



AICrN Product Guide

Our AICrN PVD Coatings are specifically designed to be adaptable for multiple applications. With professional, experienced Engineering Technicians and tribology laboratories, we create solutions to assist you in choosing the AICrN coating to best fit your manufacturing needs.

COATING	BENEFITS / COMMON USE
AICrN	Superb hot hardness with extraordinary wear resistance under extreme mechanical stress. Common use: Machining such as Cutting Tools and Inserts
AICrN+	Perfect for high temperature work. Common use: Die Casting, Erosion Resistance
AICrN-HC	Ideal for coating PM tool steels used in cold work applications. Enhances performance of precision instruments under extreme compressive loads. Common use: Punches, Dies, Stamping, Coining, Beverage Industry, Powdered Metal Industry
AICrN-HC+	A dual level approach to combat wear resistance. Perfect for high compression, low temperature work. Common use: Punches, Dies, Stamping, Coining

- ◆ Innovative coating designed to extend tool life
- ◆ Extraordinary wear resistance under harshest environments
- ◆ Often can be removed without finish degradation and reapplied easily
- ◆ High degree of process repeatability
- ◆ For enhanced performance of precision instruments
- ◆ Our proprietary L35 dry film lubricant can be applied to further improve tool life

937.278.2060

1926 E. Siebenthaler Avenue
Dayton, Ohio 45414

info@webdct.com
www.webdct.com

847.888.8110

1750 B. Todd Farm Drive
Elgin, Illinois 60123

info@chicagocoating.com
www.chicagocoating.com