



SAW BLADES

FINE TRIM AND DELICATE MOLDING

ULTIMATE POLISHED FINISH

POLISHING TOOTH DESIGN
Delivers 220 Grit Polished Finish
No Sanding Required

AXIAL SHEAR FACE™ GRIND (ASFG)
Tooth face is angled to cleanly shear through the material

ULTRA THIN KERF DESIGN
Cut from Hardcore™ Steel with high precision lasers for fast effortless cuts

PRECISION SHEAR™ POINT
High degree alternate top bevel tooth geometry for less tear out

CUTS THESE MATERIALS
Delicate Molding
Hardwood Softwood
Veneer Melamine

CABINETS AND FURNITURE

ULTRA FINISH AND FINE FINISH BLADES

TiCo™ HI-DENSITY CARBIDE
Hi-Density carbide with Titanium & Cobalt for long cutting life

PERMA-SHIELD® NON-STICK COATING
For less drag, gumming, & corrosion

LASER CUT STABILIZER VENTS
Absorb noise and vibration to prevent sideways movement

CUTS THESE MATERIALS
Hardwood Softwood Melamine
Veneer Paneling MDF

RIPPING & CROSSCUTTING

GENERAL PURPOSE & COMBINATION BLADES

TiCo™ HI-DENSITY CARBIDE
Hi-Density carbide with Titanium & Cobalt for long cutting life

LASER CUT STABILIZER VENTS
Absorb noise and vibration to prevent sideways movement

4-1 ALTERNATE TOP BEVEL (ATB) + FLAT RAKER TOOTH COMBINATION
For better rips & finer finish

PERMA-SHIELD® NON-STICK COATING
For less drag, gumming, & corrosion

CUTS THESE MATERIALS
Hardwood Softwood Plywood
Pressure Treated OSB Laminated Beams

METALS

STEEL DEMON®

FOR BURR-FREE CLEAN CUTS

For 5X Longer Life

NEXT GENERATION CERMET
Lasts up to 5X longer than standard carbide in metal cutting applications

LASER-CUT STABILIZER VENTS
Trap noise and vibration stabilize the blade, delivering cool & accurate cuts

TiCo™ HI-DENSITY CARBIDE
Withstands impact, reduces wear, and lasts longer than standard carbide in metal cutting applications

PERMA-SHIELD® COATING
Non-stick aluminum alloy coating shields and blade against heat, and corrosion

LASER-CUT BODY
Precise, high strength steel blade for ultimate life and precision

TRIPLE CHIP METAL CUTTING GRIND
Design to maximize life, speed, and durability, giving burr-free cuts in metal cutting applications

FOR CUTTING NON-FERROUS METALS, STEEL STUDS, ANGLE IRON, FLAT BAR, EMT CONDUIT, ALL-THREAD

WITH CERMET II CARBIDE TEETH FOR 5X LONGER CUTTING LIFE (EXCELLENT IN STAINLESS STEEL)

ITEM #	DIAM.	TEETH	MACHINE USE	STUDS & TUBING (Wall Thickness)	PLATES & BARS (Thickness)	RODS (Diameter)	ARBOR
D0842CF	8"/203mm	42 TCG	8" Circular Saws - 4300 Max RPMs	1/16" (16 gauge) min 1/4" max	1/8" (11 gauge) min 1/2" max	1/4" min 1-1/2" max	5/8" <>
D0946CF	9"/229mm	46 TCG	9" Steel Cutting Saws - 3600 Max RPMs	1/16" (16 gauge) min 1/4" max	1/8" (11 gauge) min 1/2" max	1/4" min 1-1/2" max	1"
D1050CF	10"/254mm	50 TCG	10" Steel Cutting Saws - 3000 Max RPMs	1/8" (11 gauge) min 1/2" max	1/4" (11 gauge) min 1" max	1/2" min 2" max	1"
D1260CF	12"/305mm	60 TCG	12" Steel Cutting Saws - 1800 Max RPMs	1/8" (11 gauge) min 1/2" max	1/4" (11 gauge) min 1" max	1/2" min 2" max	1"
D1280CF	12"/305mm	80 TCG	12" Steel Cutting Saws - 1800 Max RPMs	1/16" (16 gauge) min 1/4" max	1/8" (11 gauge) min 1/2" max	1/4" min 1-1/2" max	1"
D1472CF	14"/356mm	72 TCG	14" Steel Cutting Saws - 1800 Max RPMs	1/8" (11 gauge) min 1/2" max	1/4" (11 gauge) min 1" max	1/2" min 2" max	1"
D1490CF	14"/356mm	90 TCG	14" Steel Cutting Saws - 1800 Max RPMs	1/16" (16 gauge) min 1/4" max	1/8" (11 gauge) min 1/2" max	1/4" min 1-1/2" max	1"

WITH TiCo™ HI-DENSITY CARBIDE TEETH FOR LONG CUTTING LIFE

ITEM #	DIAM.	TEETH	MACHINE USE	STUDS & TUBING (Wall Thickness)	PLATES & BARS (Thickness)	RODS (Diameter)	ARBOR
D0530F	5-3/8"/137mm	30 TCG	5-3/8" Circular Saws - 5/8" Arbor / 10mm	1/16" min 1/8" max	1/16" min 1/8" max	1" or smaller	5/8"
D0530FM	5-3/8"/137mm	30 TCG	For Panasonic® & Similar Metal Cutting Saws	1/16" min 1/8" max	1/16" min 1/8" max	1" or smaller	20mm
D0648F	6-1/2"/165mm	48 TCG	6-1/2" Circular Saws - 5/8" Arbor	1/32" min 1/4" max	1/16" min 1/4" max	1" or smaller	5/8" <>
D0649F	6-3/4"/172mm	48 TCG	6-3/4" Circular Saws - 20mm Arbor	1/32" min 1/8" max	1/16" min 1/4" max	1" or smaller	20mm
D0738FM	7"/180mm	38 TCG	For Evolution®, Jancy®, Morse® & Similar Metal Cutting Saws	1/8" min 3/8" max	1/8" min 3/8" max	1-1/2" or smaller	20mm
D0748FM	7"/180mm	48 TCG	For Evolution®, Jancy®, Morse® & Similar Metal Cutting Saws	1/16" min 1/4" max	1/16" min 1/4" max	1" or smaller	20mm
D0770FM	7"/180mm	70 TCG	For Evolution®, Jancy®, Morse® & Similar Metal Cutting Saws	1/64" min 1/8" max	1/64" min 1/8" max	1/4" or smaller	20mm
D0738F	7-1/4"/184mm	38 TCG	7-1/4" Circular Saws - 5800 Max RPMs - 5/8" Arbor	1/8" min 3/8" max	1/8" min 3/8" max	1-1/2" or smaller	5/8" <>
D0748F/A	7-1/4"/184mm	48 TCG	7-1/4" Circular Saws - 5800 Max RPMs - 5/8" Arbor	1/16" min 1/4" max	1/16" min 1/4" max	1" or smaller	5/8" <>
D0756F	7-1/4"/184mm	56 TCG	7-1/4" Circular Saws - 5800 Max RPMs - 5/8" Arbor	1/16" min 1/4" max	1/16" min 1/4" max	1" or smaller	5/8" <>
D0770F	7-1/4"/184mm	70 TCG	7-1/4" Circular Saws - 5800 Max RPMs - 5/8" Arbor	1/64" min 1/8" max	1/64" min 1/8" max	1/4" or smaller	5/8" <>

<> = Diamond Arbor
TCG = Triple Chip Metal Tooth Design for Superior Life in Abrasive Materials Use Only on dedicated low RPM metal cutting saws 20mm arbor for specialty metal cutting saws such as Panasonic®, Evolution®, Jancy®, Morse®, & similar metal cutting saws

NON-FERROUS METALS: ALUMINUM, BRASS, PLASTICS

TRIPLE CHIP TOOTH GEOMETRY (TCG)
Specially formulated to maximize cutting life & maximum cutting life

TiCo™ HI-DENSITY CARBIDE
For long cutting life

CUTS THESE MATERIALS
Laminate Non-Ferrous Plastics

ITEM#	DIAM.	MACHINE USE	TEETH	ARBOR
D0550N	5-3/8"	5-3/8" Circular Saw	50 TCG	20mm
D0552N	5-7/8"	5-7/8" Circular Saw	52 TCG	5/8"
D0654N	6-1/2"	6-1/2" Circular Saw	56 TCG	5/8"
D0756N	7-1/4"	7-1/4" Circular Saw	56 TCG	5/8" <>
D1060N	10"	10" Chop/Slide Miter Saw, Table Saw	60 TCG	5/8"
D1080N	10"	10" Chop/Slide Miter Saw, Table Saw	80 TCG	5/8"
D10100N	10"	10" Chop/Slide Miter Saw, Table Saw	100 TCG	5/8"
D1084L	10"	10" Chop/Slide Miter Saw, Table Saw	84 TCG	5/8"
D1272N	12"	12" Chop/Slide Miter Saw, Table Saw	72 TCG	1"
D1296N	12"	12" Chop/Slide Miter Saw, Table Saw	96 TCG	1"
D12120N	12"	12" Chop/Slide Miter Saw, Table Saw	120 TCG	1"
D1296L	12"	12" Chop/Slide Miter Saw, Table Saw	96 TCG	1"
D14108N	14"	14" Chop Saw	108 TCG	1"

<> = Diamond Arbor

COMPOSITE DECKING & CELLULAR PVC

FOR ULTIMATE CUTTING LIFE & QUALITY FINISH

SPECIAL BLEND OF TiCo™ CARBIDE
Specially formulated to maximize cutting life in composite decking materials & plastics

MODIFIED TRIPLE CHIP GRIND (MTCG)
Enables the material to remain cool while cutting for melt-free cuts

LASER-CUT STABILIZER VENTS
Absorb noise & vibration keeping the blade straight & true for superior quality cuts

THE ONLY RECOMMENDED COMPOSITE DECKING BLADE
CUTS THESE MATERIALS
Plastic Molding
Trex Composite Wood
Cellular PVC

ITEM #	DIAM.	MACHINE USE	TEETH	ARBOR
D0744CD	7-1/4"	7-1/4" Circular Saw	44 MTCG	5/8" <>
D1072CD	10"	10" Chop Miter Saw, Table Saw	72 MTCG	5/8"
D1284CD	12"	12" Chop/Slide Miter Saws	84 MTCG	1"

<> = Diamond Arbor

FIBER CEMENT MATERIALS

HardieBlade™

POLYCRYSTALLINE DIAMOND (PCD) TIPPED
Specially formulated to combat the abrasive properties of fiber cement for exceptional long cutting life - lasts up to 60 times longer than regular carbide

LESS DUST
Allows for fast, clean, super-thin cuts that reduce respirable dust generation by up to 50% for a cleaner, safer work place

SPARK ERODED TRIPLE CHIP GRIND (TCG) TOOTH GEOMETRY
Specially designed tooth geometry, created using spark erosion, dramatically increases the cutting life of the blade in all fiber cement products

THE ONLY APPROVED BLADE FOR JAMES HARDIE
CUTS THESE MATERIALS
Only for Fiber Cement Products

ITEM #	DIAM.	MACHINE USE	TEETH	ARBOR
D0604DH	6-1/2"	6-1/2" Circular Saw	4 PCD	5/8"
D0704DH	7-1/4"	7-1/4" Circular Saw	4 PCD	5/8" <>
D1006DH	10"	10" Miter Saw, Table Saw	6 PCD	5/8"
D1208DH	12"	12" Miter Saws	8 PCD	1"

<> = Diamond Arbor

PRE-FINISHED HARDWOOD, BAMBOO, LAMINATE, ENGINEERED FLOORING

PERGO Blade

POLYCRYSTALLINE DIAMOND (PCD) TIPPED
Grind (TCG) TOOTH GEOMETRY
Specially designed tooth geometry, created using spark erosion, dramatically increases the cutting life of the blade in all fiber cement products

SPARK ERODED TRIPLE CHIP GRIND (TCG) TOOTH GEOMETRY
Specially designed tooth geometry, created using spark erosion, dramatically increases the cutting life of the blade in all fiber cement products

PERMA-SHIELD® COATING
Shields blade from gumming, heat, and corrosion

THE ONLY APPROVED BLADE FOR PERGO® LAMINATE FLOORING
CUTS THESE MATERIALS
Laminate Flooring
Engineered Flooring
Bamboo Hardwood

ITEM #	DIAM.	MACHINE USE	TEETH	ARBOR
D0708LF	7-1/4"	7-1/4" Circular Saw	8 PCD	5/8" <>
D1012LF	10"	10" Miter Saws	12 PCD	5/8"
D1216LF	12"	12" Miter Saws	16 PCD	1"

<> = Diamond Arbor

TO PLACE ORDER, PLEASE CALL: 1.800.334.4107 OR EMAIL: ORDERS@FREUDTOOLS.COM

www.DiabloTools.com

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