

CONSUMABLES

STÄHLI
FEELING FOR FINISHING

Diamond Slurry

Stahli USA develops, formulates, and mixes diamond slurries for a variety of industries. Our formulation will be specific to your application.

The specification of a diamond slurry plays a critical role not only in the quality of finished workpieces, but also, in throughput rates. Improper slurry formulation can influence surface finish, stock removal, and overall reproducibility of the finished component.

FEATURES

- Monocrystalline and polycrystalline diamond powders are used.
- Water based, water soluble, and oil based vehicle options ensure our customers have the best possible solution for each application.
- In-house mixing allows Stahli USA to be price competitive.
- Raw materials are stocked.
- Each application is treated differently.
- We have 60+ years of experience behind our product lines.



APPLICATIONS

- Stahli USA diamond slurries supports the following polishing machines and more:
  - -Stähli
  - -Lapmaster
  - -Engis
  - -Norton
  - -Peter Wolters
  - -Custom / Homemade
- Metallography
- Chemo-Mechanical Polishing (CMP)
- Superconductor Industry
- Optics Industry
- Aerospace and Automotive Applications



YOUR CHALLENGE IS OUR SPECIALTY

Flat Honing, Lapping, and Polishing

STAHLIUSA.COM

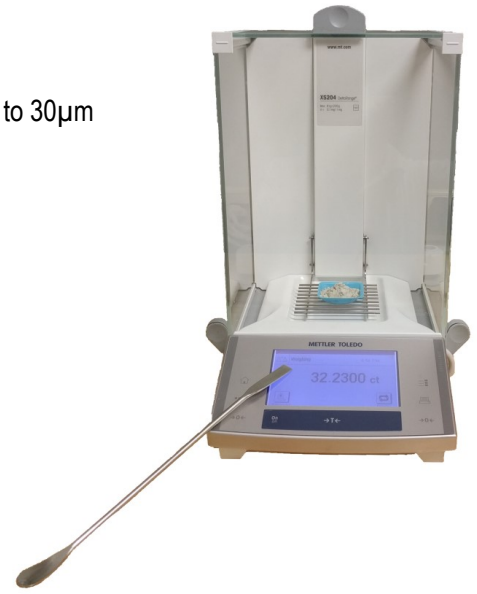


Diamond Slurry Options

Crystal Type:	Monocrystalline and Polycrystalline Diamond
Crystal Micron Size:	Monocrystalline - 0.1µm to 70µm
	Polycrystalline - 0.25µm to 30µm
	Polycrystalline Fine Particle Distribution - 0.03µm to 30µm
Vehicle Types:	Water Based - 60cP to 325cP
	Water Soluble - 5cP to 800cP
	Oil Based - 4.5cP to 350cP







Stahli is one of the leading companies worldwide in manufacture of precision lapping, flat honing, 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 you precision and reliability. Stahli machines are user-friendly and environmentally sound.

Consultation, Sales, Machining, and Testing Centers

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