

PVD Coating Trade Name Cross Reference

This chart details the coating offerings and trade names or designations used by SECA members to describe a variety of coating chemistries. It should not be assumed that all coatings listed for a particular chemistry are all the "same". Exact coating properties are determined by the specific technology used, and a number of varying technologies may be used by SECA members to produce a particular coating. The specific properties of the individual coatings along with their recommended applications may be viewed by going to the individual member web site found on the Directory of Members-Full page, or by contacting the Member directly.

Generic Coating Material Chemistry	Balzars, Inc. Amherst, NY 800-435-5010 <a href="http://www.bus.balzars.com">www.bus.balzars.com</a>	Brycoat Safety Harbor, FL 800-989-8788 <a href="http://www.brycoat.com">www.brycoat.com</a>	Gleason Cutting Tools Loves Park, IL 815-877-8900 <a href="http://www.gleason.com">www.gleason.com</a>	Gold Star West Branch, MI 800-686-3151 <a href="http://www.goldstarcoatings.com">www.goldstarcoatings.com</a>	Hardcoating Tech. Munroe Falls, OH 330-686-2136 <a href="http://www.hardcoating.com">www.hardcoating.com</a>	Ionbond LLC Madison Heights, MI 248-398-9100 <a href="http://www.ionbond.com">www.ionbond.com</a>	Metallurgical Processing New Britain, CT 877-264-9522 <a href="http://www.mpimetaltreating.com">www.mpimetaltreating.com</a>	Sputtek, Inc. Toronto, ON 416-213-9833 <a href="http://www.sputtek.com">www.sputtek.com</a>	Vergason Technology Van Etten, NY 607-589-4429 <a href="http://www.vergason.com">www.vergason.com</a>
Titanium Nitride (TiN)	Balinit A	Titanium Nitride	TiNite	Titanium Nitride	Ti-Namite	IonBond 7-22	BETA	Titanium Nitride	S-TiN
Ti <sub>2</sub> N (Di-Titanium Nitride)							GAMMA		
Titanium Carbonitride (TiCN)	Balinit B	Titanium Carbonitride	CarboNite	StarForce (TiN/Ti(C,N))	Ti-NamiteC	IonBond 7-22C	ALPHA	Titanium Carbonitride	TICANOX®
Titanium Aluminum Nitride (TiAlN)	Balinit Futura Nano Balinit X.Treme	Titanium Aluminum Nitride	AlNite	AdvantaStar	Ti-NamiteA	IonBond 7-22A	UNIVERSAL	Titanium Aluminum Nitride	TINALOX® ALOX®
Aluminum Titanium Nitride (AlTiN)						IonBond 7-13T			
Aluminum Chromium Nitride (AlCrN)	Balinit Alcrona								
Titanium Diboride (TiB <sub>2</sub> )									CC-ALUSPEED
Chromium Nitride (CrN)	Balinit D	Chromium Nitride				IonBond 7-24		Chromium Nitride	CatArc-CrN
Chromium Carbide (CrC)	Balinit CAST					Ultracast			
Zirconium Nitride (ZrN)		Zirconium Nitride				IonBond 7-40			
Dry Film Lubricants:									
Molybdenum Disulfide (MoS <sub>2</sub> )						MoST®		Molybdenum Disulfide	
Tungsten Disulfide (WS <sub>2</sub> )		Tungsten Disulfide							
Carbon-based Coatings:									
Amorphous Carbon	Balinit C (WC/C)								
Diamond Like Carbon	Balinit Triton					Graphit-iC			
CVD Diamond PVD Diamond	Balinit Diamond					TetraBond®			
Duplex Coatings:	Balinit Hardlube (WC/C on TiAlN)			AvantaStar Plus (Ti,Al)+CN solid Lubricant)				5-24-04 Draft	