High-pressure water jet deburring is particularly suitable for the deburring, swarf removal and cleaning of light metals. The burrs on the component are machined exclusively with a high-pressure water jet. BENSELER uses both freely programmable and robot-controlled systems, thus enabling the equally economical machining of individual parts and large-volume production.
HIGH-PRESSURE WATER JET DEBURRING

PROCESS FLOW
With high-pressure water jet deburring, a water jet with a pressure of up to 800 bar is directed onto the area of the workpiece to be machined. The high kinetic energy of the water jet not only quickly and reliably removes any burrs on the machining edges, but it also removes swarf and other impurities adhering to the component. BENSELER manages to reach even the edges of difficult-to-access hole intersections and drill holes by applying different nozzle concepts.

CHARACTERISTICS
- one work cycle for deburring, swarf removal and cleaning
- targeted approach and deburring of defined areas
- also suitable for larger workpieces

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