



Stamping Punch

Machine: U6 H.E.A.T. Extreme
 Material: D2 Steel
 Thickness: 4.0 Inches
 Details: Sealed Off 1 Pass Machining

Wire Diameter	Cycle Time
0.010"Ø Brass	4 hours, 59 minutes
0.016"Ø H.E.A.T.	2 hours, 8 minutes



2.3x Faster Machining Speed (57% Reduction of Cycle Time)

Balancing speed, accuracy and cost is always a concern in the die/mold and job shop environment. Often times, the operator has to sacrifice one of these in order to achieve the other two.

Speed, accuracy, and cost - choose two. Makino has developed a technology that now allows manufacturers to choose all three.

The example above shows the speed of this technology - reducing cycle time by 57%. In addition, by using the Makino U6 HEAT Extreme equipped with the 0.016" wire, the part maintains amazing 1 Pass accuracy. This stamping punch was cut to a 0.001" (0.025mm) or better total accuracy - 0.0005" (0.012mm) per side straightness.

The Makino U6 H.E.A.T. Extreme is not a dedicated 0.016" wire machine. It retains all the Makino U-series wire size, accuracy, and surface finish capabilities. It can run on wire sizes ranging from 0.004" (0.100mm) to 0.016" (0.4mm).

And while this technology doubles your cutting speed, it does not double your wire costs. It simply cuts the parts faster.

Wire Diameter	Cycle Time	Wire Consumption	Wire Cost
0.010"Ø Brass	4 hours, 59 minutes	3.320 lbs (0.66 lbs/hr)	\$19.92 (\$6.00/lb)
0.016"Ø H.E.A.T.	2 hours, 8 minutes	1.547 lbs (0.73 lbs/hr)	\$18.56 (\$12.00/lb)

To learn more, visit www.makino.com/extreme

