

# Fadal



CAlberti
Angle Heads
Selection Guide

## ABOUT US



## **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.

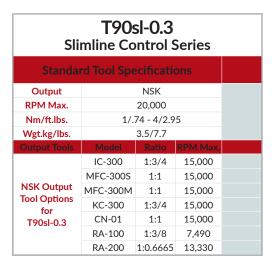




# 40 TAPER VMC'S

## Max. Tool Weight: 15 LBS







=		cn-0.5C trol Series	
Standard T	ool !	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	



Ċ	ont	Jcn-1.5 trol Series	
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	8,0	00 RPM Maximum	
Output	Wel	don Output - 10mm	
Coolant		Through Pin	



Ċ	ont	on-1.5 Trol Series	
Standard T	ool S	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	10,0	000 RPM Maximum	
Output	Wel	Weldon Output - 10mm	
Output	Arb	Arbor Output - 13mm	
		Through Pin	
Coolant	Thr	Through Pin & Spindle	
		Through Shank	



-	CUcn-2.5 Control Series	
Standard T	ool Specifications	
Output	ER 25 (2-16)	
Ratio	1:1	
RPM Max.	5,000	
Nm/ft.lbs.	18/13.3	
Wgt.kg/lbs.	6.8/15	
	Options	
High Speed	8,000 RPM Maximum	
Output	Weldon Output	
Coolant	Through Pin	



T90cn-2.5 Control Series				
Standard T	ool 9	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	8,0	8,000 RPM Maximum		
Output	Wel	Weldon Output - 16mm		
Output	Ark	Arbor Output - 16mm		
		Through Pin		
Coolant	Thr	Through Pin & Spindle		
		Through Shank		

## 50 TAPER VMC'S

## Max. Tool Weight: 40 LBS





#### TCUcn-2.5 **Control Series** Output ER 25 (2-16) Ratio 1:1 4,000 RPM Max. Nm/ft.lbs. 18/13.3 6.8/15 Wgt.kg/lbs. 8,000 RPM Maximum **High Speed** Weldon Output - 16mm Output

Through Pin

Coolant



		Ocn-2.5 rol Series	
Standard T	ool 9	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	8,0	000 RPM Maximum	
Output	Wel	don Output - 16mm	
Output	Ark	Arbor Output - 16mm	
		Through Pin	
Coolant	Thr	Through Pin & Spindle	
		Through Shank	



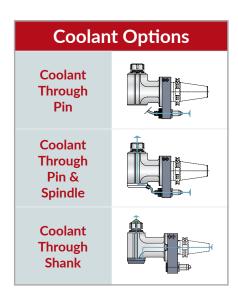
_		Jcn-3.5 trol Series	
Standard To	ool 9	Specifications	
Output		ER 32 (3-20)	
Ratio		1:1	
RPM Max.		4,000	
Nm/ft.lbs.		32/23.6	
Wgt.kg/lbs.		12.8/28.6	
		Options	
High Speed	6,0	000 RPM Maximum	
Output	Wel	ldon Output - 20mm	
Output	Arl	bor Output - 22mm	
Coolant		Through Pin	



С	ont	Ocn-3.5 rol Series	
Standard T		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	6,0	000 RPM Maximum	
Output	Wel	Weldon Output - 20mm	
Output	Ark	Arbor Output - 22mm	
		Through Pin	
Coolant	Thr	Through Pin & Spindle	
		Through Shank	



T90cn-4.5 Control Series				
Standard To	ool S	Specifications		
Output		ER 40 (3-30)		
Ratio		1:1		
RPM Max.		4,000		
Nm/ft.lbs.		75/55.3		
Wgt.kg/lbs.		16.8/37.4		
Options				
High Speed	6,000 RPM Maximum			
Output	Weldon Output - 20mm			
Output	Arbor Output - 22mm			
	Through Pin			
Coolant	Through Pin & Spindle			
	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/ mm<sup>2</sup>
- 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 FADAL 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.

# ANGLE HEAD FEATURES



