PISTOL BARRELS

PRODUCT DESCRIPTION: Thru Bore, 8.76mm Diameter x 75mm Long

INDUSTRY: Firearms & Defense

MATERIAL: Stainless Steel

STOCK REMOVAL: 0.130mm

CHALLENGE: Customer was using conventional honing technology. The process was inefficient and had many hidden costs due to tool setup delays, inconsistent cut time from glazed abrasives, additional cycle time due to loading and unloading parts, diameter variation causing excess load on rifling tooling.

ENGIS ADVANTAGE (ENGIS SOLUTION):

- Bore Diameter – 0.005mm Range, > 2.0 Cpk
- Roundness - < 0.005mm, > 2.0 Cpk
- Surface Finish - < 0.25 Ra > 2.0 Cpk
- Production Rate – 60 Barrels per Hour
- Machine efficiency – 97% Uptime
- Tool Change-Over – Approximately 15 minutes every 220,000 Parts
- Machine Operator Skill Rqd – Load Parts and Push Button
Engis® offers state-of-the-art technology in the design of flat lapping systems that meet the most demanding requirements.

We manufacture high-quality micron diamond & CBN with properties that ensure consistent performance in each application.

We offer a complete range of superabrasive electroplated products for precision applications.

Engis® long trusted brands include Five-Star® diamond compound.


Engis Global Presence

US Engis Corporation
Engis-Japan Co., Ltd.
Engis (Hong Kong) Ltd.
Engis Korea
Engis Asia Pacific Pte. Ltd.

Engis of Canada, Ltd.
Engis (UK) Ltd.

EUROPEAN OPERATIONS

LEADER IN SUPERABRADIVE FINISHING SYSTEMS
105 W. Hintz Road • Wheeling, IL 60090-6038
Phone: 847/808-9400
Fax: 847/808-9430
E-Mail: info@engis.com
Website: www.engis.com