

FIREARMS COMPONENTS CASE STUDY



Weiler 3" Burr-Rx® Mini Disc Brushes

This is an example of a low pressure application where we were looking to provide an edge break on the end of each slot in the Picatinny Rail. A very fine Burr Rx filament in 120 grit was in an ideal solution to apply the edge break needed, and improve surface finish without removing excessive amounts of material or changing part dimensions.

Although this part is made of relatively soft forged aluminum, we were still able to utilize Weiler's Burr Rx technology and improve surface finish. Our ability to improve surface finish was an added bonus for the customer enabling for the elimination of a tumbling operation, saving time, resources, and money.

The brush used in this application was a 3 inch 120 grit Burr Rx filament running at 2,600 SFPM, traverse rate of 60 inches per min, and a 0.080 inch depth of interference.

