



freud®

Always use safety guards and wear safety glasses.

Not recommended for ferrous metals or masonry.

freud®

Premier

FUSION

Next Generation
FULL KERF

10" 40T

GENERAL PURPOSE

NEW FUSION TRIO TOOTH GEOMETRY

CUTTING PERFECTION IN
CROSSCUTS & RIPPING FOR SOLID
WOODS, VENEERS & MELAMINES



GENERAL PRODUCTS CATALOG

The World's Best Cutting Tools

Designed for Superior Performance and Maximum Life

Innovation

Premier Fusion General Purpose Saw Blades



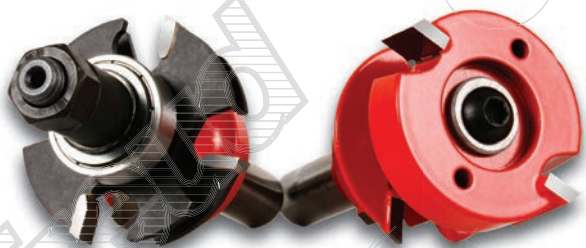
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Premier Solid Carbide Bits



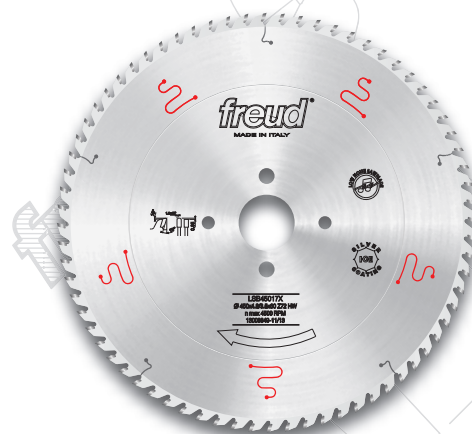
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Premier Adjustable Rail & Stile Set



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Extended (X) Life Series Panel Saw Blades



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Dial-A-Width Dado Set



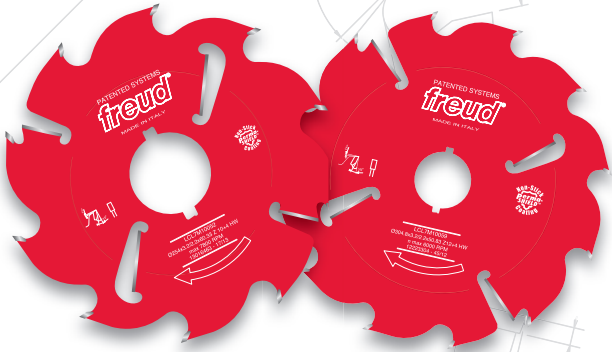
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Quadra-Cut™ 4 Cutter Design Bits



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Pallet Blades



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Entry & Interior Door Set



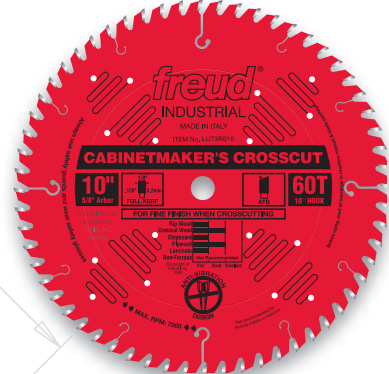
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French Door Set



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LU73R Series



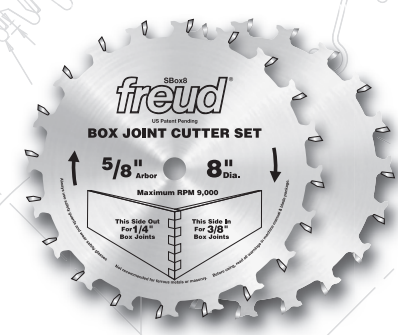
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7-1/4" Plywood & Melamine Blade



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freud[®]



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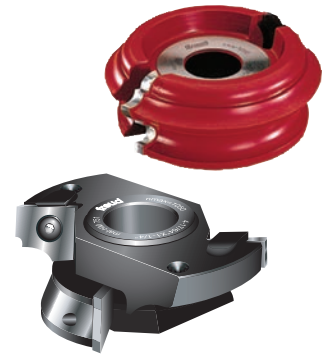
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freud[®]

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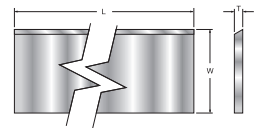
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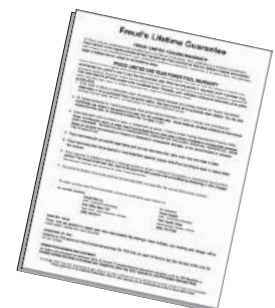
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Manufacturing Innovation



A world leader in the production of woodworking tools, Freud employs the most innovative, technologically advanced manufacturing operations in the world. To ensure that the highest quality products meet the toughest design standards, Freud owns and operates manufacturing facilities. All of the facilities are ISO9001 Vision 2000 quality certified, an acknowledgement of top quality production processes.

In addition, Freud operates one of the most modern product development research centers for cutting tools. By overseeing the entire manufacturing process, from start to finish, Freud guarantees the highest quality, most advanced products in the industry.

Freud Key Manufacturing Facilities



Production of standard & custom cutterheads



Production of router bits



Production of carbide



Production of saw blades

SAW BLADES



Freud's industrial saw blades are carefully crafted using the best materials, the most innovative designs, and the industry's most sophisticated manufacturing processes. Every blade is specifically designed for superior performance and maximum life. Select the best blade for your application from a wide variety of designs and sizes, all featuring Freud's unique coatings and TiCo™ Hi-Density Carbide.

*Freud saw blades –
Precisely The Best.*

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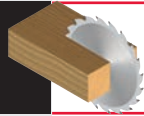
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RIPPING BLADES



Thin Kerf Rip Blades

USE IN



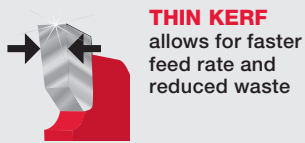
Table Saws



Portable Table Saws

APPLICATION

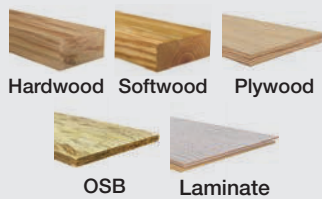
Thin Kerf ripping blades for underpowered saws and radial arm saws



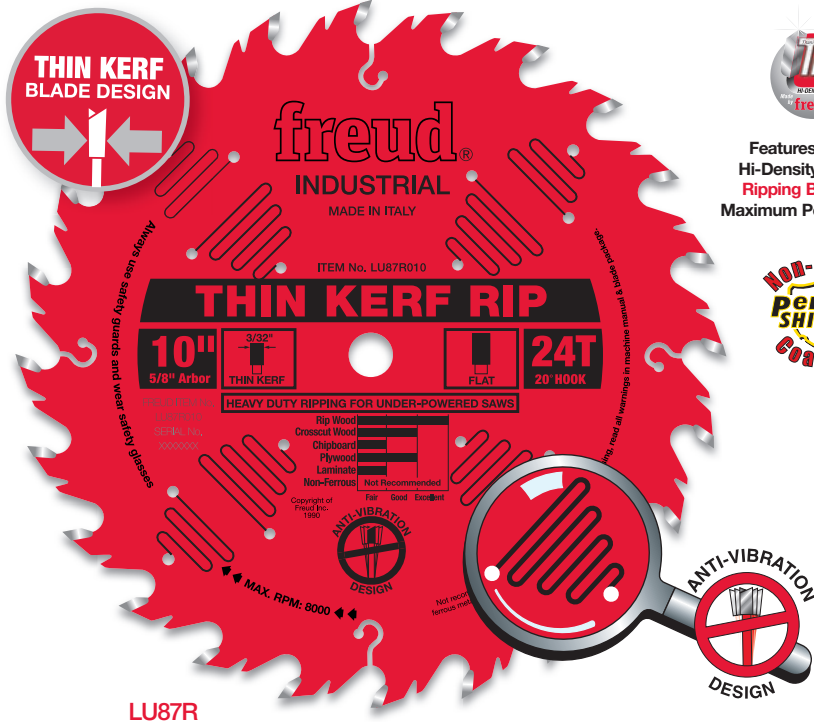
DEPTH OF CUT



MATERIALS



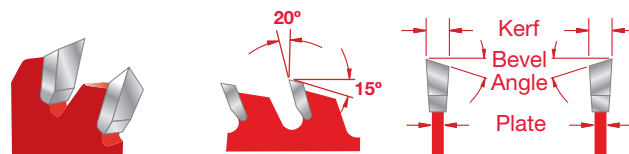
i Maintain a proper feed rate. Feeding too slow causes burning of the material. Feeding too fast can be dangerous and produces a poor, dull cut.



RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



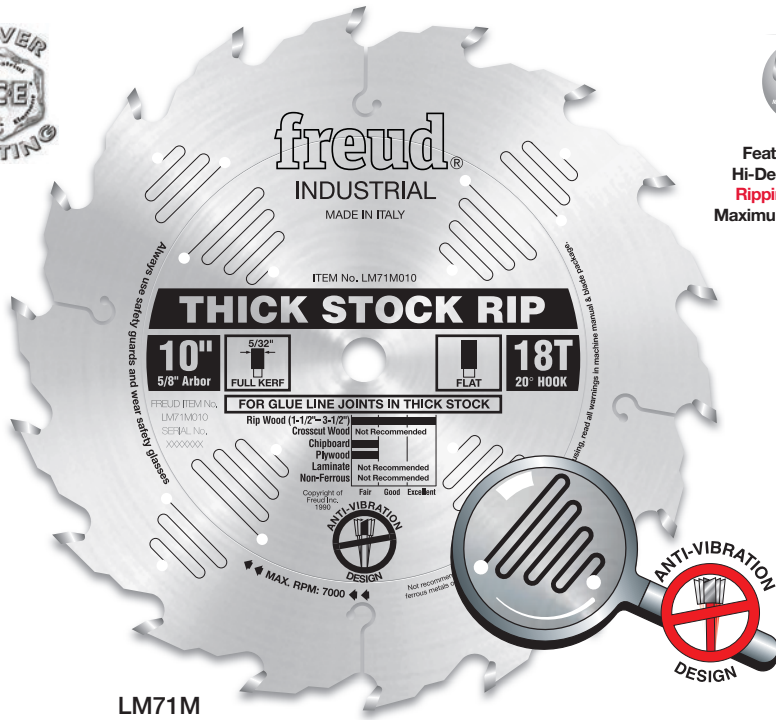
| DIA. | KERF | PLATE | ARBOR | TEETH | BEVEL ANGLE | Perma-SHIELD® |
|-------|------|-------|-------|--------|-------------|---------------|
| 160mm | .087 | .063 | 20mm | 14 ATB | 10° | LU87R006M20* |
| 8" | .087 | .063 | 5/8" | 22 ATB | 15° | LU87R008 |
| 9" | .094 | .071 | 5/8" | 22 ATB | 15° | LU87R009 |
| 10" | .094 | .071 | 5/8" | 24 ATB | 15° | LU87R010 |
| 12" | .099 | .071 | 5/8" | 30 ATB | 15° | LU87R012 |

*Ideal for Track Saws

Thick Stock Rip Blades



RIPPING BLADES



Features TiCo™ Hi-Density Carbide Ripping Blend For Maximum Performance

USE IN



Table Saws

APPLICATION

High Speed Ripping for Glue Line Joints in Thick Stock



HEAVY-DUTY THICK PLATE ensures a stable, flat blade for long cutting life in extreme ripping conditions



LARGE GULLETS allow for fast ripping and easy chip removal

DEPTH OF CUT



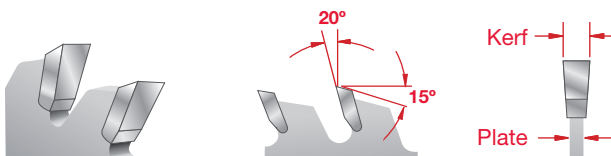
MATERIALS



RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | [Red bar] | | |
| Crosscuts Wood | [Red bar] | [Red bar] | [Red bar] |
| Chip Board | [Red bar] | [Red bar] | [Red bar] |
| Plywood | [Red bar] | [Red bar] | [Red bar] |
| Laminate | [Red bar] | [Red bar] | [Red bar] |
| Non-ferrous | [Red bar] | [Red bar] | [Red bar] |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|---------|-------------|
| 10" | .153 | .118 | 5/8" | 18 FLAT | LM71M010 |
| 12" | .165 | .118 | 1" | 20 FLAT | LM71M012 |
| 14" | .165 | .118 | 1" | 24 FLAT | LM71M014 |
| 16" | .177 | .118 | 1" | 28 FLAT | LM71M016 |

i When ripping wood, 3 to 5 teeth should be working in the wood at one time

RIPPING BLADES

Heavy Duty Rip Blades

USE IN



Table Saws

APPLICATION

Smooth, Fast Heavy-Duty Ripping for Glue Line Joints in Thick Stock



EXTRA LARGE, FLAT TOOTH DESIGN leaves a smooth finish without the need for sanding or jointing

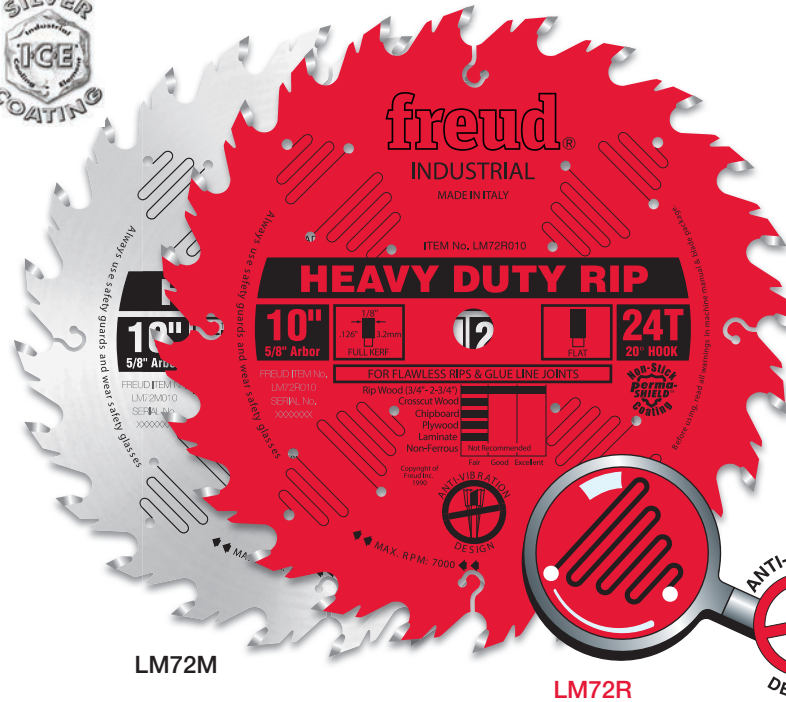
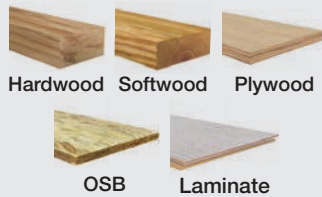


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

DEPTH OF CUT



MATERIALS



Features TiCo™ Hi-Density Carbide Ripping Blend For Maximum Performance



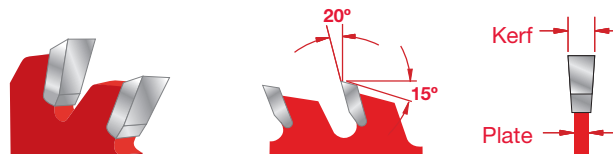
No Stabilizers Needed



RECOMMENDED USE

| | | | |
|--------------------|-----------|-----------|-----------|
| Rips Wood | [Red bar] | | |
| Crosscuts Wood | [Red bar] | [Red bar] | [Red bar] |
| Chip Board | [Red bar] | [Red bar] | [Red bar] |
| Plywood | [Red bar] | [Red bar] | [Red bar] |
| Laminate | [Red bar] | [Red bar] | [Red bar] |
| Non-ferrous | [Red bar] | [Red bar] | [Red bar] |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

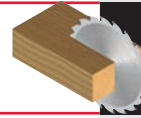
CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|------|------|-------|-------|---------|---------------|-------------|
| 8" | .126 | .087 | 5/8" | 24 FLAT | LM72R008 | LM72M008 |
| 10" | .126 | .087 | 5/8" | 24 FLAT | LM72R010 | LM72M010 |
| 12" | .169 | .118 | 1" | 30 FLAT | LM72R012 | LM72M012 |
| 14" | .169 | .118 | 1" | 30 FLAT | LM72R014 | LM72M014 |
| 16" | .177 | .118 | 1" | 36 FLAT | LM72R016 | LM72M016 |

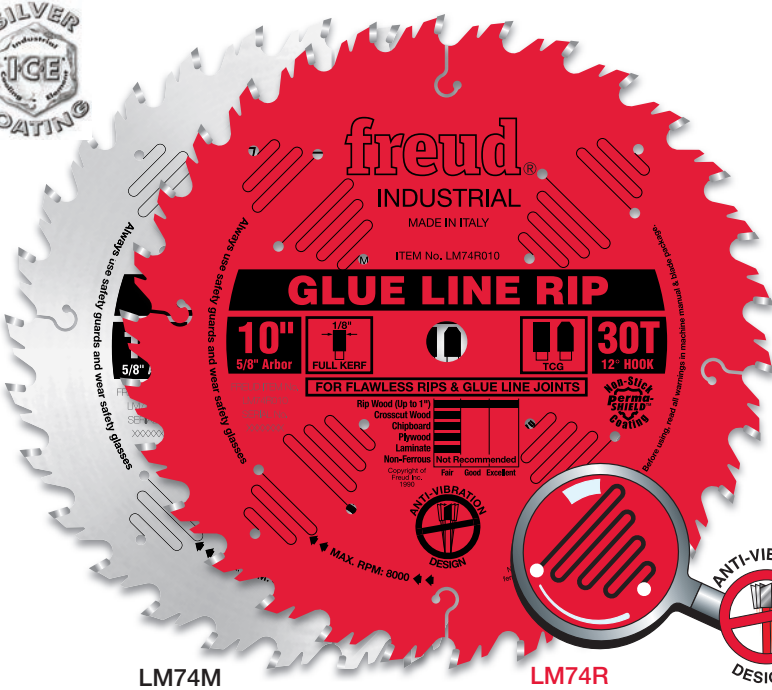
i When ripping wood, 3 to 5 teeth should be working in the wood at one time.

Glue Line Ripping Blades



RIPPING BLADES

SAW BLADES



LM74M

LM74R



Features TiCo™ Hi-Density Carbide Ripping Blend For Maximum Performance



No Stabilizers Needed



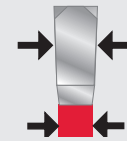
USE IN



Table Saws

APPLICATION

Heavy duty glue line ripping blades for extremely smooth, true surfaces for gluing and finish work. There is no need for sanding or jointing after the cut.



HEAVY-DUTY THICK KERF AND PLATE ensure a stable, flat blade for long cutting life

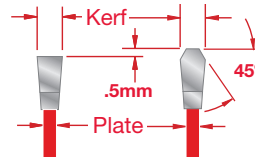
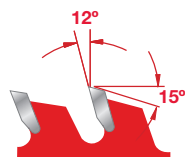


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

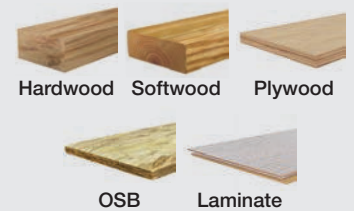
CARBIDE GRADE



DEPTH OF CUT



MATERIALS



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|------|------|-------|-------|--------|---------------|-------------|
| 10" | .118 | .098 | 5/8" | 30 TCG | LM74R010 | LM74M010 |
| 12" | .118 | .098 | 1" | 40 TCG | LM74R012 | - |
| 14" | .138 | .118 | 1" | 44 TCG | LM74R014 | - |

i For best results, set your saw so that one half of a carbide tip protrudes beyond the material to be cut

RIPPING BLADES



Thin Kerf Glue Line Ripping Blades

USE IN



Table Saws



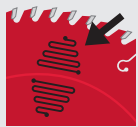
Portable Table Saws

APPLICATION

Produces extremely smooth, true surfaces for gluing and finish work. There is no need for sanding or jointing after the cut.



THIN KERF requires less power and allows for faster feed rate

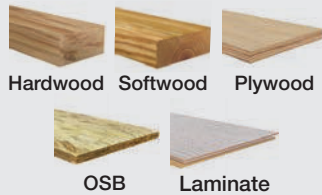


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

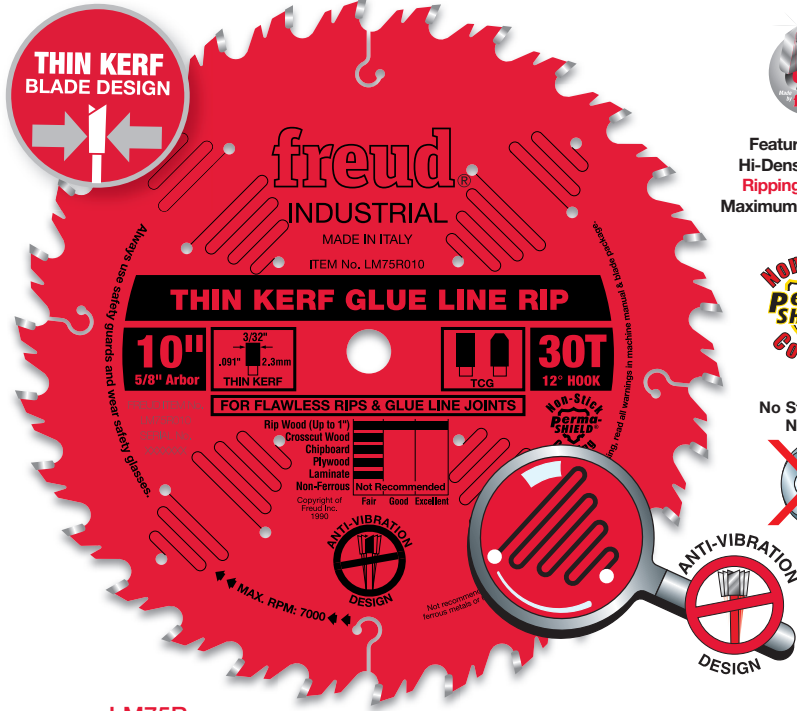
DEPTH OF CUT



MATERIALS



i When ripping wood, 3 to 5 teeth should be working in the wood at one time



LM75R



Features TiCo™ Hi-Density Carbide Ripping Blend For Maximum Performance



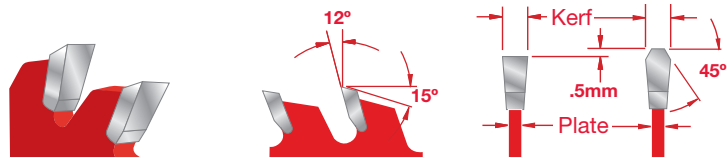
No Stabilizers Needed



RECOMMENDED USE

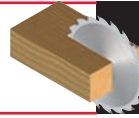
| | | | |
|--------------------|------------|------|-----------|
| Rips Wood | ██████████ | | |
| Crosscuts Wood | ██████████ | | |
| Chip Board | ██████████ | | |
| Plywood | ██████████ | | |
| Laminate | ██████████ | | |
| Non-ferrous | ██████████ | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE

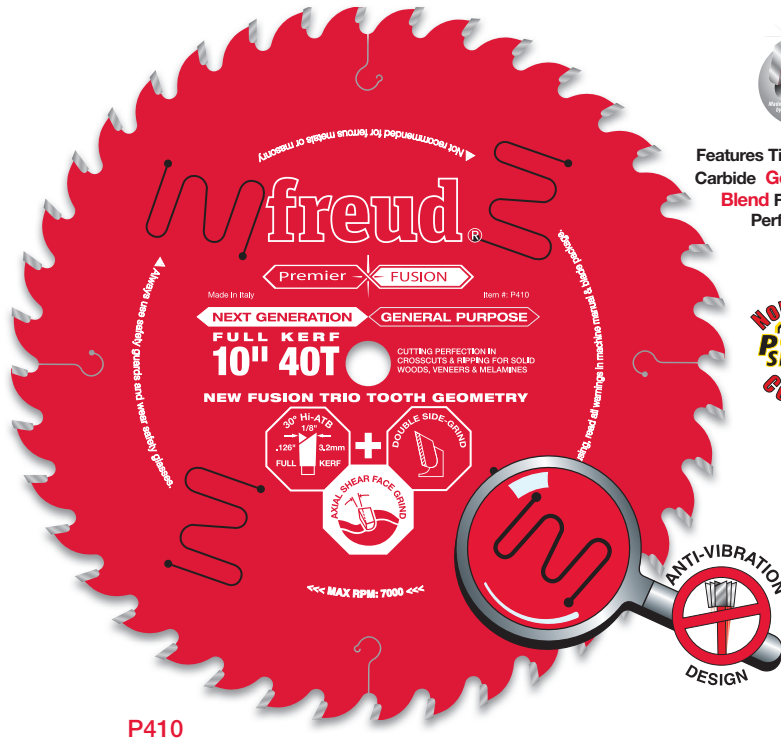


| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|------|------|-------|-------|--------|---------------|
| 8" | .091 | .071 | 5/8" | 24 TCG | LM75R008 |
| 10" | .091 | .071 | 5/8" | 30 TCG | LM75R010 |
| 12" | .091 | .071 | 5/8" | 40 TCG | LM75R012 |

Premier Fusion General Purpose Blade



GENERAL PURPOSE/ COMBINATION



Features TiCo™ Hi-Density Carbide General Purpose Blend For Maximum Performance

USE IN



Table Saws

APPLICATION

Ultimate general purpose saw blade. One blade that does it all. From ripping to crosscutting, a Premier Fusion blade will tackle any project.

FUSION TRIO TOOTH GEOMETRY



AXIAL SHEAR FACE GRIND



30° Hi-ATB

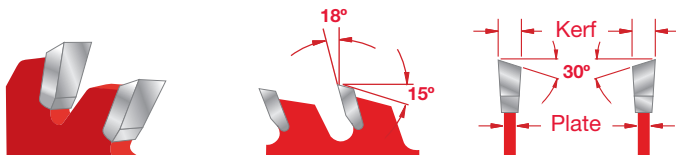


DOUBLE SIDE GRIND

RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | | | |
| Crosscuts Wood | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|------|------|-------|-------|-----------|---------------|
| 8" | .126 | .098 | 5/8" | 34 Hi-ATB | P408 |
| 10" | .126 | .098 | 5/8" | 40 Hi-ATB | P410 |
| 12" | .126 | .098 | 1" | 48 Hi-ATB | P412 |
| 14" | .126 | .098 | 1" | 54 Hi-ATB | P414 |

DEPTH OF CUT



MATERIALS



When cutting on a table saw, put the finish side of your work piece facing up. When cutting with a hand-held saw, put the finish side down. This will reduce splintering.

GENERAL PURPOSE/ COMBINATION



Thin Kerf Premier Fusion General Purpose Blade

USE IN



Table Saws

Miter Saws



Portable
Table Saws

APPLICATION

Ultimate general purpose saw blade. One blade that does it all. From ripping to crosscutting, a Premier Fusion blade will tackle any project.

FUSION TRIO TOOTH GEOMETRY



AXIAL SHEAR
FACE GRIND



30° Hi-ATB



DOUBLE
SIDE GRIND

DEPTH OF CUT



RIPPING



CROSSCUTTING

MATERIALS



Hardwood

Softwood

Melamine

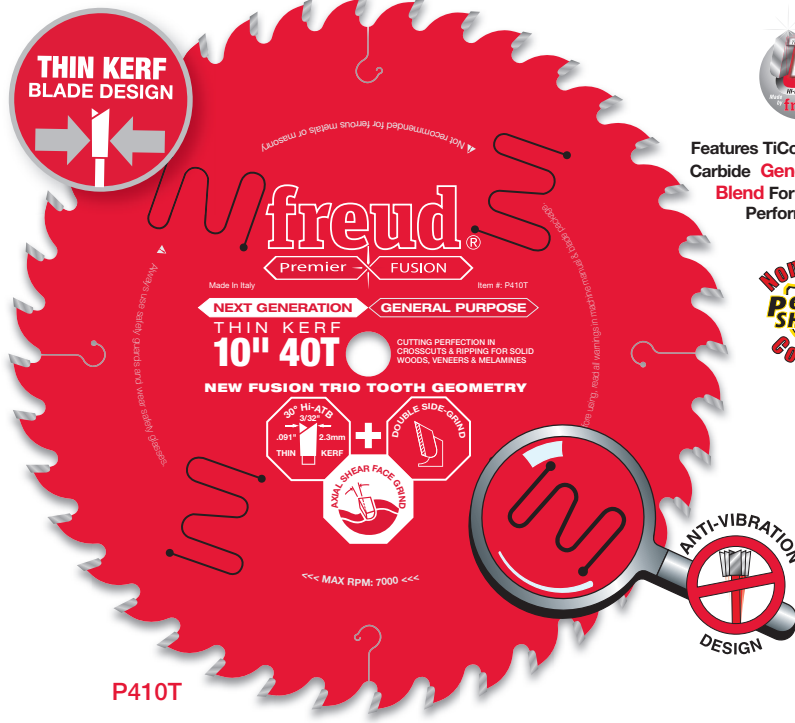


Veneered
Plywood

Plywood

Laminate

If you experience burning on one side of the cut you should check and adjust the saw's alignment. Consult your saw owner's manual for alignment instructions.



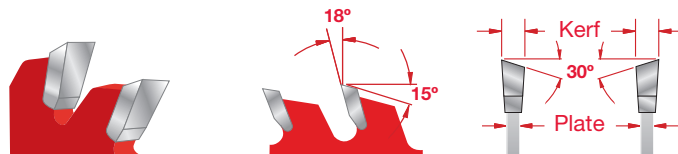
Features TiCo™ Hi-Density Carbide **General Purpose Blend** For Maximum Performance



RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | | | |
| Crosscuts Wood | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE

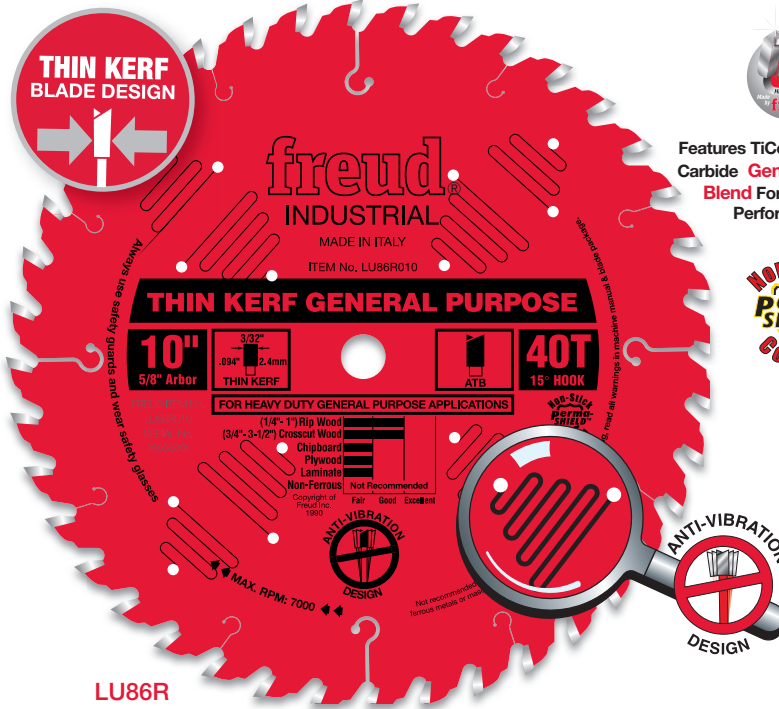


| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|------|------|-------|-------|-----------|---------------|
| 10" | .091 | .071 | 5/8" | 40 Hi-ATB | P410T |

Thin Kerf General Purpose Blades



GENERAL PURPOSE/ COMBINATION



LU86R

Features TiCo™ Hi-Density Carbide General Purpose Blend For Maximum Performance

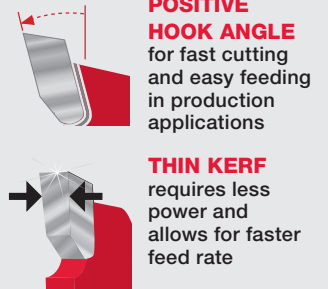


USE IN



APPLICATION

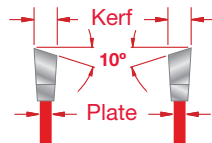
Heavy-duty thin kerf blade for general purpose applications



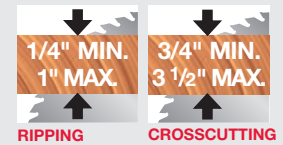
RECOMMENDED USE

| | | | |
|-------------------------------|-------------|-------------|------------------|
| Rips Wood 1/4"-1" | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood 3/4"-3-1/2" | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



DEPTH OF CUT



MATERIALS



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|-------|------|-------|-------|--------|---------------|
| 160mm | .096 | .063 | 20mm | 28 ATB | LU86R006M20* |
| 8" | .087 | .063 | 5/8" | 34 ATB | LU86R008 |
| 10" | .094 | .071 | 5/8" | 40 ATB | LU86R010 |
| 12" | .094 | .071 | 1" | 48 ATB | LU86R012 |
| 14" | .106 | .079 | 1" | 54 ATB | LU86R014 |

i If you experience burning on one side of the cut you should check and adjust the saw's alignment. Consult your saw owner's manual for alignment instructions.

*Ideal for Track Saws

GENERAL PURPOSE/ COMBINATION

Combination Blades

USE IN

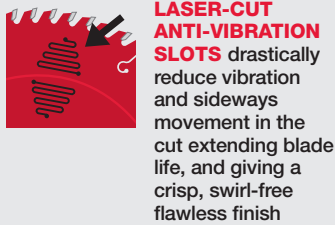


APPLICATION

Multi purpose saw blade. It can rip a piece of 4/4 oak and also crosscut a sheet of 3/4" plywood.

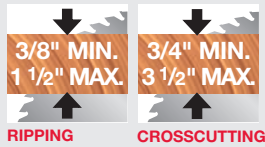


LARGE GULLET in front of flat top rakers allow for fast ripping and easy chip removal

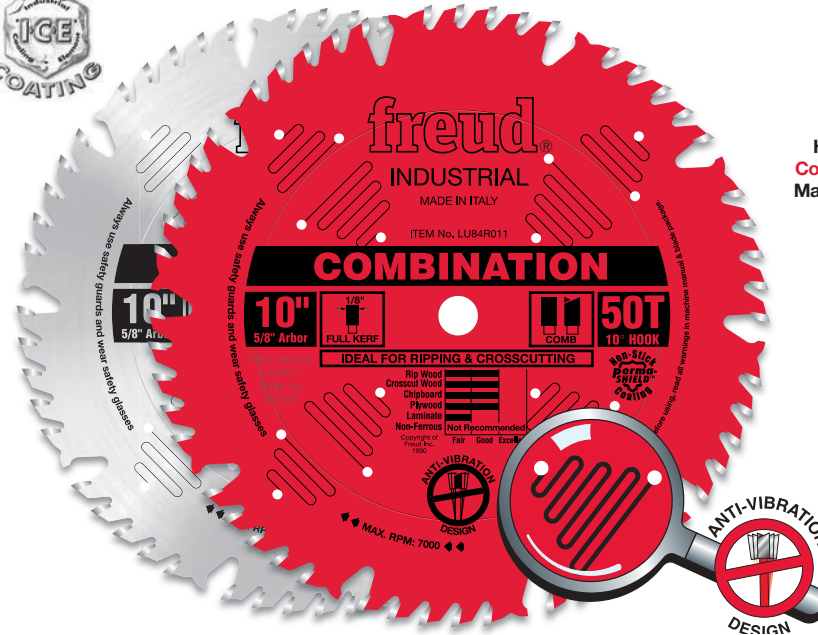


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

DEPTH OF CUT



MATERIALS



LU84M

LU84R



Features TiCo™ Hi-Density Carbide Combination Blend For Maximum Performance



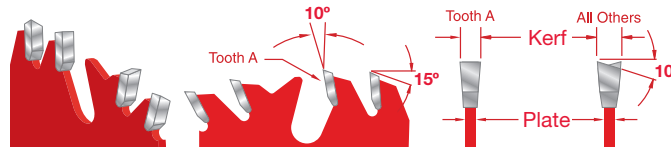
No Stabilizers Needed



RECOMMENDED USE

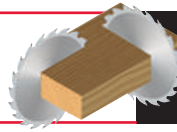
| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | | | |
| Crosscuts Wood | | | |
| Chip Board | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|------|------|-------|-------|---------|---------------|-------------|
| 8" | .126 | .087 | 5/8" | 40 COMB | LU84R008 | LU84M008 |
| 9" | .126 | .087 | 5/8" | 40 COMB | LU84R009 | LU84M009 |
| 10" | .126 | .087 | 5/8" | 50 COMB | LU84R011 | LU84M011 |
| 12" | .126 | .087 | 1" | 60 COMB | LU84R012 | LU84M012 |
| 14" | .157 | .118 | 1" | 70 COMB | LU84R014 | LU84M014 |
| 16" | .157 | .118 | 1" | 80 COMB | LU84R016 | LU84M016 |

Thin Kerf Combination Blades



GENERAL PURPOSE/ COMBINATION

LU83R

USE IN



APPLICATION

Heavy-duty thin kerf blade for general purpose application

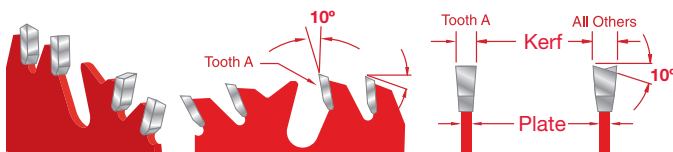
THIN KERF requires less power and allows for faster feed rate

LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|------|------|-------|-------|---------|---------------|
| 8" | .083 | .063 | 5/8" | 40 COMB | LU83R008 |
| 10" | .091 | .071 | 5/8" | 50 COMB | LU83R010 |
| 12" | .091 | .071 | 1" | 60 COMB | LU83R012 |
| 15" | .098 | .079 | 1" | 80 COMB | LU83R015 |

DEPTH OF CUT

| | |
|--------------------------|--------------------------|
| 3/8" MIN. 1 1/2" MAX. | 3/4" MIN. 3 1/2" MAX. |
| RIPPING | CROSSCUTTING |

MATERIALS



Maintain a proper feed rate. Feeding too slow causes burning of the material. Feeding too fast can be dangerous and produces a poor dull cut.

GENERAL PURPOSE/ COMBINATION

High-Production General Purpose Blades

USE IN



Table Saws

Radial Arm
Table Saws

APPLICATION

For fast, thick stock cutting. Ideal for a production environment. With its low number of teeth and steep hook angle, this blade can operate at high feed rates. These features also make it the blade of choice when crosscutting extremely thick stock.

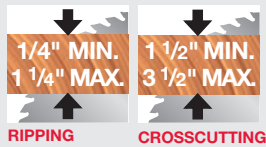


POSITIVE HOOK ANGLE
for fast cutting and easy feeding in production applications



HEAVY-DUTY THICK PLATE
ensures a stable, flat blade for long cutting life in extreme ripping conditions

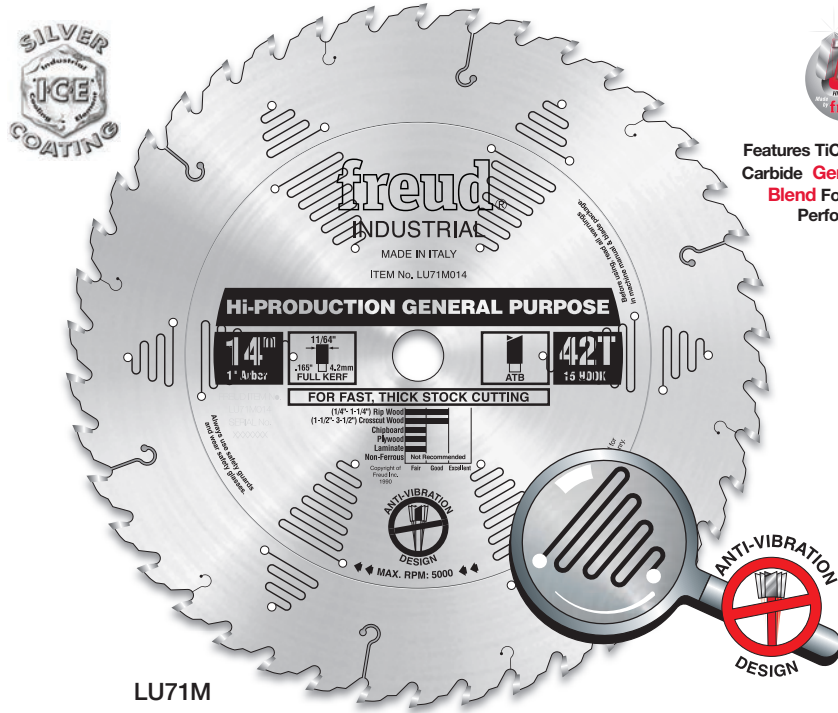
DEPTH OF CUT



MATERIALS



i Maintain a proper feed rate. Feeding too slow causes burning of the material. Feeding too fast can be dangerous and produces a poor dull cut.

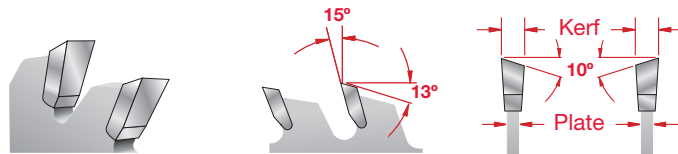


Features TiCo™ Hi-Density Carbide **General Purpose Blend** For Maximum Performance

RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

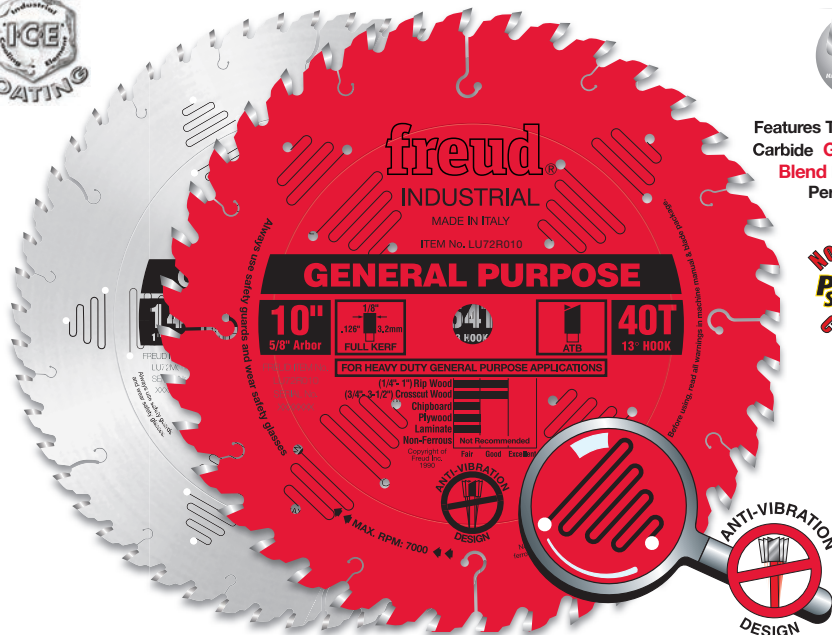
CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|--------|-------------|
| 14" | .165 | .118 | 1" | 42 ATB | LU71M014 |
| 16" | .177 | .118 | 1" | 48 ATB | LU71M016 |

General Purpose Blades

GENERAL PURPOSE/ COMBINATION



LU72M

LU72R



Features TiCo™ Hi-Density Carbide General Purpose Blend For Maximum Performance

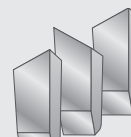


USE IN

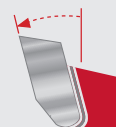


APPLICATION

Heavy-Duty General Purpose Applications. Ideal for cutting thick hardwoods, softwoods and thinner stock materials.



ALTERNATE TOP BEVEL (HI-ATB) TOOTH DESIGN gives quality crosscuts

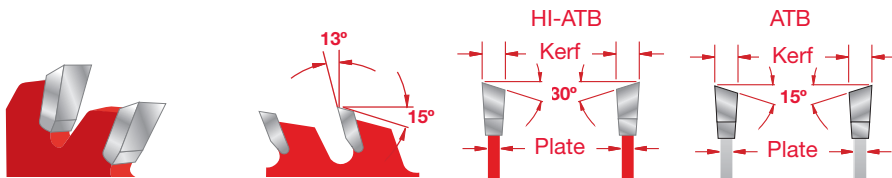


POSITIVE 13° HOOK ANGLE for fast cutting and easy feeding in production applications

RECOMMENDED USE

| | | | |
|---------------------------|-------------|-------------|------------------|
| Rips Wood 1/2"-1" | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood 1/2"-1" | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



DEPTH OF CUT



MATERIALS



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|------|-------|-------|-------|-----------|---------------|-------------|
| 10" | .126 | .087 | 5/8" | 40 Hi-ATB | LU72R010 | - |
| 12" | .126 | .087 | 1" | 48 Hi-ATB | LU72R012 | - |
| 14" | .138" | .098" | 1" | 54 ATB | - | LU72M014 |
| 16" | .150" | .110" | 1" | 60 ATB | - | LU72M016 |
| 18" | .157" | .118" | 1" | 66 ATB | - | LU72M018 |
| 20" | .165" | .126" | 1" | 72 ATB | - | LU72M020 |

i For best results, set your saw so that one half of a carbide tip protrudes beyond the material to be cut

GENERAL PURPOSE/ COMBINATION



Heavy Duty General Purpose Blades

USE IN



Table Saws Miter Saws

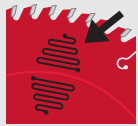
Radial Arm Table Saws

APPLICATION

For long life in stacked chipboard and man-made materials. It will also cut hardwood and softwood up to 2-3/4" thick.

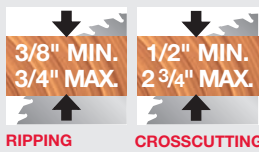


FREUD-MADE TiCo™ CARBIDE is durable and chemical-resistant for long life and razor-sharp cuts

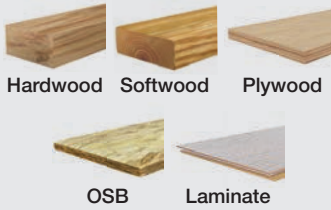


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

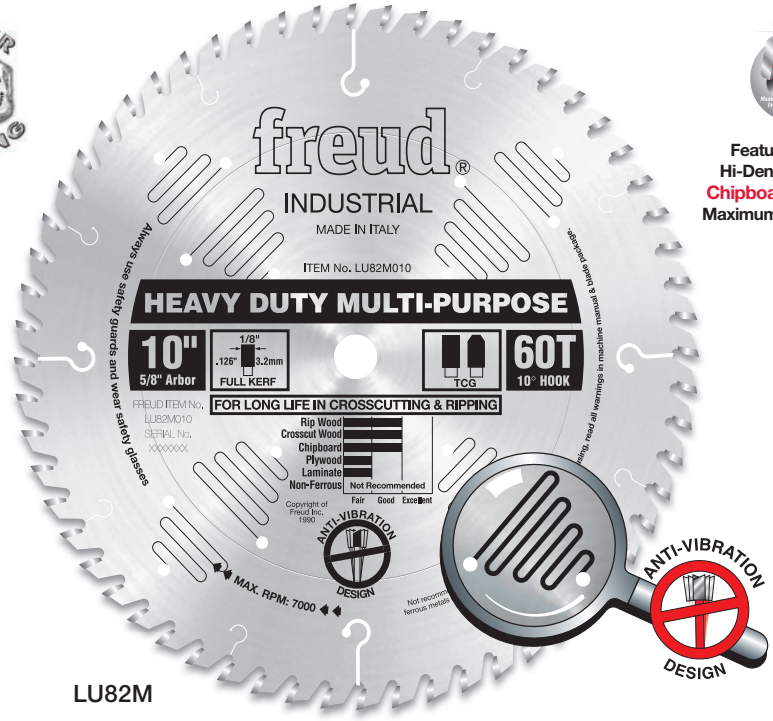
DEPTH OF CUT



MATERIALS



i Never use oven cleaner or other caustic substances to clean Freud saw blades

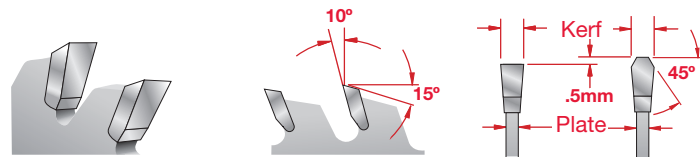
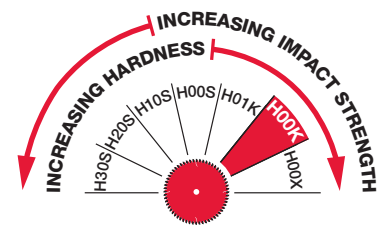


Features TiCo™ Hi-Density Carbide Chipboard Blend For Maximum Performance

RECOMMENDED USE

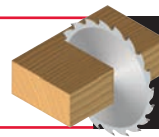
| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | ████████ | ████████ | ████████ |
| Crosscuts Wood | ████████ | ████████ | ████████ |
| Chip Board | ████████ | ████████ | ████████ |
| Plywood | ████████ | ████████ | ████████ |
| Laminate | ████████ | ████████ | ████████ |
| Non-ferrous | ████████ | ████████ | ████████ |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



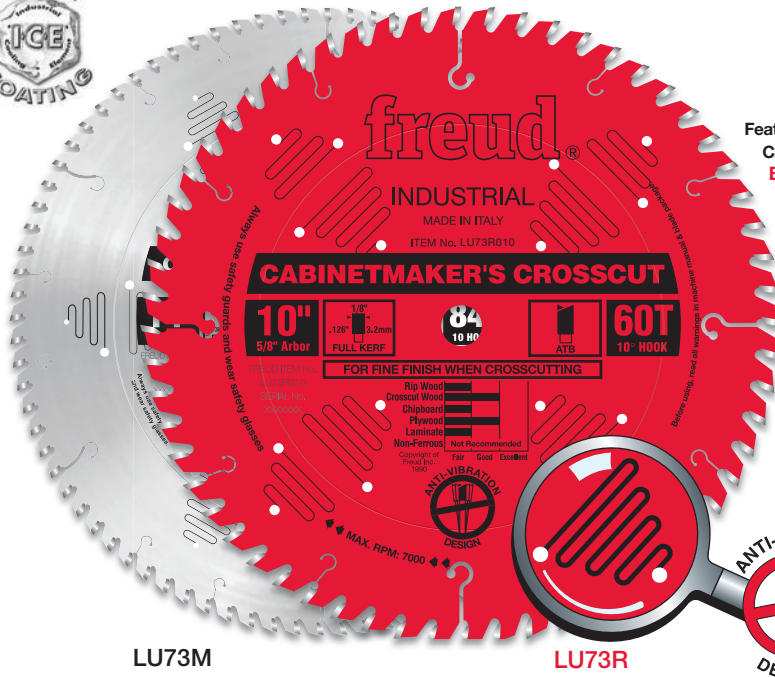
| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|--------|-------------|
| 8" | .126 | .087 | 5/8" | 48 TCG | LU82M008 |
| 9" | .126 | .087 | 5/8" | 54 TCG | LU82M009 |
| 10" | .126 | .087 | 5/8" | 60 TCG | LU82M010 |
| 12" | .126 | .087 | 1" | 72 TCG | LU82M012 |
| 14" | .169 | .118 | 1" | 84 TCG | LU82M014 |
| 16" | .177 | .118 | 1" | 96 TCG | LU82M016 |

Cabinet Maker's Crosscut Blades



CROSSCUTTING BLADE

SAW BLADES



LU73M

LU73R



Features TiCo™ Hi-Density Carbide **Crosscutting Blend** For Maximum Performance



USE IN



Table Saws

Miter Saws



Radial Arm Table Saws

APPLICATION

Includes a 38 degree Hi-ATB (Alternate Top Bevel) tooth grind that delivers excellent crosscuts in double-sided veneer plywood and double-sided melamine.



ALTERNATE TOP BEVEL (HI-ATB) TOOTH DESIGN gives quality crosscuts



PRECISION TENSIONING with computer-controlled equipment keeps the blade flat and true while maximizing blade life and performance

RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | ██████████ | ██████████ | ██████████ |
| Crosscuts Wood | ██████████ | ██████████ | ██████████ |
| Chip Board | ██████████ | ██████████ | ██████████ |
| Plywood | ██████████ | ██████████ | ██████████ |
| Laminate | ██████████ | ██████████ | ██████████ |
| Non-ferrous | ██████████ | ██████████ | ██████████ |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



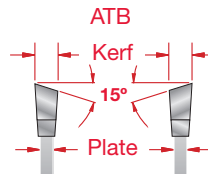
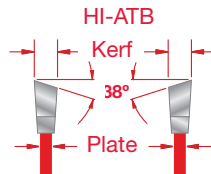
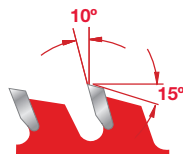
DEPTH OF CUT



MATERIALS



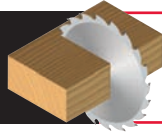
Hardwood Softwood
Plywood Laminate



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|------|-------|-------|-------|-----------|---------------|-------------|
| 10" | .126 | .087 | 5/8" | 60 Hi-ATB | LU73R010 | - |
| 12" | .126 | .087 | 1" | 72 Hi-ATB | LU73R012 | - |
| 14" | .138" | .098" | 1" | 84 ATB | - | LU73M014 |
| 16" | .150" | .110" | 1" | 96 ATB | - | LU73M016 |
| 18" | .157" | .118" | 1" | 108 ATB | - | LU73M018 |

i When cutting on a table saw, put the finish side of your work piece facing up. When cutting with a radial arm saw or hand-held saw, put the finish side down. This will reduce splintering.

CROSSCUTTING BLADE



Thin Kerf Sliding Compound Miter Saw Blades

USE IN



APPLICATION

Provides a superior finish cut with sliding compound miter saws and radial arm saws



NEGATIVE HOOK ANGLE minimizes climbing for better control



THIN KERF requires less power and allows for faster feed rate

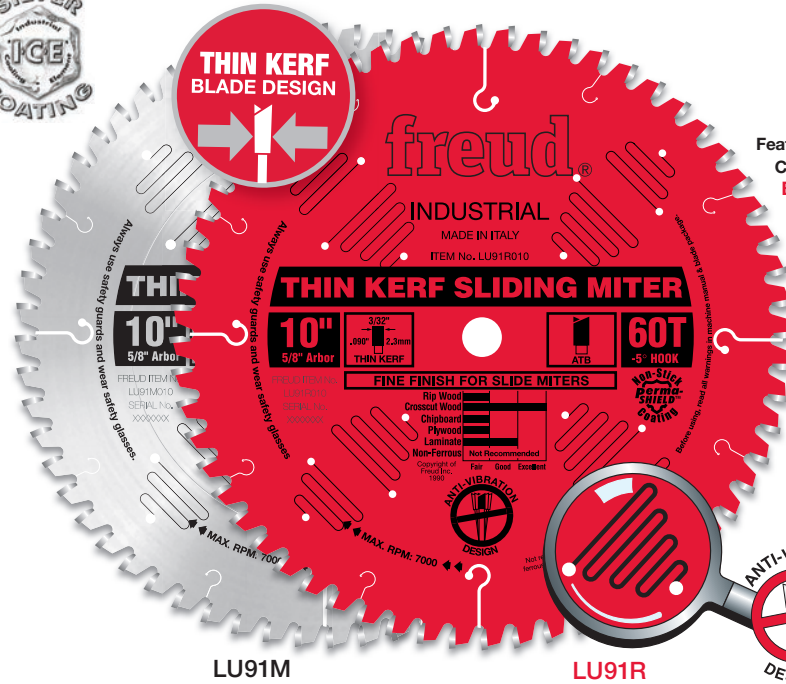
DEPTH OF CUT



MATERIALS



i For safety and best results when using a miter saw, securely clamp the material before cutting



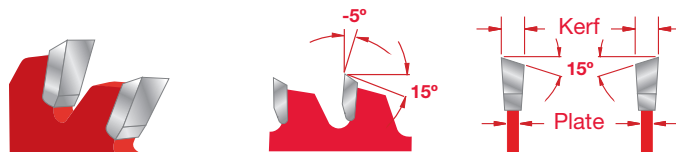
Features TiCo™ Hi-Density Carbide Crosscutting Blend For Maximum Performance



RECOMMENDED USE

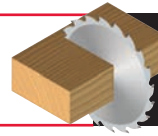
| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



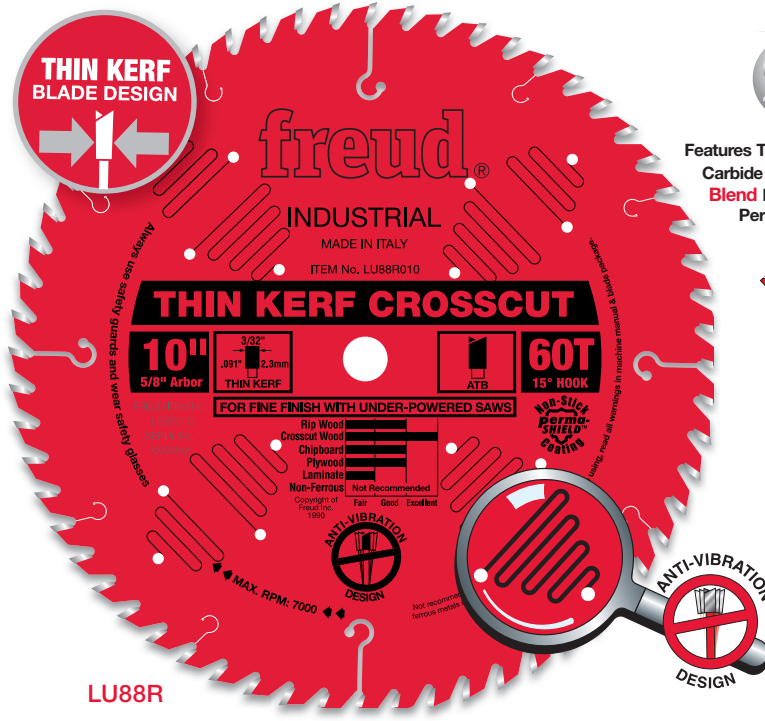
| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|--------|------|-------|-------|--------|---------------|-------------|
| 8-1/2" | .090 | .071 | 5/8" | 48 ATB | LU91R008 | LU91M008 |
| 10" | .090 | .071 | 5/8" | 60 ATB | LU91R010 | LU91M010 |
| 12" | .090 | .071 | 1" | 72 ATB | LU91R012 | LU91M012 |

Thin Kerf Fine Finish Crosscut Blades



CROSSCUTTING BLADE

SAW BLADES



LU88R



Features TiCo™ Hi-Density Carbide Crosscutting Blend For Maximum Performance

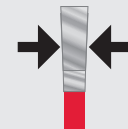


USE IN



APPLICATION

Crosscutting blades for fine finish with underpowered saws. Produces smooth crosscuts in hardwoods, softwoods and moldings.



THIN KERF reduces waste and feeds easier

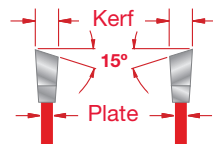


POSITIVE HOOK ANGLE produce a smoother cut and allow for a faster feed rate

RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | | | |
| Crosscuts Wood | | | |
| Chip Board | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



DEPTH OF CUT



MATERIALS

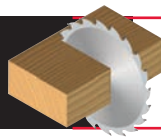


| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|------|------|-------|-------|--------|---------------|
| 8" | .083 | .063 | 5/8" | 48 ATB | LU88R008 |
| 9" | .090 | .071 | 5/8" | 54 ATB | LU88R009 |
| 10" | .090 | .071 | 5/8" | 60 ATB | LU88R010 |
| 12" | .094 | .071 | 1" | 80 ATB | LU88R012 |



If you experience burning on one side of the cut you should check and adjust the saw's alignment. Consult your saw's owner's manual for alignment instructions.

CROSSCUTTING BLADE



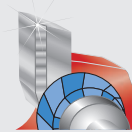
Ultimate Cut-Off Blades

USE IN



APPLICATION

Polish material as it cuts, giving it glass-smooth finishes when crosscutting hard and soft woods. No sanding is required.



UNIQUE SIDE GRIND polishes the material to produce a superior finish



LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

DEPTH OF CUT



MATERIALS



i When crosscutting, 5 to 7 teeth should be working in the wood at one time



Features TiCo™ Hi-Density Carbide Crosscutting Blend For Maximum Performance



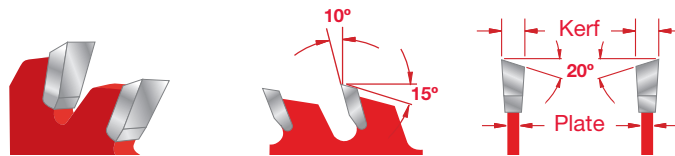
No Stabilizers Needed



RECOMMENDED USE

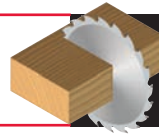
| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|------|------|-------|-------|---------|---------------|
| 8" | .116 | .098 | 5/8" | 64 ATB | LU85R008 |
| 9" | .116 | .098 | 5/8" | 72 ATB | LU85R009 |
| 10" | .116 | .098 | 5/8" | 80 ATB | LU85R010 |
| 12" | .116 | .098 | 1" | 96 ATB | LU85R012 |
| 14" | .136 | .118 | 1" | 108 ATB | LU85R014 |
| 15" | .136 | .118 | 1" | 108 ATB | LU85R015 |

Thin Kerf Ultimate Cut-Off Blades



CROSSCUTTING BLADE

USE IN



Features TiCo™ Hi-Density Carbide Crosscutting Blend For Maximum Performance

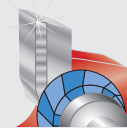


No Stabilizers Needed

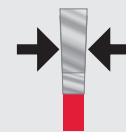


APPLICATION

Ultimate cut-off blades for glass-smooth finishes with underpowered saws



UNIQUE SIDE GRIND polishes the material to produce a superior finish

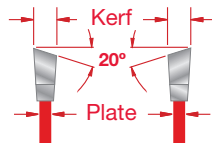


THIN KERF reduces waste and feeds easier

RECOMMENDED USE

| | | | |
|----------------|------|------|-----------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE

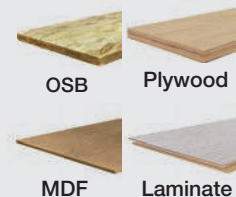


| DIA. | KERF | PLATE | ARBOR | HOOK ANGLE | TEETH | Perma-SHIELD® |
|------|------|-------|-------|------------|---------|---------------|
| 8" | .087 | .063 | 5/8" | 10° | 64 ATB | LU74R008 |
| 10" | .091 | .071 | 5/8" | 10° | 80 ATB | LU74R010 |
| 12" | .091 | .071 | 1" | 10° | 96 ATB | LU74R012 |
| 14" | .118 | .087 | 1" | 10° | 108 ATB | LU74R014 |

DEPTH OF CUT



MATERIALS



Maintain a proper feed rate. Feeding too slow causes burning of the material. Feeding too fast can be dangerous and produces a poor dull cut.

PLYWOOD BLADES



Ultimate Plywood & Melamine Blades

USE IN



Table Saws

Miter Saws

Radial Arm Table Saws

APPLICATION

Flawless, virtually chip-free edges in veneered plywoods, fine moldings, melamine, laminates, and crosscuts in solid woods. It eliminates the need for stabilizer or a scoring blade.



HIGH ALTERNATE TOP BEVEL (HI-ATB) Tooth Design produces splinter-free cuts



LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

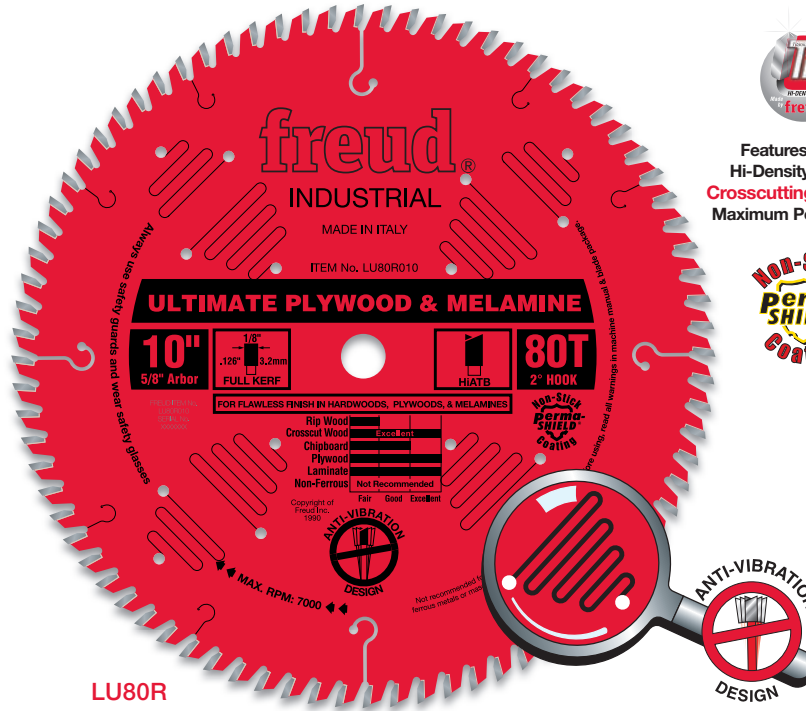
DEPTH OF CUT



MATERIALS



i When you need a smooth finish on both sides of plywood or laminate use a zero clearance insert or blade with Hi-ATB teeth



Features TiCo™ Hi-Density Carbide Crosscutting Blend For Maximum Performance

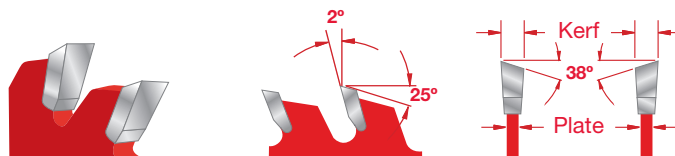


LU80R

RECOMMENDED USE

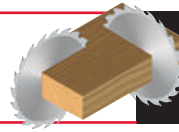
| | | | |
|--------------------|-----------------|-----------------|------------------|
| Rips Wood | Excellent | Good | Fair |
| Crosscuts Wood | Excellent | Good | Fair |
| Chip Board | Excellent | Good | Fair |
| Plywood | Excellent | Good | Fair |
| Laminate | Excellent | Good | Fair |
| Non-ferrous | Not Recommended | Not Recommended | Not Recommended |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



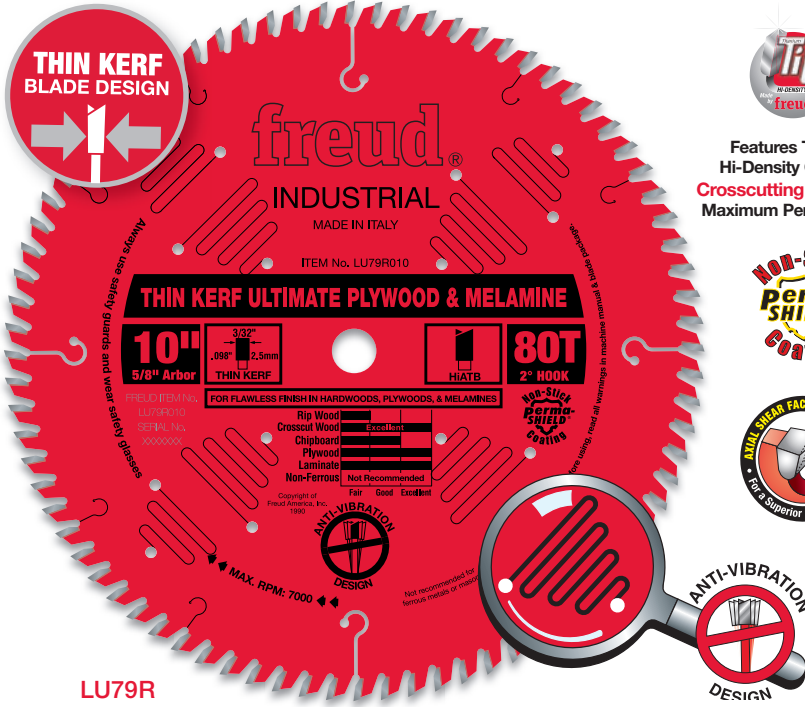
| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|------|------|-------|-------|-----------|---------------|
| 10" | .126 | .087 | 5/8" | 80 Hi-ATB | LU80R010 |
| 12" | .126 | .087 | 1" | 96 Hi-ATB | LU80R012 |

Thin Kerf Ultimate Plywood & Melamine Blades



PLYWOOD BLADES

SAW BLADES



Features TiCo™ Hi-Density Carbide Crosscutting Blend For Maximum Performance



USE IN



APPLICATION

Flawless, chip-free edges in veneered plywoods, fine moldings, melamine, laminates, and crosscuts in solid woods



HIGH ALTERNATE TOP BEVEL (HI-ATB) Tooth Design produces splinter-free cuts

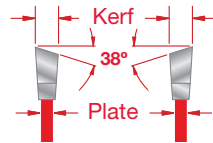


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

RECOMMENDED USE

| | | | |
|----------------|------|------|-----------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



DEPTH OF CUT



MATERIALS



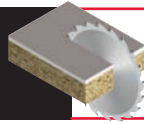
| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|--------|-------|-------|-------|-----------|---------------|
| 160mm | .087" | .063" | 20mm | 48 Hi-ATB | LU79R006M20* |
| 7-1/4" | .079" | .063" | 5/8" | 60 Hi-ATB | LU79R007 |
| 10" | .098" | .071" | 5/8" | 80 Hi-ATB | LU79R010 |
| 12" | .098" | .071" | 1" | 96 Hi-ATB | LU79R012 |

*Ideal for Track Saws



When you need a smooth finish on both sides of plywood or laminate use a zero clearance insert or blade with Hi-ATB teeth

STACKED CHIPBOARD BLADES



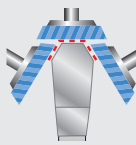
Heavy-Duty Stacked Chipboard Blades

USE IN



APPLICATION

For sizing sheet goods where speed is more important than a smooth finish or when cutting stacks of material



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN offers longer life when cutting abrasive man-made materials



POSITIVE HOOK ANGLE for fast cutting and easy feeding in production applications

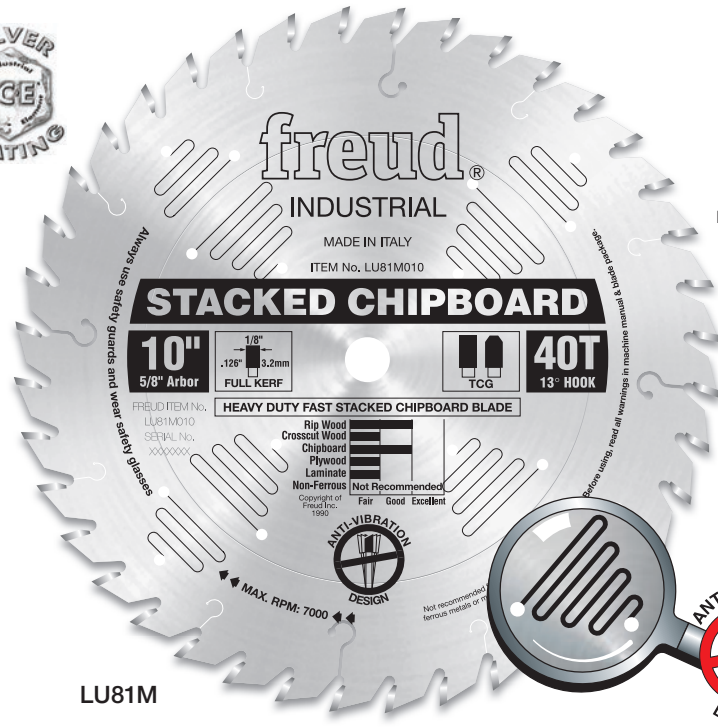
DEPTH OF CUT



MATERIALS



Resin build up can cause a blade to drag in the cut, resulting in shorter blade life, burning in the cut and unnecessary strain on the saw. For best results, be sure the blade is clean before use.

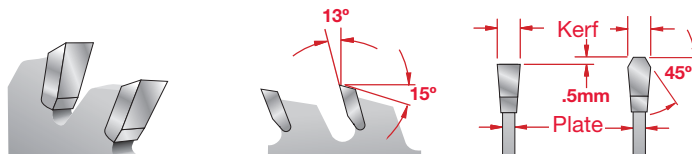


Features TiCo™ Hi-Density Carbide Chipboard Blend For Maximum Performance

RECOMMENDED USE

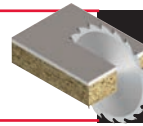
| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE

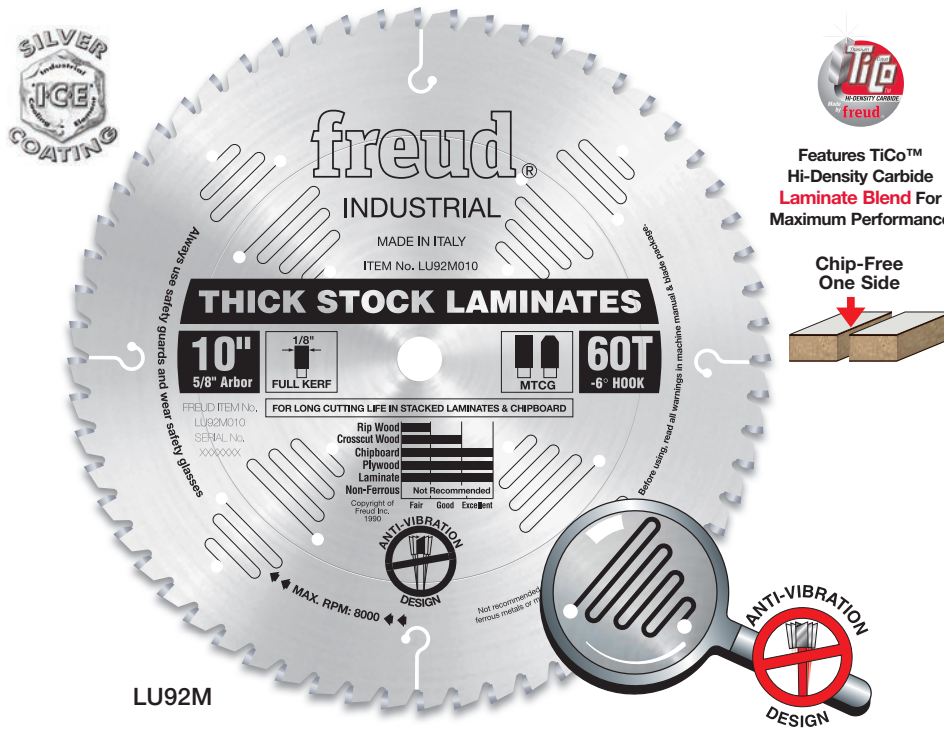


| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|--------|-------------|
| 10" | .126 | .087 | 5/8" | 40 TCG | LU81M010 |
| 12" | .126 | .087 | 1" | 48 TCG | LU81M012 |
| 14" | .138 | .098 | 1" | 54 TCG | LU81M014 |
| 16" | .150 | .110 | 1" | 60 TCG | LU81M016 |

Thick Stock Laminate Blades



LAMINATE/ MELAMINE BLADES

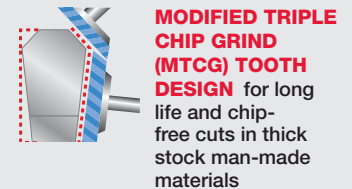


USE IN



APPLICATION

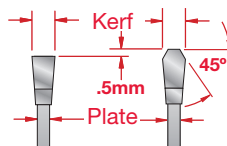
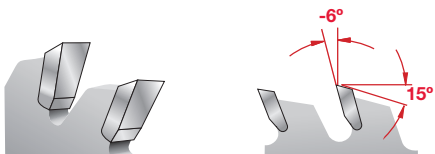
Heavy-duty production blade. Produces an excellent finish on the top and bottom of thick laminates and melamine. Ideal for cutting stacked 3/4" laminates and melamine.



RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

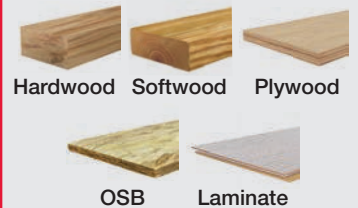
CARBIDE GRADE



DEPTH OF CUT



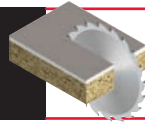
MATERIALS



| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|---------|-------------|
| 8" | .126 | .087 | 5/8" | 48 MTCG | LU92M008 |
| 9" | .126 | .087 | 5/8" | 56 MTCG | LU92M009 |
| 10" | .126 | .087 | 5/8" | 60 MTCG | LU92M010 |
| 12" | .126 | .087 | 1" | 72 MTCG | LU92M012 |
| 14" | .138 | .098 | 1" | 84 MTCG | LU92M014 |

Proper blade height is essential to chip-free cuts. If you experience chipping on the bottom of the material, lower the blade slightly. If there is chipping on the top of the material the blade height should be increased slightly.

LAMINATE/ MELAMINE BLADE



Single-Sided Laminate/ Melamine Blade

USE IN



Table Saws

Miter Saws

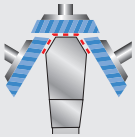
Vertical Panel Saws

Radial Arm Table Saws

Circular Saws

APPLICATION

Long life, production blades for single-sided laminates, chip board and other man-made materials



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN with a positive hook angle for long life in production applications



POSITIVE HOOK ANGLE for fast cutting and easy feed

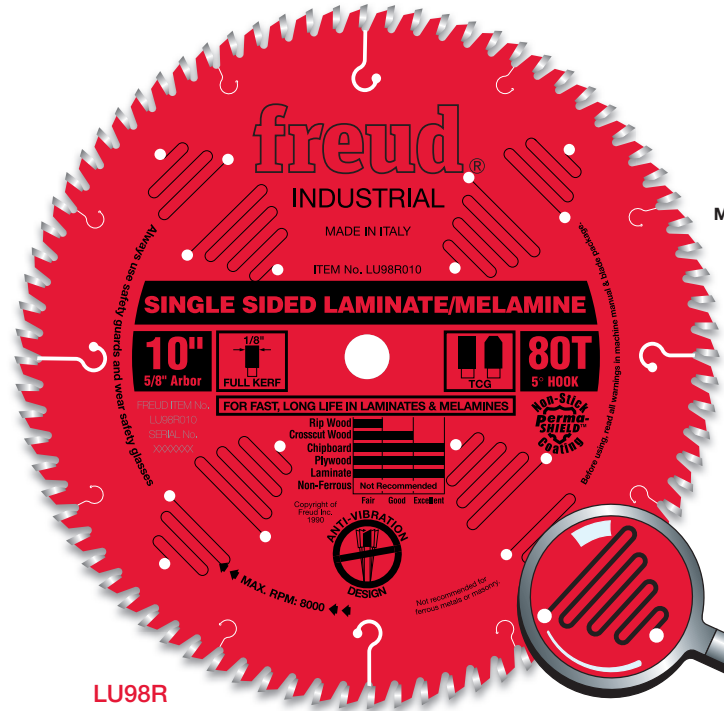
DEPTH OF CUT



MATERIALS



When cutting man-made products, such as laminates, melamines, MDF, and particle board, use a blade with Triple Chip Grind (TCG) blade life.



LU98R



Features **TiCo™** Hi-Density Carbide **Laminate Blend** For Maximum Performance



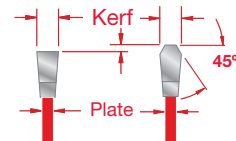
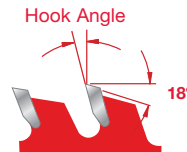
Chip-Free One Side



RECOMMENDED USE

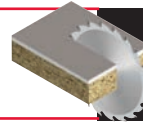
| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE

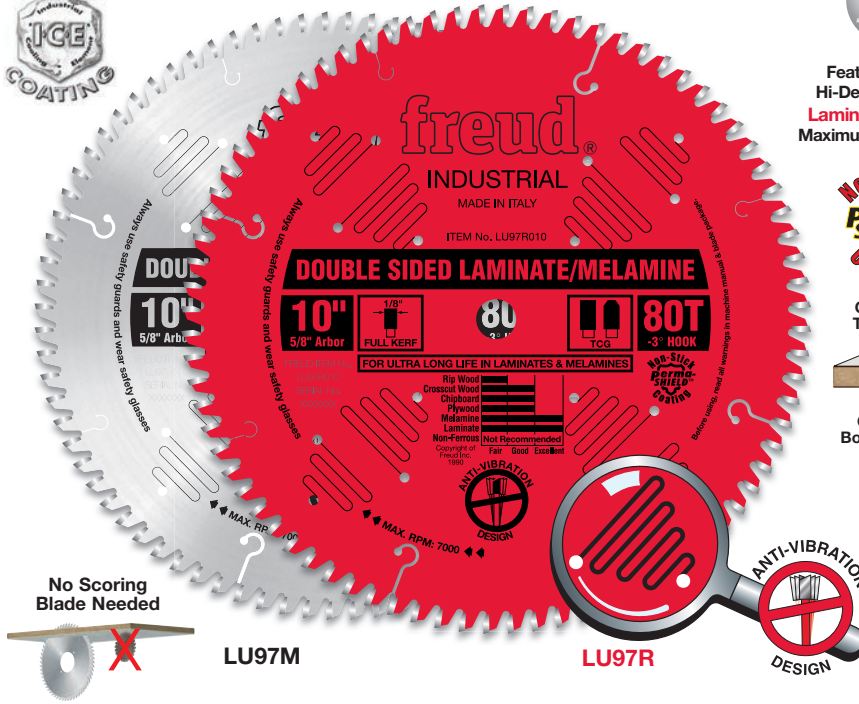


| DIA. | KERF | PLATE | ARBOR | HOOK ANGLE | TEETH | Perma-SHIELD® |
|------|------|-------|-------|------------|---------|---------------|
| 7" | .126 | .087 | 5/8" | 5° | 56 TCG | LU98R007 |
| 8" | .126 | .087 | 5/8" | 5° | 64 TCG | LU98R008 |
| 9" | .126 | .087 | 5/8" | 5° | 72 TCG | LU98R009 |
| 10" | .126 | .087 | 5/8" | 5° | 80 TCG | LU98R010 |
| 12" | .126 | .087 | 1" | 5° | 96 TCG | LU98R012 |
| 14" | .138 | .098 | 1" | 7° | 108 TCG | LU98R014 |
| 16" | .150 | .110 | 1" | 10° | 120 TCG | LU98R016 |

Double-Sided Laminate/ Melamine Blades



LAMINATE/ MELAMINE BLADES



Features TiCo™
Hi-Density Carbide
Laminate Blend For
Maximum Performance



Chip-Free
Top of Cut

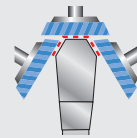
Chip-Free
Bottom of Cut

USE IN



APPLICATION

Designed to give long life and excellent finish on the top and bottom of laminates, melamine & veneered plywood. No scoring blades needed with this blade.



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN with a positive hook angle for long life in production applications

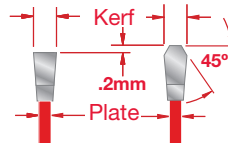
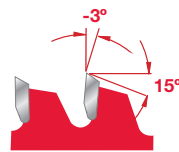


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

RECOMMENDED USE

| | | | |
|--------------------|-------------|-------------|------------------|
| Rips Wood | FAIR | GOOD | EXCELLENT |
| Crosscuts Wood | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Melamine | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE

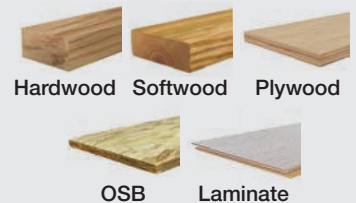


| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|------|------|-------|-------|---------|---------------|-------------|
| 8" | .126 | .087 | 5/8" | 64 TCG | LU97R008 | - |
| 10" | .126 | .087 | 5/8" | 80 TCG | LU97R010 | LU97M010 |
| 12" | .126 | .087 | 1" | 96 TCG | LU97R012 | - |
| 14" | .138 | .098 | 1" | 108 TCG | LU97R014 | - |

DEPTH OF CUT



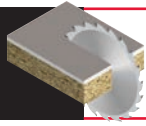
MATERIALS



Proper blade height is essential to chip-free cuts. If you experience chipping on the bottom of the material, lower the blade slightly. If there is chipping on the top of the material the blade height should be increased slightly.



LAMINATE/ MELAMINE BLADE



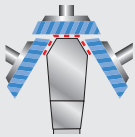
Thin Kerf Double-Sided Laminate/Melamine

USE IN



APPLICATION

Designed to give long life and excellent finish on the top and bottom of laminates, melamine & veneered plywood. No scoring blades needed with this blade!



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN with a positive hook angle for long life in production applications



THIN KERF requires less power and allows for faster feed rate

DEPTH OF CUT



MATERIALS



Proper blade height is essential to chip-free cuts. If you experience chipping on the bottom of the material, lower the blade slightly. If there is chipping on the top of the material the blade height should be increased slightly.

THIN KERF BLADE DESIGN

Freud INDUSTRIAL
MADE IN ITALY
ITEM No. LU96R010

THIN KERF DOUBLE SIDED MELAMINE

10" 5/8" Arbor
3/32" THIN KERF
.091" 2.3mm
TCG
80T -3° HOOK

FOR ULTRA LONG LIFE IN LAMINATES & MELAMINES

| | |
|---------------|-----------------|
| Rip Wood | Excellent |
| Crosscut Wood | Good |
| Chipboard | Fair |
| Plywood | Fair |
| Laminate | Excellent |
| Non-Ferrous | Not Recommended |

Non-Slip Perma-SHIELD Coating

Chip-Free One Side

ANTI-VIBRATION DESIGN

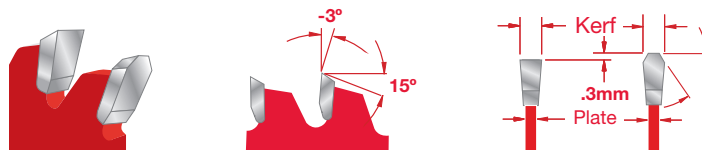
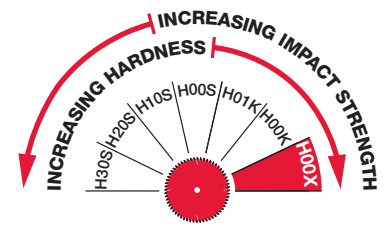
No Scoring Blade Needed

MAX. RPM: 8000

RECOMMENDED USE

| | | | |
|--------------------|-----------------|-------------|------------------|
| Rips Wood | Excellent | | |
| Crosscuts Wood | Good | | |
| Chip Board | Fair | | |
| Plywood | Fair | | |
| Melamine | Excellent | | |
| Laminate | Excellent | | |
| Non-ferrous | Not Recommended | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

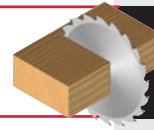
CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® |
|-------|------|-------|-------|--------|---------------|
| 160mm | .087 | .063 | 20mm | 48 TCG | LU96R006M20* |
| 8" | .083 | .063 | 5/8" | 64 TCG | LU96R008 |
| 10" | .091 | .071 | 5/8" | 80 TCG | LU96R010 |
| 12" | .091 | .071 | 1" | 96 TCG | LU96R012 |

*Ideal for Track Saws

Industrial Plastic Blades



SPECIALTY BLADES

SAW BLADES



Features TiCo™ Hi-Density Carbide Specialty Blend For Maximum Performance

USE IN



Table Saws

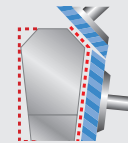
Miter Saws



Radial Arm Table Saws

APPLICATION

Cuts acrylics, poly-carbonates and other plastics, leaving a smooth finish without melting. By combining micrograin carbide tips with a specially modified triple chip grind these blades will give a clean smooth cut.



MODIFIED TRIPLE CHIP GRIND (MTCG) TOOTH DESIGN enables material to remain cool while cutting, eliminating melting

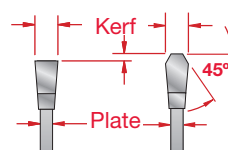
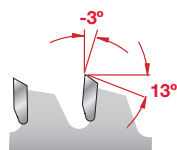
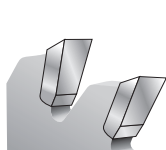


NEGATIVE HOOK ANGLE produces a superior finish without grabbing the material

RECOMMENDED USE

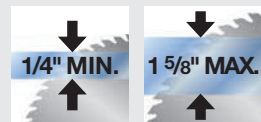
| | | | |
|--------------------|-------------|-------------|------------------|
| Plexiglass | FAIR | GOOD | EXCELLENT |
| Plastis | FAIR | GOOD | EXCELLENT |
| Chip Board | FAIR | GOOD | EXCELLENT |
| Plywood | FAIR | GOOD | EXCELLENT |
| Laminate | FAIR | GOOD | EXCELLENT |
| Non-ferrous | FAIR | GOOD | EXCELLENT |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE

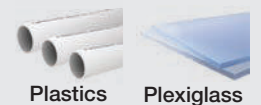


| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|----------|-------------|
| 8" | .110 | .087 | 5/8" | 64 MTCG | LU94M008 |
| 10" | .110 | .087 | 5/8" | 80 MTCG | LU94M010 |
| 12" | .110 | .087 | 1" | 96 MTCG | LU94M012 |
| 14" | .110 | .087 | 1" | 108 MTCG | LU94M014 |

DEPTH OF CUT



MATERIALS



i For best results, set your saw so that the blade is exposed only enough that one half of a carbide tip protrudes beyond the material to be cut

SPECIALTY BLADES



Solid Surface Blades

USE IN



Table Saws

Miter Saws

Radial Arm Table Saws

APPLICATION

Features teeth with a specially designed triple chip grind for leaving swirl & burn-free cuts in solid surface materials such as Dupont® Corian®, Wilsonart Gibraltar® and SSV Fountainhead®.

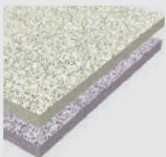


LASER-CUT ANTI-VIBRATION SLOTS drastically reduce vibration and sideways movement in the cut extending blade life, and giving a crisp, swirl-free flawless finish

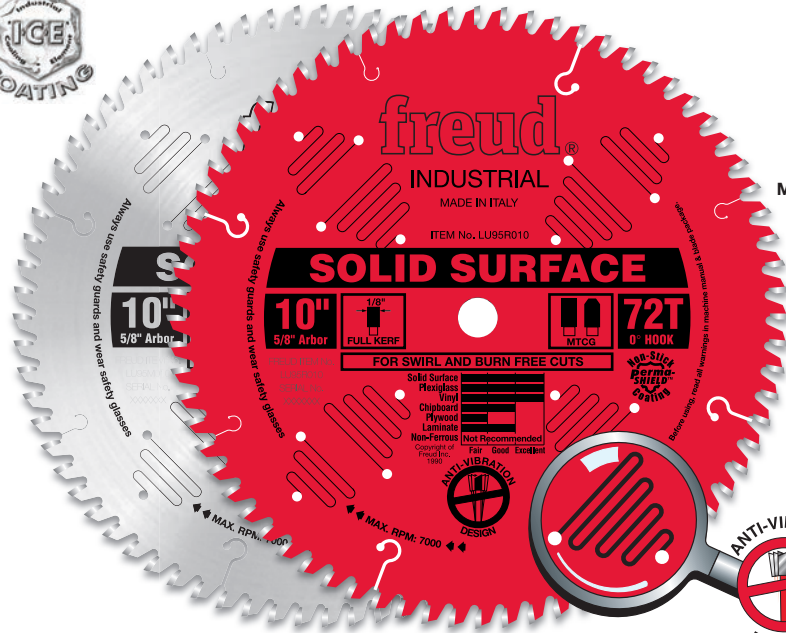
DEPTH OF CUT



MATERIALS



Solid Surface



LU95M

LU95R



Features TiCo™ Hi-Density Carbide Specialty Blend For Maximum Performance



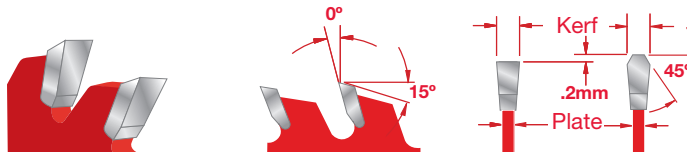
No Stabilizers Needed



RECOMMENDED USE

| | | | |
|---------------|--|--|--|
| Solid Surface | | | |
| Plexyglass | | | |
| Vinyl | | | |
| Chipboard | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |

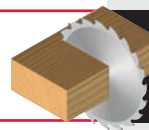
CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | Perma-SHIELD® | SILVER ICE™ |
|------|------|-------|-------|---------|---------------|-------------|
| 8" | .126 | .087 | 5/8" | 60 MTCG | LU95R008 | - |
| 10" | .126 | .087 | 5/8" | 72 MTCG | LU95R010 | LU95M010 |
| 12" | .126 | .087 | 1" | 84 MTCG | LU95R012 | - |
| 14" | .138 | .098 | 1" | 96 MTCG | LU95R014 | - |

i Proper blade height on a table saw is one half of the carbide tip higher than the material to be cut

Industrial Countertop Surface Blades

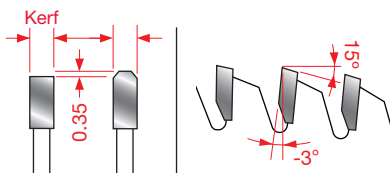


SPECIALTY BLADES

SAW BLADES



MTCG Grind



USE IN



Table Saws



Vertical Panel Saws



Radial Arm Table Saws



Sliding Table Saw Panel Saws

APPLICATION

Features teeth with a specially designed triple chip grind for leaving swirl & burn-free cuts in solid surface materials such as Dupont[®] Corian[®], Wilsonart Gibraltar[®] and SSV Fountainhead[®].

FEATURES

Designed for a smooth cut on HPL coated counter tops and other applications requiring a chip free cut

MATERIALS



Chipboard

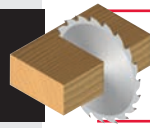
MDF



Coated Particle Board

| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | SILVER ICE™ |
|--------------|--------------|---------------|---------------|---------------|-----------------|-----------------------------------|----------------|
| 220 | 3.2 (0.126") | 2.2 | 30 | -3° | 64/MTCG | 2/7/42 + 2/9/46.4 + 2/10/60 | LCL7M10017 |
| 254 (10") | 3.2 (0.126") | 2.2 | 1" | -3° | 80/MTCG | - | LCL7M10018 |
| 250 | 3.2 (0.126") | 2.2 | 30 | -3° | 80/MTCG | 2/7/42 + 2/9/46.4 + 2/10/60 | LU4D01 |
| 300 | 3.2 (0.126") | 2.2 | 30 | -3° | 96/MTCG | 2/7/42 + 2/9/46.4 + 2/10/60 | LU4D02 |
| 305 (12") | 3.2 (0.126") | 2.2 | 1" | -3° | 96/MTCG | - | LCL7M10022 |
| 350 | 3.2 (0.126") | 2.2 | | -3° | 108/MTCG | | LU4D03 |

SPECIALTY BLADES



Industrial Countertop Surface Blades

CONTINUED

USE IN

Radial Arm
Table SawsStationary
Table Saws

APPLICATION

To size counter tops

FEATURES

Designed for a smooth cut
in laminated material and
solid surfaces

MATERIALS



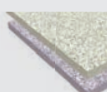
Laminate



Melamine



Chipboard

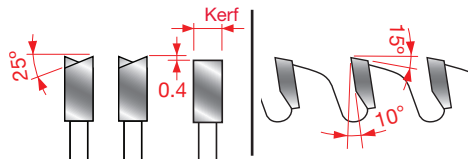


Solid Surface

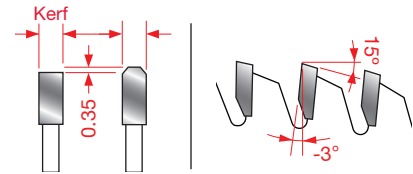


Features TiCo™
Hi-Density Carbide
Specialty Blend For
Maximum Performance

4+1 RAKER Grind



MTCG Grind



| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | SILVER ICE™ |
|----------------|-------------------|---------------|---------------|---------------|-----------------|-------------|
| 355mm (14") | 4.4mm (0.173") | 3 | 1" | 0° | 100/4+1 RKR | LCL7M10023 |
| 406mm (16") | 4.4mm (0.173") | 3 | 1" | 0° | 110/4+1 RKR | LCL7M10015 |
| 355mm (14") | 4.4mm (0.173") | 3 | 1" | -3° | 84/MTCG | LCL7M10016 |
| 406mm (16") | 4.4mm (0.173") | 3 | 1" | -3° | 100/MTCG | LCL7M10014 |

FREUD INNOVATION

ALUMINUM SAW BLADES

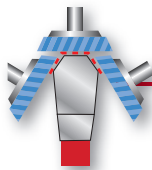
Freud's exclusive blend of TiCo™ Hi-Density Carbide is specifically designed for aluminum cutting applications to maximize cutting life and material finish.



Freud's own Silver I.C.E. Coating™ reduces heat, build up and eliminates rust and corrosion to maximize the life of the blade.



Triple Chip Grind designed to maximize life, speed, and durability, giving burr-free cuts in aluminum cutting applications.

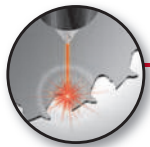


Anti-Vibration Design for unmatched accuracy in saw plate flatness and rigidity to eliminate movement and reduce vibration.

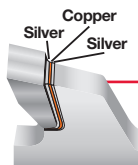


Freud's Hi-Tolerance Precision Plate Grinding & Tensioning

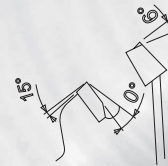
features a laser cut blade body from **48 Rockwell steel plate** (the world's highest quality steel) that remains flat and true, over the lifetime of the blade, for ultimate accuracy.



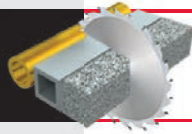
Tri-Metal Brazing consists of copper sandwiched between two layers of silver to create a stronger, more impact-resistant bond between the carbide and blade body.



PATENTED SYSTEMS
freud®
MADE IN ITALY



ALUMINUM BLADES



Medium Stock Aluminum Metal Blades

USE IN



Table Saws

Miter Saws



Portable Table Saws

APPLICATION

This medium stock heavy-duty, aluminum metal cutting blade produces an excellent finish. Freud recommends use of a liquid lubricant when cutting. Wax sticks are not recommended.



Anti-Vibration Design for unmatched accuracy in saw plate flatness and rigidity to eliminate movement and reduce vibration.



FREUD-MADE TICO™ CARBIDE is durable and chemical-resistant for long life and razor-sharp cuts

WALL THICKNESS



MATERIALS



Aluminum

Copper

Brass



Features TiCo™ Hi-Density Carbide Aluminum Blend For Maximum Performance

MEDIUM STOCK ALUMINUM BLADE
FOR ALUMINUM, BRASS, COPPER, PLASTICS, & OTHER NON-FERROUS METALS

ITEM: LU77M010

MADE IN ITALY

10" 80T

TCG FULL KERF
7/64" - 2.8mm
0.11" -5° Hook



| | |
|---------------|-----------------|
| Rip Wood | Not Recommended |
| Crosscut Wood | Not Recommended |
| Chipboard | Not Recommended |
| Plywood | Not Recommended |
| Laminate | Not Recommended |
| Aluminum | Fair |
| | Good |
| | Excellent |



Read warnings included with blade.
Lire les avertissements incluses avec la lame.
Lire les avertissements accompagnant la lame.

MAX. RPM: 6000
ROTATION/ROTACION

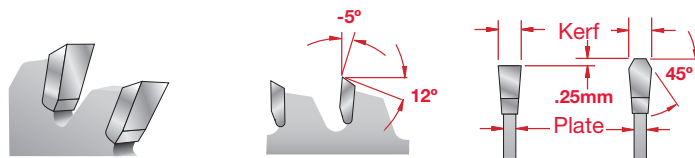


LU77M

RECOMMENDED USE

| | | | |
|--------------------|------|------|-----------|
| Rips Wood | | | |
| Crosscuts Wood | | | |
| Chip Board | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|--------|-------------|
| 8" | .091 | .071 | 5/8" | 60 TCG | LU77M008 |
| 10" | .111 | .087 | 5/8" | 80 TCG | LU77M010 |
| 12" | .111 | .087 | 1" | 96 TCG | LU77M012 |

Thin Stock Aluminum Metal Blades

ALUMINUM BLADES

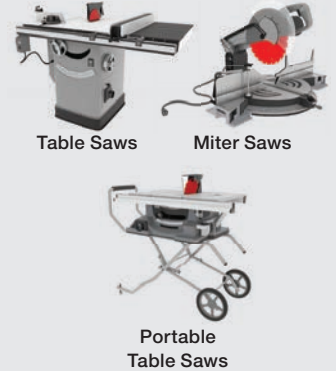


LU90M



Features TiCo™ Hi-Density Carbide Non-Ferrous Blend For Maximum Performance

USE IN



APPLICATION

Produces a smooth, burr-free finish when cutting thin aluminum, brass and other non-ferrous metal extrusions. Freud recommends use of a liquid lubricant when cutting non-ferrous materials. Wax sticks are not recommended.



FREUD-MADE TICO™ CARBIDE is durable and chemical-resistant for long life and razor-sharp cuts

RECOMMENDED USE

| | | | |
|--------------------|------|------|-----------|
| Rips Wood | | | |
| Crosscuts Wood | | | |
| Chip Board | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

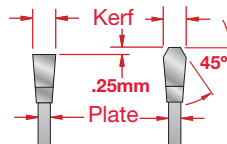
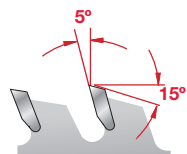
CARBIDE GRADE



WALL THICKNESS

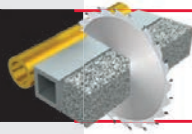


MATERIALS



| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|---------|-------------|
| 10" | .091 | .071 | 5/8" | 100 TCG | LU90M010 |
| 12" | .091 | .071 | 1" | 120 TCG | LU90M012 |

ALUMINUM BLADES



Thick Stock Aluminum Metal Blades

USE IN



APPLICATION

This heavy-duty, aluminum metal cutting blade produces an excellent finish. Freud recommends use of a liquid lubricant when cutting. Wax sticks are not recommended.



Anti-Vibration Design for unmatched accuracy in saw plate flatness and rigidity to eliminate movement and reduce vibration.



FREUD-MADE TiCo™ CARBIDE is durable and chemical-resistant for long life and razor-sharp cuts

WALL THICKNESS



MATERIALS



Aluminum

Copper

Brass

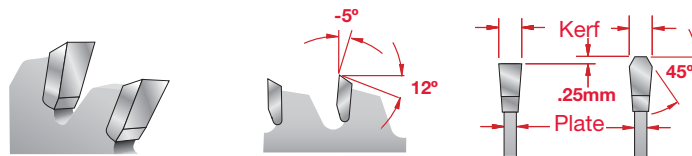


Features TiCo™ Hi-Density Carbide Aluminum Blend For Maximum Performance

RECOMMENDED USE

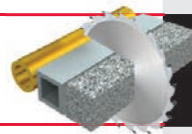
| | | | |
|--------------------|------|------|-----------|
| Rips Wood | | | |
| Crosscuts Wood | | | |
| Chip Board | | | |
| Plywood | | | |
| Laminate | | | |
| Non-ferrous | | | |
| CUT QUALITY | FAIR | GOOD | EXCELLENT |

CARBIDE GRADE



| DIA. | KERF | PLATE | ARBOR | TEETH | SILVER ICE™ |
|------|------|-------|-------|---------|-------------|
| 8" | .091 | .071 | 5/8" | 48 TCG | LU89M008 |
| 10" | .11 | .087 | 5/8" | 60 TCG | LU89M010 |
| 12" | .11 | .087 | 1" | 72 TCG | LU89M012 |
| 14" | .142 | .118 | 1" | 100 TCG | LU89M014 |
| 15" | .142 | .118 | 1" | 108 TCG | LU89M015 |
| 16" | .142 | .118 | 1" | 114 TCG | LU89M016 |

Medium to Thick Aluminum & Non-Ferrous Blades with Mechanical Clamping



ALUMINUM BLADES

SAW BLADES



Features TiCo™
Hi-Density Carbide

USE IN



Table Saws



Miter Saws



Vertical
Panel Saws



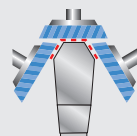
Double Miter
Table Saws



Sliding Compound
Miter Saws

APPLICATION

To cut solid drawn products



**TRIPLE CHIP
GRIND (TCG)
TOOTH DESIGN**
with a positive
hook angle for long
life in production
applications



**FREUD-MADE
TICO™ CARBIDE**
is durable and
chemical-resistant
for long life and
razor-sharp cuts

DEPTH OF CUT



MATERIALS



Aluminum



Copper



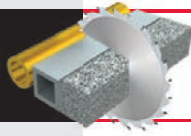
Brass



Plastic
(Up to 1" Thick)

| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | SILVER ICE™ |
|--------------|--------------|---------------|---------------|---------------|-----------------|----------------------|-------------|
| 200 | 2.8 | 2 | 30 | 10° | 54 TCG | - | LU5A01 |
| 250 | 3.5 | 3 | 30 | 10° | 60 TCG | 2/9/46.4+ 2/10/60 | LU5A02 |
| 250 | 3.5 | 3 | 32 | 10° | 60 TCG | 2/11/63 | LU5A03 |
| 275 | 3.5 | 3 | 40 | 10° | 68 TCG | 2/9/55+ 4/12/64 | LU5A04 |
| 300 | 3.5 | 3 | 30 | 10° | 72 TCG | 2/9/46.4+ 2/10/60 | LU5A05 |
| 300 | 3.5 | 3 | 32 | 10° | 72 TCG | 2/11/63 | LU5A06 |
| 330 | 3.5 | 3 | 30 | 10° | 84 TCG | 2/9/46.4+ 2/10/60 | LU5A08 |
| 330 | 3.5 | 3 | 32 | 10° | 84 TCG | 2/11/63 | LU5A09 |
| 350 | 3.5 | 3 | 30 | 10° | 84 TCG | 2/9/46.4+ 2/10/60 | LU5A10 |
| 350 | 3.5 | 3 | 32 | 10° | 84 TCG | 2/11/63 | LU5A11 |
| 350 | 3.5 | 3 | 40 | 10° | 84 TCG | 2/9/55+ 4/12/64 | LU5A12 |
| 370 | 3.5 | 3 | 30 | 10° | 90 TCG | - | LU5A13 |
| 370 | 3.5 | 3 | 50 | 10° | 90 TCG | 4/15/80 | LU5A14 |
| 400 | 3.5 | 3 | 30 | 10° | 96 TCG | 2/11/63 | LU5A16 |
| 400 | 3.5 | 3 | 32 | 10° | 96 TCG | 2/11/63 | LU5A17 |
| 400 | 3.5 | 3 | 40 | 10° | 96 TCG | 2/12/64+ 2/15/80 | LU5A18 |
| 400 | 3.5 | 3 | 50 | 10° | 96 TCG | 4/15/80 | LU5A19 |
| 420 | 3.5 | 3 | 30 | 10° | 96 TCG | 2/11/70 | LU5A20 |
| 450 | 4 | 3.2 | 30 | 10° | 108 TCG | 2/11/63 | LU5A21 |
| 450 | 4 | 3.2 | 32 | 10° | 108 TCG | 2/11/64 | LU5A22 |
| 450 | 4 | 3.2 | 40 | 10° | 108 TCG | 2/12/64+ 2/15/80 | LU5A23 |
| 450 | 4 | 3.2 | 50 | 10° | 108 TCG | 4/15/80 | LU5A24 |
| 500 | 4 | 3.2 | 30 | 10° | 120 TCG | 2/10.5/70 | LU5A25 |
| 500 | 4 | 3.2 | 32 | 10° | 120 TCG | 2/11/63 | LU5A26 |
| 500 | 4 | 3.2 | 50 | 10° | 120 TCG | 4/15/80 | LU5A27 |
| 530 | 4.2 | 3.5 | 30 | 10° | 126 TCG | 1/10.5/70 | LU5A28 |
| 550 | 4.2 | 3.5 | 30 | 10° | 132 TCG | 1/10.5/70 | LU5A29 |

ALUMINUM BLADES



Thin to Medium Aluminum & Non-Ferrous Blades with Mechanical Clamping

USE IN



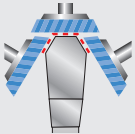
Table Saws

Miter Saws

Vertical
Panel SawsDouble Miter
Table SawsSliding Compound
Miter Saws

APPLICATION

To cut solid drawn products.



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN with a positive hook angle for long life in production applications



FREUD-MADE TICO™ CARBIDE is durable and chemical-resistant for long life and razor-sharp cuts

DEPTH OF CUT



MATERIALS



Aluminum

Copper

Brass

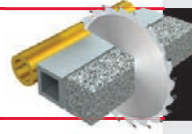
Plastic
(Up to 1" Thick)

LU5B SERIES

Features TiCo™
Hi-Density Carbide

| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | SILVER ICE™ |
|--------------|--------------|---------------|---------------|---------------|-----------------|----------------------|-------------|
| 200 | 2.8 | 2.2 | 30 | 5° | 64 TCG | – | LU5B01 |
| 250 | 3.5 | 3 | 30 | 5° | 80 TCG | 2/9/46.4+ 2/10/60 | LU5B02 |
| 250 | 3.5 | 3 | 32 | 5° | 80 TCG | 2/11/63 | LU5B03 |
| 275 | 3.5 | 3 | 40 | 5° | 84 TCG | 2/9/55+ 4/12/64 | LU5B04 |
| 300 | 3.5 | 3 | 30 | 5° | 88 TCG | 2/9/46.4+ 2/10/60 | LU5B05 |
| 300 | 3.5 | 3 | 32 | 5° | 88 TCG | 2/11/63 | LU5B06 |
| 300 | 3.5 | 3 | 40 | 5° | 88 TCG | 2/9/55+ 4/12/64 | LU5B07 |
| 300 | 3.5 | 3 | 32 | 5° | 96 TCG | 2/11/63 | LU5B09 |
| 300 | 3.5 | 3 | 40 | 5° | 96 TCG | 2/9/55+ 4/12/64 | LU5B10 |
| 330 | 3.5 | 3 | 30 | 5° | 104 TCG | 2/9/46.4+ 2/10/60 | LU5B11 |
| 330 | 3.5 | 3 | 30 | 5° | 104 TCG | 2/11/63 | LU5B12 |
| 350 | 3.5 | 3 | 30 | 5° | 96 TCG | 9/46.4+ 2/10/60 | LU5B13 |
| 350 | 3.5 | 3 | 32 | 5° | 96 TCG | 2/11/63 | LU5B14 |
| 350 | 3.5 | 3 | 40 | 5° | 96 TCG | 2/9/55+ 4/12/64 | LU5B15 |
| 350 | 3.5 | 3 | 30 | 5° | 108 TCG | 2/9/46.4+ 2/10/60 | LU5B16 |
| 350 | 3.5 | 3 | 32 | 5° | 108 TCG | 2/11/63 | LU5B17 |
| 350 | 3.5 | 3 | 40 | 5° | 108 TCG | 2/9/55+ 4/12/64 | LU5B18 |
| 370 | 3.5 | 3 | 30 | 5° | 112 TCG | – | LU5B19 |
| 370 | 3.5 | 3 | 50 | 5° | 112 TCG | 4/15/80 | LU5B20 |

Thin to Medium Aluminum & Non-Ferrous Blades with Mechanical Clamping



ALUMINUM BLADES

SAW BLADES

CONTINUED

| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | SILVER ICE™ |
|--------------|--------------|---------------|---------------|---------------|-----------------|---------------------|-------------|
| 380 | 3.5 | 3 | 32 | 5° | 112 TCG | 2/11/63 | LU5B21 |
| 400 | 3.5 | 3 | 30 | 5° | 120 TCG | 2/11/63 | LU5B22 |
| 400 | 3.5 | 3 | 32 | 5° | 120 TCG | 2/11/63 | LU5B23 |
| 400 | 3.5 | 3 | 40 | 5° | 120 TCG | 2/12/64+ 2/15/80 | LU5B24 |
| 400 | 3.5 | 3 | 50 | 5° | 128 TCG | 4/15/80 | LU5B25 |
| 420 | 3.5 | 3 | 30 | 5° | 128 TCG | 2/11/70 | LU5B26 |
| 450 | 4 | 3.2 | 30 | 5° | 128 TCG | - | LU5B27 |
| 450 | 4 | 3.2 | 32 | 5° | 128 TCG | 2/11/63 | LU5B28 |
| 500 | 4 | 3.2 | 30 | 5° | 140 TCG | 2/10.5/70 | LU5B3100 |
| 500 | 4 | 3.2 | 32 | 5° | 140 TCG | 2/11/63 | LU5B32 |
| 550 | 4.2 | 3.5 | 30 | 5° | 148 TCG | 2/11/63 | LU5B3500 |
| 550 | 4.2 | 3.5 | 1" | 5° | 148 TCG | 2/11/63 | LU5B3501 |
| 22" | 4.2 | 3.5 | 1" | 5° | 96 TCG | - | LU5B3571 |
| 22" | 4.2 | 3.5 | 1" | 5° | 120 TCG | - | LU5B3572 |
| 600 | 4.8 | 3.8 | 30 | 5° | 156 TCG | - | LU5B3600 |
| 600 | 4.8 | 3.8 | 30 | 5° | 108 TCG | - | LU5B3601 |
| 24 | 4.8 | 3.8 | 1" | 5° | 96 TCG | - | LU5B3671 |
| 24 | 4.8 | 3.8 | 1" | 5° | 120 TCG | - | LU5B3672 |
| 550 | 4.2 | 3.5 | 32 | 5° | 32 TCG | 2/11/63 | LU5B38 |

USE IN



Table Saws



Miter Saws



Vertical
Panel Saws



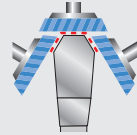
Double Miter
Table Saws



Sliding Compound
Miter Saws

APPLICATION

To cut solid drawn products



**TRIPLE CHIP
GRIND (TCG)
TOOTH DESIGN**
with a positive
hook angle for long
life in production
applications



**FREUD-MADE
TICO™ CARBIDE**
is durable and
chemical-resistant
for long life and
razor-sharp cuts

DEPTH OF CUT



MATERIALS



Aluminum



Copper

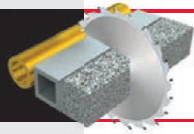


Brass



Plastic
(Up to 1" Thick)

ALUMINUM BLADES



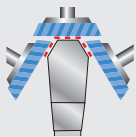
Medium to Thick Aluminum & Non-Ferrous Blades With or Without Mechanical Clamping

USE IN



APPLICATION

To cut solid drawn products



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN with a positive hook angle for long life in production applications



FREUD-MADE TICO™ CARBIDE is durable and chemical-resistant for long life and razor-sharp cuts

DEPTH OF CUT



MATERIALS



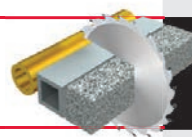
Features TiCo™ Hi-Density Carbide

LU5C SERIES



| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/GRIND | PIN HOLES | SILVER ICE™ |
|-----------|-----------|------------|------------|------------|-------------|----------------------|-------------|
| 180 | 2.8 | 2.2 | 20 | -6° | 42 TCG | - | LU5C01 |
| 180 | 2.8 | 2.2 | 30 | -6° | 42 TCG | - | LU5C02 |
| 200 | 2.8 | 2.2 | 30 | -6° | 48 TCG | - | LU5C03 |
| 250 | 3.5 | 3 | 30 | -6° | 54 TCG | - | LU5C04 |
| 275 | 3.5 | 3 | 40 | -6° | 60 TCG | - | LU5C06 |
| 300 | 3.5 | 3 | 30 | -6° | 72 TCG | 2/9/46.4+ 2/10/60 | LU5C07 |
| 12" | 3.5 | 3 | 1" | -6° | 72 TCG | - | LU5C0770 |
| 12" | 3.5 | 3 | 5/8" | -6° | 72 TCG | - | LU5C0771 |
| 300 | 3.5 | 3 | 32 | -6° | 72 TCG | 2/11/63 | LU5C08 |
| 300 | 3.5 | 3 | 40 | -6° | 72 TCG | 2/9/55+ 4/12/64 | LU5C09 |
| 330 | 3.5 | 3 | 30 | -6° | 80 TCG | - | LU5C10 |
| 330 | 3.5 | 3 | 32 | -6° | 80 TCG | 2/11/63 | LU5C11 |
| 350 | 3.5 | 3 | 30 | -6° | 84 TCG | 2/9/46.4+ 2/10/60 | LU5C12 |
| 14" | 3.5 | 3 | 30 | -6° | 84 TCG | - | LU5C1270 |
| 350 | 3.5 | 3 | 32 | -6° | 84 TCG | 2/11/63 | LU5C13 |
| 350 | 3.5 | 3 | 40 | -6° | 84 TCG | 2/9/55+ 4/12/64 | LU5C14 |
| 370 | 3.5 | 3 | 30 | -6° | 90 TCG | - | LU5C15 |
| 370 | 3.5 | 3 | 50 | -6° | 90 TCG | 4/15/80 | LU5C16 |
| 380 | 3.5 | 3 | 32 | -6° | 96 TCG | 2/11/63 | LU5C17 |
| 15" | 3.5 | 3 | 1" | -6° | 96 TCG | - | LU5C1770 |
| 400 | 3.5 | 3 | 30 | -6° | 96 TCG | 2/11/70 | LU5C18 |
| 16" | 3.5 | 3 | 1" | -6° | 96 TCG | - | LU5C1870 |
| 400 | 3.5 | 3 | 32 | -6° | 96 TCG | 2/11/63 | LU5C19 |
| 400 | 3.5 | 3 | 40 | -6° | 96 TCG | 2/15/80+ 2/12/64 | LU5C20 |
| 400 | 3.5 | 3 | 50 | -6° | 96 TCG | 4/15/80 | LU5C21 |
| 420 | 4 | 3.2 | 30 | -6° | 96 TCG | 2/11/70 | LU5C22 |
| 420 | 4 | 3.2 | 40 | -6° | 96 TCG | - | LU5C23 |
| 450 | 4 | 3.2 | 30 | -6° | 108 TCG | - | LU5C24 |
| 450 | 4.5 | 3.2 | 1" | -6° | 108 TCG | - | LU5C2401 |
| 18" | 4.5 | 3.2 | 1" | -6° | 108 TCG | - | LU5C2470 |
| 450 | 4 | 3.2 | 32 | -6° | 108 TCG | 2/11/63 | LU5C25 |
| 450 | 4 | 3.2 | 40 | -6° | 108 TCG | 2/15/80+ 2/12/64 | LU5C26 |
| 450 | 4 | 3.2 | 50 | -6° | 108 TCG | 4/15/80 | LU5C27 |
| 500 | 4 | 3.2 | 30 | -6° | 120 TCG | - | LU5C28 |
| 20" | 44 | 3.2 | 1" | -6° | 120 TCG | - | LU5C2870 |
| 500 | 4 | 3.2 | 32 | -6° | 120 TCG | 2/11/63 | LU5C29 |

Medium Aluminum & Non-Ferrous Blades With or Without Mechanical Clamping



ALUMINUM BLADES

SAW BLADES



LU5D SERIES



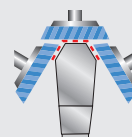
Features TiCo™
Hi-Density Carbide

USE IN



APPLICATION

To cut solid drawn products



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN
with a positive hook angle for long life in production applications



FREUD-MADE TICO™ CARBIDE
is durable and chemical-resistant for long life and razor-sharp cuts

DEPTH OF CUT

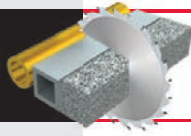


MATERIALS



| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | SILVER ICE™ |
|--------------|--------------|---------------|---------------|---------------|-----------------|----------------------|-------------|
| 160 | 2.8 | 2.2 | 20 | -6° | 42 TCG | - | LU5D01 |
| 190 | 2.8 | 2.2 | 30 | -6° | 54 TCG | - | LU5D02 |
| 200 | 2.8 | 2.2 | 30 | -6° | 60 TCG | - | LU5D03 |
| 210 | 2.8 | 2.2 | 30 | -6° | 60 TCG | - | LU5D04 |
| 216 | 2.8 | 2.2 | 30 | -6° | 60 TCG | - | LU5D05 |
| 220 | 3 | 2.5 | 30 | -6° | 64 TCG | 9/46.4+ 2/10/60 | LU5D06 |
| 230 | 3 | 2.5 | 30 | -6° | 64 TCG | - | LU5D07 |
| 250 | 3.5 | 3 | 30 | -6° | 80 TCG | 9/46.4+ 2/10/60 | LU5D08 |
| 10" | 3.5 | 3 | 5/8" | -6° | 80 TCG | - | LU5D0870 |
| 250 | 3.5 | 3 | 32 | -6° | 80 TCG | 2/11/63 | LU5D09 |
| 250 | 3.5 | 3 | 40 | -6° | 80 TCG | 2/9/55+ 4/12/64 | LU5D10 |
| 275 | 3.5 | 3 | 40 | -6° | 84 TCG | 2/9/55+ 4/12/64 | LU5D11 |
| 300 | 3.5 | 3 | 30 | -6° | 96 TCG | 2/9/46.4+ 2/10/60 | LU5D12 |
| 12" | 3.5 | 3 | 1" | -6° | 96 TCG | - | LU5D1270 |
| 12" | 3.5 | 3 | 5/8" | -6° | 96 TCG | - | LU5D1271 |
| 300 | 3.5 | 3 | 32 | -6° | 96 TCG | 2/11/63 | LU5D13 |
| 300 | 3.5 | 3 | 40 | -6° | 96 TCG | 2/9/55+ 4/12/64 | LU5D14 |
| 330 | 3.5 | 3 | 30 | -6° | 104 TCG | 2/9/46.4+ 2/10/60 | LU5D15 |
| 330 | 3.5 | 3 | 32 | -6° | 104 TCG | 2/11/63 | LU5D16 |
| 350 | 3.5 | 3 | 30 | -6° | 108 TCG | 2/9/46.4+ 2/10/60 | LU5D17 |
| 14" | 3.5 | 3 | 1" | -6° | 108 TCG | - | LU5D1770 |
| 14" | 3.5 | 3 | 5/8" | -6° | 108 TCG | PISTORIUS | LU5D1771 |
| 350 | 3.5 | 3 | 32 | -6° | 108 TCG | 2/11/63 | LU5D18 |
| 350 | 3.5 | 3 | 40 | -6° | 108 TCG | 2/9/55+ 4/12/64 | LU5D19 |
| 370 | 3.5 | 3 | 30 | -6° | 108 TCG | - | LU5D20 |

ALUMINUM BLADES



Medium Aluminum & Non-Ferrous Blades With or Without Mechanical Clamping

USE IN



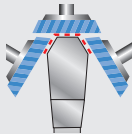
Table Saws

Miter Saws

Vertical
Panel SawsDouble Miter
Table SawsSliding Compound
Miter Saws

APPLICATION

To cut solid drawn products



**TRIPLE CHIP
GRIND (TCG)
TOOTH DESIGN**
with a positive
hook angle for long
life in production
applications



**FREUD-MADE
TICO™ CARBIDE**
is durable and
chemical-resistant
for long life and
razor-sharp cuts

DEPTH OF CUT



MATERIALS



Aluminum



Copper



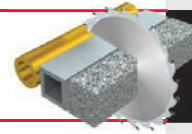
Brass

Plastic
(Up to 1" Thick)

CONTINUED

| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | SILVER ICE™ |
|--------------|--------------|---------------|---------------|---------------|-----------------|---------------------|-------------|
| 380 | 3.5 | 3 | 32 | -6° | 108 TCG | 2/11/63 | LU5D22 |
| 400 | 3.5 | 3 | 30 | -6° | 120 TCG | - | LU5D23 |
| 16' | 3.5 | 3 | 1" | -6° | 120 TCG | - | LU5D2370 |
| 400 | 3.5 | 3 | 32 | -6° | 120 TCG | 2/11/63 | LU5D24 |
| 400 | 3.5 | 3 | 40 | -6° | 120 TCG | 2/15/80+ 2/12/64 | LU5D25 |
| 400 | 3.5 | 3 | 50 | -6° | 120 TCG | 4/15/80 | LU5D26 |
| 420 | 4 | 3.2 | 30 | -6° | 120 TCG | 2/11/70 | LU5D27 |
| 420 | 4 | 3.2 | 40 | -6° | 120 TCG | - | LU5D28 |
| 450 | 4 | 3.2 | 30 | -6° | 128 TCG | - | LU5D29 |
| 18" | 4 | 3.2 | 1" | -6° | 128 TCG | - | LU5D2970 |
| 500 | 4 | 3.2 | 32 | -6° | 140 TCG | 2/11/63 | LU5D34 |
| 20" | 4 | 3.2 | 1" | -6° | 140 TCG | - | LU5D3470 |

Ultra-Thin Aluminum & Non-Ferrous Blades With Mechanical Clamping



ALUMINUM BLADES

SAW BLADES



LU5E SERIES



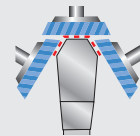
Features TiCo™
Hi-Density Carbide

USE IN



APPLICATION

To cut solid drawn products



TRIPLE CHIP GRIND (TCG) TOOTH DESIGN with a positive hook angle for long life in production applications



FREUD-MADE TICo™ CARBIDE is durable and chemical-resistant for long life and razor-sharp cuts

DEPTH OF CUT



MATERIALS



| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | SILVER ICE™ |
|--------------|--------------|---------------|---------------|---------------|-----------------|---------------------------------|-------------|
| 250 | 2.8 | 2.2 | 2X | 5° | 100 TCG | 2/7/42+ 2/9/46.4+ 2/10/60 | LU5E01 |
| 250 | 2.8 | 2.2 | 2X | 5° | 100 TCG | 2/11/63 | LU5E02 |
| 255 | 2.8 | 2.2 | 2X | 5° | 100 TCG | - | LU5E03 |
| 10" | 2.8 | 2.2 | 2X | 5° | 100 TCG | - | LU5E0370 |
| 255 | 2.8 | 2.2 | 2X | 5° | 120 TCG | - | LU5E04 |
| 300 | 3 | 2.5 | 30 | 5° | 100 TCG | 2/9/46.4+ 2/10/60 | LU5E05 |
| 305 | 3 | 2.5 | 1" | 5° | 120 TCG | - | LU5E06 |
| 300 | 3 | 2.5 | 30 | 5° | 120 TCG | 2/9/46.4+ 2/10/60 | LU5E07 |
| 12" | 3 | 2.2 | 1" | 5° | 120 TCG | - | LU5E0770 |
| 12" | 3 | 2.2 | 5/8" | 5° | 120 TCG | - PISTORIUS | LU5E0771 |
| 300 | 3 | 2.5 | 32 | 5° | 120 TCG | 2/11/63 | LU5E08 |
| 350 | 3 | 2.5 | 30 | 5° | 100 TCG | 2/9/46.4+ 2/10/60 | LU5E09 |
| 350 | 3 | 2.5 | 32 | 5° | 100 TCG | 2/11/63 | LU5E10 |
| 350 | 3 | 2.5 | 30 | 5° | 120 TCG | 2/9/46.4+ 2/10/60 | LU5E11 |
| 14" | 3 | 2.5 | 1" | 5° | 120 TCG | - | LU5E1170 |
| 14" | 3 | 2.5 | 5/8" | 5° | 120 TCG | PISTORIUS | LU5E1171 |
| 350 | 3 | 2.5 | 32 | 5° | 120 TCG | 2/11/63 | LU5E12 |

RIPPING BLADES

Industrial Ripping Blades

USE IN



Gang Rip

APPLICATION

For gang ripping

FEATURES

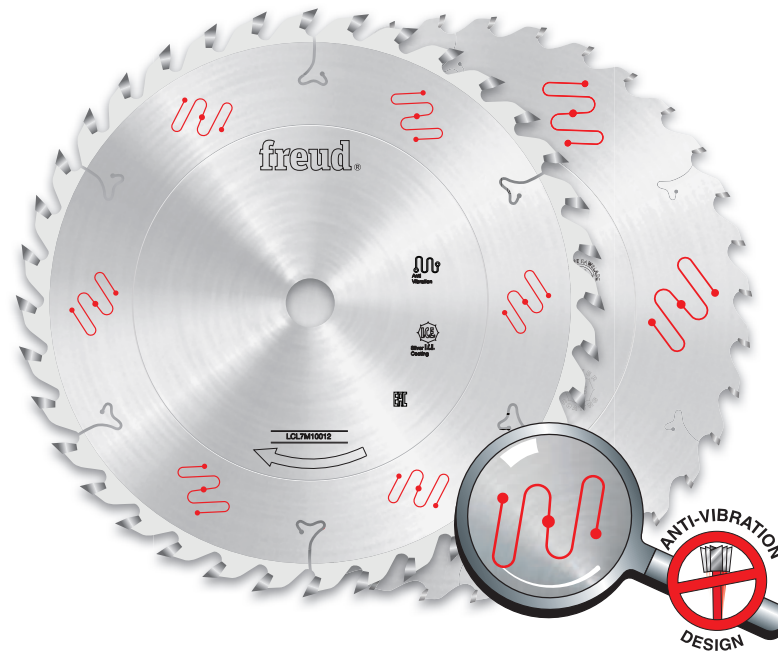
TCG Grind for smooth glue line ready edge and a positive hook angle for fast cutting

MATERIALS



Hardwood

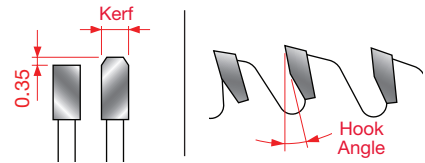
Softwood



Features TiCo™
Hi-Density Carbide



TCG Grind



| DIA. (mm) | KERF (mm) | PLATE (mm) | ARBOR (mm) | HOOK ANGLE | TEETH/ GRIND | PIN HOLES | ITEM NUMBER |
|--------------|------------------|---------------|---------------|---------------|-----------------|--------------------------------------|----------------|
| 300 | 3.4 (0.134") | 2.2 | 80 | 20° | 36/TCG | 2/13/100+4/6.6/95+ DKW 18.5x4.0 | LCL7M10038 |
| 300 | 4.2 (0.165") | 3 | 80 | 18° | 36/TCG | 2/13/100+4/6.6/95+ DKW 18.5x4.0 | LCL7M10072 |
| 300 | 2.8 (0.110") | 2 | 80 | 18° | 36/TCG | 2/13/100+4/6.6/95+ DKW 18.5x4.0 | LCL7M10073 |
| 300 | 4.2 (0.165") | 3 | 80 | 18° | 48/TCG | 2/13/100+4/6.6/95+ DKW 18.5x4.0 | LCL7M10074 |
| 300 | 2.8 (0.110") | 2 | 80 | 18° | 48/TCG | 2/13/100+4/6.6/95+ DKW 18.5x4.0 | LCL7M10075 |
| 305 (12") | 3.2 (0.126") | 2.2 | 1' | 20° | 36/TCG | - | LCL7M10004 |
| 305 (12") | 3.2 (0.126") | 2.2 | 3-1/8" | 20° | 36/TCG | DKW 6.75x3.573, DKW 13x7 | LCL7M10005 |
| 305 (12") | 4.06 (0.160") | 2.8 | 3-1/8" | 20° | 36/TCG | DKW 6.75x3.573, DKW 13x8 | LCL7M10007 |
| 305 (12") | 4.06 (0.160") | 2.8 | 70 | 20° | 36/TCG | DKW 21x5 | LCL7M10008 |
| 305 (12") | 4.06 (0.160") | 2.8 | 1" | 20° | 36/TCG | - | LCL7M10012 |
| 355 (14") | 4.3 (0.169") | 3 | 2" | 20° | 36/TCG | 1-9/16"/5 | LCL7M10009 |
| 355 (14") | 4.3 (0.169") | 3 | 3-1/8" | 20° | 36/TCG | DKW 6.75x3.573, DKW 13x7 | LCL7M10010 |
| 355 (14") | 4.3 (0.169") | 3 | 70 | 20° | 36/TCG | DKW 21x5 | LCL7M10011 |
| 355 (14") | 4.3 (0.169") | 3 | 1" | 20° | 36/TCG | 2/13/100+4/6.6/94.6 ch 2 18.5x4.0 | LCL7M10013 |