DIABLO

# REDEFINING CUTTING

## NEW Performance...NEW Rules

## 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

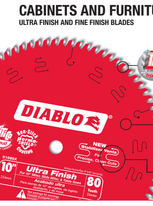
**ULTRA THIN KERF DESIGN**
Cut from Hardened Steel with high precision lasers for fast effortless cuts

**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 & clean finish

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

**GENERAL PURPOSE CUTS THESE MATERIALS**
Hardwood, Softwood, Plywood, Veneer, Treated, Laminated, Melamine

**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" <> |
| D0624X/A | 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 | <> |
| D0724X/A | 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" <> |
| D0740X/A | 7-1/4" | 7-1/4" Circular Saw | Finish | 40 ATB | 5/8" <> |
| D0760X/A | 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" |
| D1040X/A | 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" |
| D1060S | 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

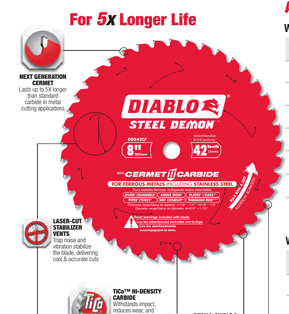
Item numbers ending in "X" are individually packaged. Item numbers ending with "A" are available in bulk packs of 10.
ATB = Alternate Top Bevel Tooth Design for a Superior Quality Finish  Hi-ATB = High Alternate Top Bevel Tooth Design for a Flawless Finish
<> = Diamond Arbor  TP = Tracking Point | TPA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

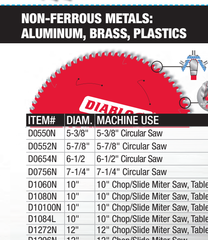
**WITH TiCo™ HI-DENSITY CARBIDE TEETH FOR LONG CUTTING LIFE**

| 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" or 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 Grind Tooth Design for Superior Life in Abrasive MaterialsUse 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)**
Designed for clean cuts & maximum cutting life

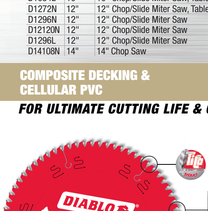
**TiCo™ HI-DENSITY CARBIDE**
For long cutting life

**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" |
| D1212ON | 12" | 12" Chop/Slide Miter Saw | 120 TCG | 1" |
| D1296L | 12" | 12" Chop/Slide Miter Saw | 96 TCG | 1" |
| D1410BN | 14" | 14" Chop Saw | 108 TCG | 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 carbided

**SUPER-THIN KERF 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**
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

### COMPOSITE DECKING & CELLULAR PVC — TrexBlade

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

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

FOR ULTIMATE CUTTING LIFE & QUALITY FINISH




**POLYCRYSTALLINE DIAMOND (PCD) TIPPED**
For up to 75 times longer than regular carbide

**SPARK ERODED TRIPLE CHIP GRIND (TCG) TOOTH GEOMETRY**
Dramatically increases the cutting life of the blade

**PERMA-SHIELD® COATING**
Obtains blade from gummning, heat, and corrosion.

**THE ONLY APPROVED BLADE FOR PERGO® LAMINATE FLOORING**

**CUTS THESE MATERIALS**
Laminate Flooring, Engineered Flooring, Bamboo, Non-Wood

| 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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