

DIABLO

# RED

# DEFINING CUTTING

NEW Performance...NEW Rules



Lead... Never Follow



## 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 clear through the material.
- ULTRA THIN KERF DESIGN**: Cut from HardCo™ 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.

ITEM #	DIAM.	MACHINE USE	APPLICATION	TEETH	ARBOR
D0436X	4-3/8"	Trim Saw (20mm & 3/8" Arbor)	Finish	36 ATB	20mm
D0516X	5-3/8"	Trim Saw (10mm Arbor)	Fast Framing	16 ATB	10mm
D0518X	5-1/2"	Trim Saw (10mm Arbor)	Framing & Demolition	18 ATB	10mm
D0524X	5-3/8"	Trim Saw (10mm Arbor)	Framing	24 ATB	10mm
D0536X	5-3/8"	Trim Saw (10mm Arbor)	Finish	36 ATB	10mm
D0620X	6"	Porter-Cable Saw Boss	Framing	20 ATB	1/2"
D0640X	6"	Porter-Cable Saw Boss	Finish	40 ATB	1/2"
D0660A	6"	6" Circular Saw	Ultra Fine Finish	60 ATB	5/8" <>
D0624DA	6-1/2"	6-1/2" Circular Saw	Framing & Demolition	24 TPA	5/8" <>
D0624XA	6-1/2"	6-1/2" Circular Saw	Framing	24 ATB	5/8" <>
D0641X	6-1/2"	6-1/2" Circular Saw	Finish & Plywood	40 ATB	5/8" <>
D0724W	7-1/4"	7-1/4" Worm Drive Circular Saw	Framing	24 TP/ATB	<>
D0724XA	7-1/4"	7-1/4" Circular Saw	Framing	24 TP/ATB	5/8" <>
D0724DA	7-1/4"	7-1/4" Circular Saw	Framing & Demolition	24 TPA	5/8" <>
D0740XA	7-1/4"	7-1/4" Circular Saw	Finish	40 ATB	5/8" <>
D0760XA	7-1/4"	7-1/4" Circular Saw	Ultra Fine Finish	60 ATB	5/8" <>
DD208	8"	8" Stacked Dado Set	Dado Cuts	12 ATB	5/8"
D0824X	8" - 8-1/4"	8-1/4" Circular Saw	Framing	24 ATB	5/8" <>
D0840X	8" - 8-1/4"	8-1/4" Circular Saw	Finish	40 ATB	5/8" <>
D0840S	8-1/2"	8-1/2" Miter/Slide Miter Saw	General Use	40 ATB	5/8"
D0860S	8-1/2"	8-1/2" Miter/Slide Miter Saw	Fine Finish	60 ATB	5/8"
D1024X	10"	10" Table Saw	Ripping	24 ATB	5/8"
D1030X	10"	10" Table Saw	Plywood Ripping	30 TP/ATB	5/8"
D1040XA	10"	10" Chop Miter Saw, Table Saw	General Use	40 ATB	5/8"
D1050X	10"	10" Chop Miter Saw, Table Saw	Combination	50 ATB	5/8"
D1060X	10"	10" Slide Miter Saw	Fine Finish	60 ATB	5/8"
D1060X	10"	10" Chop Miter Saw, Table Saw	Fine Finish	60 Hi-ATB	5/8"
D1080X	10"	10" Chop/Slide Miter Saw, Table Saw	Ultra Fine Finish	80 Hi-ATB	5/8"
D1090X	10"	10" Chop/Slide Miter Saw, Table Saw	Ultimate Polished Finish	90 ASFG	5/8"
D1040W	10-1/4"	10-1/4" Beam Saw (BIG FOOT®)	Gen Purpose Beam Cutting	40 ATB	5/8" <>
D1244X	12"	12" Chop/Slide Miter Saw	General Use	44 ATB	1"
D1260X	12"	12" Chop/Slide Miter Saw	Combination	60 COMB	1"
D1280X	12"	12" Chop/Slide Miter Saw	Fine Finish	80 Hi-ATB	1"
D12100X	12"	12" Chop/Slide Miter Saw	Ultimate Polished Finish	100 ASFG	1"
D1484X	14"	14" Chop Miter Saw	Fine Finish	84 ATB	1"
D1632X	16-5/16"	16-5/16" Beam Saw	Gen Purpose Beam Cutting	32 ATB	1"
D1660X	16-5/16"	16-5/16" Beam Saw	Fine Finish Beam Cutting	60 ATB	1"

## 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 (EXCELLEN 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" <>

TCG = Triple Chip 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)**: 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	96 TCG	1"
D12120N	12"	12" Chop/Slide Miter Saw	120 TCG	1"
D1296L	12"	12" Chop/Slide Miter Saw	96 TCG	1"
D14108N	14"	14" Chop Saw	108 TCG	1"

### COMPOSITE DECKING & CELLULAR PVC

FOR ULTIMATE CUTTING LIFE & QUALITY FINISH

- SPECIAL BLEND OF TiCo™ CARBIDE**: 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" <>
D1074CD	10"	10" Chop Miter Saw, Table Saw	72 MTCG	5/8"
D1282CD	12"	12" Chop/Slide Miter Saw	84 MTCG	1"

### FIBER CEMENT MATERIALS HardieBlade™

- POLYCRYSTALLINE DIAMOND (PCD) TIPPED**: Allows for fast, clean, super-thin cuts that reduce respirable dust generation by up to 50% for a cleaner, safer work place.
- LESS DUST**
- 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 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"

### PRE-FINISHED HARDWOOD, BAMBOO, LAMINATE, ENGINEERED FLOORING PERGO Blade

FOR ULTIMATE CUTTING LIFE & QUALITY FINISH

- 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 carbided.
- LESS DUST**
- SPARK ERODED TRIPLE CHIP GRIND (TCG) TOOTH GEOMETRY**: Dramatically increases the cutting life of the blade.
- PERMA-SHIELD™ COATING**: Shields blade from gumming, heat, and corrosion.
- THE ONLY APPROVED BLADE FOR PERGO®**
- 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"

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

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