

CAPABILITIES – 2015



BLANCHARD GRINDING

Part sizes up to 36" corner to corner
Part thickness or height up to 14.375"

Typically used for surface grinding of large and small plates, washers and rings, etc. The main feature of Blanchard grinding is heavy stock removal rates for all magnetic materials. Non-ferrous parts are handled at slightly lower production rates due to the holding requirements. The Blanchard will leave its trademark cross-hatched surface finish pattern, typically within a 32-125 RMS range, though better finishes are possible.

Blanchard grinding, technically referred to as rotary surface grinding, quickly removes stock from one side of a part, typically a part too large to be double disc ground. Parts as large as 25" x 25" or 20" x 30" can be Blanchard ground on our machines. Dimensional tolerances to $\pm .001$ ", parallelism to $.001$ ", and flatness to $.001$ " are achievable. Using significantly greater horsepower than other grinding methods, Blanchard grinding removes large amounts of stock quickly and efficiently.

SURFACE GRINDING

Part sizes up to 10" x 30" x 12" high

DOUBLE DISC GRINDING

Up to 9.0" max OD on through-feed grinding

Up to 8.675" square for in-feed grinding

Part thickness range: $.032 - 3.500$ "

Double disc grinding is the removal of material from a part with parallel surfaces. The metal removal takes place on both sides of the part simultaneously, with the grinding occurring on the faces of the grinding wheels producing flat and parallel sides.

