

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 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

**GENERAL PURPOSE CUTS THESE MATERIALS**

- Hardwood
- Softwood
- Plywood
- Pressure Treated
- OSB
- Laminated Beams

**COMBINATION CUTS THESE MATERIALS**

- Hardwood
- Softwood
- Plywood
- Melamine

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"

<> = Diamond Arbor  
 Item numbers ending in "X" are individually packaged. Item numbers ending with "A" are available in bulk packs of 10.  
 ATB = Alternate Top Bevel Tooth Design for a Superior Quality Finish HI-ATB = High Alternate Top Bevel Tooth Design for a Flawless Finish  
 <> = Diamond Arbor TP = Tracking Point TPA = Tracking Point Amped

## 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" <>

<> = Diamond Arbor  
 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 (TTCG)** 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"

<> = Diamond Arbor

### FIBER CEMENT MATERIALS HardieBlade™

- POLYCRYSTALLINE DIAMOND (PCD) TIPPED LASER CUT BLADE** 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**

- Laminate
- Fiber Cement

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

### COMPOSITE DECKING & CELLULAR PVC TrexBlade

**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

**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"

<> = Diamond Arbor

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

**FOR ULTIMATE CUTTING LIFE & QUALITY FINISH**

- POLYCRYSTALLINE DIAMOND (PCD) TIPPED LASER CUT BLADE** 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** Dramatically increases the cutting life of the blade

**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"

<> = Diamond Arbor

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

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