

Microlite Polishing



Part Data

Work Piece: Cutlery
Operation: Polishing on American Seipmann Machine
Material: Stainless steel

Wheel Data

Size: 9" x 1/2" x 3"
Hermes Spec: SCG 46 BU70 K100 22 m/s
Competitor's Spec: KP7-8 100

Coolant Water Soluble

Process Parameters

Competitor's wheels are averaging 1200 pieces consuming 250 wheels at an annual cost of \$10,125.00. Hermes Microlite product averaged 6300 pieces consuming 48 wheels at an annual cost of \$2,880.00. In addition to the cost savings based on wheel usage additional savings included:

Competitors' product required wheel changes every shift. Hermes Microlite wheel change requirements are once every 4 to 5 shifts. Additional benefits included with the 80% reduction of wheel usage are that the coolant remains cleaner for a longer period of time. Therefore, maintenance costs are further cost savings. Size corrections are less frequent with Hermes Microlite, which provides an increase in process stability.

BCH18



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