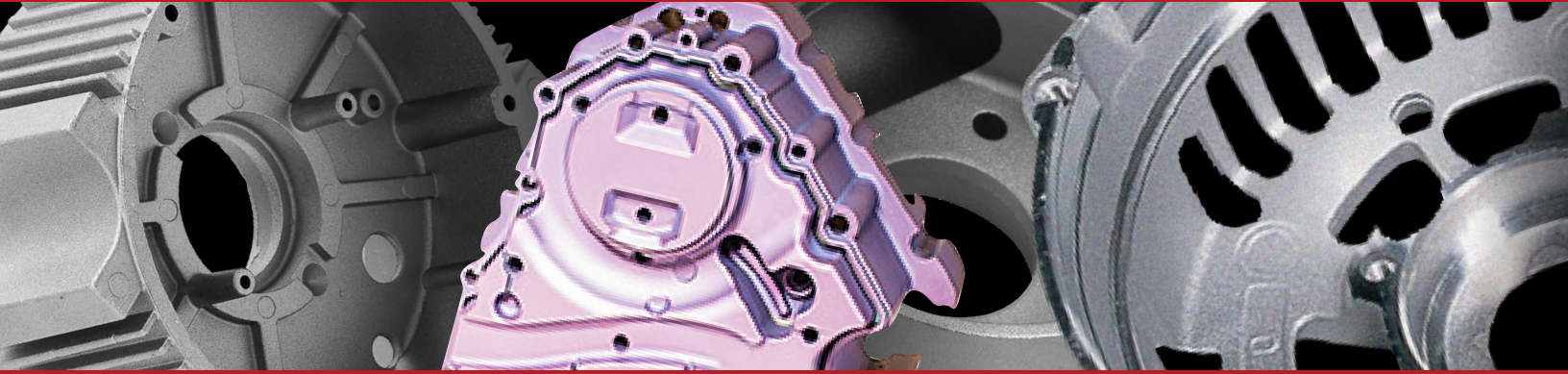


Aluminum Die Cast / Extrusion

Coating Portfolio



Tools Cope Pins | Inserts | Forms

Historical Index	Coating	Composition	Coating Architecture				Applications			Properties				
			Single Layer	Multilayer	Gradient	Duplex	Al Alloyed with Low Si Content	High Alloyed Al	High Pressure Casting	Maximum Thickness, μm	Hardness HV ± 200	Thermostability $^{\circ}\text{C}$	Case Hardening Layer Thickness, μm	Colour
PERFORMANCE COATINGS														
-	CRN	CRN	+			+	+			10	2000	800	50-70	Silver
-	V10	VCN	+		+	+	+			10	2500	700	50-70	Yellow
-	All-Cast	CrN/TiAl(Si)N		+		+	+	+		10	3300	900	50-70	Dark Purple
ADVANCED HIGH-PERFORMANCE COATINGS														
New	All-Cast V	VN/TiSiN		+		+	+	+	+	10	3700	1000	50-70	Dark Bronze
New	Cralon-Cast	CrN/AlCr(Si)N		+		+	+	+	+	12	3500	1100	50-70	Grey
New	Cralon V	VN/AlCr(Si)N		+		+	+	+	+	12	3500	1100	50-70	Grey