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

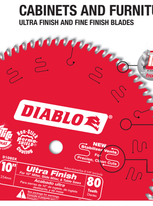
ULTRA THIN KERF DESIGN
Cut from Hardened Steel with high precision lasers for fast effortless cuts

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

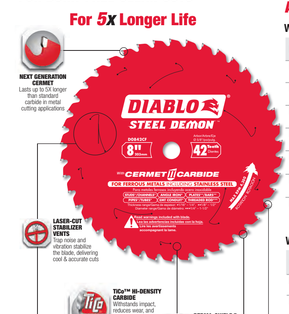
Item numbers ending in "X" are individually packaged. Item numbers ending with "A" are available in bulk packs of 10.
ATB = Alternate Top Bevel Tooth Design for a Superior Quality Finish Hi-ATB = High Alternate Top Bevel Tooth Design for a Flawless Finish
<> = Diamond Arbor TP = Tracking Point | TPA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

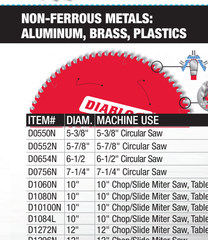
WITH TiCo™ HI-DENSITY CARBIDE TEETH FOR LONG CUTTING LIFE

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

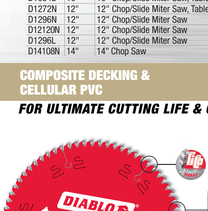
TiCo™ HI-DENSITY CARBIDE
For long cutting life

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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Item #: LITDIABLOSS Print 11-17

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