



# Vulcan Tool Company

## VULCAN SERVICES

## Machining, Fabrication & Maintenance Solutions

### Precision Machining & Waterjet

We provide quick turn-around of details that require milling, turning, and grinding. Vulcan Tool Company has 5-axis milling and Wire/Ram EDM capability in house. Our injection mold equipment is used for sampling new molds and short production runs. In addition to traditional machining, customers rely on us for innovative 3D printing solutions. Our 5-axis Waterjet allows us to cut parts that require less secondary finishing to increasing value for our customers.

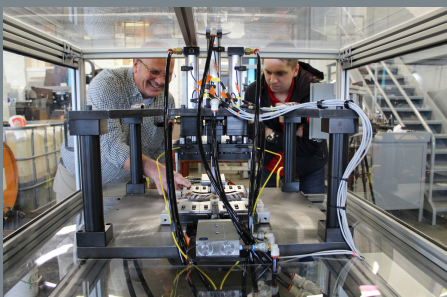


### Welding & Fabrication

Vulcan Tool Company's welders are certified to meet our customers' requirements. We join broken pieces, prepare weldments for machining, build stairs/platforms/railings and produce custom racks/bins/tables. In addition to welding aluminum, carbon steel and stainless steel, we work with copper alloys. We create flow racks and custom material handling equipment using extruded aluminum or Creform/Fastube/Flexpipe type materials.

### Machine Repair

We repair and re-manufacture machinery components including cylinders, gearboxes, pumps, motors and other critical wear parts. Vulcan Tool Company's technicians troubleshoot and repair a wide variety of equipment and control systems. In addition to electro-mechanical needs, we can address machining and welding requirements such as spline, gear, shaft, bearing surface, sleeve, and keyway repair.



### Custom Design & Build

Vulcan Tool Company's design services can help translate your vision into the part, tool, fixture or machine that you need help creating. We work with your concept to deliver the right mix of functionality, delivery and cost. Common customer projects include custom machines, controls integration, punches and dies, end of arm tooling, and prototype molds.

[VulcanToolCompany.com](http://VulcanToolCompany.com)



	<u>INCHES</u>	<u>MILLIMETERS</u>		<u>INCHES</u>	<u>MILLIMETERS</u>
	$\frac{1}{64}$ — .015625	.3969		$\frac{33}{64}$ — .515625	13.096
$\frac{1}{32}$	.03125	.7938	$\frac{17}{32}$	.53125	13.493
	$\frac{3}{64}$ — .046875	1.1906		$\frac{35}{64}$ — .546875	13.890
$\frac{1}{16}$	.0625	1.5875	$\frac{9}{16}$	.5625	14.287
	$\frac{5}{64}$ — .078125	1.9844		$\frac{37}{64}$ — .578125	14.684
$\frac{3}{32}$	.09375	2.3813	$\frac{19}{32}$	.59375	15.081
	$\frac{7}{64}$ — .109375	2.7781		$\frac{39}{64}$ — .609375	15.478
$\frac{1}{8}$	.125	3.1750	$\frac{5}{8}$	.625	15.875
	$\frac{9}{64}$ — .140625	3.5719		$\frac{41}{64}$ — .640625	16.271
$\frac{5}{32}$	.15625	3.9688	$\frac{21}{32}$	.65625	16.668
	$\frac{11}{64}$ — .171875	4.3656		$\frac{43}{64}$ — .671875	17.065
$\frac{3}{16}$	.1875	4.7625	$\frac{11}{16}$	.6875	17.462
	$\frac{13}{64}$ — .203125	5.1594		$\frac{45}{64}$ — .703125	17.859
$\frac{7}{32}$	.21875	5.5563	$\frac{23}{32}$	.71875	18.256
	$\frac{15}{64}$ — .234375	5.9531		$\frac{47}{64}$ — .734375	18.653
$\frac{1}{4}$	.250	6.3500	$\frac{3}{4}$	.750	19.050
	$\frac{17}{64}$ — .265625	6.7469		$\frac{49}{64}$ — .765625	19.447
$\frac{9}{32}$	.28125	7.1438	$\frac{25}{32}$	.78125	19.843
	$\frac{19}{64}$ — .296875	7.5406		$\frac{51}{64}$ — .796875	20.240
$\frac{5}{16}$	.3125	7.9375	$\frac{13}{16}$	.8125	20.6375
	$\frac{21}{64}$ — .328125	8.3344		$\frac{53}{64}$ — .828125	21.0345
$\frac{11}{32}$	.34375	8.7313	$\frac{27}{32}$	.84375	21.431
	$\frac{23}{64}$ — .359375	9.1282		$\frac{55}{64}$ — .859375	21.8282
$\frac{3}{8}$	.375	9.5250	$\frac{7}{8}$	.875	22.2251
	$\frac{25}{64}$ — .390625	9.9219		$\frac{57}{64}$ — .890625	22.6220
$\frac{13}{32}$	.40625	10.3188	$\frac{29}{32}$	.90625	23.0188
	$\frac{27}{64}$ — .421875	10.7157		$\frac{59}{64}$ — .921875	23.4157
$\frac{7}{16}$	.4375	11.1125	$\frac{15}{16}$	.9375	23.8126
	$\frac{29}{64}$ — .453125	11.5094		$\frac{61}{64}$ — .953125	24.2095
$\frac{15}{32}$	.46875	11.9063	$\frac{31}{32}$	.96875	24.6063
	$\frac{31}{64}$ — .484375	12.3032		$\frac{63}{64}$ — .984375	25.0032
$\frac{1}{2}$	.500	12.7001	$\frac{1}{1}$	1.000	25.4001

