

CONSUMABLES

Diamond Slurry

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

The specification of Diamond Slurry plays a critical role not only in 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
- ◆ Water Based, Water Soluble and Oil Based Vehicle Options Ensure our Customers have the Best Possible Solution for Each Application
- ◆ In-House Mixing Allows Stähli USA to be Price Competitive
- ◆ Stocked raw material
- ◆ Each Application is Treated Differently
- ◆ 60+ Years of Experience Behind Our Product Lines



APPLICATIONS

- ◆ Stähli Slurry Supports the following Polishing machines and more:
 - Stähli
 - Lapmaster
 - Engis
 - Peter Wolters
 - Custom / Homemade
 - Norton
- ◆ Metallography
- ◆ Chemo-Mechanical Polishing (CMP)
- ◆ Superconductor Industry
- ◆ Optics Industry
- ◆ Aerospace and Automotive Applications



STÄHLI
FEELING FOR FINISHING



Diamond Slurry Options

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



Stähli 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. Stähli machines are user-friendly and environmentally sound.

Consultation and Sales, Machining and Testing Centers



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