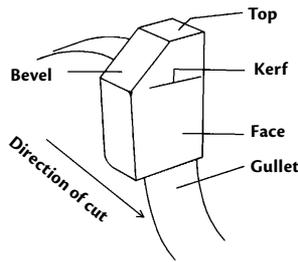




WHAT YOU SHOULD KNOW ABOUT CIRCULAR SAW BLADES

Tooth design is the determining factor in deciding which blade is best for which industrial application. Here's a quick overview of how subtle changes in bevel, gullet and kerf affect cutting performance.

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BEVEL

Teeth can have a single bevel, two bevels or no bevel at all. Types of bevels can alternate from tooth to tooth on a given blade. The bevel is what gives the blade its specific cutting pattern.

GULLET

This is the space between teeth that clears the work piece of chips after the cut. The deeper the gullet, the more efficiently chips are cleared.

KERF

This is the face of the tooth, where the actual cutting takes place. The pattern of alternating kerfs, known as the grind, decides what applications a blade is best for.

GRIND

There are many types of grinds, but the five basic ones are:

Flat top grind (FTG) - best for ripping.



Alternate top bevel (ATB) - for crosscutting, cut-off and trimming.



Triple chip grind (TCG) - perfect for hard, abrasive materials like non-ferrous metals, hardwoods and plastics.



Multi-purpose carbide tipped (MCT) or ripping and crosscutting, mitre.



Tri-grind (TRI) - combination grind.



INDUSTRIAL BLADES

TCS

Feature Freud's newest and most resilient PermaShield® coating. This blade now combines Freud's highest quality blade with its highest quality coating. The TCS coating helps reduce blade distorting heat and makes cutting a breeze.

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GENERAL PURPOSE

- Crosscut and cutoff of hard and soft woods

| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Degrees | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|---------|------------|-------------|
| TT815 | LU84R008 | 8 | 5/8 | 40 | 0.126 | 10 | MCT | |
| TT817 | LU84R010 | 10 | 5/8 | 50 | 0.126 | 10 | MCT | |
| TT818 | LU84R012 | 12 | 1 | 60 | 0.126 | 10 | MCT | |

SLIDING COMPOUND MITER BLADES

- Easy fast cutting

| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Degrees | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|---------|------------|-------------|
| TT833 | LU91R008 | 8 | 5/8 | 48 | 0.090 | -5 | ATB | |
| TT834 | LU91R010 | 10 | 5/8 | 60 | 0.090 | -5 | TCG | |

RIPPING

- Rips hard and soft woods

| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Degrees | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|---------|------------|-------------|
| TT809 | LM72R008 | 8 | 5/8 | 24 | 0.126 | 20 | FTG | |
| TT810 | LM72R010 | 10 | 5/8 | 24 | 0.126 | 20 | FTG | |
| TT811 | LM72R012 | 12 | 1 | 30 | 0.169 | 20 | FTG | |

CROSSCUT & FINISHING

- Ultra smooth crosscut and mitres

| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Degrees | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|---------|------------|-------------|
| TT821 | LU85R008 | 8 | 5/8 | 64 | 0.116 | 10 | ATB | |
| TT823 | LU85R010 | 10 | 5/8 | 80 | 0.116 | 10 | ATB | |
| TT824 | LU85R012 | 12 | 1 | 96 | 0.116 | 10 | ATB | |

LAMINATE & CHIPBOARD

- Cuts dense abrasive man-made materials

| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Degrees | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|---------|------------|-------------|
| TT836 | LU98R008 | 8 | 5/8 | 64 | 0.126 | -10 | TCG | |
| TT838 | LU98R010 | 10 | 5/8 | 80 | 0.126 | -10 | TCG | |
| TT839 | LU98R012 | 12 | 1 | 96 | 0.126 | -10 | TCG | |

PREMIER FUSION GENERAL PURPOSE SAW BLADES

- Rips woods, crosscuts wood, plywood, laminate



| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|------------|-------------|
| TB0352 | P408 | 8 | 5/8 | 34 Hi | 0.126 | ATB | |
| TB0353 | P410 | 10 | 5/8 | 40 Hi | 0.126 | ATB | |
| TB0354 | P412 | 12 | 1 | 48 Hi | 0.126 | ATB | |

HEAVY-DUTY GLUE LINE RIPPING BLADES

- Rips wood, crosscuts wood, chip board, plywood, laminate



| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|------------|-------------|
| TB0357 | LM74R010 | 10 | 5/8 | 30 | 0.118 | TCG | |
| TB0358 | LM74R012 | 12 | 1 | 40 | 0.118 | TCG | |
| TB0359 | LM74R014 | 14 | 1 | 44 | 0.138 | TCG | |

MITRE CROSSCUT

- Crosscut and mitre of hard and soft woods



| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Degrees | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|---------|------------|-------------|
| TT686 | LU73M014 | 14 | 1 | 84 | 0.138 | 10 | ATB | |

GENERAL PURPOSE SAW BLADES

- For crosscutting thick hardwoods and softwoods (3/4" to 3 1/2") and thinner stock material (1/4" to 1")
- Anti-vibration design, Silver Ice™ coating



| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Degrees | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|---------|------------|-------------|
| TT639 | LU72M014 | 14 | 1 | 54 | 0.138 | 13 | ATB | |

DOUBLE SIDED LAMINATE/MELAMINE

- Rips wood, crosscuts wood, chip board, plywood, melamine, laminate



| Model No. | Mfg. No. | Blade Dia. " | Arbor " | No. of Teeth | Kerf " | Hook Grind | Price /Each |
|-----------|----------|--------------|---------|--------------|--------|------------|-------------|
| TB0360 | LM97R008 | 8 | 5/8 | 64 | 0.126 | TCG | |
| TB0361 | LM97R010 | 10 | 5/8 | 80 | 0.126 | TCG | |
| TB0362 | LM97R012 | 12 | 1 | 96 | 0.126 | TCG | |
| TB0363 | LM97R014 | 14 | 1 | 108 | 0.138 | TCG | |