



micro waterjet®

SPEEDING TICKET

July 2016

Micro Waterjet vs. Wire EDM

Microwaterjet® has many advantages over competitive processing methods.

Depending on the process, Microwaterjet® cutting can show very significant savings in time as well as maintaining the integrity and quality of the piece being cut.

We performed a side-by-side comparison of the Microwaterjet® and Wire EDM. The part cut is complex and fragile.

The following example is for the processing of this delicate watch spring.

Specifications:

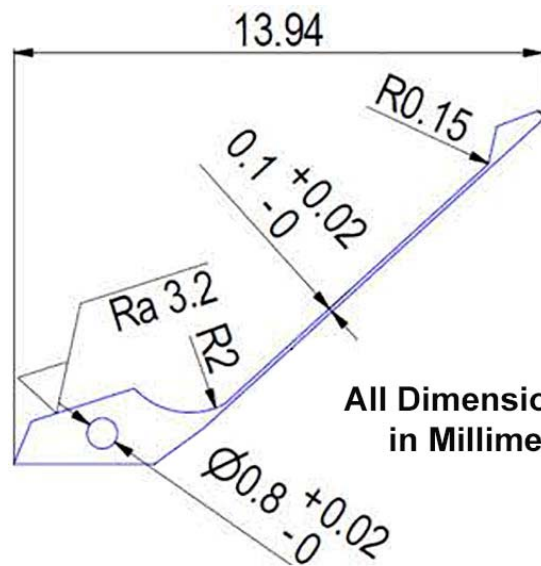
Name: Watch Spring
Material: Spring steel
Material thickness: 0.5mm

In addition to saving time processing each part, Microwaterjet® maintains the integrity of the part since it cuts without Heat Affected Zones (HAZ). This presents opportunities to cut materials with little to no biocompatibility issues or deburring. It is also possible to stack cut on the Microwaterjet® although some tapering may occur depending on the material/thickness and speed of the cut.

Processing time for Microwaterjet® vs. Wire EDM.



As you can see, the savings in machining time for Microwaterjet® compared to Wire EDM is significant.



All Dimensions are in Millimeters

To discuss how Micro Waterjet can help you achieve outstanding results with your precision parts, please contact us today!

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Fluid Precision. Flawless Results.

