



KOMA PRECISION
THE KEY TO PERFORMANCE
www.komaprecision.com

Alberti

ANGLE HEAD

Selection Guide

2022



WE FOCUS ON BEING THE BEST—
that's why leading companies choose Koma.

WE ARE THE EXCLUSIVE NORTH AMERICAN
IMPORTER, NATIONAL DISTRIBUTOR, AND
SERVICE CENTER FOR ALBERTI ANGLE HEADS.



KOMA PRECISION

ABOUT US

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.



Technical drawing of the IC-300 tool, showing front and side views with dimensions.

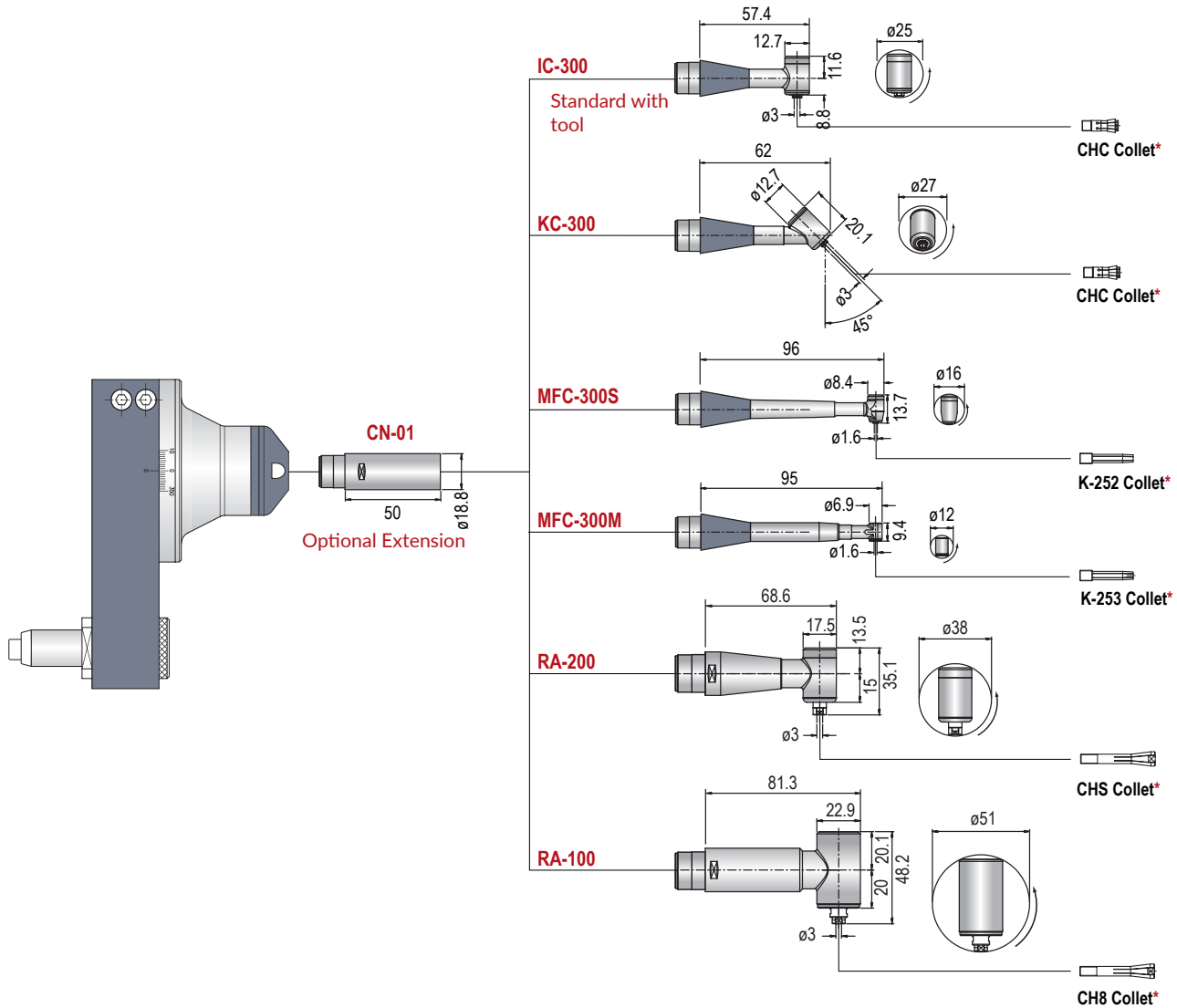
Front View Dimensions:

- Overall length: 90
- Overall width: 42
- Distance from front face to start of taper: 52.9
- Distance from front face to start of main body: 50.9
- Distance from front face to start of handle: 44
- Distance from front face to start of handle (alternative measurement): 42
- Distance from front face to start of handle (alternative measurement): 21
- Distance from front face to start of handle (alternative measurement): 11.5
- Distance from front face to start of handle (alternative measurement): 8.8
- Distance from front face to start of handle (alternative measurement): 6.4
- Distance from front face to start of handle (alternative measurement): 2.1
- Distance from front face to start of handle (alternative measurement): 0.8
- Distance from front face to start of handle (alternative measurement): 0.4
- Distance from front face to start of handle (alternative measurement): 0.2
- Distance from front face to start of handle (alternative measurement): 0.1
- Distance from front face to start of handle (alternative measurement): 0.05
- Distance from front face to start of handle (alternative measurement): 0.025
- Distance from front face to start of handle (alternative measurement): 0.0125
- Distance from front face to start of handle (alternative measurement): 0.00625
- Distance from front face to start of handle (alternative measurement): 0.003125
- Distance from front face to start of handle (alternative measurement): 0.0015625
- Distance from front face to start of handle (alternative measurement): 0.00078125
- Distance from front face to start of handle (alternative measurement): 0.000390625
- Distance from front face to start of handle (alternative measurement): 0.0001953125
- Distance from front face to start of handle (alternative measurement): 0.00009765625
- Distance from front face to start of handle (alternative measurement): 0.000048828125
- Distance from front face to start of handle (alternative measurement): 0.0000244140625
- Distance from front face to start of handle (alternative measurement): 0.00001220703125
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T90sl-0.3	
Ratio	1 : .75
Maximum Input RPM	20,000
Weight	7.7 lbs

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DIMENSIONAL DRAWING



TECHNICAL DATA

	IC-300	KC-300	MFC-300S	MFC-300M	RA-200	RA-100	CN-01
Ratio	1:75	1:75	1:1	1:1	1:66	1:375	1:1
Max. NSK Output RPM	15,000	15,000	15,000	15,000	13,330	7,490	15,000
Torque	.74 ft lbs	.74 ft lbs	.74 ft lbs	.74 ft lbs	2.95 ft lbs	2.95 ft lbs	-
NSK Collet	CHC	CHC	K-252	K-253	CHS	CH8	-

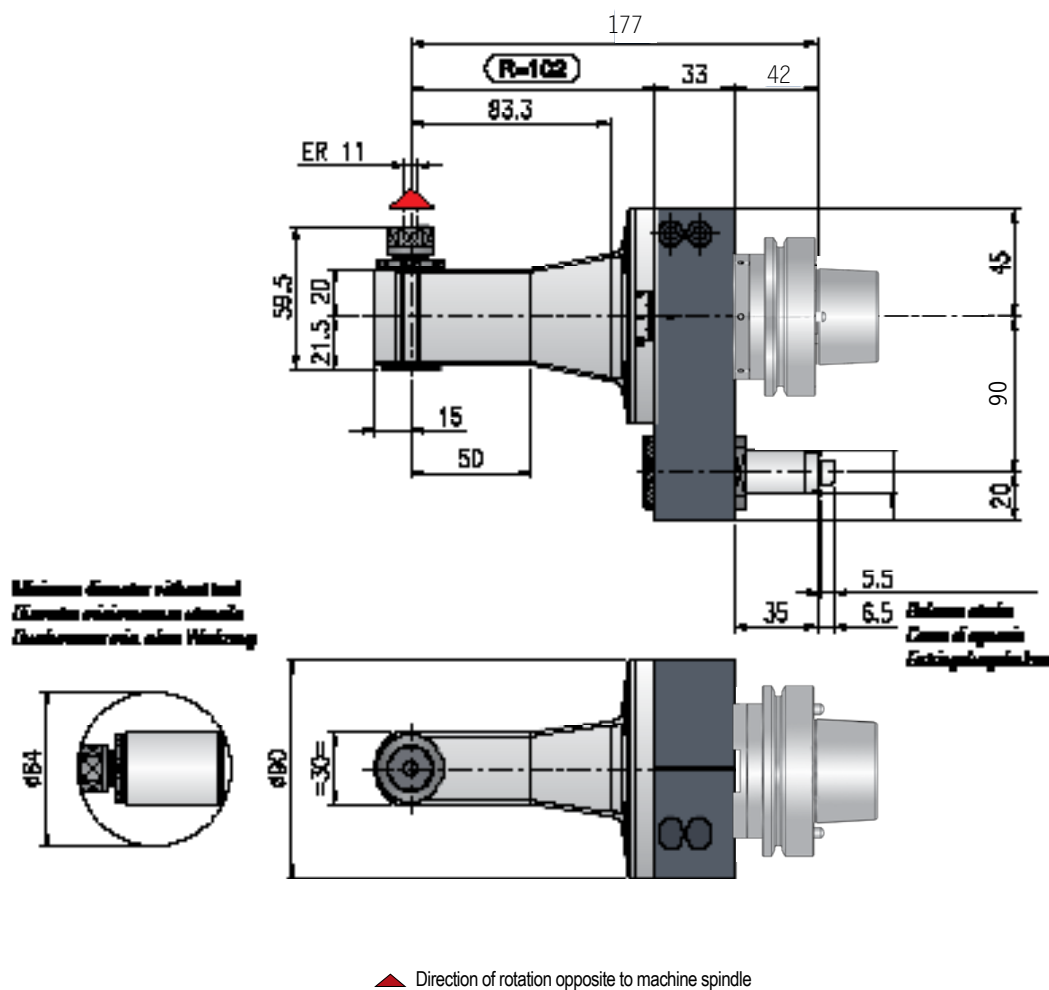
Included with Tool: Storage Case • Wrenches • Grease • Instruction Manual

 Direction of rotation same as machine spindle

T90cn-0.4.1	
Ratio	1:1
Maximum Input RPM	10,000
Weight	8.8 lbs

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DIMENSIONAL DRAWING

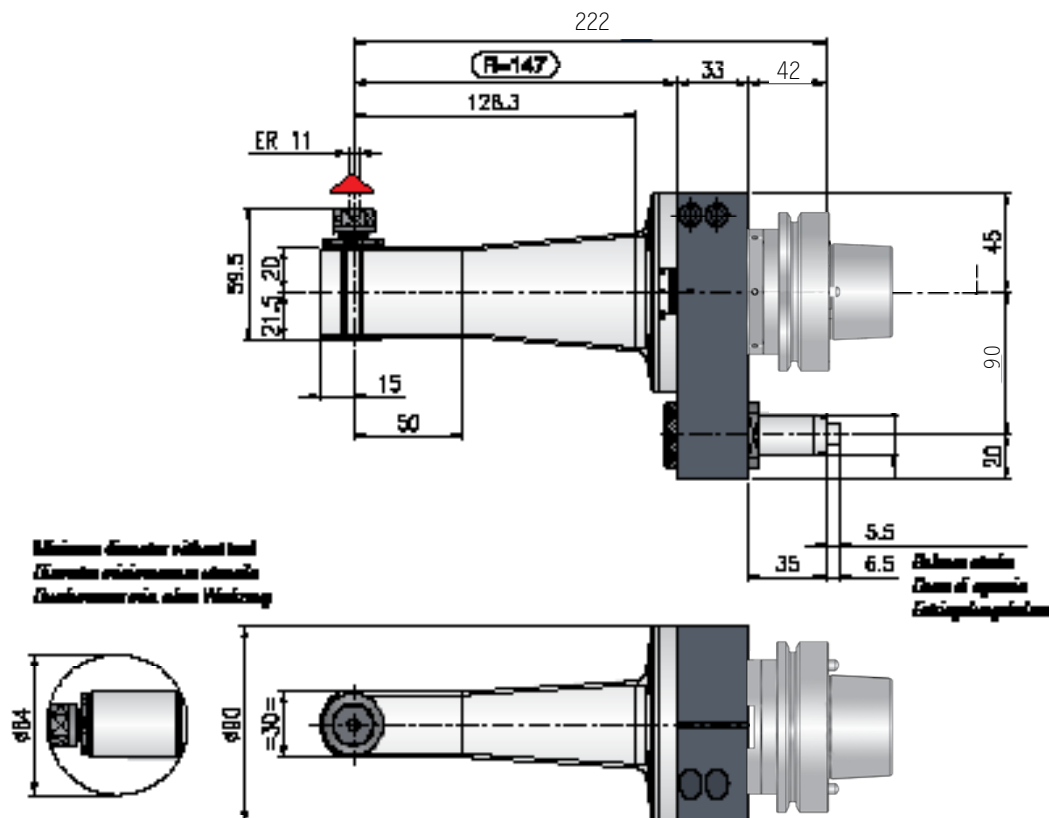


TECHNICAL DATA

T90cn-0.5	
Ratio	1:1
Maximum Input RPM	10,000
Weight	8.8 lbs

Included with Tool: Storage Case • Wrenches • Grease • Instruction Manual

DIMENSIONAL DRAWING



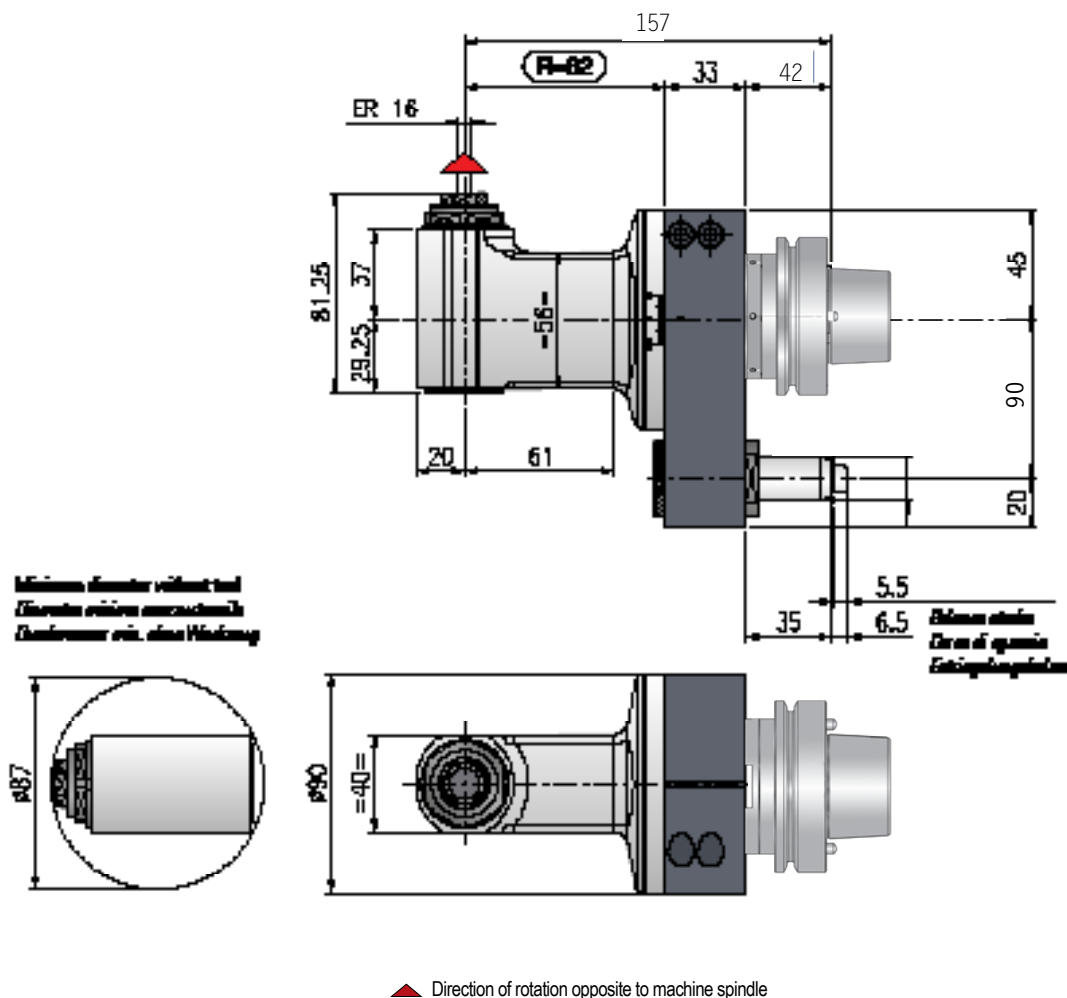
▲ Direction of rotation opposite to machine spindle

TECHNICAL DATA

T90cn-0.5L	
Ratio	1:1
Maximum Input RPM	10,000
Weight	9.5 lbs

Included with Tool: Storage Case • Wrenches • Grease • Instruction Manual

DIMENSIONAL DRAWING



TECHNICAL DATA

T90cn-1.5	
Ratio	1:1
Maximum Input RPM	8,000
Weight	9.5 lbs

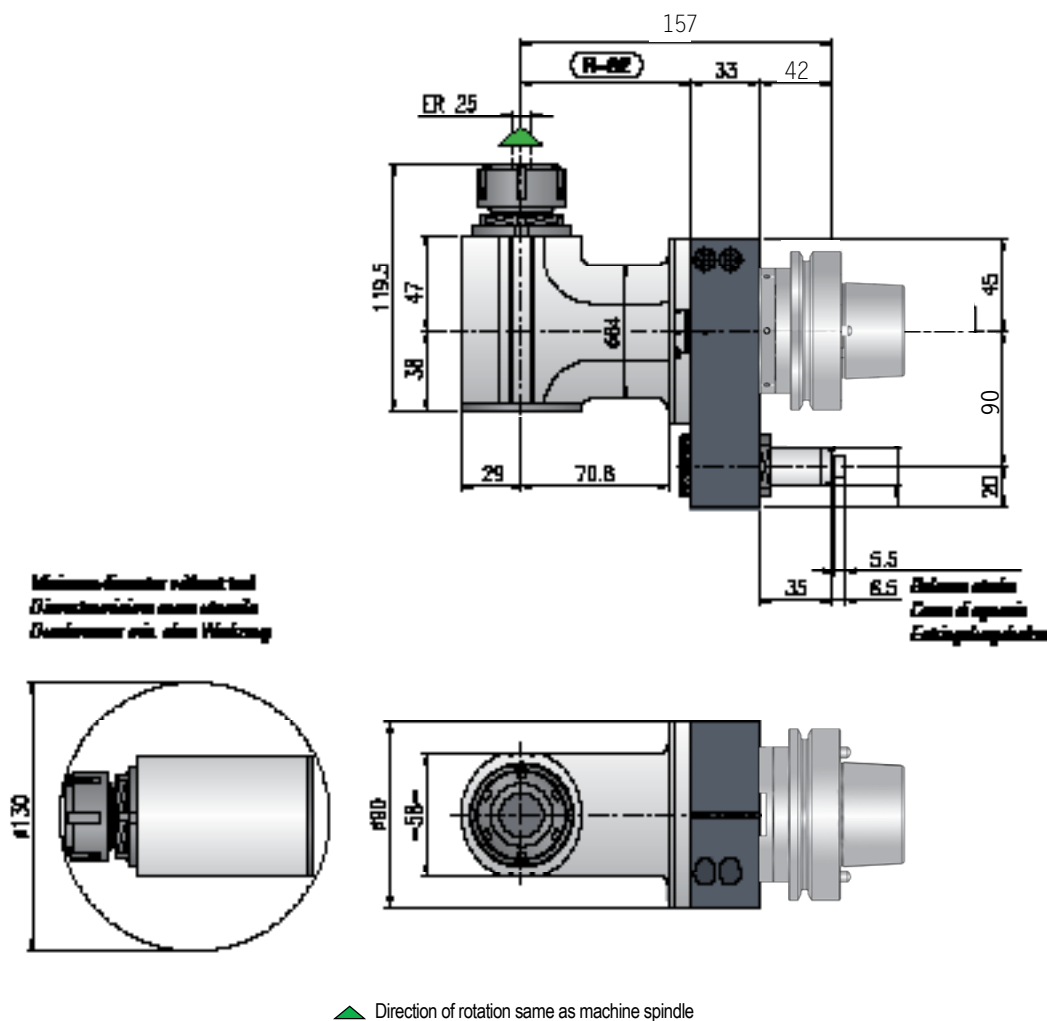
Included with Tool: Storage Case • Wrenches • Grease • Instruction Manual

 Direction of rotation opposite to machine spindle

T90cn-1.5L	
Ratio	1:1
Maximum Input RPM	8,000
Weight	11.4 lbs

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DIMENSIONAL DRAWING



TECHNICAL DATA

T90cn-2.5	
Ratio	1:1
Maximum Input RPM	6,000
Weight	11.9 lbs

Included with Tool: Storage Case • Wrenches • Grease • Instruction Manual

OPTIONAL COLLETS FOR SLIMLINE T90sl-0.3

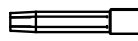


CHC (for IC-300, KC-300)



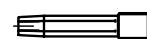
Model	Inside Diameter (mm)
GP-59021-00	1.6
GP-59024-00	2.35
GP-59015-00	3.0
GP-59010-00	3.175

CHS (for RA-200)



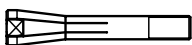
Model	Inside Diameter (mm)
GP-59027-00	0.8
GP-59028-00	0.9
GP-59029-00	1.0
GP-59030-00	1.1
GP-59031-00	1.2
GP-59032-00	1.3
GP-59033-00	1.4
GP-59034-00	1.5
GP-59012-00	1.6
GP-59035-00	1.7
GP-59036-00	1.8
GP-59037-00	1.9
GP-59016-00	2.0
GP-59038-00	2.1
GP-59039-00	2.2
GP-59040-00	2.3
GP-59041-00	2.35
GP-59042-00	2.4
GP-59013-00	2.5
GP-59043-00	2.6
GP-59044-00	2.7
GP-59045-00	2.8
GP-59046-00	2.9
GP-59009-00	3.0
GP-59011-00	3.175

CH8 (for RA-100)



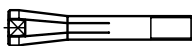
Model	Inside Diameter (mm)
GP-59047-00	0.8
GP-59048-00	0.9
GP-59049-00	1.0
GP-59050-00	1.1
GP-59051-00	1.2
GP-59052-00	1.3
GP-59053-00	1.4
GP-59054-00	1.5
GP-59055-00	1.6
GP-59056-00	1.7
GP-59057-00	1.8
GP-59058-00	1.9
GP-59059-00	2.0
GP-59060-00	2.1
GP-59061-00	2.2
GP-59062-00	2.3
GP-59063-00	2.35
GP-59064-00	2.4
GP-59065-00	2.5
GP-59066-00	2.6
GP-59067-00	2.7
GP-59068-00	2.8
GP-59069-00	2.9
GP-59070-00	3.0
GP-59008-00	3.175

K-252 (for MFC-300S)



Model	Inside Diameter (mm)
GP-59025-00	1.6

K-253 (for MFC-300M)



Model	Inside Diameter (mm)
GP-59026-00	1.6

UNLOCK YOUR POTENTIAL TODAY!

For Over 40 years Koma Precision Inc. has partnered with Tsudakoma and Alberti, to become the North American leader in machine tool accessories. Both Tsudakoma and Alberti machine tool accessories are built to the highest standards and set the bar for excellence, quality, and performance.

Koma Precision has an installation base of over 30,000 Tsudakoma rotary tables and 25,000 Alberti angle heads and live tools, leading the way with knowledge and experience.

Knowledge and Experience Matter.

Our three facilities totaling 40,000 sq/ft, feature a full machine shop, state-of-the-art inspection and test equipment, and product demonstration showroom. Our Connecticut based headquarters also houses our multi-million-dollar inventory of new products and spare parts.



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