



**KIMBALL
MIDWEST**

**ABRASIVES
COMPARISON CHARTS
& REFERENCE GUIDE**

SURFACE CONDITIONING DISCS

	BEST	GOOD
DISC	Kim-Brite XL™	Kim-Brite
ABRASIVE GRAIN	Ceramic	Aluminum Oxide
BEST USE	<ul style="list-style-type: none"> Exceptionally fast surface prep Lasts 2-3 times longer than standard discs Removes light scratches, flashing, light rust & oxidation and gasket material Provides light deburring and blending of ground out welds 	<ul style="list-style-type: none"> Quick & easy general surface prep. Removes light scratches, flashing, light rust & oxidation and gasket material Provides light deburring and blending of ground out welds



STRIPPING DISCS - PAINT AND RUST

	BEST	GOOD
DISC	Crud-Buster Super-Max™	Crud-Buster Max™
ABRASIVE GRAIN	Ceramic Alumina	Aluminum Oxide
BEST USE	<ul style="list-style-type: none"> Heavy duty surface prep Lasts up to 4X longer Removes up to twice as much rust, corrosion, paint and coatings 	<ul style="list-style-type: none"> General purpose surface prep Flexible & conformable Strips and cleans without removing stock



SURFACE PREP DISCS

	BEST	GOOD
DISC	Kim-Brite Surface Maximizer	Surface prep conditioning discs
ABRASIVE GRAIN	Aluminum Oxide	Aluminum Oxide
BEST USE	<ul style="list-style-type: none"> Aggressive surface conditioning & fine finishing in one disc. Lasts up to 10X longer 	<ul style="list-style-type: none"> Heavy duty cleaning and polishing. Conforms to the work piece. Removes corrosion, paint, and rust



FLAP WHEELS

	BEST	GOOD
DISC	Crimson-Fire™ High Performance	Aluminum oxide flap wheel
ABRASIVE GRAIN	Premium Ceramic	Aluminum Oxide
BEST USE	<ul style="list-style-type: none"> Fastest stock removal & longest lasting Ferrous and non-ferrous metals 	<ul style="list-style-type: none"> Consistent grinding and finishing Flexible, non-loading flaps conform to irregular shapes



GRINDING DISCS



	BEST		BETTER		GOOD	
DISC	Crystal-Kut™	Dark-Fire™	Crimson-Fire™	Orange "Blaze"	Kim-Kut	Coral-Kut
ABRASIVE GRAIN	Diamond	Ceramic Matrix	Ceramic		Zirconia with Grinding Aid	Compact Grain Aluminum Oxide
COLOR	Silver	Gray	Red	Orange	Green	Maroon
BEST USE	<ul style="list-style-type: none"> Longest life Hard to grind materials 	<ul style="list-style-type: none"> Our best performing disc on mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals 	<ul style="list-style-type: none"> Rapid stock removal Mild steel, stainless steel, alloy steels 		<ul style="list-style-type: none"> Stock removal Ferrous & non-ferrous metals 	<ul style="list-style-type: none"> Long life Fine grinding & finishing

GRINDING WHEELS



WHEEL LIFE

	BEST			BETTER		GOOD	SPECIAL PURPOSE
DISC	Crystal-Kut™	Dark-Fire™ Flamethrower	Super-Maxx Lightspeed™	Kim-Kut Super-Maxx™	Kim-Kut Ultra	Kim-Kut Zirconia	Kim-Kut SST
ABRASIVE GRAIN	Diamond	Ceramic	Premium Ceramic	Ceramic	Proprietary Grain	Zirconia	Composite Construction
BEST USE	Steels, stainless steels, hardfacing alloys, ductile iron, cast iron, ceramics, masonry, composites and more	<ul style="list-style-type: none"> Longest lasting wheel on mild steel, stainless steel Most ferrous and non-ferrous metals 	<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous or non-ferrous metals 	<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous or non-ferrous metals 		<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous or non-ferrous metals 	Grinding and blending on stainless steel and aluminum

SPEED OF CUT

	BEST			BETTER		GOOD	SPECIAL PURPOSE
DISC	Dark-Fire™ Flamethrower	Kim-Kut Ultra	Kim-Kut Super-Maxx Lightspeed™	Kim-Kut Super-Maxx™	Crystal-Kut™	Kim-Kut Zirconia	Kim-Kut SST
ABRASIVE GRAIN	Ceramic	Proprietary Grain	Premium Ceramic	Ceramic	Diamond	Zirconia	Composite Construction
BEST USE	<ul style="list-style-type: none"> Most aggressive stock removal Steels, steel alloys and stainless steel 	<ul style="list-style-type: none"> Extremely fast stock removal Steel, stainless steel or aluminum (Kim-Kut Ultra Aluminum) 	<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous or non-ferrous metals 	<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous or non-ferrous metals 		<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous or non-ferrous metals 	<ul style="list-style-type: none"> Grinding and blending Stainless steel and aluminum

CUTTING WHEELS

WHEEL LIFE



	BEST		BETTER		GOOD		GENERAL PURPOSE
DISC	Crystal-Kut™	Endura-Maxx™	Kim-Kut Super-Maxx 2™	Kim-Kut Super-Maxx™ **	Kim-Kut Super-Maxx Lightspeed™	Kim-Kut Zirconia	Kim-Kut
ABRASIVE GRAIN	Diamond	Ceramic	Non-contaminating premium grain		Ceramic	Zirconia	Ceramic coated aluminum oxide
BEST USE	<ul style="list-style-type: none"> Hard to grind materials 	<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals 	<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals 		<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals 		<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals

** Use on high torque grinders

SPEED OF CUT

	BEST	BETTER		GOOD			GENERAL PURPOSE
DISC	Kim-Kut Super-Maxx Lightspeed™	Kim-Kut Super-Maxx 2™	Kim-Kut Super-Maxx™ **	Endura-Maxx™	Crystal-Kut™	Kim-Kut Zirconia	Kim-Kut
ABRASIVE GRAIN	Ceramic	Non-contaminating premium grain		Ceramic	Diamond	Zirconia	Ceramic coated aluminum oxide
BEST USE	<ul style="list-style-type: none"> Our fastest wheel 	<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals 		<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals 			<ul style="list-style-type: none"> Mild steel, stainless steel, alloy steels Most ferrous and non-ferrous metals

** Use on high torque grinders

FLAP DISCS



	BEST	BETTER	GOOD	
DISC	Dark-Fire™	Crimson-Fire™ & Crimson-Fire™ Flex	Ultra Max™	Ultra
ABRASIVE GRAIN	Ceramic matrix	Premium crimson ceramic	Zirconia with non-loading grinding aid	Zirconia
BEST USE	<ul style="list-style-type: none"> Heavy stock removal 	<ul style="list-style-type: none"> Stock removal Finer finishing 	<ul style="list-style-type: none"> Stock removal Ferrous and non-ferrous 	<ul style="list-style-type: none"> Stock removal Finer finishing metals



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