

Ceramic Media

PROPERTIES Heaviest media and fastest finisher consists of aluminum oxide abrasives . Ceramic media is generally harder and more abrasive and is customarily used for more aggressive heavy cutting applications on hard metals.

BEST USED ON Hard Metals like Stainless Steel or Iron and the deburring machined cast or fabricated parts. Can also be used on hard rubber surfaces. When finishing flat surface objects use flat media. When finishing rounded surface objects use curved media.

BENEFIT Ceramic media offers superior deburring and cutting power on metal and rubber for deburring and deoxidation. Fine threads or hanging burrs can be peened over by ceramic media whereas plastic media will notpeen the piece. for deburring and deoxidation. Ceramic Media, when used with **Raytech Cleaning Compound D**, can effectively clean metal surfaces in a short time. Ceramic media offers an aggressive cut to quickly deburr and descale many types of steel, stainless steel and rubber products. When used with a cleaning compound , it effectively cleans and deoxidizes most metals in a short time.

RESULTS Provides an aggressive cut down and quickly removes surface roughness from both detailed and smooth pieces.

SHAPES & SIZES Triangles, Angle Cut Cyclinders or Polyhedrons. Packaged in 20 or 50 pound buckets. Triangles size 5/16" x 7/8". Angle Cut size 3/8" x 7/8". Polyhedrons size 3/8".

TUMBLER MIX General rule is to use 70% media to 30% piece parts to finish best. Please note that a break-in period of 2 to 3 hours is required, usually with water. To "break- in" is a process used to "deglaze" the media to open up the surface for proper abrasion of the media to part. **Use Raytech Compound D # 41004R for best results when tumbling.**

SHAPE BENEFITS

Triangles provide for a uniform and effective finish reaching corners and slotted areas. They offer maximum deburring surface contact on flat surfaces and allow for the angled sides to penetrate into corners. The **Triangle** shape usually prevents it from lodging in holes of the piece being finished. The flat side of a straight cut triangle is a good choice for straight edges.

Angle Cut Cylinders are used to improve finish and better reach area recesses , holes, crevices. Best used on concave surfaces , rounded areas and for inner hole deburring. Less likely to get stuck in holes/recessed areas.

Polyhedrons have higher surface contact and more aggressive than triangle media. Works quickly especially on hard metals.

CAUTION: Due to its aggressive weight and grade , ceramic media is not recommended for small fine parts with threads of delicate features **CAUTION !!**

The suggestions and data in this bulletin are based on information we believe to be reliable. They are based on good faith, but without guarantee, as conditions and methods of use of our products are beyond our control.
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