

Abrasion														
Determine impact/abrasion balance to determine best product selection.														
Product Description and Contents	Buildup		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#10	Specialty Products
	General Purpose and Carbon Steels	Multipurpose for All Steels	Austenitic Products	Low Rc Martensitic	High Rc Martensitic	Boron Carbide	Low Chrome Carbide	Titanium Carbide	Moderate Chrome Carbide	Stabilized Chrome Carbide	High Chrome Carbide	Complex Carbide	Tungsten Carbide	Cobalt, Nickel, Chrome, Boron
General Description	Torch cuttable	Non-torch cuttable, work hardens in use	High Manganese	Moderate abrasion resistance and high impact	Good abrasion resistance and significant impact	Good abrasion resistance and moderate impact	Very good abrasion resistance, minimal impact	Good abrasion resistance with improved corrosion resistance	Very good abrasion resistance, little impact	Good abrasion resistance with improved corrosion resistance	Very good abrasion resistance, little impact	Very good abrasion resistance in corrosive environment	Maximum abrasion resistance	High heat, metal to metal
Applications			Large rock crusher rolls	Large crushers	Medium rock crushers	Fine particle wear	Gravel crushers	Fine particle wear	Auger flights	Dredge pumps	Fork lift tines	Coal oven chutes	Earth core drill	-
			Crushing hammers	Hard but machinable applications	Blade edges and debarkers	Screw conveyors	Chutes - Volleyball size rocks	Buckets - Rock and coal	Chutes - Softball size rocks	Screw conveyor	Chutes - Sand, coal, gravel, etc.	Coke pushers	Coal augers	-
			2 foot boulder at 5 foot drop		Leading edge of buckets	Chromium-free hardfacing	Mining truck beds - Small and medium rock		Mining truck beds - Dirt and sand			Cement paddles		-
Brazing Alloys	-	-	-	-	-	-	-	-	-	-	-	-	75	79
Wire Alloys	VX-GP	7770M-FC (706FC) VX-MP	7109M-FC (282FC) VX-H1	7540M-FC	7500M-FC (281FC) VX-H3	VX-H4	(284FC) VX-H5	VX-H6	VX-H7	-	7310M-FC	7000M-FC VX-H10	-	MAD-H 65 and 75
Tubular Alloys	-	-	-	-	-	-	-	-	7350 (247)	7370 (248)	7330 7355 (246)	7220 7222A	-	-
Stick Alloys	-	7770, 706	777 7108	-	-	-	711 284	-	-	-	-	7000	-	747
Plate	-	-	-	-	Certa Plates (201)	-	-	-	Dim 1 (Single)	-	-	-	-	-

When comparing products in the same group, use the following codes to help differentiate products.
 ^ = Higher alloyed product
 ! = Better corrosion resistance
 () = Certanium® product