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JIG SAW BLADES

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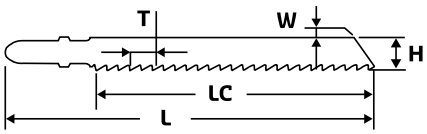
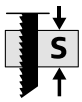
Dimensions

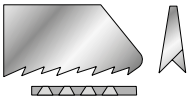
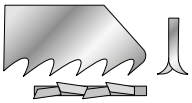
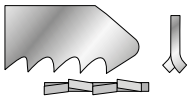
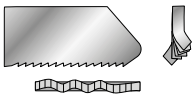




Note:
The tooth spacing "T" is the distance in mm from the point of one tooth to the next. Sometimes the tooth spacing is given in inches. E.g. 14 teeth/inch correspond to a 1.8 mm pitch.

L	Total length
LC	Tooth length
H	Blade height
T	Tooth spacing
W	Blade thickness
S	Maximum material thickness

Specific cutting techniques for optimal cuts

A		crossground, tapered	Very Clean Cut	The wood grain is cut by the slanted angle of the tooth. This kind of ground edges don't come in contact with the saw kerf and therefore produce extra-clean cuts.
B		crossground, set	High Speed Cut	The angular-sloped tooth cuts the wood grain. This kind of ground teeth give the blade an extra high cutting-speed
C		milled, set	Rough Cut	The wood grain is ripped and the saw set moves upwards and downwards in the saw kerf producing a rough cut
D		milled, wavy set	Fine,precise	The cut takes place on the entire surface of the tooth. The only difference is in the tooth formation

What about speed and performance?

- The motor power (wattage) of the machine
- The effort output when sawing
- The quality and accuracy of blade selection
- The accurate selection of pendulum cut.
- When using a high pendulum cut, cracks may appear on the cutting edge.

How to use a jig saw blade?

The jig saw works along the same principles as a sewing machine. The cutting speed of the upwards/downwards movements can be adjusted in degrees or can be regulated electronically. The cutting speed ranges from 200 to 3000 cut/minute.*

When using harder materials, for example metals, lower cutting speeds are used. With softer materials like woods, higher cutting speeds are more appropriate. The clamped sawing blade is designed to cut during the upward movement. This is aided by the so-called pendulum cut.

The pendulum cut ensures that the blade is pressed against the material with extra force during the upward movement. In this way, it is possible to saw faster, while using the same amount of energy.

During the upward movement the blade is automatically drawn slightly from the material. These movements together produce the pendulum motion (pendulum cut).

* Determined by machine and manufacturer.

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Jig saw blade selector

Select a material or performance and you will see which jig saw blade is most suitable.

Performance

	MSC10B	MSD10B	MSD11B	MSV10B	MSV11B
Straight cut	●			●	●
Curve cut		●	●		
Precise angle					
Very clean cut	●	●			●
Rough cut			●	●	
High-speed cut	●		●		
Stays cooler	●				
XL Extra-long blade				●	●

Material

	MSC10B	MSD10B	MSD11B	MSV10B	MSV11B
Wood / Plywood	●	●	●	●	
Soft wood	●	●	●	●	
MDF	●	●	●		
Wood with nails				●	
Multiplex	●		●		●
Laminated board	●	●	●		
Laminate	●				
Steel/Iron				●	
Sheet steel					●
Stainless Steel / Inox				●	
Steel profiles / tubes					●
Non ferrous				●	●
Cast iron					
Common plastics / PVC					●
Reinforced plastics					●

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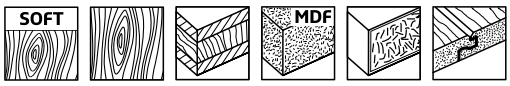
COOLCUT

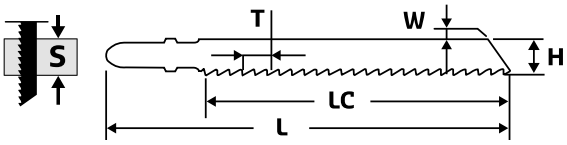
Perfect straight cuts with our unique top quality Coolcut jig saw blade. Made in Germany using patented laser technology. This saw blade features parallel cut and an open framework design that helps dissipate frictional heat. The forward pointing teeth are designed for extra splinter free cut. These unique shaped blades offer highly precise cuts while maintaining superior blade durability



SOFTWOOD, WOOD, PLYWOOD, MULTIPLEX, MDF, LAMINATED BOARD, LAMINATE.

FEATURES

- Unique saw blade design
- Open framework design to dissipate frictional heat
- Parallel shape for super straight cuts
- Superior durability
- Pointing teeth for extra splinter free cuts
- Made in Germany

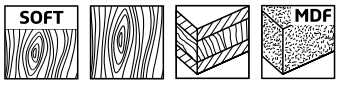


MSC10B 2x

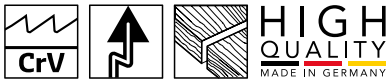
L	LC	H	W	T	S
100	75	8	1,45	2	3-60

DUOCUT

Our durable, hardened-steel double sided Duocut jig saw blades delivers extraordinary tight cuts with unmatched precision, speed and clean edges. This innovative blade will cut in all directions, with superior performance. The Duocut cuts (splinter-free) all kinds of wood and wood based products.

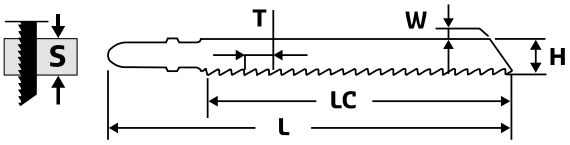


SOFTWOOD, CONSTRUCTION WOOD, PLYWOOD, MULTIPLEX, MDF.



FEATURES

- For extra clean curved cutting
- Chrome Vanadium hardened steel
- Milled backside teeth for extra clean curved cuts
- Fast and smooth splinter-free cuts
- Double-edged blade cuts both ways
- Made in Germany

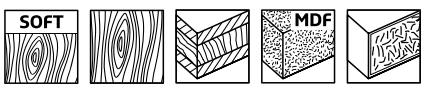


MSD10B 2x

L	LC	H	W	T	S
100	75	8	1,45	2,5	4-30

DUOCUT VARIA

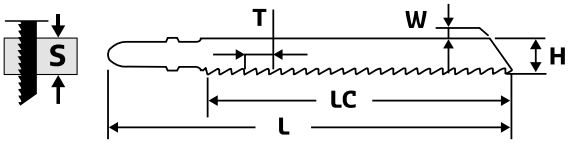
Our **variable pitch double sided** Duocut Varia jig saw blade delivers extraordinary tight cuts with unmatched precision, speed and clean edges. This innovative blade will cut in all directions, with superior performance. The Duocut cuts (splinter-free) all kinds of wood and wood based products



SOFTWOOD, CONSTRUCTION WOOD, PLYWOOD, MULTIPLEX, MDF, LAMINATED BOARD.

FEATURES

- Cut any curve of angle. No matter how tight
- Chrome Vanadium hardened steel
- Variable pitch laser-tech teeth
- Fast and smooth splinter-free cuts
- Double-edged blade cuts both ways
- Made in Germany



MSD11B 2x

L	LC	H	W	T	S
115	95	8	1,45	2,2-3,2	3-90

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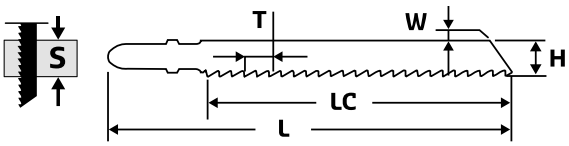
SHARPCUT VARIA

Professional Jig saw blades for universal applications in wood and metal materials. **Conically grounded blade with sharpened teeth**. For fast and clean cuts. Made in Germany, using patented laser technology, makes these universal blades exceptional strong and versatile.

BiM XL HIGH QUALITY MADE IN GERMANY

FEATURES

- Bi-metal saw blade
- For universal applications
- Exceptional strength, versatility and durability
- For wood with nails
- Universal shank
- Made in Germany



WOOD (-WITH NAILS), SOFT WOOD, CONSTRUCTION WOOD, STAINLESS STEEL, METAL/STEEL, NON-FERROUS.

MSV10B 2x

L	LC	H	W	T	S
132	110	8	1,27	1,8-2,5	3-100

SANDWICH WOOD, SHEET STEEL, NON-FERROUS, STEEL PIPE & PROFILES, REINFORCED PLASTICS, EPOXY

MSV11B 2x

L	LC	H	W	T	S
132	110	8	1,0	1,0-1,6	1,2-6

MULTI-PURPOSE-PACK (5PCS)

MSS10B

This 5 pieces Mandrex Multi-purpose Jig saw assortment includes 1 piece of MSC10B, MSD10B, MSD11B, MSV10B and MSV11B each. This Mandrex Multi-purpose pack can handle all materials and meets all your requirements: assembled with the best jig saw blades

HIGH QUALITY MADE IN GERMANY