

KOMA

 **Alberti**

ANGLE HEAD SELECTION GUIDE



MAKINO
MAG3



ABOUT US

KOMA PRECISION

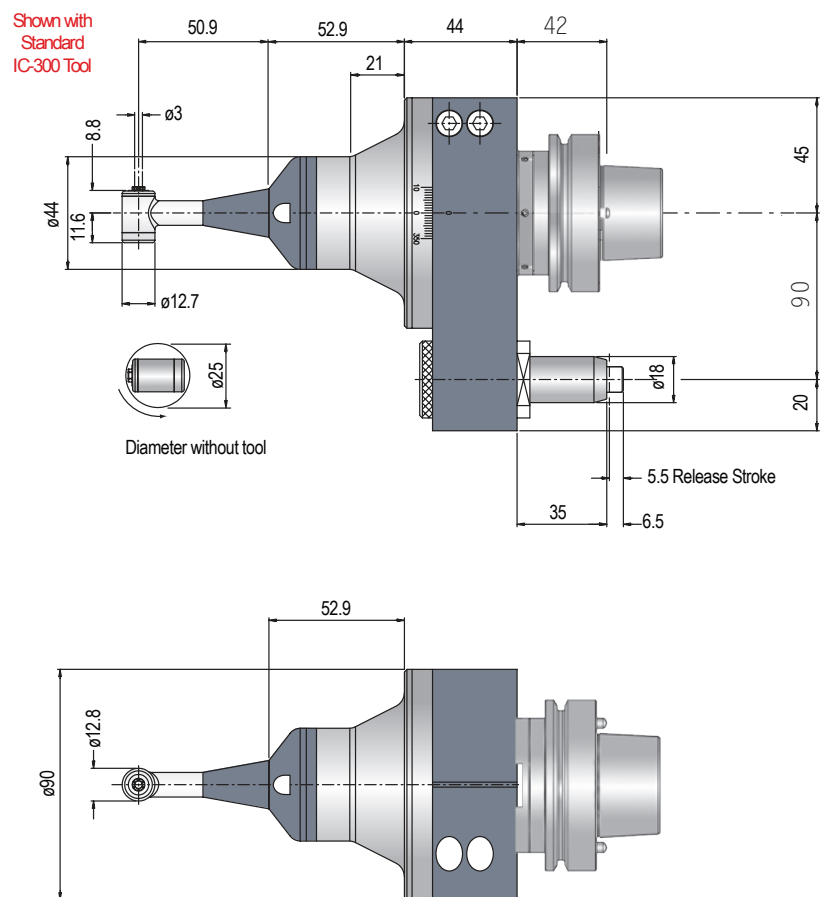
For over thirty years Koma Precision has been the foremost source for the finest the world has to offer in machine tool Productivity Innovation.

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.





DIMENSIONAL DRAWING



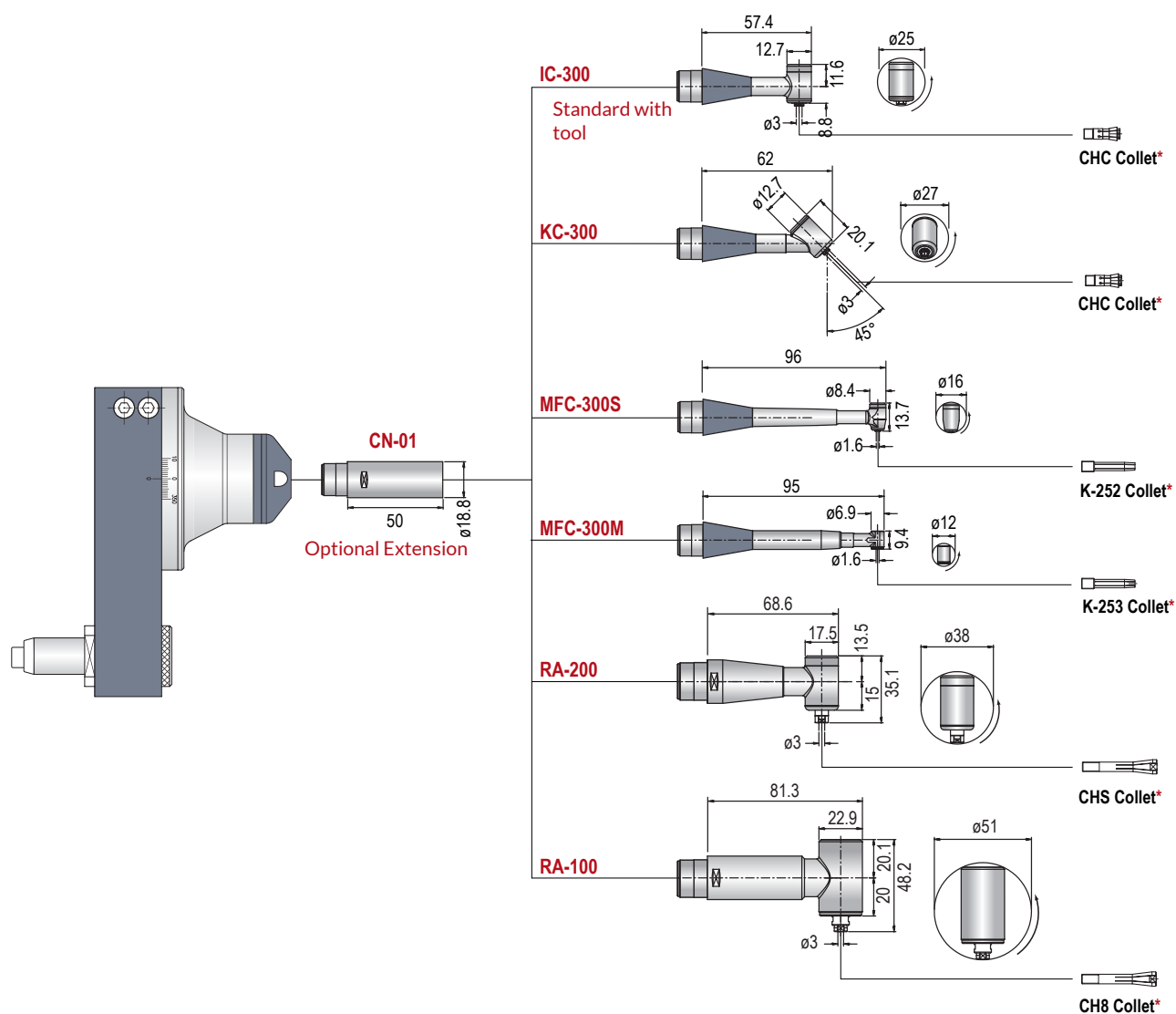
TECHNICAL DATA

T90sI-0.3	
Ratio	1 : .75
Maximum Input RPM	20,000
Weight	7.7 lbs

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



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

Technical drawing of the release tool (Werkzeug) showing dimensions and labels:

- Overall length: 185
- Radius: R=110
- Distance from handle to start of flange: 73
- Distance from handle to center of release mechanism: 33
- Distance from handle to end of release mechanism: 42
- Handle diameter: ER 8
- Handle length: 50.5
- Handle to flange distance: 16.25
- Flange diameter: 18.75
- Flange thickness: 11.5
- Flange to release mechanism distance: 99.5
- Release mechanism diameter: 45
- Release mechanism length: 90
- Release mechanism to end distance: 20
- Release stroke: 5.5
- Release mechanism to end distance (with release stroke): 35
- Release mechanism to end distance (with release stroke and 6.5): 6.5

Labels:

- Release stroke
- Corsa di sgancio
- Entriegelungsbolzen

$\varnothing 55$

$\varnothing 90$

$= 25 =$

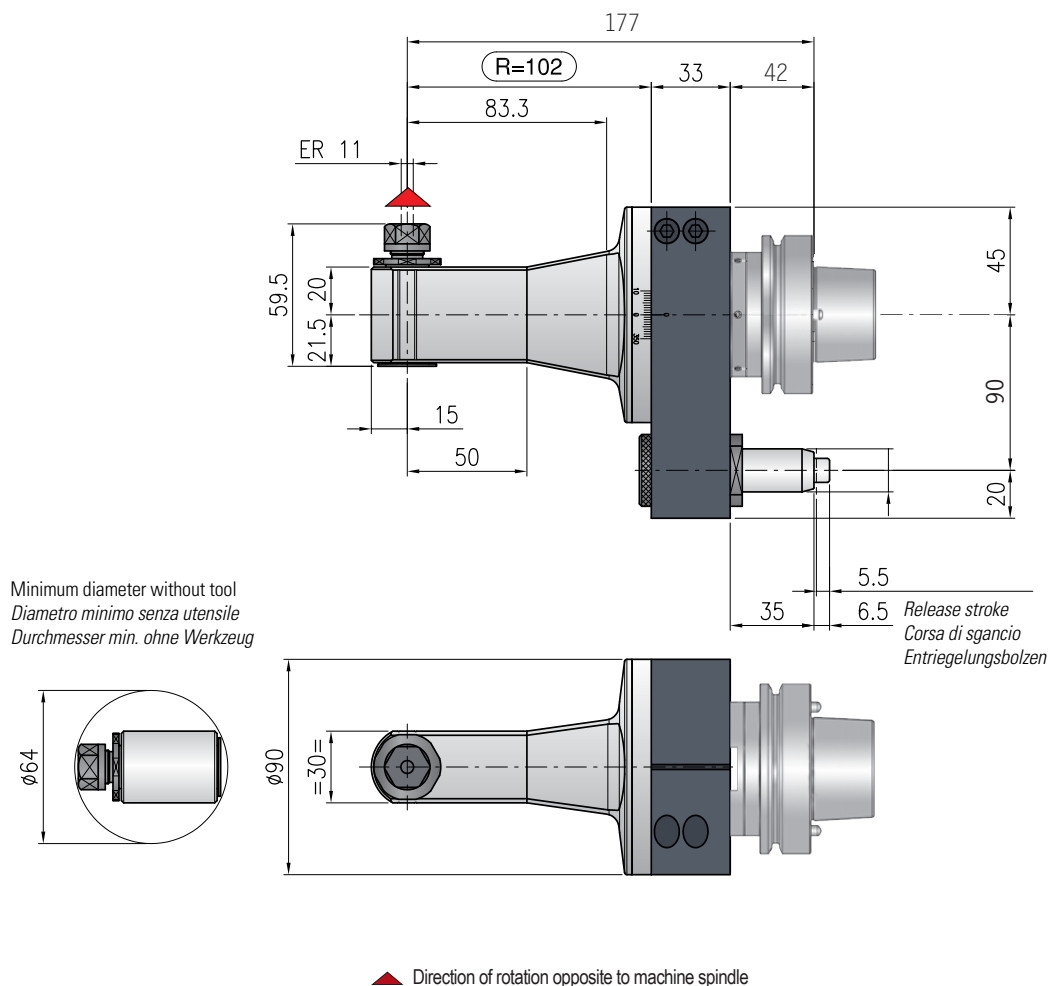
TECHNICAL DATA

| 5



T90cn-0.5

DIMENSIONAL DRAWING



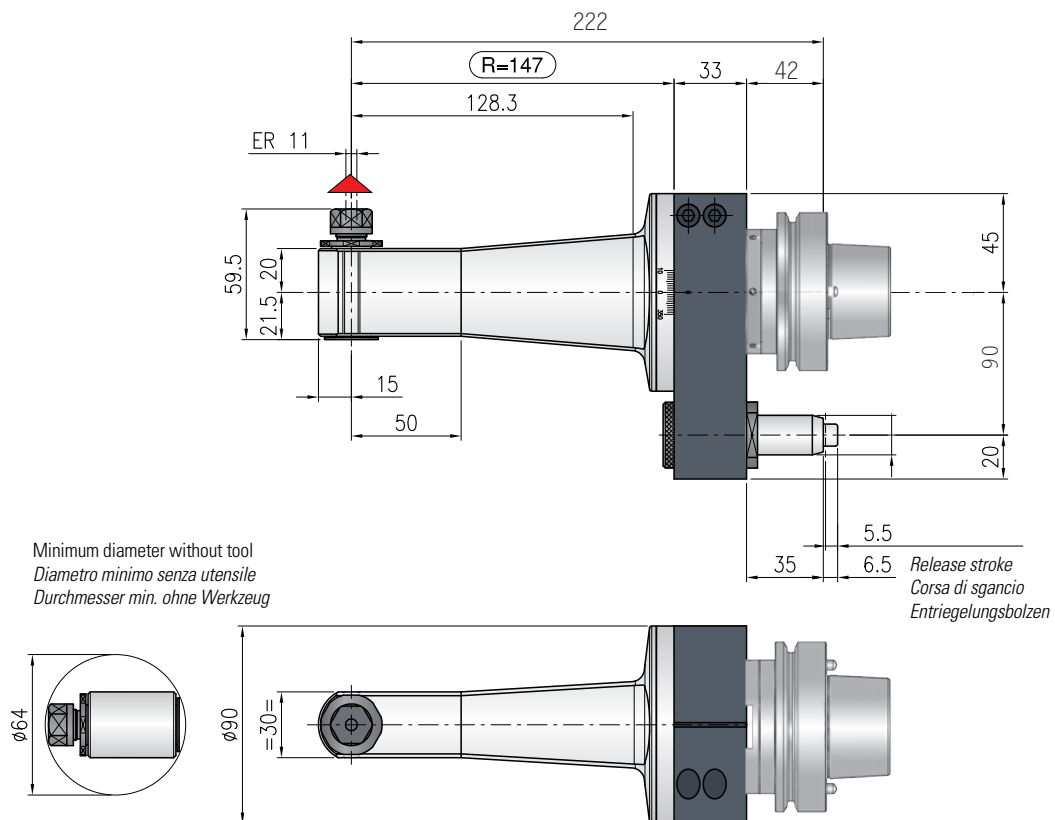
TECHNICAL DATA

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

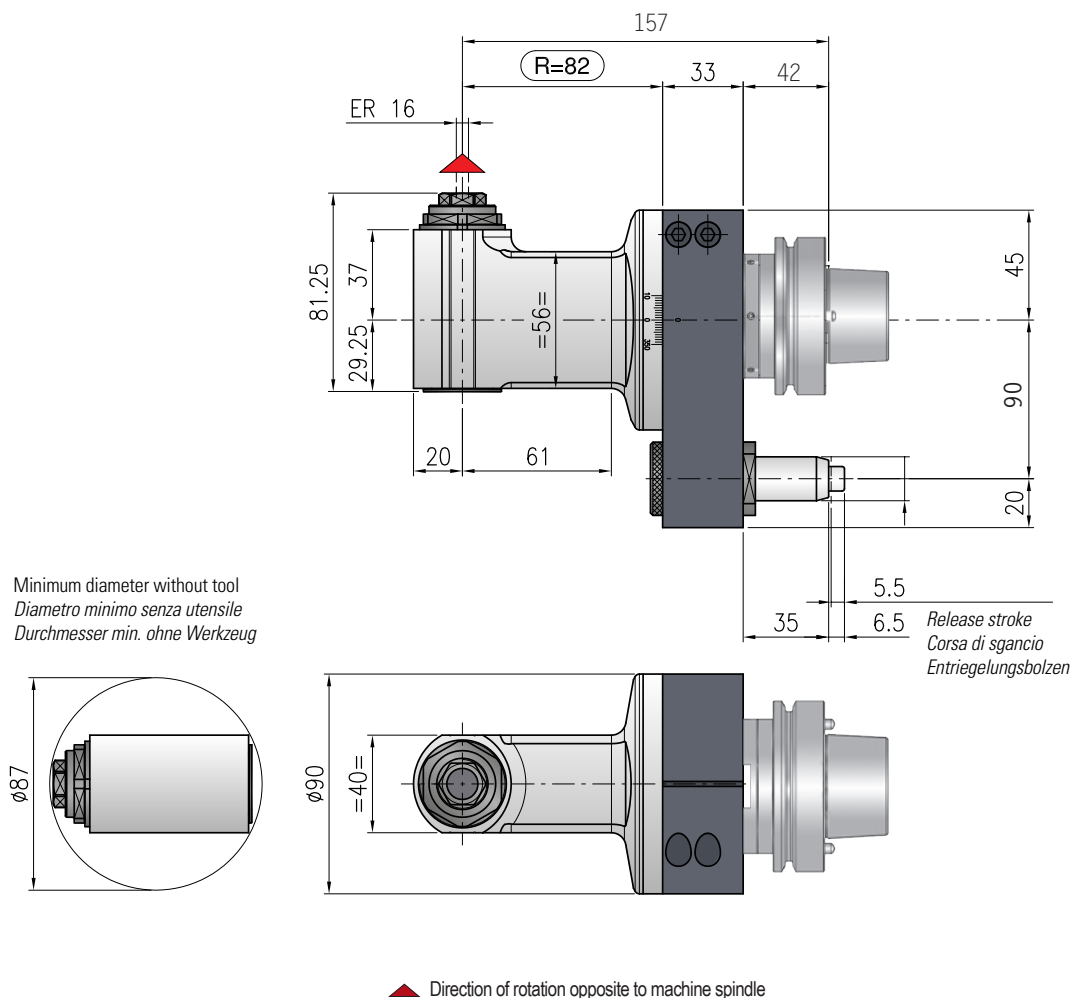
T90cn-0.5L	
Ratio	1:1
Maximum Input RPM	10,000
Weight	9.5 lbs

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



T90cn-1.5

DIMENSIONAL DRAWING



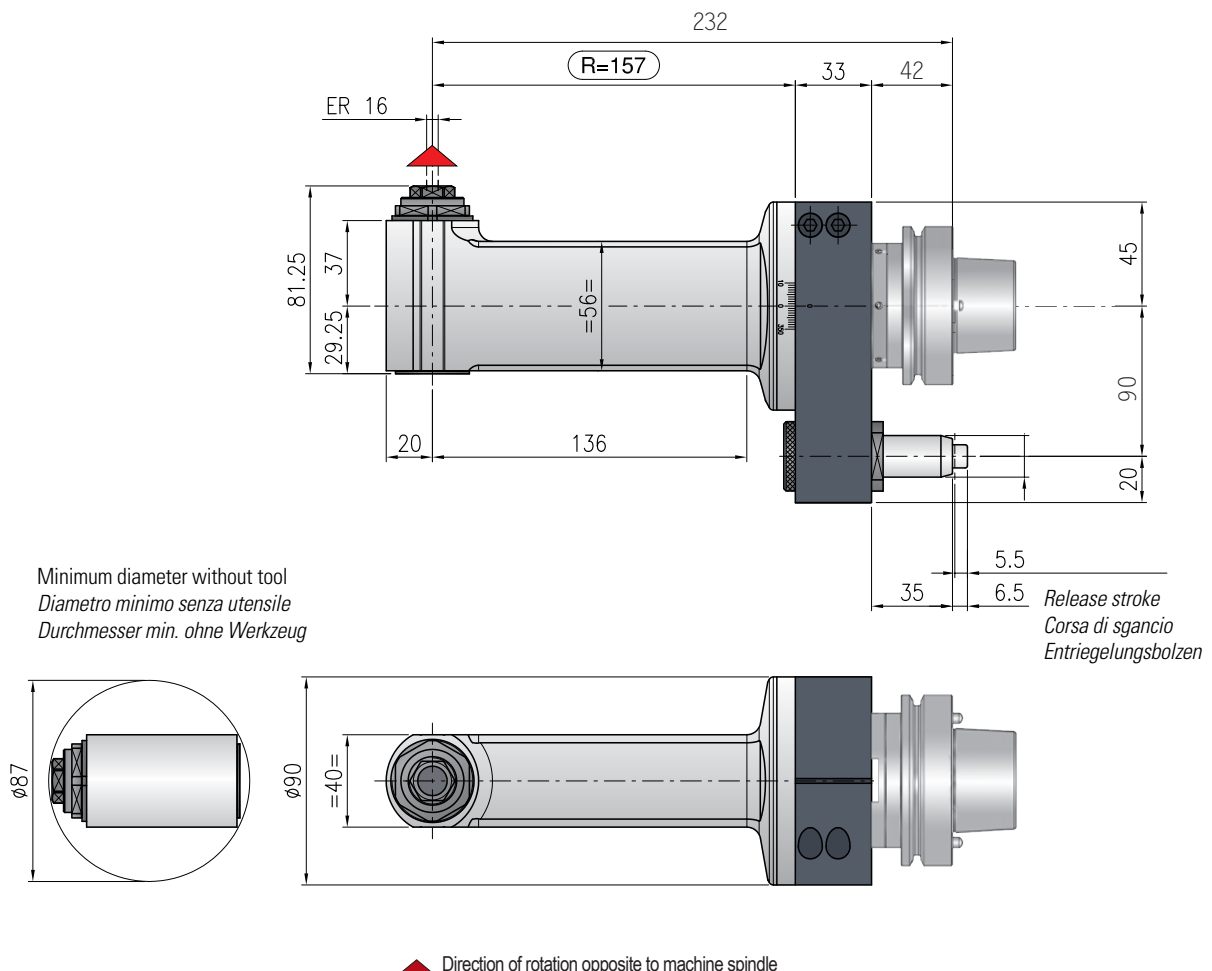
TECHNICAL DATA

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

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



DIMENSIONAL DRAWING



TECHNICAL DATA

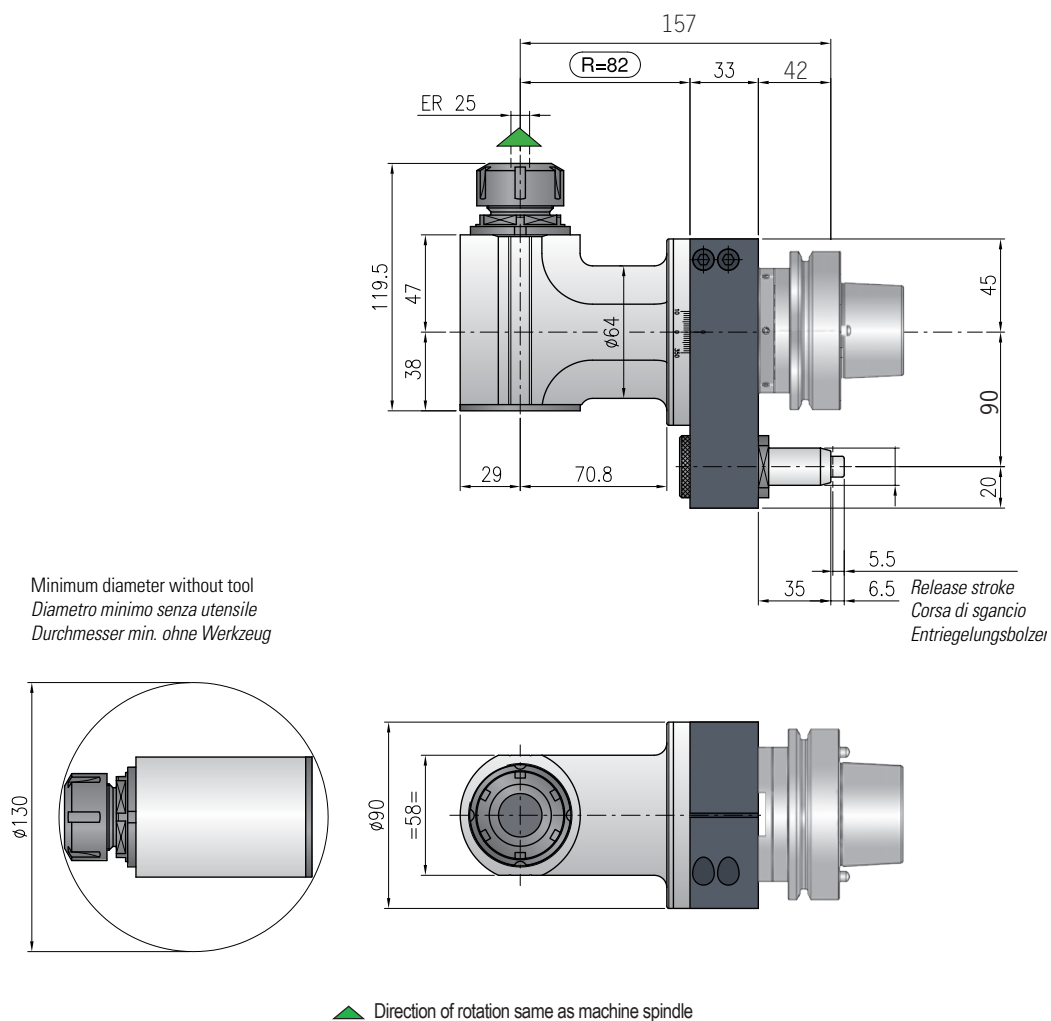
T90cn-1.5L	
Ratio	1:1
Maximum Input RPM	8,000
Weight	11.4 lbs

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



T90cn-2.5

DIMENSIONAL DRAWING

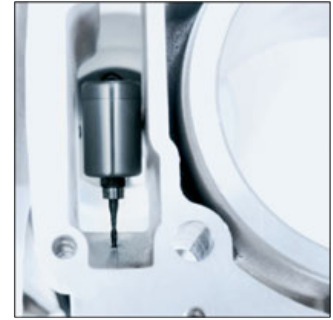
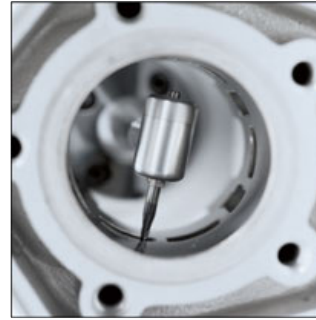


TECHNICAL DATA

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

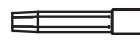


CHC (for IC-300, KC-300)



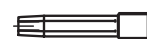
Model	Inside Diameter (mm)
GP-59021-00	1.6
GP-59024-00	2.35
GP-59015-00	3.0
GP-59010-00	3.175

CHS (for RA-200)



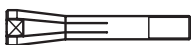
Model	Inside Diameter (mm)
GP-59027-00	0.8
GP-59028-00	0.9
GP-59029-00	1.0
GP-59030-00	1.1
GP-59031-00	1.2
GP-59032-00	1.3
GP-59033-00	1.4
GP-59034-00	1.5
GP-59012-00	1.6
GP-59035-00	1.7
GP-59036-00	1.8
GP-59037-00	1.9
GP-59016-00	2.0
GP-59038-00	2.1
GP-59039-00	2.2
GP-59040-00	2.3
GP-59041-00	2.35
GP-59042-00	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)



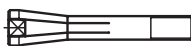
Model	Inside Diameter (mm)
GP-59047-00	0.8
GP-59048-00	0.9
GP-59049-00	1.0
GP-59050-00	1.1
GP-59051-00	1.2
GP-59052-00	1.3
GP-59053-00	1.4
GP-59054-00	1.5
GP-59055-00	1.6
GP-59056-00	1.7
GP-59057-00	1.8
GP-59058-00	1.9
GP-59059-00	2.0
GP-59060-00	2.1
GP-59061-00	2.2
GP-59062-00	2.3
GP-59063-00	2.35
GP-59064-00	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



Alberti AH for MAG3 19.0 1/25/19



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