



Alberti

Angle Heads

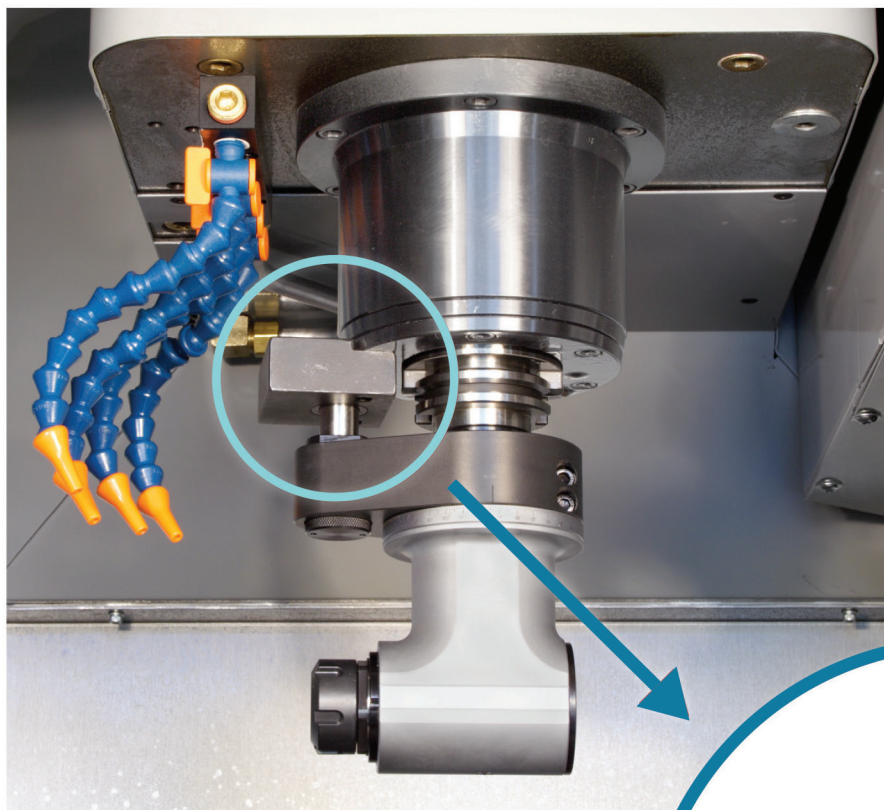
Selection Guide

KOMA PRECISION

For over forty 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

Output	NSK		
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.
NSK Output Tool Options for T90sl-0.3	IC-300	1:3/4	15,000
	MFC-300S	1:1	15,000
	MFC-300M	1:1	15,000
	KC-300	1:3/4	15,000
	CN-01	1:1	15,000
	RA-100	1:3/8	7,490
	RA-200	1:0.6665	13,330



T90cn-0.5C Control Series

Standard Tool Specifications

Output	ER 11 (0.5-7)
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
Output	Weldon Output - 6mm
Coolant	Through Pin



T90cn-1.5 Control Series

Standard Tool Specifications

Output	ER 16 (1-10)
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
Output	Weldon Output - 10mm Arbor Output - 13mm
Coolant	Through Pin Through Pin & Spindle Through Shank



T90cn-2.5 Control Series

Standard Tool Specifications

Output	ER 25 (2-16)
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
Output	Weldon Output - 16mm Arbor Output - 16mm
Coolant	Through Pin Through Pin & Spindle Through Shank



TCUcn-1.5 Control Series

Standard Tool Specifications

Output	ER 20 (1-13)
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
Output	Weldon Output - 10mm
Coolant	Through Pin



T90cn-3.5 Control Series

Standard Tool Specifications

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
Coolant	Through Pin

50 TAPER VMC'S

Max. Tool Weight: 30 LBS



T90cn-2.5 Control Series

Standard Tool Specifications

Output	ER 25 (2-16)
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
Output	Weldon Output - 16mm Arbor Output - 16mm Through Pin
Coolant	Through Pin & Spindle Through Shank



T90cn-3.5 Control Series

Standard Tool Specifications

Output	ER 32 (3-20)
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
Output	Weldon Output - 20mm Arbor Output - 22mm Through Pin
Coolant	Through Pin & Spindle Through Shank



TCUcn-2.5 Control Series

Standard Tool Specifications

Output	ER 25 (2-16)
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
Output	Weldon Output - 16mm
Coolant	Through Pin



TCUcn-3.5 Control Series

Standard Tool Specifications

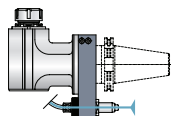
Output	ER 32 (3-20)
Ratio	1:1
RPM Max.	4,000
Nm/ft.lbs.	32/23.6
Wgt.kg/lbs.	12.8/28.6

Options

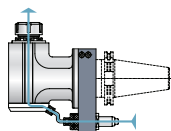
High Speed	6,000 RPM Maximum
Output	Weldon Output - 20mm Arbor Output - 22mm
Coolant	Through Pin

Coolant Options

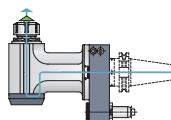
**Coolant
Through
Pin**



**Coolant
Through
Pin &
Spindle**



**Coolant
Through
Shank**



MAIN FEATURES

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

TECHNICAL FEATURES

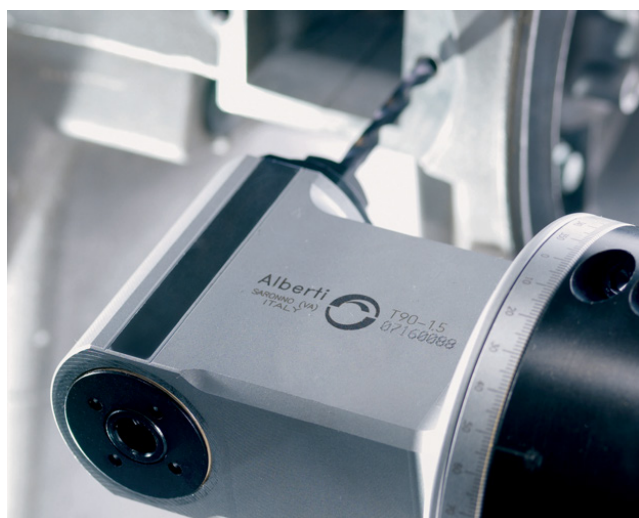
- GS600 spheroidal cast iron bodies
- Shafts supported by ABEC 7 super precision angular contact bearings
- Highest performance spiral bevel gears strength in excess of 300 kg/ mm²
- Control Series tools main input shaft is integral with the drive taper to ensure maximum rigidity



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.





Tel: 1.800.249.5662
Fax: 860.623.4132

info@komaprecision.com
www.komaprecision.com

20 Thompson Road
East Windsor, CT 06088