



# Acme Gear Co.

## Producers of Precision Gears

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### GEAR MANUFACTURING CAPABILITIES

PROCESS TYPE	Min. Diameter	Max. Diameter	Max. Face Size	Max DP	Gear Quality
GEAR GRINDING	0.75"	60"	20"	1	AGMA 14
GEAR HOBBING	0.75"	60"	20"	1	AGMA 11 UPTO 36" AGMA 9 between 36"-60"
GEAR SHAVING	0.5"	24"	8"	3	AGMA 11
EXTERNAL SHAPING	0.75"	36"	6.0"	2.5	AGMA 10
INTERNAL SHAPING	2.0"	36"	6.0"	2.5	AGMA 10

### GRINDING CAPABILITIES

Type	Min. Diameter	Max. Diameter	Length	Precision
CNC Cylindrical OD	.50"	50"	62"	.0001"
CNC Cylindrical ID	.50"	40"	10"	.0001"

### TURNING CAPABILITIES

CNC Turning up to 32" Diameter x 64" Long

Manual Turning Capacity up to 42" Diameter X 64" Long

### MILLING CAPABILITIES

CNC Milling up to 40" Wide x 50" Long x 25" High

### MISCELLANEOUS

QA SYSTEM REGISTERED TO ISO 9001:2008 AS OF SEPTEMBER 2009

### MATERIAL EXPERTISE

**Steel Alloys:** 9310, 4340, 4140, 8620, 4150, Nitralloy, 31CrMoV9, A11, Titanium alloys, Various stainless steels and others. Both commercial and Aircraft quality.

**Exotic materials:** Brass, Bronze, Phenolic, Rawhide, Micarta, Delrin, Nylon, inconel, al6al-4v, aermet 100 and others.