



 **Alberti**

ANGLE HEAD
SELECTION GUIDE





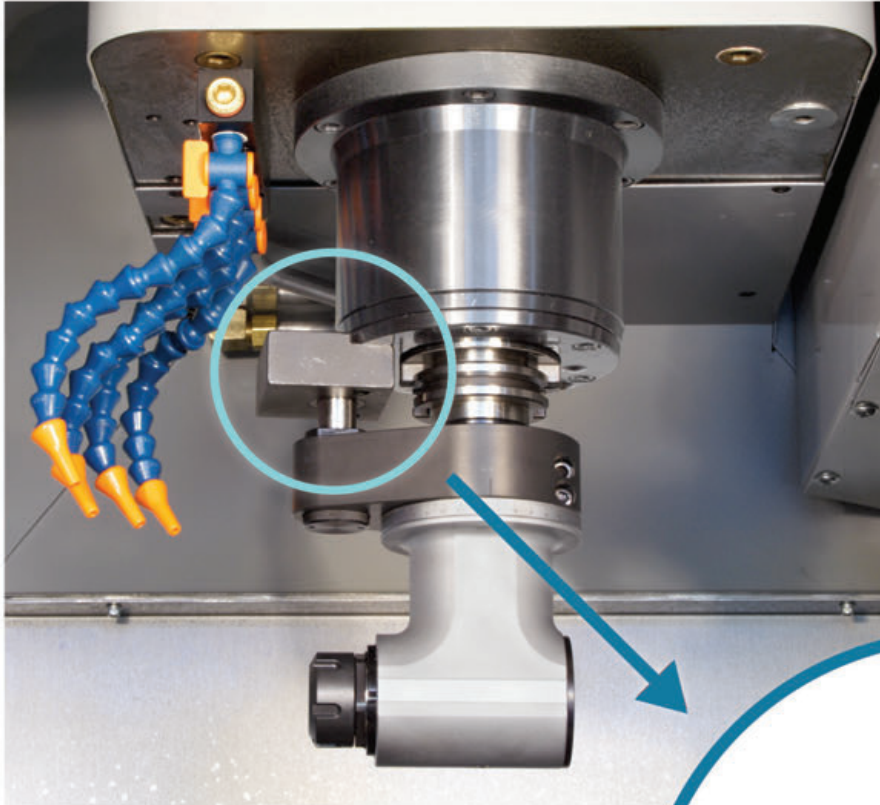
ABOUT US

KOMA PRECISION

For over thirty years Koma Precision has been the foremost source for the finest the world has to offer in machine tool Productivity Innovation.

With over 30,000 rotary table installations, Koma is the largest distributor of Tsudakoma NC rotary tables and indexers in the world. With over 12,000 angle heads and live tools installed, Koma is the world's largest supplier for Alberti - the originator and the foremost innovator of productivity tooling.





HAAS stop blocks for 50 taper machine included with CAT40 Right Angle Heads.





40 TAPER VMC'S

Max. Tool Weight: 12 LBS



T90sl-0.3 Slimline Control Series				
Standard Tool Specifications				Price
Output	NSK			\$6,250
RPM Max.	20,000			
Nm/ft.lbs.	1/74 - 4/2.95			
Wgt.kg/lbs.	3.5/7.7			
Output Tools	Model	Ratio	RPM Max.	Price
NSK Output Tool Options for T90sl-0.3	IC-300	1:3/4	15,000	\$350
	MFC-300S	1:1	15,000	\$450
	MFC-300M	1:1	15,000	\$360
	KC-300	1:3/4	15,000	\$350
	CN-01	1:1	15,000	\$125
	RA-100	1:3/8	7,490	\$775
	RA-200	1:0.6665	13,330	\$675



T90cn-0.5C Control Series		
Standard Tool Specifications		Price
Output	ER 11 (0.5-7)	\$7,400
Ratio	1:1	
RPM Max.	6,000	
Nm/ft.lbs.	5/3.7	
Wgt.kg/lbs.	4/8.8	
Options		
High Speed	10,000 RPM Maximum	\$650
Output	Weldon Output - 6mm	\$400
Coolant	Through Pin	\$300



T90cn-1.5 Control Series		
Standard Tool Specifications		Price
Output	ER 16 (1-10)	\$6,500
Ratio	1:1	
RPM Max.	6,000	
Nm/ft.lbs.	7/5.2	
Wgt.kg/lbs.	4.3/9.5	
Options		
High Speed	10,000 RPM Maximum	\$650
Output	Weldon Output - 10mm	\$400
	Arbor Output - 13mm	\$450
	Through Pin	\$300
Coolant	Through Pin & Spindle	\$1,150
	Through Shank	\$2,200



T90cn-2.5 Control Series		
Standard Tool Specifications		Price
Output	ER 25 (2-16)	\$8,000
Ratio	1:1	
RPM Max.	6,000	
Nm/ft.lbs.	20/14.7	
Wgt.kg/lbs.	5.4/12	
Options		
High Speed	8,000 RPM Maximum	\$650
Output	Weldon Output - 16mm	\$400
	Arbor Output - 16mm	\$450
Coolant	Through Pin	\$300
	Through Pin & Spindle	\$1,150
	Through Shank	\$2,000



TCUcn-1.5 Control Series		
Standard Tool Specifications		Price
Output	ER 20 (1-13)	\$8,800
Ratio	1:1	
RPM Max.	6,000	
Nm/ft.lbs.	6/4.4	
Wgt.kg/lbs.	4.2/9.2	
Options		
High Speed	8,000 RPM Maximum	\$650
Output	Weldon Output - 10mm	\$400
Coolant	Through Pin	\$300



T90cn-3.5 Control Series		
Standard Tool Specifications		Price
Output	ER 32 (2-20)	\$
Ratio	1:1	
RPM Max.	4,000	
Nm/ft.lbs.	40/29.5	
Wgt.kg/lbs.	5.5/12	
Options		
High Speed	8,000 RPM Maximum	\$650
Coolant	Through Pin	\$300

50 TAPER VMC'S

Max. Tool Weight: 30 LBS



T90cn-2.5 Control Series		
Standard Tool Specifications		Price
Output	ER 25 (2-16)	\$8,000
Ratio	1:1	
RPM Max.	6,000	
Nm/ft.lbs.	20/14.7	
Wgt.kg/lbs.	5.4/12	
Options		
High Speed	8,000 RPM Maximum	\$650
Output	Weldon Output - 16mm	\$400
	Arbor Output - 16mm	\$450
	Through Pin	\$300
Coolant	Through Pin & Spindle	\$1,150
	Through Shank	\$2,000



T90cn-3.5 Control Series		
Standard Tool Specifications		Price
Output	ER 32 (3-20)	\$8,600
Ratio	1:1	
RPM Max.	4,000	
Nm/ft.lbs.	35/25.8	
Wgt.kg/lbs.	10.9/24.2	
Options		
High Speed	6,000 RPM Maximum	\$650
Output	Weldon Output - 20mm	\$400
	Arbor Output - 22mm	\$450
	Through Pin	\$300
Coolant	Through Pin & Spindle	\$1,150
	Through Shank	\$2,200



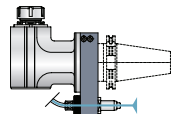
TCUcn-2.5 Control Series		
Standard Tool Specifications		Price
Output	ER 25 (2-16)	\$9,000
Ratio	1:1	
RPM Max.	4,000	
Nm/ft.lbs.	18/13.3	
Wgt.kg/lbs.	6.8/15	
Options		
High Speed	8,000 RPM Maximum	\$650
Output	Weldon Output - 16mm	\$400
Coolant	Through Pin	\$300



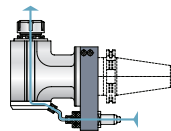
TCUcn-3.5 Control Series		
Standard Tool Specifications		Price
Output	ER 32 (3-20)	\$9,200
Ratio	1:1	
RPM Max.	4,000	
Nm/ft.lbs.	32/23.6	
Wgt.kg/lbs.	12.8/28.6	
Options		
High Speed	6,000 RPM Maximum	\$650
Output	Weldon Output - 20mm	\$400
	Arbor Output - 22mm	\$450
Coolant	Through Pin	\$300

Coolant Options

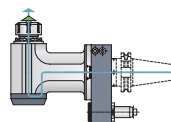
Coolant
Through
Pin



Coolant
Through
Pin &
Spindle



Coolant
Through
Shank





ANGLE HEAD FEATURES

MAIN FEATURES

- One year warranty
- Double sealed front end
- High speed tools available
- Coolant feed through options

TECHNICAL FEATURES

- GS600 spheroidal cast iron bodies
- Shafts supported by ABEC 7 super precision angular contact bearings
- Highest performance spiral bevel gears strength in excess of 300 kg/mm²
- Control Series tools main input shaft is integral with the drive taper to ensure maximum rigidity



ABOUT

It takes just 15 minutes to supercharge your throughput with Alberti right angle and adjustable angle heads from KOMA Precision. An included HAAS stop block is easily installed in existing spindle holes.

Koma Precision stocks a comprehensive Alberti spare parts inventory and offers complete maintenance and repair services.





Alberti-Haas 19.0 1/28/19



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