

### **APPLICATIONS**

Used to dress and sharpen (expose the crystals) abrasive products.

Also used in superfinishing and honing operations for materials such as:

- Stainless Steel
- Cast Iron
- Hard Chrome
- Hardened Steels

### **BENEFITS**

- Extends life and improves performance of abrasive tools
- Surface treatments available for vacuum retention
- Various mesh sizes and hardnesses to match your process
- Custom sizes available to meet your application needs

### **DRESSING & HONING-PLATES & STICKS**

*Vitrified Bond with  
Diamond, CBN,  
Silicon Carbide or  
Aluminum Oxide*



## ***DRESSING & HONING-PLATES & STICKS***

*Vitrified Bond with  
Diamond, CBN,  
Silicon Carbide or  
Aluminum Oxide*

### ***FEATURES***

---

- Accurately controlled structure to meet application requirements.
- Abrasive crystals available as small as 1500 grit (1-2  $\mu\text{m}$ ) and as large as 280 grit (37  $\mu\text{m}$ ), with tightly controlled particle size distribution (PSD).
- Abrasive crystals can be diamond (natural and synthetic), CBN or conventional silicon carbide or aluminum oxide.

### ***ENGINEERED SOLUTIONS***

---

ITI can design and fabricate dressing and honing sticks and plates, to suit your application requirements.

ITI has been producing high precision tooling since 1961. ITI products are fabricated at our 65,000 square foot facility in Oxnard, California, USA. Only the highest quality abrasive crystals and bond materials are used. Critical properties of crystals such as friability, size, shape, concentration, along with bond strength and structure are all carefully considered during the design stage to ensure optimized performance. ITI's engineering staff is proficient in working with customers to provide the best solution for each application.



1111 S. Rose Ave  
Oxnard, CA 93033 USA  
Phone: (800) 266-5561  
Phone: (805) 483-1111  
Fax: (805) 483-6302  
tech@iti-abrasives.com  
www.iti-abrasives.com