/ft.lbs.		-	45/33		
			RPM		6,000	6,000		

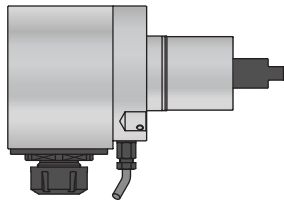
Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI
 RPM = Maximum • ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm ER-25/ER-25A = 0.5-16mm • ER-32 = 1-20mm • ER-40 = 2-30mm

				OD-I-S 3/4"	OD-I-D 3/4" OD MAIN/SUB	OD-II 3/4" FACE/ID MAIN/SUB	BORING BAR HOLDER 1 1/4" MAIN/SUB	BORING BAR HOLDER 1 1/4"	CUT-OFF HOLDER 26MM
									
Lathe	LT-2000 M/MY/MYW LT-2000EX	Standard		KH-20200-00	KH-20201-00	KH-20202-00			KH-20205-00
			Tool Size	3/4"	3/4"	3/4"			26mm
		Coolant					KH-20203-00	KH-20204-00	
			Tool Size				1 1/4"	1 1/4"	

#21: LT-3000M/MY Model Lathe

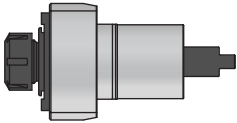
 Reference Package #:
GH-77114-00


End Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	-

Side Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	-



Collet Wrench

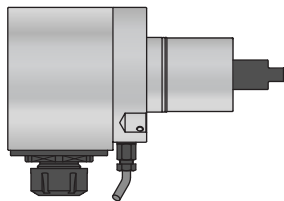
Package Includes:

- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

#22: LT-3000M/MY Model Lathe (with internal coolant)

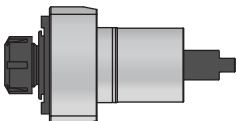
 Reference Package #:
GH-77115-00 IC Package


End Face Mill Units



Output	ER-32
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	1000

Side Face Mill Units



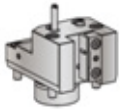
Output	ER-32
Torque Nm/ft.lbs.	16/11.8
RPM	6,000
Coolant Pressure	1000

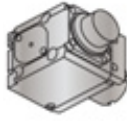


Collet Wrench

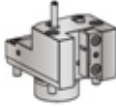
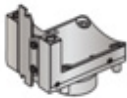
Package Includes:

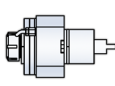
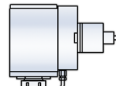
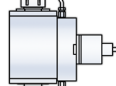
- (2) End Face Mill Units
- (2) Side Face Mill Units
- (2) Wrenches
- (2) Spindle Fixtures

#23: LT-3000M/MY				
Reference Package #: GH-77121-00 Static Tool Package				
KH-20300-00				
	Standard	Tool Size	1"	
KH-20301-00				
	Standard	Tool Size	1"	
KH-20302-00				
	Standard	Tool Size	1"	
KH-20304-00				Package Includes: (2) KH-20300-00 (2) KH-20301-00 (1) KH-20302-00 (2) KH-20304-00 (4) KH-20303-00 (4) Plugs
	Standard	Tool Size	1 1/2"	
KH-20303-00				
	Standard	Tool Size	1 1/2"	

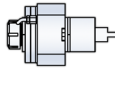
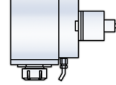
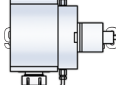
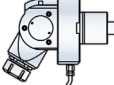
				STRAIGHT TOOLS	90° TOOLS	UNIVERSAL TOOLS
						
Lathe Model	LT-3000 M/MY/MYW LT-2000EX	Standard		MA-3.5 GH-45065-00	M90-3.5 GH-45066-00	MCU-1.5 GH-45069-00
			Output	ER-32	ER-32	ER-16
			Nm/ft.lbs.	-	45/33	10/7.4
			RPM	6,000	6,000	6,000
		Coolant Thru		MA-3.5 RI GH-45067-00	M90-3.5-RI GH-45068-00	
			Output	ER-32	ER-32	
			Nm/ft.lbs.	-	45/33	
			RPM	6,000	6,000	

Coolant Pressure Straight Tools = 10 Bar/145 PSI • Coolant Pressure 90° Tools = 70 Bar/1050 PSI
RPM = Maximum • ER-11 = 0.5-7mm • ER-16/ER-16A = 0.5-10mm • ER-20/ER-20A = 0.5-13mm ER-25/ER-25A = 0.5-16mm •
ER-32 = 1-20mm • ER-40 = 2-30mm

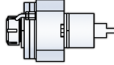
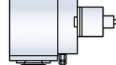
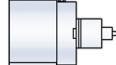
				OD-I-S 1"	OD-I-D 1" OD MAIN/SUB	OD-II 1" FACE/ID MAIN/SUB	BORING BAR HOLDER 1½" MAIN/SUB	BORING BAR HOLDER 1½"	CUT-OFF HOLDER 32MM
									
Lathe	LT-3000 M/MY	Standard		KH-20300-00	KH-20301-00	KH-20302-00			KH-20305-00
			Tool Size	1"	1"	1"			32mm
		Coolant					KH-20303-00	KH-20304-00	
			Tool Size				1½"	1½"	

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS
						
Lathe Model	SL-20MC	Standard		GH-44941-00	GH-44943-00	GH-44945-00
			Output	ER-25	ER-25	ER-25
			Nm/ft.lbs.	-	25.1/18.5	25.1/18.5
			RPM	6,000	6,000	6,000
		Coolant Thru		GH-44942-00	GH-44944-00	
			Output	ER-25	ER-25	
			Nm/ft.lbs.	-	25.1/18.5	
			RPM	6,000	6,000	

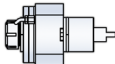
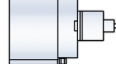
Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS	ADJUSTABLE TOOLS
							
Lathe Model	SL-25AMC SL-25ASY SL-25BMC/500 SL-25BMC/1000 SL-25BMC/1500 SL-35BMC/1500	Standard		GH-45051-00	GH-45053-00	GH-45055-00	GH-45159-00
			Output	ER-32	ER-32	ER-32	ER-25
			Nm/ft.lbs.	-	45/33.2	45/33.2	45/33.2
			RPM	6,000	6,000	6,000	6,000
		Coolant Thru		GH-45052-00	GH-45054-00		
			Output	ER-32	ER-32		
			Nm/ft.lbs.	-	45/33.2		
			RPM	6,000	6,000		

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS	DUAL OUTPUT 90° TOOLS
BMT-75						
Lathe Model	SL-45MC/2200 SL-45MC/2200BB SL-45MC/3000 SL-45MC/3000BB	Standard		GH-44946-00	GH-44948-00	GH-44950-00
			Output	ER-40	ER-40	ER-40
			Nm/ft.lbs.	-	50/37	50/37
			RPM	6,000	6,000	6,000
		Coolant Thru		GH-44947-00	GH-44949-00	
			Output	ER-40	ER-40	
			Nm/ft.lbs.	-	50/37	
			RPM	6,000	6,000	

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum

				STRAIGHT TOOLS	90° TOOLS
BMT-85					
Lathe Model	SL-65MC/3200	Standard		GH-44951-00	GH-44953-00
			Output	ER-50	ER-50
			Nm/ft.lbs.	-	100/74
			RPM	6,000	6,000
		Coolant Thru		GH-44952-00	GH-44954-00
			Output	ER-50	ER-50
			Nm/ft.lbs.	-	100/74
			RPM	6,000	6,000

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum



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ROTARY TABLES | ANGLE HEADS | LIVE TOOLS | SWISS TOOLS | TOOL PRESETTERS