



**4X**  
Optimus



**The New  
Generation  
of Saw Blades**



**ISHAD**  
Quality Saws

**4X Cutting Power**  
**Catalog US**

## OUR COMPANY

ISHAD manufactures high quality saw blades for exportation world-wide. Each product complies with the strictest quality control standards and employs the latest technology in order to achieve the longest lasting saw blade.

ISHAD is on the cutting edge of technology and innovation. Our Research and Development department work relentlessly, in cooperation with customers' feedback, to establish the latest advancements in technology and raw materials. We believe that change is necessary in order to adapt to new materials, faster speed rates, better cut quality and longer production runs between sharpening.

The dedication and hard work of the R&D department has changed our methods of production. Within our manufacturing process, we utilize the latest technology together with computer controlled equipment. Our results are high precision, long lasting, and the most cost efficient saw blades that are used around the world today. Our newest edition provides a working lifetime 4X longer than any other standard saw blade. This dedication to quality has earned ISHAD the right to use the name "Quality Saws" on its blades.

## OUR GUARANTEE

ISHAD assures that each and every tool is guaranteed against any defects due to either flawed materials or any inadequacies in the production process.

ISHAD is not liable to any damages incurred by either improper use or lack of acceptable maintenance.



## OUR SERVICE

ISHAD places its customers changing needs at the top of its agenda, since customers provide the basis on which ISHAD develops its new products and the source of the next challenge.

ISHAD considers all its customers, big and small, to be the main force which initiates all its departments to take any technical challenges and find the best and most efficient solutions that will meet the needs of the customers and save them money and time.

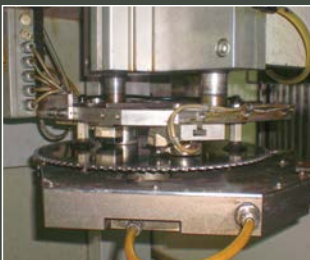
Good service is therefore the means by which ISHAD delivers its solutions to the customers. Through the years ISHAD had developed an extensive relationship with the customers, providing them with advice and guidance as to which tool and accessories are best suited to their individual needs.



## EFFICIENCY

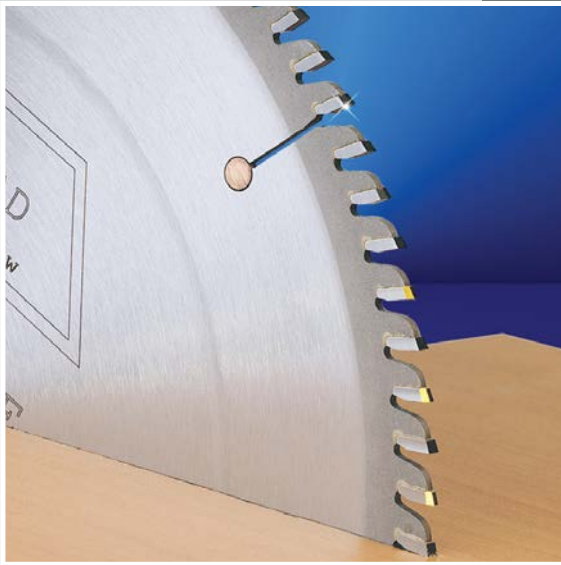
Efficiency of service is also crucial, since all customers need to solutions "here and now". Therefore, ISHAD aims at conducting its business at the highest speed and delivering the goods without any unnecessary delays. You, the customer, benefit from a comprehensive service including:

- Extensive, worldwide guidance and support.
- Consistent maintenance service for all our saw blades.
- Training of saw blade tensioning straightening.
- Call-off orders with the choice of stock holding.



# Saws for cutting wood, aluminum metal and plastics

ISHAD saw blades are manufactured with the best raw materials available today.



## THE SAW PLATE

**STEEL BODY:** The high quality steel plate is manufactured with special emphasis on even thickness and absolute accuracy in centering the middle bore.

**TENSION RING:** A tension ring adds to the working stability resisting further side force, thus ensuring excellent accuracy and performance.

## THE SAW BLADE

**BALANCING AND LEVELING:** Each saw is carefully balanced to avoid vibration ensuring side force is reduced, providing clean chip free cuts.



**NOISE REDUCTION:** The combination of the lazer cut expansion grooves and hairline lazer cuts further prevents vibration and reduces noise significantly.

## CARBIDE TEETH

**SUPER HIGH-DENSITY CARBIDE TEETH:**

Super high-density carbide teeth coupled with a new Nano-Grain unique bond will result in clean cuts for a longer time.

## OUR TECHNOLOGY

**INNOVATIVE PRECISION CARBIDE TEETH**

**GRINDING:** Our R&D team has developed special tooling to reach a ground breaking form of grinding of the carbide teeth. The unique new profile, cleans debris faster from the tip, delivering better chip-free cuts, time after time, for a longer working life.

## QUALITY CONTROL

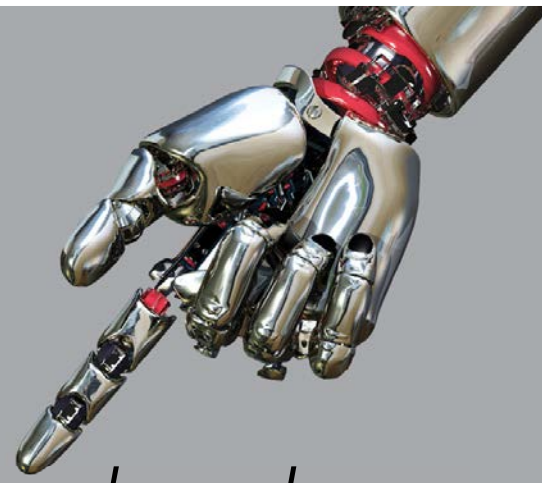
**ISHAD's Quality Control** is carried out using the most advanced machinery, sophisticated computerized equipment and flexible job lot management to attain the high standards required by customers around the world.



4X   
Optimus

*ISHAD introduces their latest inn*





*novation in saw blade technology.*

# The New Generation of Saw Blades

## 4X Cutting Power

The ground-breaking grinding technique of the carbide tipped saw blade is now available with the introduction of the 4X OPTIMUS.

The NEW saw blade has proved to have significant longer life, resulting in improved production and increased profitability. In tests conducted at a leading furniture manufacturer in Israel, the following results were achieved:

| PARAMETER/SAW    | STANDARD SAW<br>(hard teeth) | 4X OPTIMUS<br>(ISHAD) |
|------------------|------------------------------|-----------------------|
| SAW              | 300-96T-3.2 - 3.0            | 300-96T-3.2-3.0 TCG   |
| FEED RATIO       | Manual                       |                       |
| CUTTING MATERIAL | Melamine , coated Formica    |                       |
| WORK FORM        | without scoring              | without scoring       |
| CUTTING LIFE     | 1 day                        | <b>4 days</b>         |

| PARAMETER/SAW    | STANDARD SAW<br>(hard teeth)          | 4X OPTIMUS<br>(ISHAD) |
|------------------|---------------------------------------|-----------------------|
| SAW              | 300-96T-3.2 - 3.0TCG                  | 300-96T-3.2-3.0 TCG   |
| FEED RATIO       | Manual                                |                       |
| CUTTING MATERIAL | Melamine, coated Formica, various MDF |                       |
| WORK FORM        | with scoring                          | with scoring          |
| CUTTING LIFE     | 3 days                                | <b>9 days</b>         |

| PARAMETER/SAW    | STANDARD SAW<br>(hard teeth)      | 4X OPTIMUS<br>(ISHAD) |
|------------------|-----------------------------------|-----------------------|
| SAW              | 350-72T-4.4-60 TCG                | 350-72T-4.4-60 TCG    |
| MACHINE          | (Bridge Saw)                      |                       |
| FEED RATIO       | Automatic                         |                       |
| CUTTING MATERIAL | Melamine, Formica, MDF, Hardboard |                       |
| WORK FORM        | with scoring                      | with scoring          |
| CUTTING LIFE     | 2 days                            | <b>4 days</b>         |

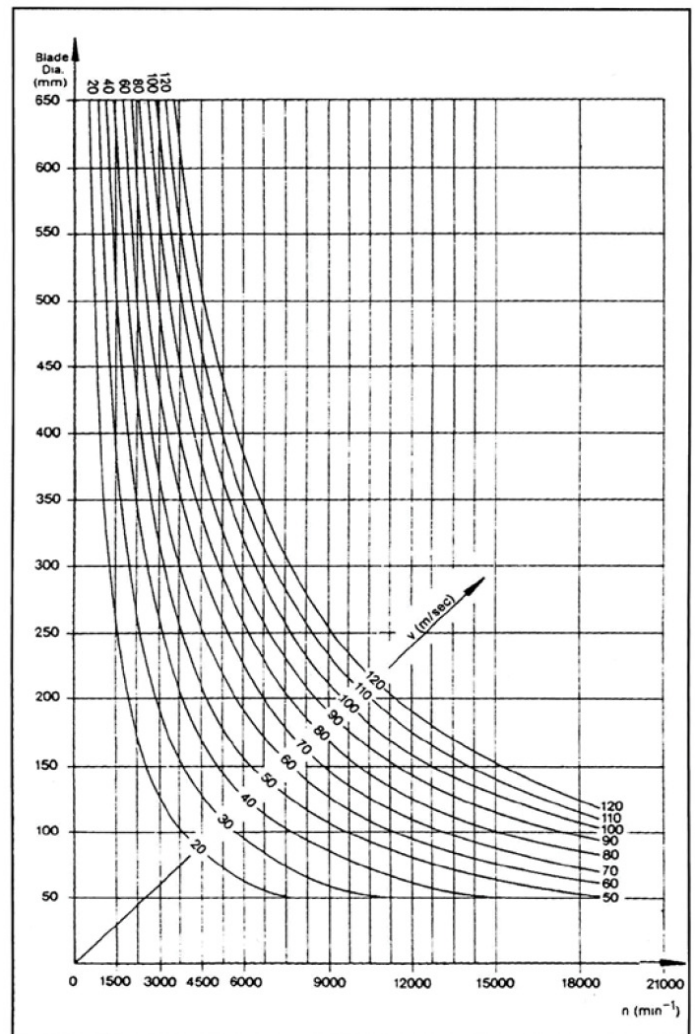


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# Recommended Cutting Speed

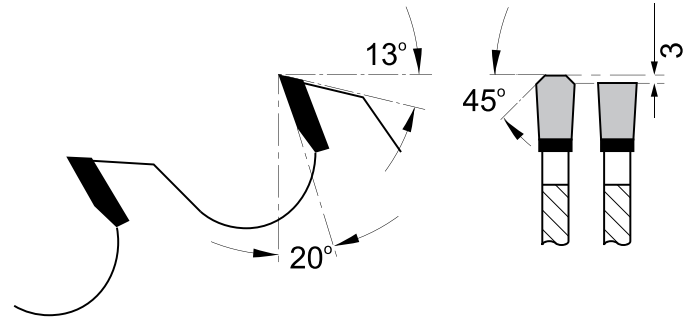
| MATERIAL                              | SPEED IN M/SEC. |
|---------------------------------------|-----------------|
| Soft wood                             | 60-100          |
| HARD wood                             | 60-100          |
| EXOTIC wood                           | 50-85           |
| VENEERS                               | 70-100          |
| DENSIFIED LAMINATED wood              | 40-65           |
| COMPRESSED wood                       | 40-65           |
| CORE AND blockboard                   | 50-90           |
| BOARD VENEERED ON BOTH SIDES          | 60-90           |
| Plywood panels                        | 50-80           |
| RAW chipboard                         | 50-80           |
| HARD board                            | 50-80           |
| SOFTboard                             | 60-100          |
| PLASTIC-LAMINATED chipboard           | 60-100          |
| PARTICLE board                        | 60-80           |
| LAMINATE-COVERED chipboard            | 60-80           |
| Solid THERMOPLASTIC panels            | 30-70           |
| Solid DUROPPLASTIC panels             | 15-50           |
| RESIN-BONDED PAPER fabrics, LAMINATES | 50-80           |
| PLASTIC SECTIONS OR fillERS           | 30-70           |
| Gypsum wallboard                      | 40-65           |
| SANDWICH-TYPE plaster board           | 40-65           |
| Rockwool board                        | 2-90            |
| CEMENTED board                        | 40-80           |
| PURE ALUMINIUM                        | 70-90           |
| Al-Mg-Cu                              | 50-70           |



# Glue Line Rip

## Saw Blades

An extremely stable saw offering smoother cutting for all glue line applications on either straight or shadow line rip saws.



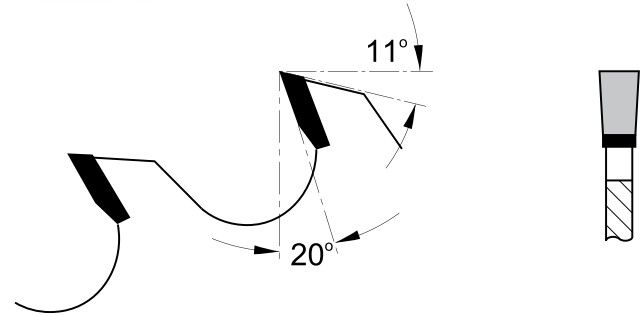
| SAW NO. | DIAMETER | TEETH | BORE   | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|--------|------|-----------------|-------|
| 4020    | 10"      | 30    | 5/8"   | 20°  | 0.095           | 0.145 |
| 4040    | 12"      | 30    | 1"     | 20°  | 0.110           | 0.160 |
| 4060    | 12"      | 36    | 3-1/8" | 20°  | 0.118           | 0.160 |
| 4080    | 14"      | 36    | 1"     | 20°  | 0.120           | 0.170 |
| 4100    | 14"      | 36    | 2"     | 20°  | 0.118           | 0.160 |
| 4120    | 16"      | 36    | 1"     | 20°  | 0.120           | 0.170 |
| 4140    | 16"      | 36    | 2"     | 20°  | 0.120           | 0.170 |



# Heavy Duty Rip Saw Blades

HD-1001

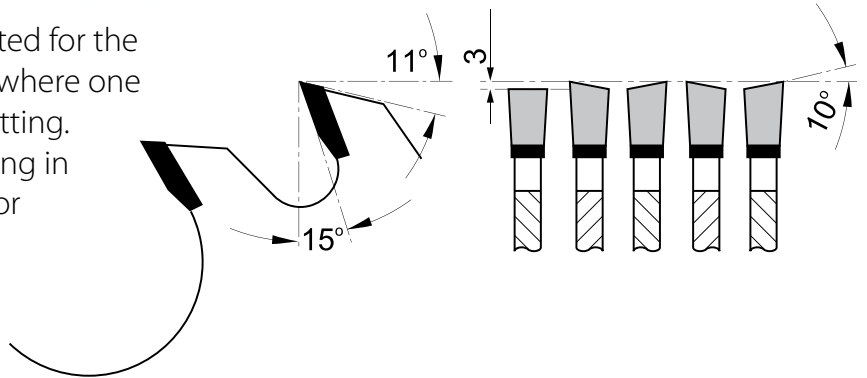
Specially saws for fast cutting on both hand and power feed ripping operations. This is accomplished by extremely large gullets, heavier plates and use of the proper clearances. Designed for heavy duty cutting in both hard and soft woods.



| SAW NO. | DIAMETER | TEETH | BORE  | HOOK | PLATE THICKNESS | KERF   |
|---------|----------|-------|-------|------|-----------------|--------|
| 4160    | 8"       | 24    | 5/8"  | 20°  | 0.095           | 0.135  |
| 4180    | 9"       | 24    | 5/8"  | 20°  | 0.085           | 0.135  |
| 4200    | 10"      | 24    | 5/8"  | 20°  | 0.095           | 0.145  |
| 4220    | 10"      | 24    | 5/8"  | 20°  | 0.095           | 0.145  |
| 4240    | 300 mm   | 24    | 70 mm | 20°  | 2.2 mm          | 3.2 mm |
| 4260    | 12"      | 24    | 1"    | 20°  | 0.110           | 0.160  |
| 4280    | 14"      | 24    | 1"    | 20°  | 0.120           | 0.160  |
| 4300    | 16"      | 36    | 1"    | 20°  | 0.120           | 0.170  |
| 4320    | 18"      | 40    | 1"    | 20°  | 0.134           | 0.184  |

# Combination Saw Blades

An excellent all around saw ideally suited for the small woodworking or cabinet shops where one saw is used for all different types of cutting. It can be used for ripping or crosscutting in solid woods, particle board, plywood or laminated panels.

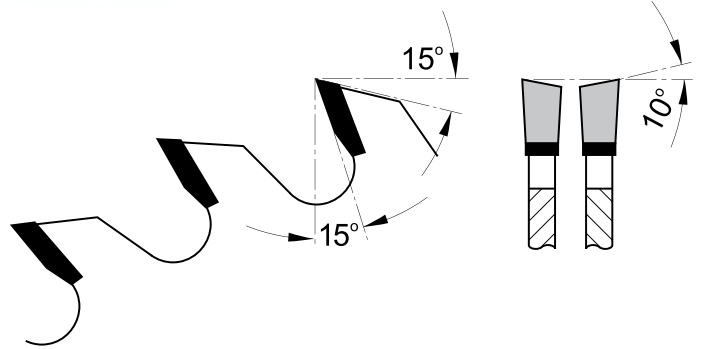


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 4340    | 9"       | 40    | 5/8" | 15°  | 0.085           | 0.125 |
| 4360    | 10"      | 50    | 5/8" | 15°  | 0.085           | 0.125 |
| 4380    | 12"      | 60    | 1"   | 15°  | 0.110           | 0.155 |
| 4400    | 14"      | 70    | 1"   | 15°  | 0.110           | 0.155 |
| 4420    | 16"      | 80    | 1"   | 15°  | 0.120           | 0.165 |

# General Purpose Cut Off Saw Blades

GP-1003

Designed for all around general purpose cutting in solid woods, plywood, masonite, chipboard and laminated formica.

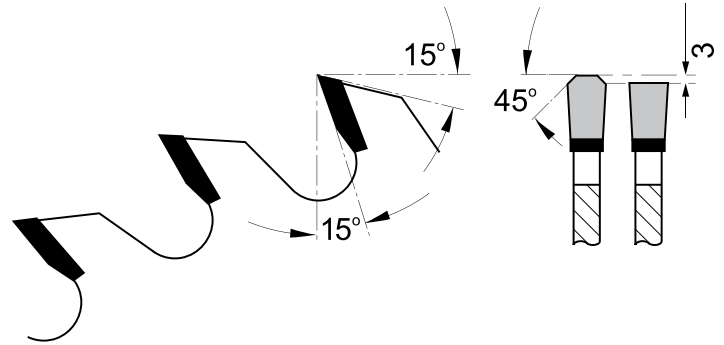


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 4440    | 8"       | 40    | 5/8" | 15°  | 0.085           | 0.125 |
| 4460    | 9"       | 40    | 5/8" | 15°  | 0.085           | 0.125 |
| 4480    | 10"      | 40    | 5/8" | 15°  | 0.085           | 0.125 |
| 4500    | 12"      | 40    | 1"   | 15°  | 0.095           | 0.135 |
| 4520    | 14"      | 40    | 1"   | 15°  | 0.12            | 0.165 |
| 4540    | 16"      | 40    | 1"   | 15°  | 0.12            | 0.165 |

# General Purpose Cut Off Saw Blades

Designed for all around general purpose cutting in solid woods, plywood, amazonite, chipboard and laminated Formica.

Recommended for cutting all types of abrasive materials, such as chipboard or high pressure laminates.

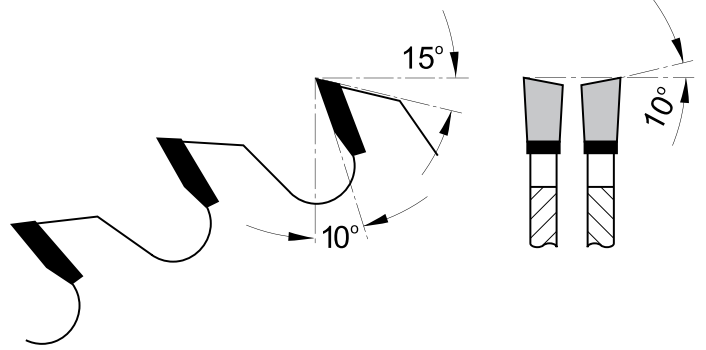


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 4560    | 8"       | 40    | 5/8" | 15°  | 0.085           | 0.125 |
| 4580    | 9"       | 40    | 5/8" | 15°  | 0.085           | 0.125 |
| 4600    | 10"      | 40    | 5/8" | 15°  | 0.085           | 0.125 |
| 4620    | 12"      | 40    | 1"   | 15°  | 0.095           | 0.14  |
| 4640    | 14"      | 40    | 1"   | 15°  | 0.120           | 0.165 |
| 4660    | 16"      | 40    | 1"   | 15°  | 0.120           | 0.165 |

# Standard Purpose Cut Off Saw Blades

SP-1005

For fine finishing cuts in plywood, veneered panels, masonite coated or uncoated, crosscutting in hard or soft woods, plexiglass over 1/2 inch thickness.  
Ideal for table saws.



| SAW NO. | DIAMETER | TEETH | BORE  | HOOK | PLATE THICKNESS | KERF   |
|---------|----------|-------|-------|------|-----------------|--------|
| 4680    | 7-1/4"   | 56    | 5/8"  | 10°  | 0.072           | 0.102  |
| 4700    | 8"       | 60    | 5/8"  | 10°  | 0.085           | 0.125  |
| 4720    | 9"       | 60    | 5/8"  | 10°  | 0.085           | 0.125  |
| 4740    | 10"      | 60    | 5/8"  | 10°  | 0.085           | 0.125  |
| 4760    | 300 mm   | 60    | 30 mm | 10°  | 2.4 mm          | 3.4 mm |
| 4780    | 12"      | 60    | 1"    | 10°  | 0.095           | 0.140  |
| 4800    | 14"      | 60    | 1"    | 10°  | 0.109           | 0.155  |
| 4820    | 16"      | 60    | 1"    | 10°  | 0.109           | 0.155  |
| 4840    | 18"      | 60    | 1"    | 10°  | 0.134           | 0.180  |

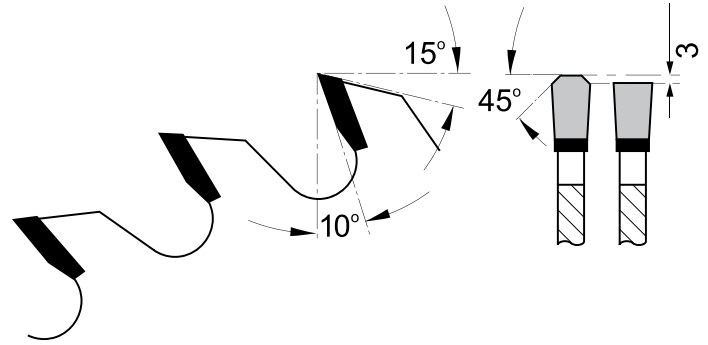


# Standard Purpose Cut Off Saw Blades

For fine finishing cuts in plywood, veneered panel, masonite coated or uncoated, crosscutting in hard or soft woods, Plexiglas over 1/2 inch thickness.

Ideal for table saws.

Recommended for cutting of all types of abrasive materials.

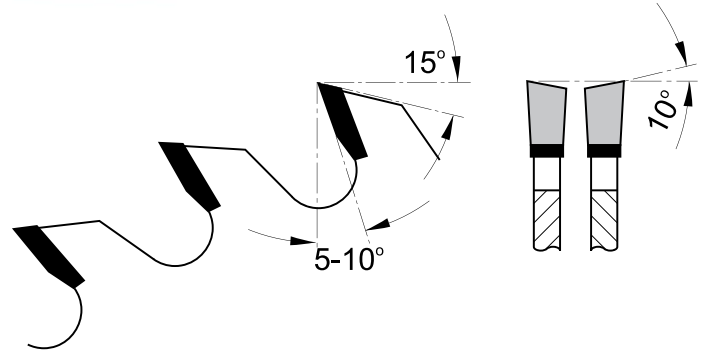


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF   |
|---------|----------|-------|------|------|-----------------|--------|
| 4860    | 7-1/4"   | 56    | 5/8" | 10°  | 0.072           | 0.120  |
| 4880    | 8"       | 60    | 5/8" | 10°  | 0.085           | 0.125  |
| 4900    | 220 mm   | 64    | 30mm | 10°  | 2.2 mm          | 3.2 mm |
| 4920    | 9"       | 60    | 5/8" | 10°  | 0.085           | 0.125  |
| 4940    | 10"      | 60    | 5/8" | 10°  | 0.085           | 0.125  |
| 4960    | 300 mm   | 60    | 30mm | 10°  | 2.4 mm          | 3.4 mm |
| 4980    | 12"      | 60    | 1"   | 10°  | 0.095           | 0.140  |
| 5000    | 14"      | 60    | 1"   | 10°  | 0.109           | 0.155  |
| 5020    | 16"      | 60    | 1"   | 10°  | 0.109           | 0.155  |
| 5040    | 18"      | 60    | 1"   | 10°  | 0.134           | 0.180  |

# Special Purpose Cut Off Saw Blades

SPA-1007

For smoothest possible finish in plywood, veneer, laminated panels, coated hardboard, plexiglass up to 3/8 inch thickness.  
For crosscutting of both hard or soft woods up to 3/4 inch thick.



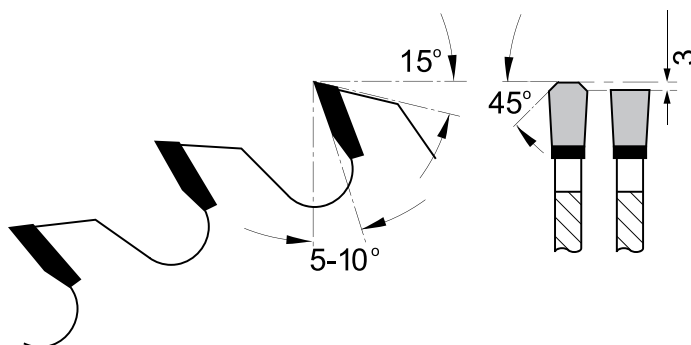
| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 5060    | 10"      | 80    | 5/8" | 5°   | 0.085           | 0.125 |
| 5080    | 12"      | 80    | 1"   | 5°   | 0.095           | 0.135 |
| 5100    | 12"      | 100   | 1"   | 5°   | 0.095           | 0.135 |
| 5120    | 14"      | 80    | 1"   | 10°  | 0.109           | 0.150 |
| 5140    | 14"      | 100   | 1"   | 5°   | 0.109           | 0.150 |
| 5160    | 16"      | 80    | 1"   | 10°  | 0.109           | 0.150 |
| 5180    | 16"      | 100   | 1"   | 5°   | 0.120           | 0.160 |
| 5200    | 16"      | 120   | 1"   | 5°   | 0.120           | 0.160 |
| 5220    | 18"      | 80    | 1"   | 10°  | 0.134           | 0.175 |
| 5240    | 18"      | 100   | 1"   | 10°  | 0.134           | 0.175 |
| 5260    | 18"      | 120   | 1"   | 10°  | 0.134           | 0.175 |

# Special Purpose Cut Off Saw Blades

For smoothest possible finish in plywood, veneer, laminated panels, coated hardboard, plexiglass up to 3/8 inch thickness.

For crosscutting of both hard or soft woods up to 3/4 inch thick.

Recommended for cutting of all types of abrasive materials.



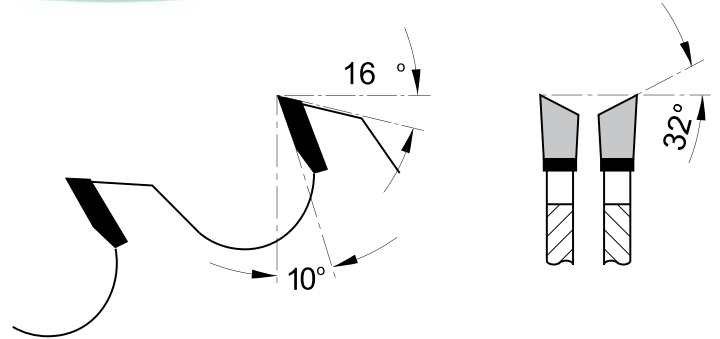
| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 5280    | 10"      | 80    | 5/8" | 5°   | 0.085           | 0.125 |
| 5300    | 12"      | 80    | 1"   | 5°   | 0.095           | 0.135 |
| 5320    | 12"      | 100   | 1"   | 5°   | 0.095           | 0.135 |
| 5340    | 14"      | 80    | 1"   | 10°  | 0.109           | 0.150 |
| 5360    | 14"      | 100   | 1"   | 5°   | 0.109           | 0.150 |
| 5380    | 16"      | 80    | 1"   | 10°  | 0.109           | 0.150 |
| 5400    | 16"      | 100   | 1"   | 5°   | 0.120           | 0.160 |
| 5420    | 16"      | 120   | 1"   | 5°   | 0.120           | 0.160 |
| 5440    | 18"      | 80    | 1"   | 10°  | 0.134           | 0.175 |
| 5460    | 18"      | 100   | 1"   | 10°  | 0.134           | 0.175 |
| 5480    | 18"      | 120   | 1"   | 10°  | 0.135           | 0.175 |



# All Purpose Saw Blades

AP-1009

The saw blade that can cut all.  
Soft and hard wood, riping and crosscut,  
plywood, MDF, chipboard, melamine, formica  
and more..  
Extra fine finish.  
Can be used on radial or table saws.

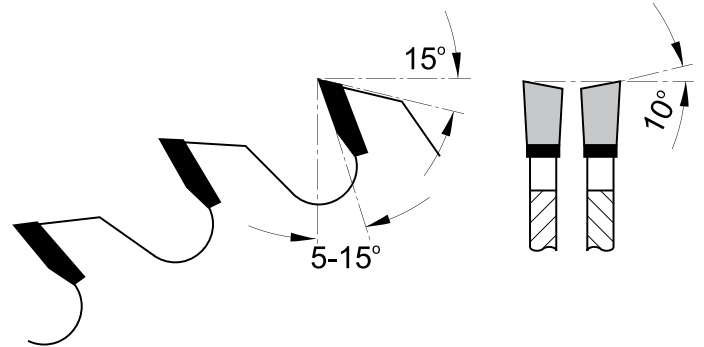


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 6600    | 160mm    | 50    | 20mm | 10   | 0.080           | 0.115 |
| 6610    | 190mm    | 50    | 30mm | 10   | 0.080           | 0.115 |
| 6620    | 7 1/4"   | 60    | 5/8" | 10   | 0.080           | 0.115 |
| 6630    | 8"       | 40    | 5/8" | 10   | 0.080           | 0.115 |
| 6640    | 8"       | 60    | 5/8" | 10   | 0.080           | 0.115 |
| 6650    | 9"       | 60    | 5/8" | 10   | 0.080           | 0.120 |
| 6660    | 10"      | 40    | 5/8" | 10   | 0.085           | 0.120 |
| 6670    | 10"      | 60    | 5/8" | 10   | 0.085           | 0.120 |
| 6680    | 12"      | 44    | 1"   | 10   | 0.085           | 0.120 |
| 6690    | 12"      | 60    | 1"   | 10   | 0.085           | 0.120 |
| 6695    | 14"      | 60    | 1"   | 10   | 0.095           | 0.125 |

# Thin Kerf

## Saw Blades

Thin kerf blades create less load on the machine, consuming less electrical power and allow minimum of stock waste.

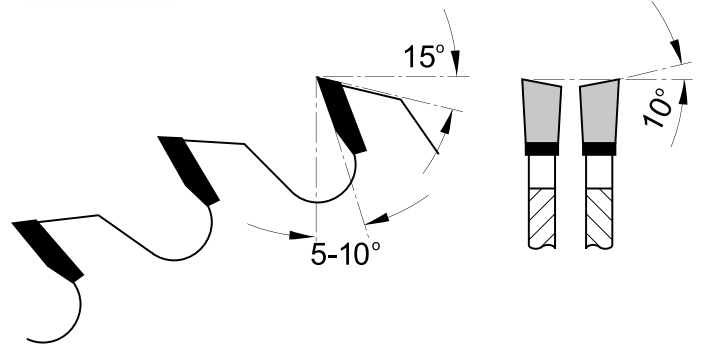


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 5720    | 8"       | 60    | 5/8" | 5°   | 0.072           | 0.102 |
| 5740    | 10"      | 24    | 5/8" | 15°  | 0.072           | 0.102 |
| 5760    | 10"      | 60    | 5/8" | 10°  | 0.072           | 0.102 |
| 5780    | 10"      | 80    | 5/8" | 5°   | 0.072           | 0.102 |
| 5790    | 12"      | 80    | 1"   | 5°   | 0.085           | 0.115 |

# Thin Kerf Saw Blades

TKG-1011

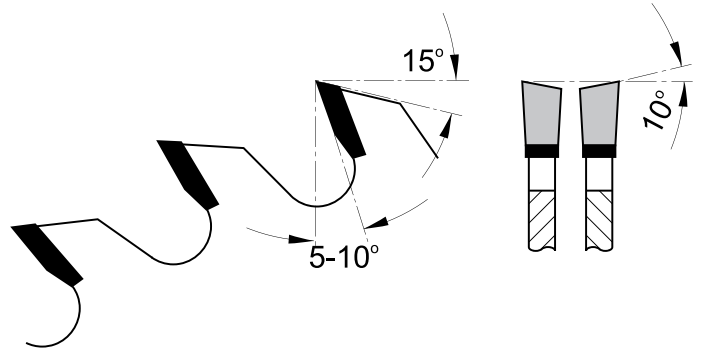
Thin kerf blades create less cutting power on the machine and allow for minimum of stock waste. Recommended for cutting all types of abrasive materials.



| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 5820    | 8"       | 60    | 5/8" | 5°   | 0.072           | 0.102 |
| 5840    | 10"      | 60    | 5/8" | 10°  | 0.072           | 0.102 |
| 5860    | 10"      | 80    | 5/8" | 5°   | 0.072           | 0.102 |
| 5880    | 12"      | 80    | 1"   | 5°   | 0.085           | 0.115 |

# Thin Rim Saw Blades

The perfect saw to use where there is a need for a minimum of stock removal per cut, as in the cutting of plastic or veneer strips for edge banding.

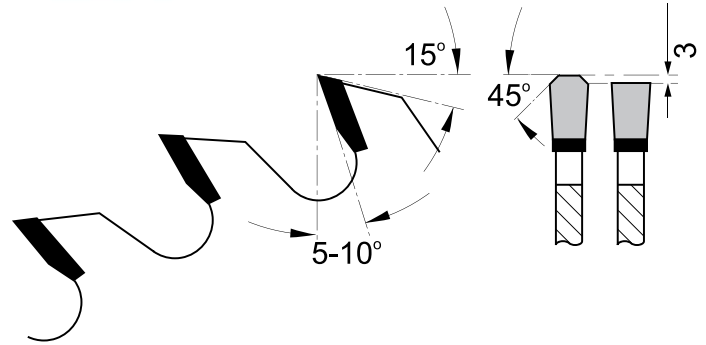


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF |
|---------|----------|-------|------|------|-----------------|------|
| 5560    | 8"       | 60    | 5/8" | 10°  | 0.086           | 0.62 |
| 5580    | 10"      | 80    | 5/8" | 5°   | 0.086           | 0.62 |
| 5600    | 12"      | 80    | 1"   | 5°   | 0.095           | 0.62 |
| 5620    | 12"      | 100   | 1"   | 5°   | 0.095           | 0.62 |

# Thin Rim Saw Blades

TRG-1013

The perfect saw to use where there is a need for a minimum of stock removal per cut, as in the cutting of plastic or veneer strips for edge banding.

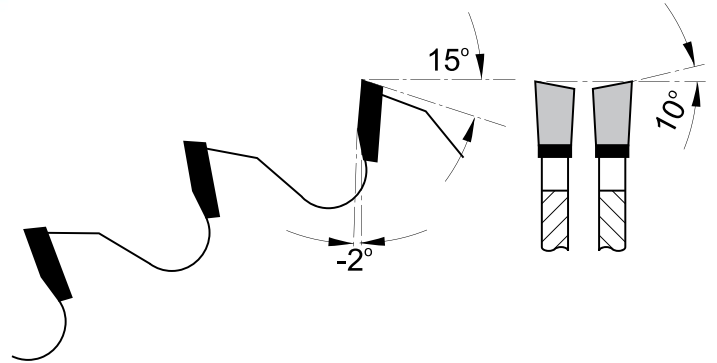


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 5640    | 8"       | 60    | 5/8" | 10°  | 0.086           | 0.092 |
| 5660    | 10"      | 80    | 5/8" | 5°   | 0.086           | 0.092 |
| 5680    | 12"      | 80    | 1"   | 5°   | 0.095           | 0.092 |

# Radial Overarm Saw Blades

An excellent blade for use on all types of radial saws.

Due to the negative tooth design, this saw offers a minimum of grabbing which is the main problem on most overarm machines.



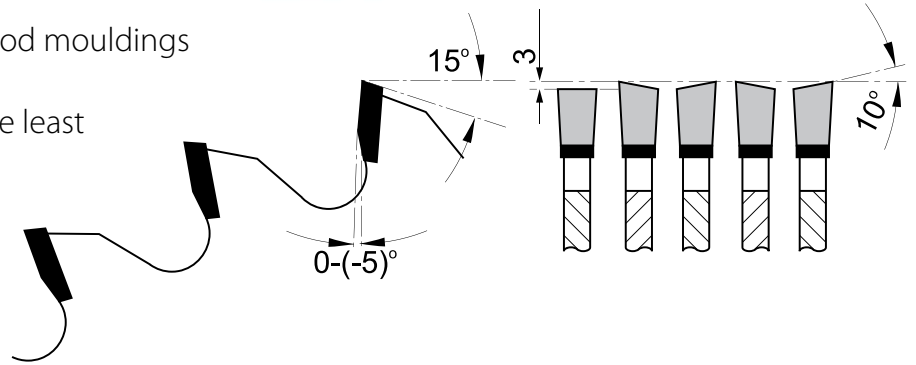
| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 5900    | 10"      | 24    | 5/8" | -2°  | 0.095           | 0.135 |
| 5920    | 12"      | 30    | 5/8" | -2°  | 0.095           | 0.135 |
| 5940    | 12"      | 30    | 1"   | -2°  | 0.095           | 0.135 |
| 5960    | 12"      | 60    | 5/8" | -2°  | 0.095           | 0.135 |
| 5980    | 12"      | 60    | 1"   | -2°  | 0.095           | 0.135 |
| 6000    | 14"      | 40    | 1"   | -2°  | 0.120           | 0.165 |
| 6020    | 16"      | 40    | 1"   | -2°  | 0.120           | 0.165 |
| 6040    | 16"      | 72    | 1"   | -2°  | 0.110           | 0.155 |

# Mitre

# Saw Blades

MS-R-1015

Especially designed for cutting wood mouldings on all types of mitre machines. Negative tooth design provides the least possible grabbing of material.

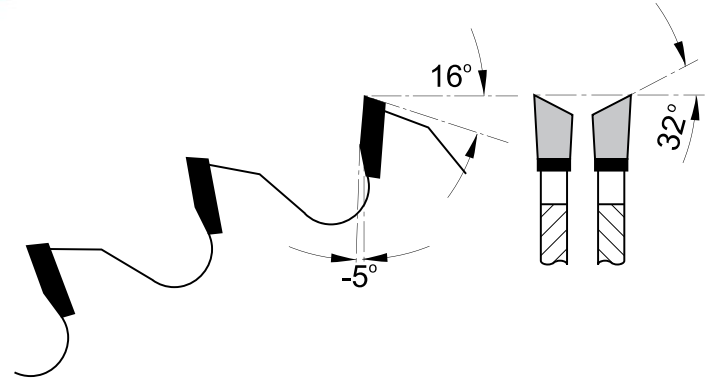


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 6060    | 10"      | 60    | 5/8" | -2°  | 0.085           | 0.115 |
| 6080    | 10"      | 80    | 5/8" | -5°  | 0.085           | 0.115 |
| 6100    | 10"      | 80    | 5/8" | 0°   | 0.072           | 0.102 |
| 6120    | 12"      | 80    | 1"   | -2°  | 0.095           | 0.125 |
| 6140    | 12"      | 80    | 1"   | 0°   | 0.08            | 0.110 |
| 6160    | 12"      | 100   | 1"   | -5°  | 0.095           | 0.125 |
| 6180    | 12"      | 100   | 5/8" | -5°  | 0.095           | 0.125 |
| 6200    | 14"      | 90    | 1"   | -2°  | 0.120           | 0.150 |
| 6220    | 14"      | 100   | 5/8" | -2°  | 0.120           | 0.150 |
| 6240    | 14"      | 100   | 1"   | -2°  | 0.120           | 0.150 |
| 6260    | 15"      | 100   | 1"   | -2°  | 0.085           | 0.150 |
| 6280    | 16"      | 100   | 1"   | -2°  | 0.120           | 0.150 |



# Double Faced Laminate Saw Blades

Hi-alternate top bevel teeth - 32°.  
Smoothest cutting saw for double sided  
materials such as Melamine, Kartron & Veneer.  
Can be used on radial or table saws.



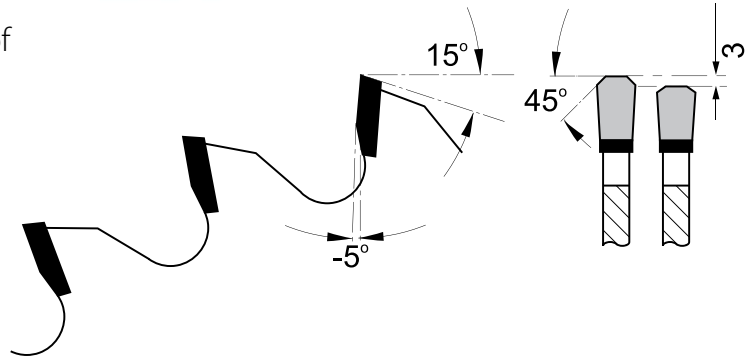
| SAW NO. | DIAMETER | TEETH | BORE  | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|-------|------|-----------------|-------|
| 6300    | 220 mm   | 64    | 30 mm | -5°  | 0.085           | 0.115 |
| 6310    | 8"       | 60    | 5/8"  | -5°  | 0.085           | 0.115 |
| 6320    | 250 mm   | 80    | 30 mm | -5°  | 0.085           | 0.115 |
| 6330    | 10"      | 80    | 5/8"  | -5°  | 0.085           | 0.115 |
| 6340    | 300 mm   | 100   | 30 mm | -5°  | 0.085           | 0.115 |
| 6350    | 12"      | 100   | 1"    | -5°  | 0.095           | 0.125 |
| 6360    | 14"      | 100   | 1"    | -5°  | 0.118           | 0.148 |
| 6380    | 16"      | 120   | 1"    | -5°  | 0.120           | 0.150 |



# Double Faced Laminate Saw Blades

DFT-1017

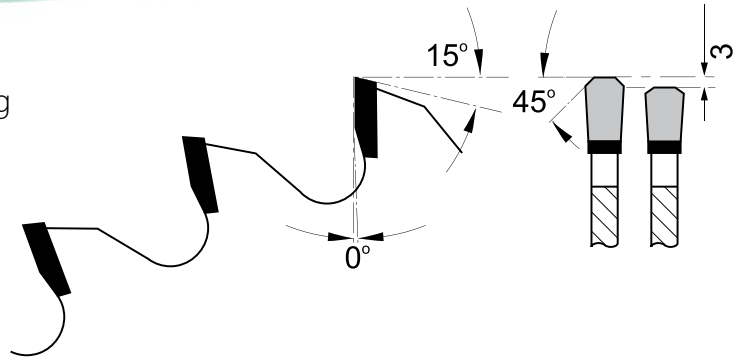
The perfect saw for the best possible cutting of formica and Melamine laminated panels. These blades can perform equally as well on both radial or table saws. Recommended for cutting of all types of abrasive materials.



| SAW NO. | DIAMETER | TEETH | BORE | HOOK       | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------------|-----------------|-------|
| 6500    | 8"       | 60    | 5/8" | $-5^\circ$ | 0.085           | 0.115 |
| 6520    | 10"      | 80    | 5/8" | $-5^\circ$ | 0.085           | 0.115 |
| 6540    | 12"      | 100   | 1"   | $-5^\circ$ | 0.095           | 0.125 |
| 6560    | 14"      | 100   | 1"   | $-5^\circ$ | 0.120           | 0.150 |
| 6580    | 16"      | 120   | 1"   | $-5^\circ$ | 0.120           | 0.150 |

# Plastic Trimming & Sizing Saw Blades

Ideally suited for cutting plastics such as plexiglass, lucite, ABS, and Lexan, where melting is a problem.  
Good for material thickness up to 3/8 inch.

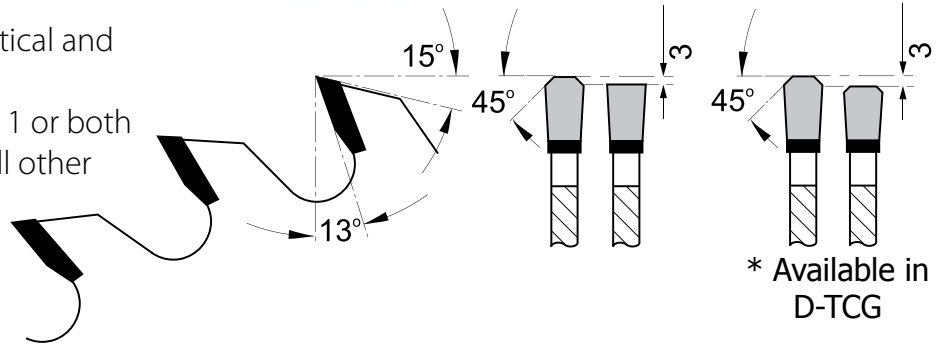


| SAW NO. | DIAMETER | TEETH | BORE | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------|------|-----------------|-------|
| 5500    | 8"       | 60    | 5/8" | 0°   | 0.072           | 0.102 |
| 5520    | 10"      | 80    | 5/8" | 0°   | 0.072           | 0.102 |
| 5540    | 12"      | 80    | 1"   | 0°   | 0.085           | 0.105 |

# Panel Sizing Saw Blades

PS-4004

For use on various models of vertical and horizontal panel saw machines.  
For cutting plastic lamination on 1 or both sides chipboard, plywood, and all other boards.  
Extra long life.



\* Available in D-TCG

\* All measurements are in mm

| SAW NO. | DIAMETER | TEETH | BORE                   | HOOK | PLATE THICKNESS | KERF |
|---------|----------|-------|------------------------|------|-----------------|------|
| 632     | 305      | 72    | 30                     | 13°  | 3.2             | 4.4  |
| 633     | 305      | 60    | 65                     | 13°  | 3.2             | 4.4  |
| 633-1   | 320      | 60    | 30                     | 13°  | 3.2             | 4.4  |
| 634     | 355      | 54    | 30                     | 13°  | 3.2             | 4.4  |
| 635     | 355      | 54    | 75                     | 13°  | 3.2             | 4.4  |
| 635-1   | 355      | 72    | 75                     | 13°  | 3.2             | 4.25 |
| 636     | 355      | 72    | 30                     | 13°  | 3.2             | 4.4  |
| 637     | 355      | 72    | 75                     | 13°  | 3.2             | 4.4  |
| 638     | 355      | 72    | 80 (4/19/100+2/14/110) | 13°  | 3.2             | 4.4  |
| 639     | 380      | 72    | 60 (2/14/100)          | 13°  | 3.4             | 4.8  |
| 639-1   | 380      | 72    | 80 (4/19/120+2/9/130)  | 13°  | 3.4             | 4.8  |
| 640     | 400      | 72    | 30                     | 13°  | 3.2             | 4.4  |
| 641     | 400      | 72    | 60 (2/14/100)          | 13°  | 3.2             | 4.4  |
| 642     | 400      | 72    | 75                     | 13°  | 3.2             | 4.4  |
| 643     | 400      | 72    | 80 (4/9/100)           | 13°  | 3.2             | 4.4  |
| 644     | 420      | 72    | 60 (2/14/125+2/10/80)  | 13°  | 3.4             | 4.4  |
| 645     | 430      | 72    | 75 (4/15/105)          | 13°  | 3.2             | 4.4  |
| 646     | 450      | 72    | 30                     | 13°  | 3.4             | 4.8  |
| 647     | 450      | 72    | 80 (4/19/120+2/9/130)  | 13°  | 3.4             | 4.8  |
| 648     | 500      | 60    | 60 (2/11/115)          | 13°  | 3.4             | 4.8  |
| 649     | 500      | 72    | 30                     | 13°  | 3.4             | 4.8  |
| 650     | 500      | 72    | 60 (2/11/115+2/19/120) | 13°  | 3.4             | 4.8  |
| 651     | 600      | 72    | 60 (2/9/120+2/11/115)  | 13°  | 3.4             | 4.8  |

\* SPECIALS available upon request after consultation with our design team.

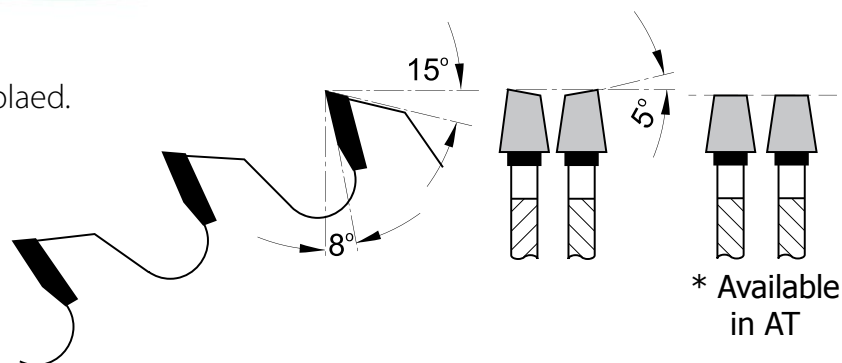


# Scoring

## Saw Blades

Conical teeth.

Adjustable to the kerf of the main saw blade.



\* All measurements are in mm

| SAW NO. | DIAMETER | TEETH | BORE         | HOOK | PLATE THICKNESS | KERF    |
|---------|----------|-------|--------------|------|-----------------|---------|
| 721     | 100      | 20    | 20/22        | 8°   | 2.2             | 3.2-4.0 |
| 722     | 100      | 20    | 20/22        | 8°   | 3.2             | 4.4-5.4 |
| 723     | 120      | 24    | 22           | 8°   | 2.2             | 3.1-4.1 |
| 724     | 120      | 24    | 20           | 8°   | 2.2             | 3.1-4.1 |
| 725     | 120      | 24    | 20/22        | 8°   | 2.2             | 3.5-4.5 |
| 726     | 125      | 24    | 20/22        | 8°   | 3.2             | 3.8-4.8 |
| 727     | 125      | 24    | 20           | 8°   | 2.2             | 3.1-4.1 |
| 728     | 125      | 24    | 22           | 8°   | 2.2             | 3.1-4.1 |
| 729     | 125      | 24    | 20           | 8°   | 3.2             | 4.4-5.4 |
| 730     | 125      | 24    | 45           | 8°   | 3.2             | 4.4-5.4 |
| 731     | 150      | 24    | 20           | 8°   | 3.2             | 4.4-5.4 |
| 732     | 160      | 30    | 45 (3/11/70) | 8°   | 3.2             | 4.4-5.4 |
| 733     | 160      | 30    | 55 (5/3/66)  | 8°   | 3.2             | 4.4-5.4 |
| 734     | 180      | 30    | 30 (2/10/60) | 8°   | 3.2             | 4.4-5.4 |
| 735     | 180      | 30    | 45           | 8°   | 3.2             | 4.4-5.4 |
| 736     | 180      | 30    | 55           | 8°   | 3.4             | 4.8-5.8 |
| 737     | 200      | 36    | 20           | 8°   | 3.2             | 4.4-5.4 |
| 738     | 200      | 36    | 45           | 8°   | 3.2             | 4.4-5.4 |
| 739     | 200      | 36    | 65 (2/9/110) | 8°   | 3.2             | 4.4-5.4 |
| 740     | 200      | 36    | 65 (2/9/110) | 8°   | 3.4             | 4.8-5.8 |
| 741     | 216      | 42    | 50 (3/15/80) | 8°   | 3.2             | 4.4-5.4 |
| 742     | 300      | 60    | 45           | 8°   | 3.2             | 4.4-5.4 |
| 743     | 340      | 72    | 45           | 8°   | 3.2             | 4.4-5.4 |

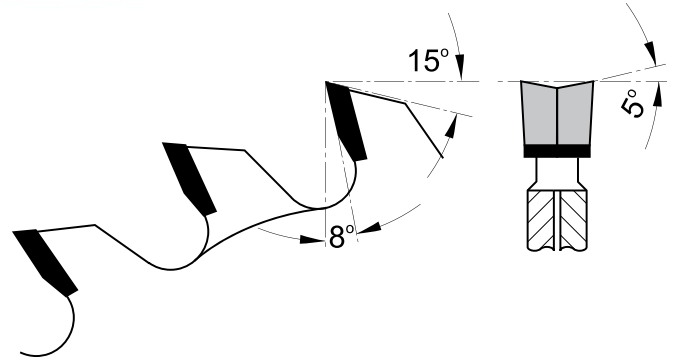
\* SPECIALS available upon request after consultation with our design team.

# Split Scoring Saw Blades

SC-4008

Used on sliding carriage panel saws to score the bottom of finished panels, this allowing large saw to cut through without chipping material on bottom side.

Shims are provided to adjust kerf to match large blade.



| SAW NO. | DIAMETER | TEETH | BORE  | HOOK | PLATE THICKNESS | KERF       |
|---------|----------|-------|-------|------|-----------------|------------|
| 8220    | 100 mm   | 2X10  | 20 mm | 8°   | 2.0 mm          | 2.8-3.6 mm |
| 8240    | 120 mm   | 2X12  | 20 mm | 8°   | 2.0 mm          | 2.8-3.6 mm |
| 8260    | 125 mm   | 2X12  | 22 mm | 8°   | 2.0 mm          | 2.8-3.6 mm |

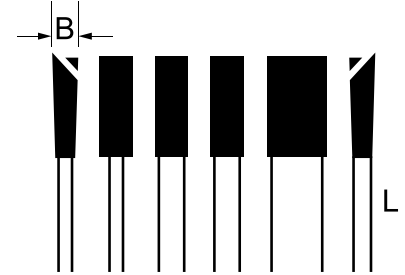
# Groove

## Saw Blades

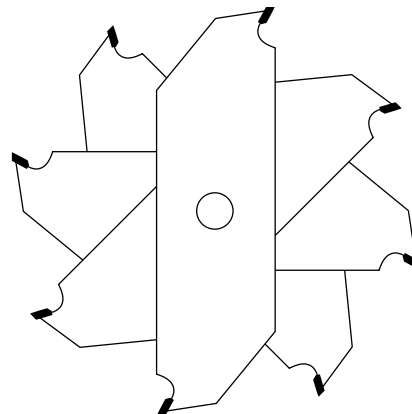
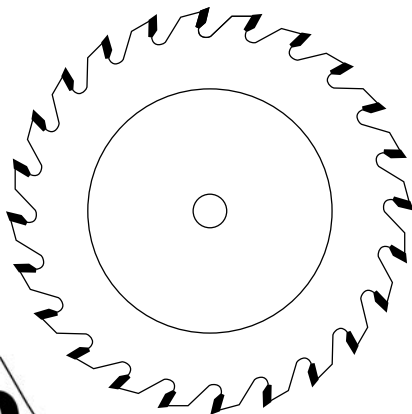
Offers the woodworking shop one tool which will cut various size grooves up to 13/16 inch maximum width of cut.

Can be used to cut either with or against the grain.

Fine tooth dado recommended for plywood, Melamine, or where extra smooth cut is needed.



| SAW NO. | DIAMETER | TEETH | BORE | HOOK | KERF RANGE     |
|---------|----------|-------|------|------|----------------|
| 9020    | 6"       | 18    | 5/8" | 15°  | 1/4" to 13-16" |
| 9040    | 8"       | 24    | 5/8" | 0°   | 1/4" to 13-16" |
| 9060    | 8"       | 24    | 1"   | 0°   | 1/4" to 13-16" |
| 9070    | 8"       | 30    | 5/8" | 0°   | 1/4" to 13-16" |
| 9080    | 8"       | 40    | 5/8" | -5°  | 1/4" to 13-16" |
| 9100    | 8"       | 40    | 1"   | -5°  | 1/4" to 13-16" |
| 9120    | 10"      | 24    | 5/8" | 15°  | 1/4" to 13-16" |
| 9140    | 10"      | 24    | 1"   | 15°  | 1/4" to 13-16" |
| 9160    | 12"      | 24    | 1"   | 15°  | 1/4" to 13-16" |



# Cutter for Joining Plate

**LAMELO  
1021**

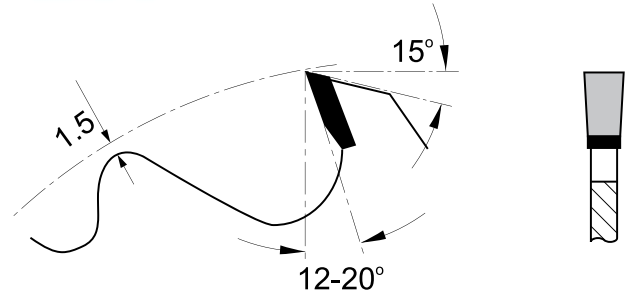
Flat teeth.

The width of the cutter is suited to the original lamello joint plates.

The size of the lamello joint plates determine the depth of the penetration.

Soft and hard wood.

Cutter for joining lamello

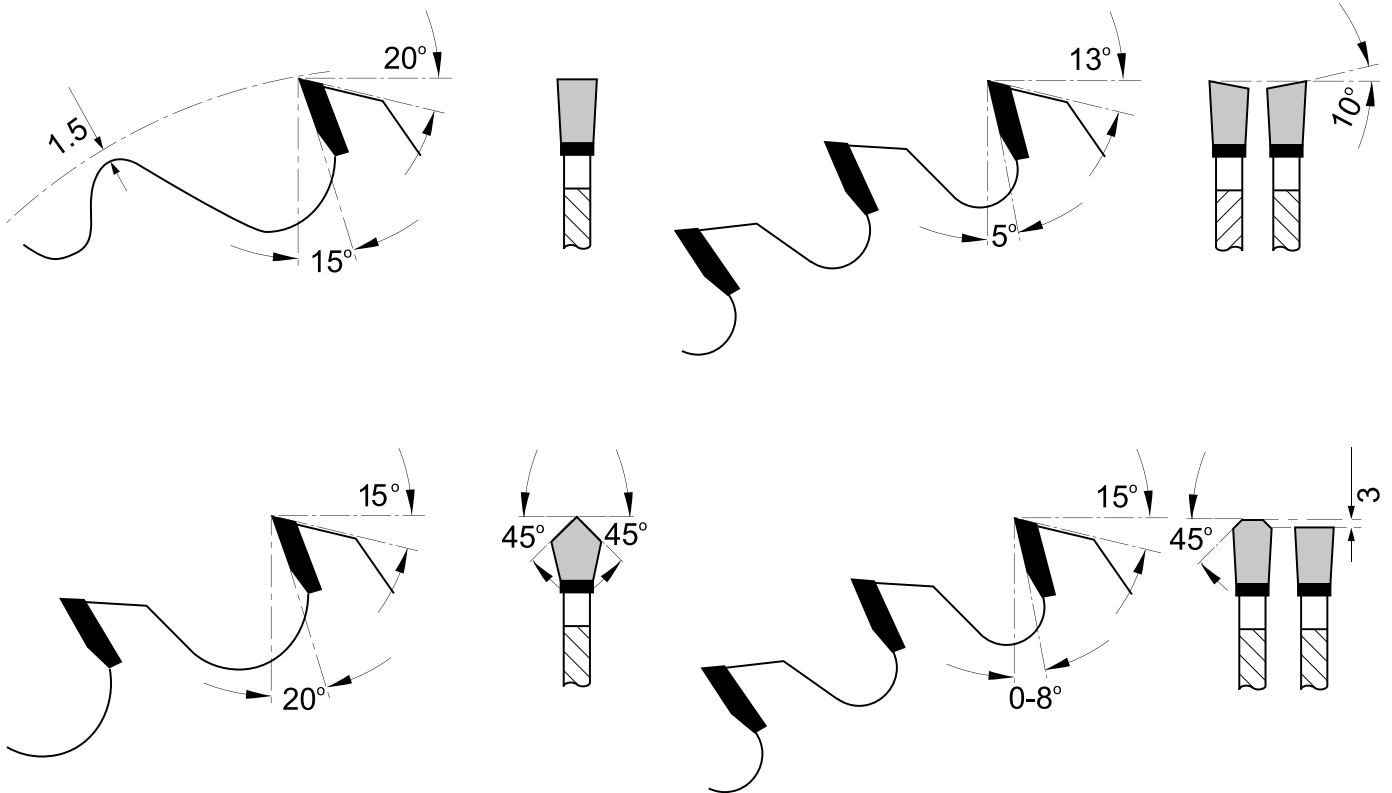
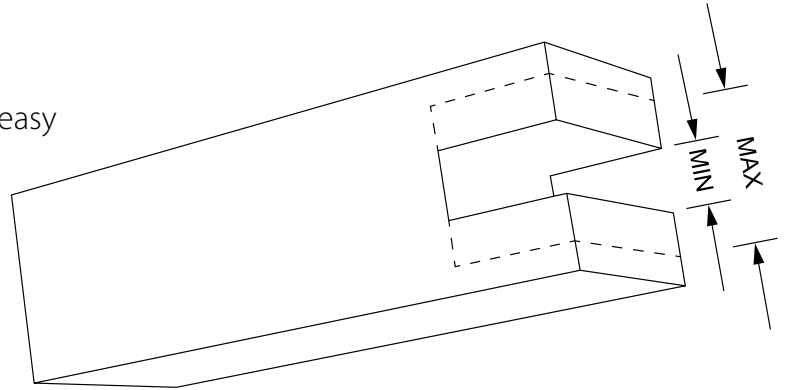


| SAW NO. | DIA.   | TEETH | BORE        | HOOK | PLATE THICKNESS | KERF   |
|---------|--------|-------|-------------|------|-----------------|--------|
| 840     | 100 mm | 6     | 20 or 22 mm | 20°  | 3.0 mm          | 4.0 mm |
| 841     | 100 mm | 12    | 20 or 22 mm | 12°  | 3.0 mm          | 4.0 mm |



# Custom Saw Blades

Can be supplied with all kind of grinding.  
 Kerf- 3.0mm up to 13.0mm.  
 Can be supplied with wide radius gullet for easy  
 ship removal.  
 For working along and across the grain.



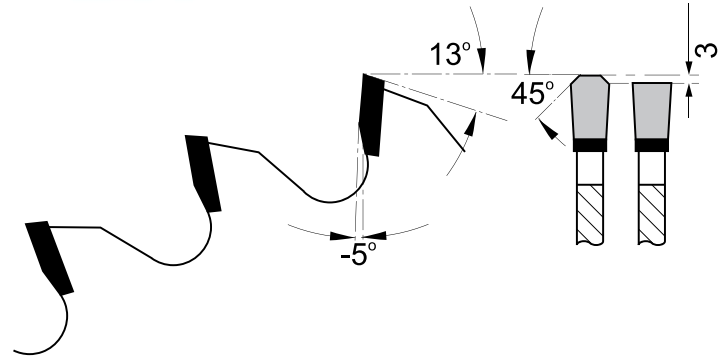


# Nonferrous Metal Saw Blades

NF-N-1021

Triple chip teeth.

The negative hook angle saw is suitable for sizing and miter cuts in-ferrous metals, such as Aluminium and Aluminium alloys.



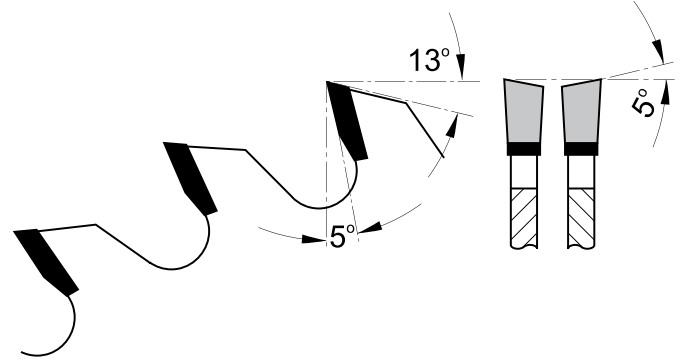
| SAW NO. | DIAMETER | TEETH | BORE       | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------------|------|-----------------|-------|
| 697     | 6 1/2"   | 48    | 5/8"       | -5°  | 0.087           | 0.110 |
| 698     | 7 1/4"   | 58    | 5/8"       | -5°  | 0.087           | 0.110 |
| 699     | 8"       | 48    | 5/8"       | -5°  | 0.087           | 0.110 |
| 700     | 8"       | 60    | 5/8"       | -5°  | 0.087           | 0.110 |
| 701     | 8.5"     | 64    | 5/8"       | -5°  | 0.087           | 0.110 |
| 702     | 9"       | 60    | 5/8"       | -5°  | 0.087           | 0.110 |
| 703     | 9.25"    | 60    | 5/8"       | -5°  | 0.087           | 0.110 |
| 704     | 10"      | 60    | 5/8"       | -5°  | 0.102           | 0.126 |
| 705     | 10"      | 80    | 5/8"       | -5°  | 0.102           | 0.126 |
| 706     | 10"      | 100   | 5/8"       | -5°  | 0.102           | 0.126 |
| 707     | 275 mm   | 72    | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 707-1   | 280 mm   | 80    | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 708     | 12"      | 72    | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 709     | 12"      | 96    | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 710     | 12"      | 80    | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 711     | 12"      | 102   | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 712     | 14"      | 84    | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 713     | 14"      | 108   | 1" / 32 mm | -5°  | 0.102           | 0.126 |
| 714     | 15"      | 100   | 1" / 32 mm | -5°  | 0.087           | 0.110 |
| 715     | 16"      | 96    | 1" / 32 mm | -5°  | 0.126           | 0.150 |
| 716     | 16"      | 120   | 1" / 32 mm | -5°  | 0.126           | 0.150 |
| 717     | 420 mm   | 96    | 1" / 32 mm | -5°  | 0.134           | 0.157 |
| 718     | 18"      | 108   | 40 / 50 mm | -5°  | 0.126           | 0.150 |
| 719     | 18"      | 120   | 40 / 50 mm | -5°  | 0.126           | 0.150 |
| 720     | 20"      | 120   | 40 / 50 mm | -5°  | 0.150           | 0.177 |
| 720-1   | 550      | 150   | 40 / 50 mm | -5°  | 0.150           | 0.177 |

\* Available upon request for each bore size.



# Nonferrous Metal Saw Blades

Alternate top bevel teeth.  
 Suitable for sizing and miter cuts in-ferrous metals, such as Aluminium and Aluminium alloys.  
 Thin-walled profiles of Aluminium.



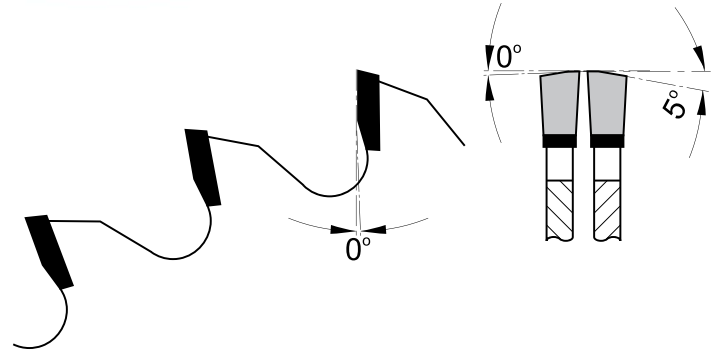
| SAW NO. | DIAMETER | TEETH | BORE       | HOOK | PLATE THICKNESS | KERF  |
|---------|----------|-------|------------|------|-----------------|-------|
| 6700    | 6 1/2"   | 48    | 5/8"       | 5°   | 0.087           | 0.110 |
| 6720    | 7 1/4"   | 58    | 5/8"       | 5°   | 0.087           | 0.110 |
| 6741    | 8"       | 48    | 5/8"       | 5°   | 0.087           | 0.110 |
| 6760    | 8"       | 60    | 5/8"       | 5°   | 0.087           | 0.110 |
| 6780    | 8.5"     | 64    | 5/8"       | 5°   | 0.087           | 0.110 |
| 6800    | 9"       | 60    | 5/8"       | 5°   | 0.087           | 0.110 |
| 6820    | 9.25"    | 60    | 5/8"       | 5°   | 0.087           | 0.110 |
| 6840    | 10"      | 60    | 5/8"       | 5°   | 0.102           | 0.126 |
| 6860    | 10"      | 80    | 5/8"       | 5°   | 0.102           | 0.126 |
| 6880    | 10"      | 100   | 5/8"       | 5°   | 0.102           | 0.126 |
| 6900    | 275 mm   | 72    | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 6920    | 280 mm   | 80    | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 6940    | 12"      | 72    | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 6960    | 12"      | 96    | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 6970    | 12"      | 80    | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 6980    | 12"      | 102   | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 6990    | 14"      | 84    | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 7000    | 14"      | 108   | 1" / 32 mm | 5°   | 0.102           | 0.126 |
| 7010    | 15"      | 100   | 1" / 32 mm | 5°   | 0.087           | 0.110 |
| 7020    | 16"      | 96    | 1" / 32 mm | 5°   | 0.126           | 0.150 |
| 7030    | 16"      | 120   | 1" / 32 mm | 5°   | 0.126           | 0.150 |
| 7040    | 420 mm   | 96    | 1" / 32 mm | 5°   | 0.134           | 0.157 |
| 7050    | 18"      | 108   | 40 / 50 mm | 5°   | 0.126           | 0.150 |
| 7060    | 18"      | 120   | 40 / 50 mm | 5°   | 0.126           | 0.150 |
| 7080    | 20"      | 120   | 40 / 50 mm | 5°   | 0.150           | 0.177 |
| 7100    | 550      | 150   | 40 / 50 mm | 5°   | 0.150           | 0.177 |

\* Available upon request for each bore size.

# T.C.T. Metal Saw Blades

MF-M-1023

For cutting mild steel- studs, sheet, pipe, channel, threaded rod and much more.  
fast cutting, no sparks.  
Dry cutting, with clean surface (no burning).  
Max 2000rpm.

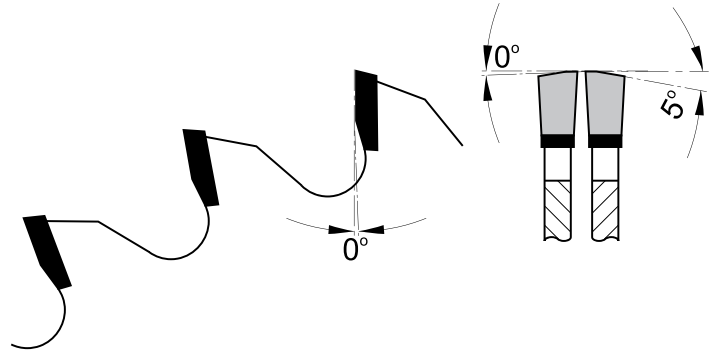


| SAW NO. | DIA.   | TEETH | BORE | HOOK | PLATE THICKNESS | KERF   | APPROX. CUT. THICKNESS |
|---------|--------|-------|------|------|-----------------|--------|------------------------|
| 7120    | 7-1/4" | 36    | 20mm | 0°   | 1.8 mm          | 2.2 mm | 3.0                    |
| 7160    | 8"     | 40    | 5/8" | 0°   | 1.8 mm          | 2.2 mm | 3.0                    |
| 7180    | 10"    | 50    | 5/8" | 0°   | 1.8 mm          | 2.2 mm | 4.0                    |
| 7200    | 12"    | 60    | 1"   | 0°   | 1.8 mm          | 2.2 mm | 5.0                    |
| 7240    | 14"    | 72    | 1    | 0°   | 2.0 mm          | 2.4 mm | 5.0                    |



# T.C.T. Stainless Steel Saw Blades

For cutting stainless steel- sheet, pipe, channel and profile. Up to 6  
fast cutting, no sparks.  
Dry cutting, with clean surface (no burning).  
Max 2000rpm.



| SAW NO. | DIA.  | TEETH | BORE | HOOK | PLATE THICKNESS | KERF   | APPROX. CUT. THICKNESS |
|---------|-------|-------|------|------|-----------------|--------|------------------------|
| 7140    | 7-17" | 48    | 5/8" | 0°   | 1.8 mm          | 2.2 mm | 3.0 mm                 |
| 7220    | 12"   | 80    | 1"   | 0°   | 1.8 mm          | 2.2 mm | 6.0 mm                 |
| 7260    | 14"   | 90    | 1"   | 0°   | 2.0 mm          | 2.4 mm | 6.0 mm                 |

# 1 Blade cuts Different materials with 4 X Cutting Power

**MULTI-TASK** - the Newest Generation of saw blades

**4X**   
Optimus  
**MULTI-TASK**

ISHAD'S NEWEST  
SAW BLADE TECHNOLOGY

*LONGEST LIFE - for Carbide  
Tipped Circular Saw Blades*

*ONE BLADE CUTS -  
Aluminium, Plastic,  
Steel & Wood*

**ISHAD**  
Quality Saws

*We don't expect to be your **ONLY**  
carbide saw blades supplier . . . .  
We expect to be your **BEST** carbide  
saw blades supplier*



**1** Specially designed to cut cleaner and longer a wide variety of steel profiles up to 4 mm at 2000 rpm max. It resists breakage on impact even when working with galvanized materials, eliminating down time for frequent blade changes. Highly efficient, allowing continuous work, reducing cost-per-cut, maximizing performance.

**STEEL**



**2** Designed for smooth, burr free cuts on all types of aluminum profiles up to 4 mm at 6500 rpm max. It's distinct features and long life greatly outlasts other saw blades, saving you time and money. Our unique blade will help you improve your bottom line!

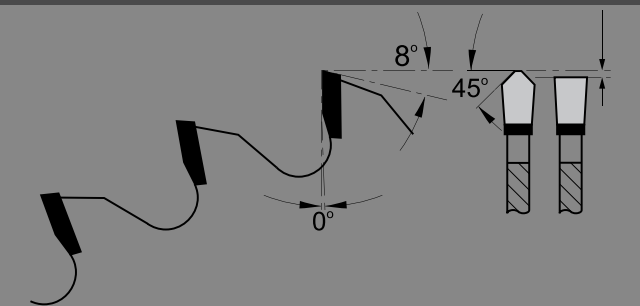
**ALUMINIUM**



Designed for smooth, burr free cuts on all types of aluminum profiles up to 4 mm at 6500 rpm max. It's distinct features and long life greatly outlasts other saw blades, saving you time and money. Our unique blade will help you improve your bottom line!

| SAW NO. | DIAMETER | TEETH | BORE      | HOOK | PLATE | KERF |
|---------|----------|-------|-----------|------|-------|------|
| 808     | 180 mm   | 36    | 20 / 5/8" | 0°   | 1.8   | 2.2  |
| 809-1   | 8"       | 40    | 30 / 5/8" | 0°   | 1.8   | 2.2  |
| 810     | 10"      | 50    | 30 / 5/8" | 0°   | 1.8   | 2.2  |
| 811     | 12"      | 60    | 30 / 1"   | 0°   | 1.8   | 2.2  |
| 813     | 14"      | 80    | 30 / 1"   | 0°   | 2.0   | 2.2  |

SPECIALS available upon request after consultation with our design team.



It just keeps cutting! Suitable for difficult to cut materials - soft, hard and exotic wood up to 8 mm at 6500 rpm max. The Multi-Task is capable cutting wood with nails, staples or any additional material within the wood. This all in one, longest lasting carbide tipped saw blade, is your solution.

**WOOD**



**3**

Performance, quality and speed are all features of our blade. It has been specially selected for excellent work on all plastic materials up to 4 mm at 6500 rpm max, and lasts much longer. Cuts are smooth, clean and Melt - Free.

**PLASTIC**



**4**

Lined writing area consisting of 20 horizontal green lines.

**4X**   
Optimus

*We don't expect to be  
your **ONLY** carbide saw blades supplier . . .*

*We expect to be  
your **BEST** carbide saw blades supplier*

**ISHAD**  
Quality Saws

**ISHAD QUALITY SAWS**

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