



**KIMBALL
MIDWEST**
EST. 1923

ABRASIVES COMPARISON CHARTS & REFERENCE GUIDE

SURFACE CONDITIONING DISCS

	BEST		GOOD
DISC	Kim-Brite XL™	Kim-Brite™ Abrasive Brushes	Kim-Brite™
ABRASIVE GRAIN	Ceramic	Abrasive Coated Nylon	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 and oxidation and gasket material Provides light deburring and blending of ground out welds 	<ul style="list-style-type: none"> Non-Loading & Non-Gouging Conforms to curves and contours Removes paint, coatings, light rust, gasket material and more 	<ul style="list-style-type: none"> Quick and easy general surface prep Removes light scratches, flashing, light rust and oxidation and gasket material Provides light deburring and blending of ground out welds



STRIPPING DISCS - PAINT AND RUST

	BEST	GOOD
DISC	Crud-Buster Super-Maxx™	Crud-Buster Maxx™
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 PREPARATION/CONDITIONING 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 and 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™ Flap Wheels	Aluminum Oxide Flap Wheels
ABRASIVE GRAIN	Premium Ceramic	Aluminum Oxide
BEST USE	<ul style="list-style-type: none"> Fastest stock removal and 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	Diamond-Kut™	Flamethrower Delta™	Dark-Fire™	Crimson-Fire™	Kim-Kut™
ABRASIVE GRAIN	Diamond	Precision Triangle Shaped Ceramic	Ceramic Matrix	Ceramic	Zirconia with Grinding Aid
COLOR	Silver	Light Blue	Gray	Red	Green
BEST USE	<ul style="list-style-type: none"> Longest life Hard-to-grind materials 	<ul style="list-style-type: none"> Highest stock removal and long life on most metals Tough alloys, stainless steel, aluminum, mild steel and non-ferrous metals 	<ul style="list-style-type: none"> High performing disc on mild steel, stainless steel and steel alloys Most ferrous and non-ferrous metals 	<ul style="list-style-type: none"> Rapid stock removal Mild steel, stainless steel and alloy steel 	<ul style="list-style-type: none"> Stock removal Ferrous and non-ferrous metals

GRINDING WHEELS



Wheel Life

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

Speed of Cut

	BEST	BETTER	GOOD		GENERAL PURPOSE
DISC	Kim-Kut Super-Maxx Lightspeed™	Kim-Kut Super-Maxx 2™	Endura-Maxx™	Kim-Kut Zirconia	Kim-Kut
ABRASIVE GRAIN	Ceramic	Non-Contaminating Premium Grain	Ceramic	Zirconia	Ceramic Coated Aluminum Oxide
BEST USE	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

FLAP DISCS



	BEST	BETTER	GOOD	
DISC	Dark-Fire™	Crimson-Fire™ and Crimson-Fire™ Flex	Ultra Max™	Ultra
ABRASIVE GRAIN	Ceramic Matrix	Premium Crimson Ceramic	Zirconia with Non-Loading Grinding Aid	Zirconia
BEST USE	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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