

**CONTRACT SERVICES** 



# Across the USA, Stahli offers its customers state-of-the-art subcontract services from individual parts to high volume quantities.

When it's not feasible to purchase a machine, Stahli USA offers subcontracting services throughout our workshops located in North America, Switzerland, and Germany.

Stahli started in the lapping, polishing, and subcontracting business over 50 years ago. We continue the tradition today. Your product will be processed in the same manner and on the same machines that are used in the field. Our craftsmanship goes above and beyond all standards. All of our lapping and grinding experts are seasoned professionals with years dedicated to honing their skills.

If we can't do it, nobody can. When you need subcontracting, turn to the true expert in subcontracting services. Turn to Stahli USA.

#### YOUR CHALLENGE IS OUR SPECIALTY

Fine Grinding, Flat Honing, Lapping and Polishing
Certified Conformance to ISO 9001:2015 Standards



#### TECHNICAL DATA

#### **Flat Honing**

## $\begin{array}{lll} \mbox{Thickness} & \mbox{from 0.4 - 110 mm} \\ \mbox{Diameter} & \mbox{from 5 - 300 mm} \\ \mbox{Flatness} & \mbox{< 1 } \mu m \\ \mbox{Parallelism Surface} & \mbox{< 1 } \mu m \\ \mbox{Roughness} & \mbox{Ra < 0.1 } \mu m \end{array}$

#### Flat and Parallel Lapping & Polishing

Thickness Diameter Flatness Parallelism Surface roughness from 0.08 - 300 mm from 1 - 500 mm 0.0005 mm 0.0005 mm Ra < 0.005 µm

\*\*Based on Materials

#### **Deburring**

Thickness from 3mm - 11mm
Diameter from 5mm - 300mm

#### TYPES OF MATERIALS

Ceramic

Carbide

Cast Iron

Plastic

• Steel (hard and soft)

Bronze

Aluminum

And many more

#### PART MEASURING

Documentation and quality assurance allow constant monitoring and evaluation of all processes according to international standards for surface finish, flatness, thickness, parallelism & step dimension.

### CALL US TODAY FOR A QUOTE 847-719-0360 SALES@STAHLIUSA.COM

Stahli is a worldwide leader in the manufacturing of precision flat honing, lapping, and polishing machines. Our name is synonymous with the highest standards of performance, power, automation, productivity, and efficiency for customers in such diverse industries as automotive, electronics, aerospace, and ceramics. The dynamic design of our ultramodern machine line ensures precision and reliability. Stahli machines are user-friendly and environmentally sound.

#### Consultation, Sales, Machining, and Testing Centers



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