

Hand Lapping Service Kits



A leaking valve or pump caused by a defective or damaged seal can be problematic to a refinery or petrochemical plant, mainly if the nearest replacement parts or repair facility is located some distance away. Worn seals need to be repaired quickly and stationary lapping equipment may not be available at the worksite. Hand lapping of the seal can be the best solution to keep your seal in top condition and as a preventative maintenance step to extend the life of the component. The Engis Hand Lapping Service Kit has everything needed to quickly and efficiently repair seals on-site, avoiding expensive downtime and repair costs. Whether the seal is silicon carbide, Ni-resist alloy, tungsten carbide, or ceramic, the kit contains a complete set of high-quality hand lap blocks designed with an Iron Composite side for a rough lap and Copper Composite side for a good lap with precision diamond lapping compound.

Hyprez Lapping Kit LAP.KIT Contains:

- One 10" diameter dual face waffle pattern lap plate (one side composite iron, the other side composite copper)
- Plate Flatness Tools (18" inch straight edge, monochromatic light, quartz optical flat, hand texturing tool, lap plate charging tool)
- One bottle each of engineered 3 micron and 15 micron diamond slurry
- One syringe each of precision 3 micron and 15 micron diamond compound
- One bottle of low-viscosity, water soluble lubricant
- One lightweight case designed for easy transport to the job site



Hyprez Lapping Kit LAP.KIT 001 Contains:

- One 12" diameter dual face spiral pattern lap plate (one side composite iron, the other side composite copper)
- One Hyplicator® of precision 3 micron diamond compound
- One Hyplicator® of precision 15 micron diamond compound
- One bottle of low-viscosity, oil soluble lubricant
- One lightweight case designed for easy transport to the job site



Hyprez Lapping Kit LAP.KIT.002 Contains:

- 15 lap blocks designed for orifice sizes from 'D' to 'T2'
- One Hyplicator® of precision 3 micron diamond compound
- One Hyplicator® of precision 15 micron diamond compound
- One lightweight case designed for easy transport to the job site



Typical Markets:

- Petroleum Refineries
- Gas Transmission Pipelines
- Power Plants
- Offshore Oil & Gas Drilling Platforms
- Desalination Facilities
- Automotive Performance Shop
- MRO's & General Purpose

Additional Advantages:

- Reduce disposal costs of damaged seals
- Engineered lapping plates and diamond compounds are provided for both rough lapping and final finish operations.
- Engis diamond compounds provide superior finishes without sacrificing cut rate.
- Rugged, protective storage case resists impact and moisture damage to the components; ideal for work sites and tropical environments.



World Leader in Superabrasive Finishing Systems



Lapping & Polishing



Superabrasive Tools



Bore Honing Systems



Engis® offers state-of-the-art technology in the design of flat lapping systems that meet the most demanding requirements.

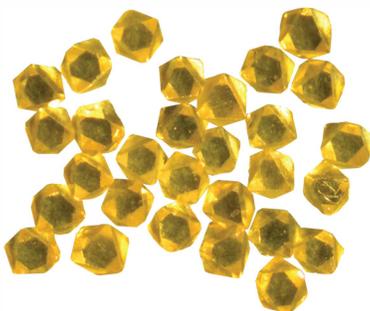


We offer a complete range of superabrasive electroplated products for precision applications.



Multi-Stroke Honing, Single-Pass Bore Finishing & Single-Pass Dual Bore Finishing Systems, Complete Machine Design, Tools & Process Development

Superabrasive Powders



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

Mold & Die Polishing



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

Engis Global Presence



US Engis Corporation



Engis of Canada, Ltd.



Engis Japan Co., Ltd.



Engis (Hong Kong) Ltd.



Engis Lapping & Grinding Technology Co., Ltd.



Engis Korea Co., Ltd.



Engis Asia Pacific Pte. Ltd.



Engis UK Ltd. EUROPEAN OPERATIONS

Engis

ENGIS® CORPORATION
Leader in Superabrasive 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

SN:HY20210713