

Guide to choosing a 10" saw blade



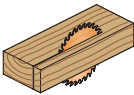
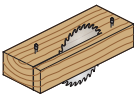
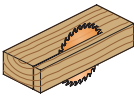
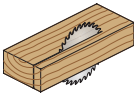
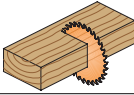
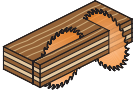
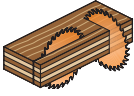
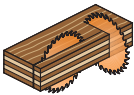
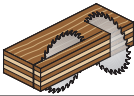
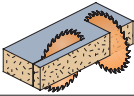
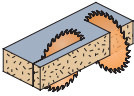
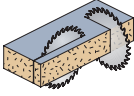
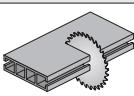
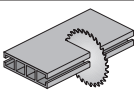
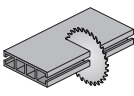
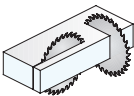
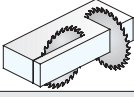
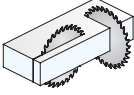
INDUSTRIAL																	
Guide to choosing a 10" saw blade																	
CMT ORANGE TOOLS™																	
Class	WOOD					WOOD & WOOD COMPOSITES							SPECIALITY				
Description	Ripping	Glue Line Rip	General Purpose	Ultimate General Purpose	Combination	Fine Crosscutting	Slide Miter / Radial Arm	Fine Cut-Off	Ultimate Plywood & Melamine	Stacked Chipboard	One-sided laminates/ Melamine	Two-sided laminates/ melamine	Non-Ferrous Metal	Steel & Metal	Stainless Steel	Plastics	Solid Surface
For this cut																	
Material Type	Soft & Hardwoods	Soft & Hardwoods	Soft & Hardwoods, Plywood	Soft & Hardwoods, Plywood	Soft & Hardwoods, Plywood	Soft & Hardwoods, Plywood, Chipboard	Soft & Hardwoods, Plywood, Chipboard	Soft & Hardwoods, Plywood, Chipboard	Soft & Hardwoods, Plywood, Two-sided melamine	Plywood, Chipboard, One-sided melamine	Plywood, Chipboard, Laminates, One-sided melamine	Plywood, Chipboard, Laminates, Two-sided melamine, Molding	Aluminum, Copper, Brass	Iron and steel, Rod, Pipe, Bar, Channel, Sheet	Stainless Steel Pipe, Bar, Sheet	Thin Plastic, Phenolic, Plexiglass, Vinyl, Laminate Flooring	Solid Surface, Thick Plastic, Two-sided laminate
Material Thickness	3/4" to 2-1/2"	1/4" to 1"	Rip 1/4" to 1" Cross 3/4" to 3-1/2"	Rip 1/4" to 1-1/2" Cross 3/4" to 3-1/2"	Rip 1/4" to 1-1/2" Cross 3/4" to 3-1/2"	1/2" to 2-1/2"	1/2" to 2-1/2"	1/4" to 1-1/2"	1/4" to 1-1/2"	1" to 3-1/2"	1/4" to 1-1/2"	1/4" to 1-1/2"	1/4" MAX	1/4" MAX	1/8" MAX	1/4" to 1-5/8"	1/4" to 1-5/8"
Tooth Count	24T	30T	40T/42T	40T	50T	60T	60T	80T	80T	60T	80T	80T	80T	48T/60T	72T	80T	72T
Tooth Design																	
Grind	Combi Grind FTG	TCG	Combi Grind ATB	High ATB	Combi Grind TCG+ATB	Combi Grind ATB	Combi Grind TCG+ATB	ATB	High ATB	TCG	TCG	Combi Grind TCG+ATB	TCG	FWF	FWF	MATB	MTCG
Hook Angle	20°	12°	18°	12°	12°	5°	7°	10°	5°	10°	5°	-5°	-7°	0°	0°	-3°	0°
FULL KERF																	
PTFE	201.024.10		213.040.10		215.050.10	205.060.10			210.080.10	221.060.10		219.080.10		226.048.10			
XTREME		203.030.10	214.040.10	285.040.10				285.080.10		281.060.10	281.080.10		225.080.10	226.060.10	226.572.10	222.080.10	223.072.10
THIN KERF																	
ITK	250.024.10		251.042.10		256.050.10	252.060.10	253.060.10		255.080.10				254.080.10				
ITK PLUS	P10024		P10042		P10050	P10060	P10060S		P10080	P10060L	P10080N		P10080N				
CONTRACTOR	K02410		K04010			K06010		K08010									
LOW													CARBIDE HARDNESS				
													HIGH				

Guide to choosing

CMT

ORANGE
TOOLS™

saw blade

For This Cut	Application	Material	Diameter	Tooth Count	Grind	CMT CONTRACTOR TOOLS Low Price Point	ITK ⁺ PLUS [™] Medium Price Point	PTFE ^X TREME [™] High Price Point
	Framing/Decking	Soft & Hardwoods	5-3/8"	18T	Combi Grind / ATB		P05018	271.136.18D
			6-1/2"	18T/24T	Combi Grind / ATB	K02406	P06018	
			7-1/4"	24T	Combi Grind / ATB	K02407	P07024	250.024.07
			8 - 8-1/4"	24T	Combi Grind / ATB	K02408	P08024	250.024.08
	Demolition/Rescue	Wood, Non-Ferrous & sheet metals	7-1/4"	24T	TCG			286.024.07
			12"	24T	TCG			286.024.12
			14"	24T	TCG			286.024.14
	Ripping	Soft & Hardwoods	8 - 8-1/4"	20T	FTG			201.020.08
			10"	24T	Combi Grind / ATB	K02410	P10024 - 250.024.10	201.024.10
			12"	30T	FTG	K02412		201.030.12
	Glue Line Ripping	Soft & Hardwoods	8 - 8-1/4"	30T	TCG			203.030.08
			10"	30T	TCG			203.030.10
			12"	36T	TCG			203.036.12
			14"	36T	TCG			203.036.14
	General Purpose	Soft & Hardwoods, Plywood	10"	40T/42T	Combi Grind / ATB	K04010	P10042 - 251.042.10	285.040.10 - 213.040.10
			12"	40T/48T	Combi Grind / ATB	K04012	P12042 - 251.045.12	285.048.12
			14"	60T	ATB	K06014		
	Combination	Soft & Hardwoods, Plywood	7-1/4"	30T	Combi Grind / ATB			256.030.07
			8 - 8-1/4"	35T	Combi Grind / ATB			256.035.08
			10"	50T	Combi Grind / ATB		P10050 - 256.050.10	215.050.10
			12"	60T	Combi Grind / TCG			215.060.12
	Fine Crosscutting	Soft & Hardwoods, Plywood, Chipboard	3-3/8"	24T	ATB	K02403		
			4-3/8"	36T	ATB	K03604		
			5-3/8"	36T	Combi Grind / ATB		P05036	
			5-1/2"	24T	ATB	K02405		
			6-1/2"	36T	Combi Grind / ATB	K03606	P06036	
			7-1/4"	40T	Combi Grind / ATB	K04007	P07040	251.040.07 - 208.040.07
			8 - 8-1/4"	40T	Combi Grind / ATB	K04008	P08040	251.040.08 - 208.040.08
			10"	60T	Combi Grind / ATB	K06010	P10060 - 252.060.10	205.060.10
			12"	60T/72T	Combi Grind / ATB	K06012	P12072 - 252.072.12	205.072.12
			14"	96T	Combi Grind / ATB		252.096.14	
	Slide Miter Radial Arm	Soft & Hardwoods, Plywood, Chipboard	8-1/2"	60T	Combi Grind		P08060S - 253.060.08	219.060.08
			10"	60T/80T	Combi Grind		P10060S - 253.060.10	219.080.10
			12"	72T/90T	Combi Grind		P12072S - 253.072.12	219.090.12
			14"	96T/100T	Combi Grind		253.096.14	219.100.14
	Fine Cut-Off	Soft & Hardwoods, Plywood, Chipboard	7-1/4"	60T	ATB	K06007	P07060	
			10"	80T	ATB	K08010		285.080.10
			12"	80T/96T	ATB	K08012		285.096.12
	Ultimate Cut-Off	Soft & Hardwoods, Plywood, 2-sided melamine	8 - 8-1/4"	60T	High ATB			210.060.08
			10"	80T	High ATB		P10080	255.080.10 - 210.080.10
			12"	96T	High ATB		P12096	255.096.12 - 210.096.12
	Stacked Chipboard	Plywood, Chipboard, One-sided melamine	10"	60T	TCG		P10060L	281.060.10 - 221.060.10
			12"	72T	TCG		P12072L	281.072.12 - 221.072.12
			14"	84T	TCG			281.084.14
			16"	96T	TCG			281.096.16
	Melamine & Laminate	Plywood, Chipboard, One-sided melamine, laminates	10"	80T	TCG		P10080N	281.080.10
			12"	96T	TCG		P12096N	281.096.12
	Non-Ferrous Metal	Aluminum, Copper, Brass	7-1/4"	56T	TCG		P07056N	254.056.07
			8-1/2"	60T	TCG			225.060.08
			10"	80T	TCG		P10080N	254.080.10 - 225.080.10
			12"	96T	TCG		P12096N	254.096.12 - 225.096.12
			14"	108T	TCG			225.108.14
	Steel & Metal	Iron, Steel, Pipe, bar, Channel, Sheet	5-3/8"	30T	TCG			226.030.05
			6-1/2"	36T	TCG			226.036.06
			7-1/4"	48T	TCG			226.048.07
			8 - 8-1/4"	48T	TCG			226.048.08
			10"	48T/60T	FWF			226.048.10 - 226.060.10
			12"	60T/80T	FWF			226.060.12 - 226.080.12
			14"	72T/90T	FWF			226.072.14 - 226.090.14
	Stainless Steel	Stainless Steel, Pipe, Bar, Sheet	7-1/4"	48T	TCG			226.548.07
			10"	72T	FWF			226.572.10
			12"	80T	FWF			226.580.12
			14"	90T	FWF			226.590.14
	Plastics	Thin Plastic, Phenolic, Plexiglass, Vinyl, Laminate Flooring	8"	64T	MATB			222.064.08
			10"	80T	MATB			222.080.10
			12"	96T	MATB			222.096.12
			14"	108T	MATB			222.108.14
	Solid Surface	Solid Surface, Thick Plastic, Two-sided laminate	10"	72T	MTCG			223.072.10
			12"	84T	MTCG			223.084.12
			14"	96T	MTCG			223.096.14
	All fiber cement products and plasterboard	HardiePlank®, HardiePanel®, Durock®, Cemplank®, Certain Teed®, Nichiha®	3-3/8"	6T DP	TCG			236.085.06G
			7-1/4"	10T	TCG		P07010	
			7-1/4"	4T DP	TCG			236.004.07
			10"	6T DP	TCG			236.006.10
			12"	8T DP	TCG			236.008.12