

Creep Feed Grinding of Turbine Blades



Part Data

Work Piece: Turbine blade for power generation
Operation: Root form
Material: Inconel 738

Wheel Data

Size: 23 1/2" x 5 1/4" x 8" dual wheel set
Hermes Spec: ERT 60 E 16 V62 HZ P44 XO

Truing Data

Dressing Device: Rotary diamond disk

Machine Data Bohlm 310 DK & ELB Cam Master 1/2

Process Parameters

Hermes product Used in continuous dress creep feed grinding reduced grinding cycle time by 20%. Parts per wheel set increased from 9 to 13.

Further process information is confidential per the customer's request.

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