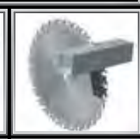
GUIDE TO CHOOSING A freud® 10" SAW BLADE

	WOOD CUTTING					WOOD & WOOD COMPOSITES								SPECIALTY				
	Ripping		Ripping & Crosscutting			Crosscutting				Chipboard	Laminates / Melamine			Non-Ferrous		Plastics	Solid Surface	
For This Cut																		For This Cut
Description	Ripping	3/4" Glue Line Rip	Ultimate General Purpose	General Purpose	Combination	Slide Miter / Radial Arm	Heavy-Duty Crosscut	Ultimate Cut-Off	Ultimate Plywood & Melamine	Stacked Chipboard	Thick Stock Laminates	Single-Sided Laminates / Melamine	Double-Sided Laminates / Melamine	Thick Stock Non-Ferrous	Thin Stock Non-Ferrous	Plastics	Solid Surface	Description
Material Thickness	3/4" to 2-3/4"	1/8" to 1"	Ripping 3/8" to 1-1/2" Crosscutting 3/4" to 3-1/2"	Ripping 1/4" to 1" Crosscutting 3/4" to 3-1/2"	Ripping 1/4" to 1-1/2" Crosscutting 3/4" to 3-1/2"	1/2" to 2-3/4"	1/2" to 2-3/4"	1/4" to 1-5/8"	1/4" to 1-5/8"	1-1/4" to 3-1/2"	1" to 2-3/4"	1/4" to 1-5/8"	1/4" to 1-5/8"	1/4" MAX.	1/16" MAX.	1/4" to 1-5/8"	1/4" to 1-5/8"	Material Thickness
Material Type	Hardwoods Softwoods	Hardwoods Softwoods	Hardwoods, Softwoods, Veneered Plywoods	Hardwoods, Softwoods, Veneered Plywoods	Hardwoods, Softwoods, Veneered Plywoods	Hardwoods, Softwoods, Veneered Plywoods	Hardwoods, Softwoods, Plywoods, Chipboards	Hardwoods, Softwoods, Veneered Plywoods	Hardwoods, Softwoods, Veneered Plywoods, Double Sided Melamine	Chipboards Plywoods	Laminates, Melamine, Chipboards, Plywoods	Laminates, Melamines, Chipboards, Plywoods	Laminates, Melamine, Chipboards, Plywoods	Copper, Brass, Aluminum	Copper, Brass, Aluminum	Acrylic, Polycarbonates, Vinyl	Solid Surface materials such as DuPont®, Corian®	Material Type
Application	Glue line rips with material 3/4" to 2-3/4"	Glue line rips with material 1/8" to 1"	Glass-smooth crosscuts & rip cuts	Heavy duty crosscutting & ripping	Crosscutting & ripping *(emphasis on ripping)*	Fast clean cuts with a slide miter saw or radial arm saw	Heavy duty crosscutting in cabinetmaker's shop	Ultimate glass smooth crosscuts	Flawless finish in wood & wood composites	Fast sizing of thick or stacked chipbaord up to 2-3/4"	High production blade delivers chip-free edges	Chip-free cuts in one-sided man-made materials	Long life & chip-free cuts in double-sided laminates, melamines & Plywoods	Long life & burr-free cuts in thick stock non-ferrous stock	Long life & burr-free cuts in thin non-ferrous stock	Clean, burn-free cuts in plastics	Ultra long life & swirl-free cuts in solid surface materials	Application
Tooth Count	18T/24T	30T	40T	40T	50T	60T	60T	80T	80T	40T/60T	60T	80T	80T	72T/80T	100T	80T	72T	Tooth Count
Tooth Design	Flat Top Grind	Triple Chip Grind	Fusion Grind / High ATB	ATB Grind	Comb. Grind	ATB Grind	ATB Grind	ATB Grind	High ATB Grind	Triple Chip Grind	Triple Chip Grind	Triple Chip Grind	Triple Chip Grind	Triple Chip Grind	Triple Chip Grind	Modified Triple Chip Grind	Triple Chip Grind	Tooth Design
Hook Angle	20°	12°	18°	13°	10°	-5°	LU73M010 10° LU88R010 15°	10°	2°	LU81M010 13° LU82M010 10°	-6°	10°	-3°	FULL KERF -7° THIN KERF -5°	5°	-3°	0°	Hook Angle
Catalog Pages	Ripping Blades Pages 19 to 21	Ripping Blades Pages 22 to 23	Premier General Purpose Blades Pages 24 to 25	General Purpose Blades Pages 26 to 27	General Purpose Combination Blades Pages 28 to 29	Crosscut Blades Pages 31	Crosscut Blades Pages 32 to 33	Crosscut Blades Pages 34 to 35	Crosscut Blades Pages 36 to 37	Chipboard Blades Pages 38 to 39	Laminate Blades Pages 40	Laminate Blades Pages 41	Laminate Blades Pages 42 to 43	Specialty Blades Pages 44 to 45	Specialty Blades Pages 46	Specialty Blades Pages 47	Specialty Blades Pages 48	Catalog Pages
FULL KERF	LM72R010	LM74R010	P410	–	LU84R011	–	–	LU85R010	LU80R010	–	–	LU98R010	LU97R010	–	–	–	LU95R010	FULL KERF
	LM72M010	–	–	–	–	–	–	–	–	LU81M010	–	–	LU97M010	–	–	–	LU95M010	
	LM71M010	LM74M010	–	LU72M010	LU84M011	–	LU73M010	–	LU80M010	LU82M010	LU92M010	–	–	LU89M010	LU90M010	LU94M010	–	
THIN KERF	LU87R010	LM75R010	P410T	LU86R010	LU83R010	LU91R010	LU88R010	LU74R010	LU79R010	–	–	–	LU96R010	–	–	–	–	THIN KERF
	–	–	–	–	–	LU91M010	–	–	–	–	–	–	–	LU77M010	–	–	–	
Use This Blade																		Use This Blade

TiCo™ Carbide Blend Scale

Increasing Impact Strength

HIGH IMPACT — CARBIDE SCALE — EXTRA HARD

Increasing Hardness Carbide

Special carbide blend able to withstand extreme impact when cutting

Ripping TiCo™ Hi-Density Carbide Blend

Medium Cobalt content–allowing the carbide to withstand the impact demands when ripping.

General Purpose TiCo™ Hi-Density Carbide Blend

A perfect blend of Cobalt, Titanium and Tungsten – both impact resistant and hard carbide for general purpose applications.

Combination TiCo™ Hi-Density Carbide Blend

A little less Cobalt content and more Hi-Density Tungsten Carbide – allowing the carbide to keep an edge longer in combination applications.

Crosscutting TiCo™ Hi-Density Carbide Blend

More Hi-Density Tungsten Carbide content making the carbide very hard – allowing the carbide to maintain a sharp cutting edge in crosscut applications.

Laminate, Melamine, & Chipboard TiCo™ Super Hi-Density Carbide Blend

Super Hi-Density Tungsten Carbide – half the size of standard micro-grain carbide (.4 microns vs. .8) making this carbide the hardest of all to withstand abrasive material and create swirl-free finishes.

Non-Ferrous TiCo™ Hi-Density Carbide Blend

High cobalt content–allowing the carbide to withstand impact when cutting non-ferrous metals

Specialty TiCo™ Super Hi-Density Carbide Blend

Super Hi-Density Tungsten Carbide – half the size of standard micro-grain carbide (.4 microns vs .8) making this carbide the hardest of all to withstand abrasive material and create swirl-free finishes.

Maintains a sharp cutting edge for fine finish, chip-free cuts, & long life

TiCo™ Carbide Blend Scale

TiCo Titanium Cobalt HI-DENSITY CARBIDE Made by freud

freud®