### **MARKING TOOLS**

YAMAKI-H
COOLANT DRIVEN - MICRO PERCUSSION

#### **COOLANT DRIVEN NEEDLE**





▶ The hydraulic marking tool works on the principle of dot peening.

► The carbide needle starts to oscillate as soon as the coolant system is activated.

▶ It makes deeper markings than pneumatic marking tools, because high power-pressurized coolant is used.

► Thanks to the high frequency of strokes generated by the turbine system. inside the tool, the marked text/shape appears as a contunious line.

- ▶ All stainless steel body and components.
- ▶ Tool can be used on machining centres, CNC lathes, etc. (no additional installations required)
- ▶ The spindle of the machine does not need to be rotated.









#### **MARKING TOOLS**

# YAMAKI-H COOLANT DRIVEN - MICRO PERCUSSION



MARKING DEPTH ADJUSTMENT SCREW

CHANGES THE COOLANT PRESSURE



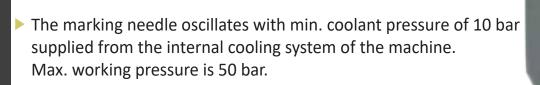


Ø20

E

mm

51



- Marking depth can be adjusted easily by the pressure adjustment screw on the tool.
- ► Needle has 5 mm axial compensation capability.

  Irregular (or curved) surfaces can be marked at the same depth.
- ▶ The carbide marking needle is almost wear-free. It can be replaced by the user.
- ▶ Marking can be done on all materials up to 62 HRC.
- ▶ Feeds more than 5'000 mm/min are possible.

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