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LEGENDA DELLE ABBREVIAZIONI EXPLANATION OF ABBREVIATIONS

D	Diametro / Diameter
d	Foro / Bore
Codice Code	Codice articolo / Item code
H	Altezza totale / Overall height
	Lama con intagli stuccati / Sawblade with dampening
B	Spessore di taglio / Cutting thickness
L	Lunghezza / Length
I	Interasse / Wheelbase
B-B1	Spessore di taglio regolabile / Adjustable cutting thickness
FT-PH	Fori di trascinamento / Pin holes
Z	Numero di denti / Number of teeth
R	Raggio / Radius
S	Spessore / Thickness
b	Spessore corpo lama / Sawblade body thickness
CH-KN	Chiavette / Keyways

Grado di finitura - [Grade of finish](#)

Sufficiente / Sufficient	☒
Buono / Good	☒ ☒
Ottimo / Excellent	☒ ☒ ☒

INTERNATIONAL SAWS, QUALITY AND INNOVATION

International Saw s.r.l., is an Italian company specialized in the distribution of Circular Saws, Hard Metal and tools to making wood, plastic and aluminium products. International Saws guarantees the possibility to improve the grade of hardness in correspondence to the kind of work with the tool has been designed.

40 YEARS OF HISTORY FOR NEW PROJECTS.

International Saws is a recognized brand in the market with 40 years of history. From 2015 it's working to achieve new important goals in national and international markets.

The new company, founded and led by Franco Ferretti and Giorgio Lamolinara, is based in Pontedera (PI). With its operating branch in Mosciano S. Angelo (TE) International Saws gives an excellent logistic service in several countries.

TRADITION AND INNOVATION

International Saws means tradition and innovation for the customer. Tradition is ensured with high performance products with the best quality price ratio.

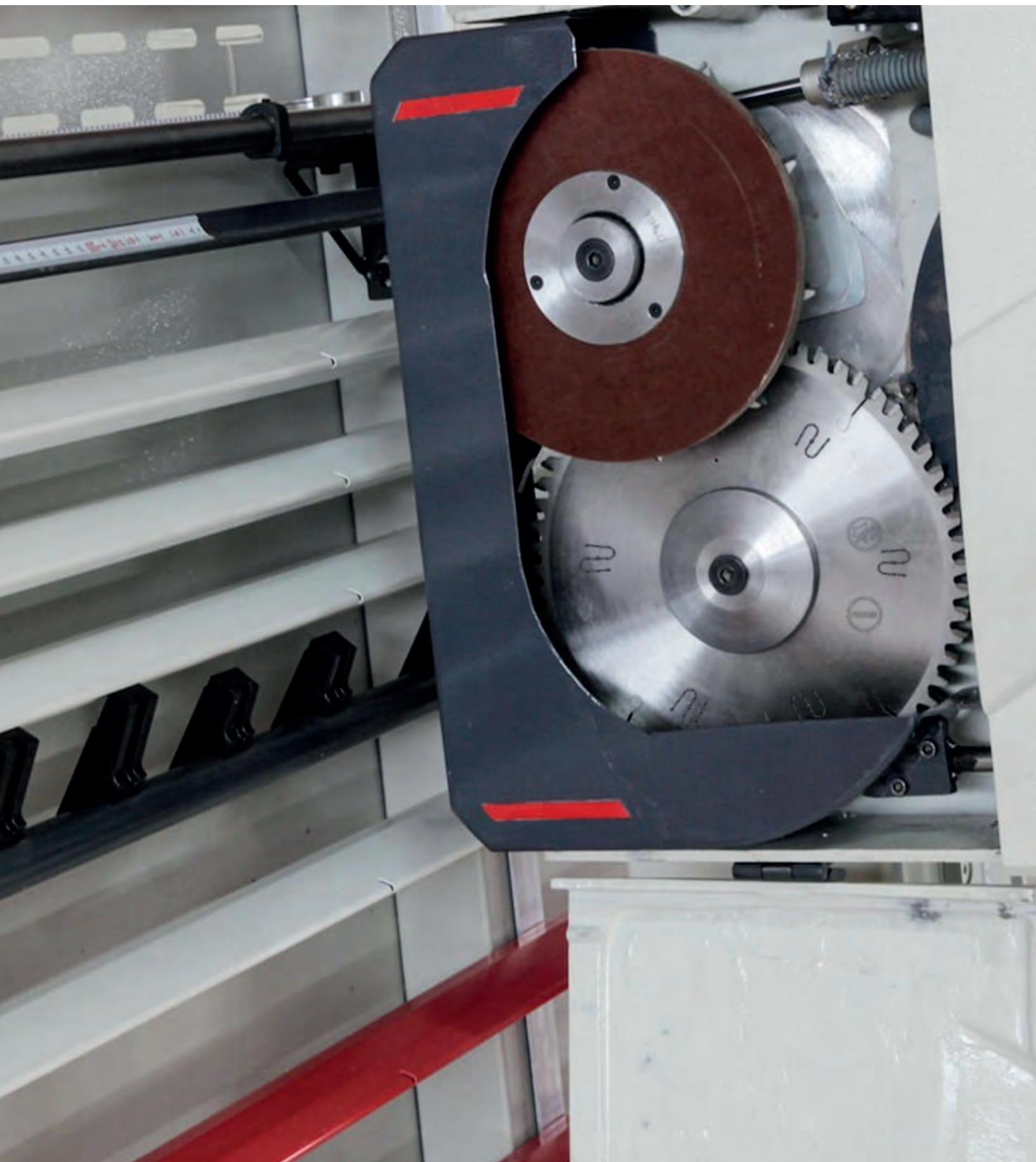
Innovation means:

- improving the coating treatment to get a long life of the sawblades
- low noise sawblades
- technical solution to meet the new customer needs

MORE EFFICIENT CUSTOMER SERVICE.

International Saws has a continuous relationship with the market thanks to the new customer service. On the website **www.internationalsaws.it** the customer can find the last updating about products and solutions.

PERCHÈ UNA LAMA INTERNATIONAL SAWS È SUPERIORE
WHY INTERNATIONAL SAWS SAWBLADES ARE SUPERIOR



STANDARD SAWBLADE

Using the best technology and finest materials, we are able to manufacture sawblades with the following characteristics:

Precision laser cut plates with minimum tolerances.

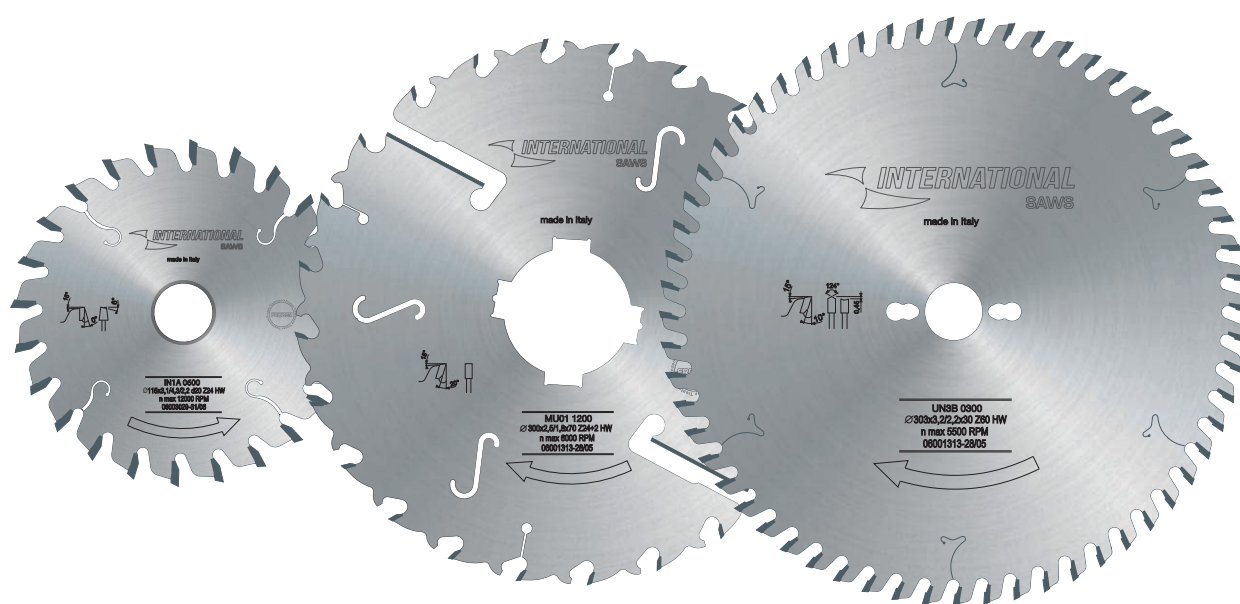
Premium quality plates hardened up to 45 Rockwell HRC.

Laser cut slots control the expansion of the blade caused by heat and centrifugal force.

Special carbide grade, formulated and produced in International Saws's factories, increases the life of the tips.

Advanced tri-metal brazing.

All the blades are balanced and tuned. The tuning ring can be seen on most International Saws blades as a faint ring line about 3/4 the diameter of the blade.

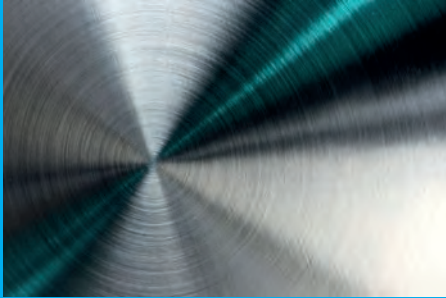


#1

INTERNATIONAL SAWS

VS

COMPETITORS

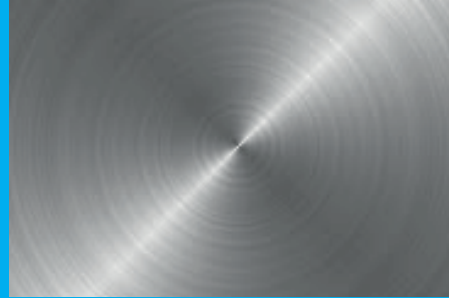


Acciaio prima scelta
- Durezza: 45 Hrc

Fornito sempre dallo stesso produttore, mantiene inalterata la sua qualità.

Premium steel
- Hardness: 45 Hrc

Supplied by the same steel plant, the quality remains the same.



Acciaio comune
- Durezza: 40-44 Hrc

Fornito da produttori diversi, la qualità non è sempre la stessa.

Average steel
- Hardness: 40-44 Hrc

Purchased by different suppliers, the quality is not always the same.

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Spacco espansione -
Bassa rumorosità

Gli intagli sulle nostre lame International Saws disperdono maggiormente le tensioni del corpo lama mentre lavora e la rendono più silenziosa.

Laser cut - Low noise

The International Saws design laser cuts dissipate blade stress over a greater area and reduce the noise level.



Altro tipo di spacco
- Forte rumorosità

Gli intagli praticati da altri produttori, provocano una forte rumorosità e sono soggetti a rotture.

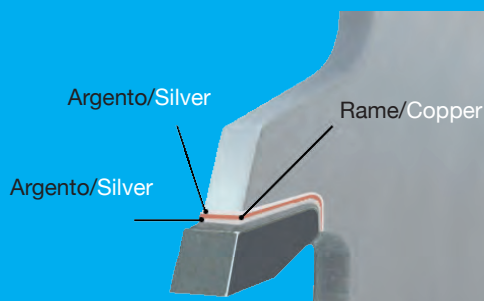
Die cut - High noise

Other designs are not as effective at reducing stress. High noise and the punching holes can lead to cracking.

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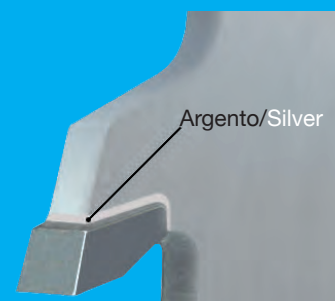


Brasatura tri-metallica
resistente agli urti

Permette ai taglienti di resistere ai forti urti che subisce la lama quando lavora, prolungando la durata dell'utensile.

Tri-metal shock
resistant brazing

It allows carbide tips to withstand extreme impact for maximum durability.



Brasatura del tagliente
con un'unica lega

Gli altri produttori utilizzano solamente lega d'argento, che permette il propagarsi degli urti su tutto l'utensile fino ad arrivare alla rottura del dente.

Single metal alloy
brazing

Other manufacturers use just silver alloy causing the joint to develop stresses leading to cracks in the carbide and failed joints.

SAWBLADE BODY

International Saws's blades are laser cut in order to maximize the precision of the blade's body itself.

- Our laser cutting technique allows us to cut very thin sawblades, impossible to obtain with other methods (i.e. die pressing, etc.).
- The blade's expansion slots are also laser cut. Under particularly tough conditions, the centrifugal forces and heat created by friction between the work piece and the blade's body make other blades dilate and ruin the quality of the cut. International Saws's specifically engineered expansion slots solve this problem.

The form and position of the expansion slots are designed to contain noise pollution levels caused by air turbulence created during the rotation of the blade's.

TUNING AND BALANCING

Correct tuning is fundamental to obtain top performance from a sawblade. It gives the blade stability and precision.

- To obtain this result, tuning parameters are studied based on the blades sizes and types of application.
- International Saws's blades are balanced one by one with automatic, precision devices that completely eliminate harmful vibrations.



#2

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Taglio laser

I corpi lama della International Saws, vengono tagliati esclusivamente con apparecchiature laser.

Laser cut

International Saws's blade bodies are exclusively cut by laser.



I limiti di altri metodi

Con metodi di produzione diversi (per es. stampaggio) è impossibile realizzare lame di spessore altrettanto sottile.

Limits of other methods

With other methods of production different to that of laser technology (i. e. pressing), it is possible to produce such a thin sawblade.

INTERNATIONAL SAWS

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Equilibratura

Le lame International Saws vengono individualmente e con attrezzature di precisione automatizzate.

Balancing

International Saws's blades are balanced one by one with automatic, precision devices that completely eliminate harmful vibrations.



Lama non equilibrata

Una lama non equilibrata presenta pesi diversi in diverse zone del suo corpo. Ciò provoca vibrazioni durante la rotazione dell'utensile.

Imperfectly balanced sawblades

A non balanced blade has different weights in various parts of its body. This provokes vibration during rotation.

INTERNATIONAL SAWS

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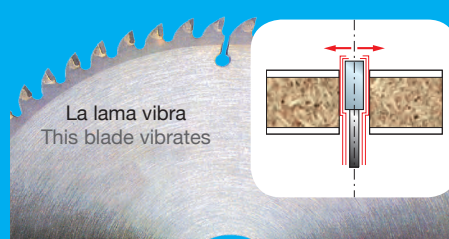


Anello di tensionatura

La tensionatura è costituita da un anello leggermente incavato di dimensioni pari a circa $\frac{2}{3}$ del diametro della lama e serve all'irrigidimento dell'utensile in rotazione.

Tuning ring

The tuning ring can be seen on most International Saws blades as a faint ring line about $\frac{2}{3}$ the diameter of the blade and renders the sawblade more rigid during rotation.



Lame senza anello di tensionatura

Una lama non tensionata non è stabile e quindi vibra producendo scheggiature sul materiale lavorato e sui taglienti.

Sawblades without tuning ring

A sawblade without tuning ring is not stable and therefore vibrates producing splintering on the workpiece and on the tips.

METALLO DURO

Il metallo duro, con cui è costruito il tagliente, è la parte più importante di un utensile.

- La International Saws, consapevole di questo, si è adoperata nella ricerca del HW più idoneo e disponibile sul mercato per garantire ai suoi utensili migliori prestazioni sul legno, derivati, alluminio, plastica e ferro.
- L'aggiunta di Carburo di Titanio alla miscela da sinterizzare ha aumentato la durata del tagliente e la sua resistenza alla corrosione chimica causata da resine, collanti e composti del legno.
- L'utilizzo di polveri a grana estremamente fine (micrograno) ha reso il metallo duro più compatto ed ha quindi diminuito la possibilità di abrasione del filo tagliente con conseguente miglioramento della qualità di taglio nonché della durata della lama.

CARBIDE

The carbide used to manufacture a blade's tips is the most important part of the tool.

- The International Saws, aware of this, has been working in the research of the most suitable HW and available on the market to ensure best performance tools on wood derivatives, aluminum, plastic and iron.
- For this reason, International Saws manufactures its own carbide. By adding titanium to our carbide, we have improved the life of the tips and reduced consequences from chemical attack from resins and glues contained in wood and wood products.
- The use of extremely fine powders (micrograin) allows us to obtain a very compact carbide, reducing abrasion of the cutting edge and therefore improving the quality of the cut and the life of the blade.

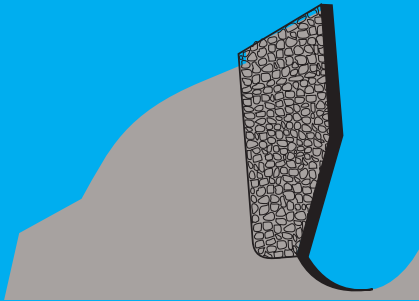
CARATTERISTICHE FEATURES	H10S	H00XA	H01K	H00XF	H00K	P01S
	Durezza - Vickers Hardness 1620 Tenacità - Transverse ropture 8,94 Densità - Density (gr/cm³) 14,35	Durezza - Vickers Hardness 2070 Tenacità - Transverse ropture 7,71 Densità - Density (gr/cm³) 14,73	Durezza - Vickers Hardness 1870 Tenacità - Transverse ropture 8,22 Densità - Density (gr/cm³) 14,36	Durezza - Vickers Hardness 2200 Tenacità - Transverse ropture 7,73 Densità - Density (gr/cm³) 14,63	Durezza - Vickers Hardness 1930 Tenacità - Transverse ropture 7,68 Densità - Density (gr/cm³) 14,71	Durezza - Vickers Hardness 1450 Tenacità - Transverse ropture 10,49 Densità - Density (gr/cm³) 12,06
	 Metalli non ferrosi Non-ferrous metal	 Truciolare Chipboard	 Legno duro Hard wood	 Impiallacciato Veeneered	 Impiallacciato Veeneered	 Angolari Angle iron
	 Metalli non ferrosi Non-ferrous metal	 Impiallacciato Veeneered	 Legno tenero Soft wood	 Bilaminato Bilaminate	 Bilaminato Bilaminate	 Profilati Section
	 Alluminio Aluminium	 Laminato Laminate	 Multistrato Plywood	 Materiali plastici Plastic materials	 Plexiglass Plexiglass	 Tubi sezione generica Tubing
						 Tubi sezione circolare Pipe
MU			☑			
UN1			☑		☑	
UN2					☑	
UN3	☑	☑		☑		
SEZ		☑				
UN1		☑			☑	
SH1					☑	
UN4					☑	
UN5	☑					
UN6						☑

#3

INTERNATIONAL SAWS

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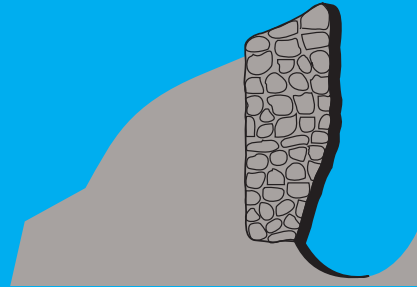


Metallo duro "micro-grano"

Il metallo duro utilizzato dalla International Saws, conferisce al tagliente la resistenza all'abrasione, essenziale per ottenere una buona e duratura qualità di taglio.

Micro-grain carbide

It increases a carbide's resistance to abrasion. The uniformity of the grit is essential to achieve the correct cutting qualities and long life characteristics.



Metallo duro normale

Le lame di altri produttori sono meno resistenti all'abrasione, quindi i taglienti si usurano presto e l'utensile dura di meno.

Normal grade carbide

The competitors blade being all the more exposed to abrasion will have an increasing wearing effect on the cutters therefore leading to a reduction of the duration of the blade itself.

INTERNATIONAL SAWS

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Il Metallo duro HW

L'HW utilizzato da International Saws è un composto metallico con proprietà di estrema durezza, resistenza all'usura e stabilità alle alte temperature. Si ottiene mescolando Carburi di Tungsteno, Titanio ed altri metalli sotto forma di polveri. Il composto viene pressato ad elevate pressioni e sinterizzato ad alte temperature.

HW carbide

International Saws's HW alloy metal contains properties of extreme hardness, wear-resistance and high temperature stability. It is obtained by mixing Tungsten carbide, Titanium and others metals under powdered form. The mixture is then pressed and sinterized at extreme temperature and pressure.



Metallo duro di altri produttori

Gli altri costruttori di utensili acquistano il metallo duro da vari produttori. Non sono quindi in grado di mantenere una qualità costante, né di modificare la "grana" dell'HW in base all'utilizzo e ai diversi legni da lavorare.

Other producers HW

Other producers of tools acquire their HW from various suppliers, therefore they are not capable of maintaining constant quality, nor changing the HW again with respect to the various wood to be worked.

SUPER SQUARE TOOTH

The particular shape of International Saws's tips assures two important and exclusive advantages:

- The tips thickness is 30% greater than standard tips and this allows a higher number of sharpenings.
- The tips lateral cutting edge is smaller therefore the tips have a lower propensity to follow the woods grain and therefore the cut is more precise.

SHARPENING

A perfect cutting edge and a precise sharpening guarantee the quality of the cut. Accuracy during production, tight tolerances the use of very fine grain grinding wheels and automatic machines, allows us to constantly assure a very high quality of all the blades we produce.

ANTI-KICKBACK DESIGN

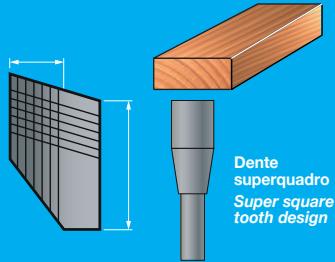
The anti-kick back design reduces the amount of wood each tooth takes away. The woodworker understands the dangers of kick back. The International Saws anti-kick back system effectively reduces this danger, whilst increasing the sawblades duration.

#4

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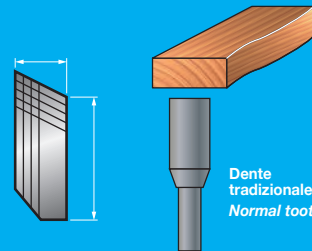


Dente superquadro

Il dente superquadro esegue tagli più precisi del dente tradizionale. Inoltre, grazie al maggior numero di affilature, dura molto di più.

Super square tooth design

The supersquare tooth cuts more precisely than a normal tooth and with a higher number of sharpenings, lasts longer.



Dente tradizionale

La maggior superficie di un dente tradizionale compromette la qualità del taglio, perché l'utensile tende a seguire la venatura del legno da lavorare.

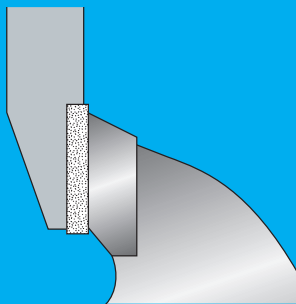
Normal tooth

The larger cutting surface of a traditional tooth compromises the cutting quality because the tool tends to follow the workpieces grain.

INTERNATIONAL SAWS

VS

COMPETITORS

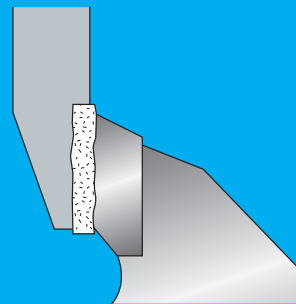


Affilatura perfetta

L'affilatura delle lame International Saws viene effettuata con mole con una grana talmente fine da ottenere tolleranze centesimali.

Perfect sharpening

Accuracy during production, strict tolerances and the use of very fine grain guarantee the excellence of our blades.



Affilatura grossolana

Mole con grana grossa non permettono un'affilatura altrettanto precisa: ne risente la qualità del taglio.

Large grain sharpening

Grinding wheels that use larger grain do not allow the same sharpening precision, therefore influencing the cutting quality.

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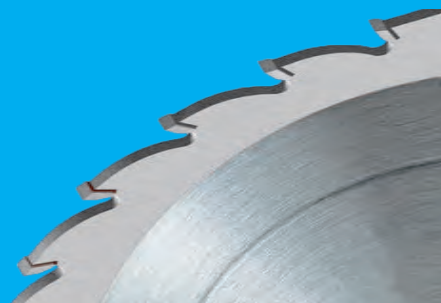


Design sicuro: limitatore di truciolo

Il limitatore di truciolo riduce la pericolosità data dal contraccolpo della lama in lavoro e la rende adatta al taglio di legno con nodi cascanti e truciolare di bassa qualità.

Safety feature: anti-kickback

New shoulder design for added safety, reduces dangerous kickbacks and make the sawblades good at cutting wood with loose knots, nails and poor quality chipboard.



Lame senza limitatore

Le lame circolari senza limitatore di truciolo non garantiscono la sicurezza all'utilizzatore e possono causare danni sia al pezzo lavorato che all'operatore.

No safety feature

Sawblades without anti-kickback system do not guarantee the safety of the user and may also damage the blade and the workpiece itself.

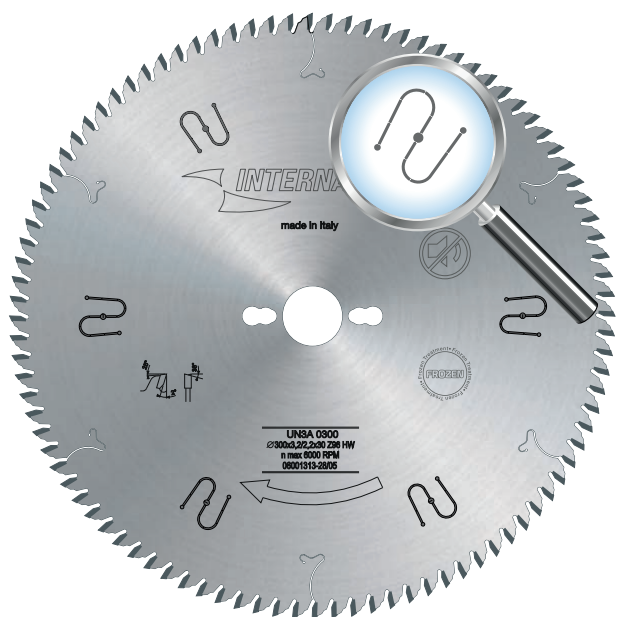
LOW NOISE SAWBLADES

The new process applied to the production of low noise sawblades requires an essential element when making a finished product capable to satisfy all needs of the user: the THERMAL-PLASTIC POLYURETHANE is a material which is injected in the slots specially cut on the sawblade's steel plate. Its elasticity and its noise absorbing features considerably reduce tool's vibrations when in use, thus achieving considerable advantages, as described hereafter.

ADVANTAGES

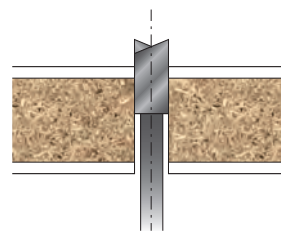
The advantages of these sawblades are:

- Longer lasting tips.
- Vibration free running.
- Higher level of finish.
- Fully comply with strict laws against noise pollution.

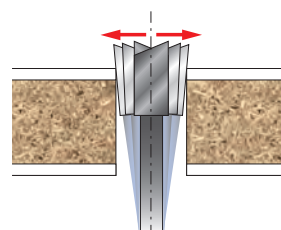


Low noise sawblades

The low noise sawblade has sound dampening slots filled with a special material in order to reduce vibration whilst in use.



Lama con nuovi intagli
Sawblade with new anti-vibration design



Lama con intagli standard
Sawblade with standard anti-vibration design

TIPI DI DENTATURE APPLICATE ALLE LAME TEETH SHAPE VARIETIES AS APPLIED TO SAWBLADES



Dente piano
Flat tooth



Legno tenero
Soft wood



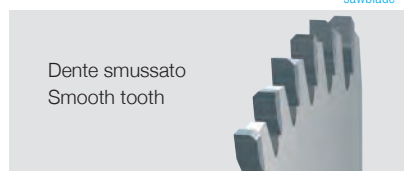
Legno duro
Hard wood



Taglio lungo vena
Ripping



Lame per multilame
Multi-rip sawblade



Dente smussato
Smooth tooth



Legno tenero
Soft wood



Legno duro
Hard wood



Truciolare
Chipboard



Multistrato
Plywood



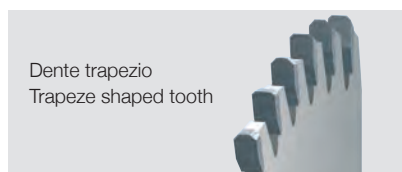
Taglio lungo vena
Ripping



Taglio trasverso vena
Cross cutting



Taglio composti in legno
Wood composites cutting



Dente trapezio
Trapeze shaped tooth



Tubi a sezione generica
Tubing



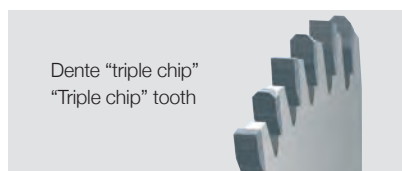
Profilati
Section



Tubi a sezione circolare
Pipe



Angolari
Angle iron



Dente "triple chip"
"Triple chip" tooth



Laminato
Laminated



Bilaminato
Bilaminated



Truciolare
Chipboard



MDF
MDF



Multistrato
Plywood



Cornice
Picture frame



Plexiglas
Plexiglas



Alluminio
Aluminium



Materiali plastici
Plastic materials



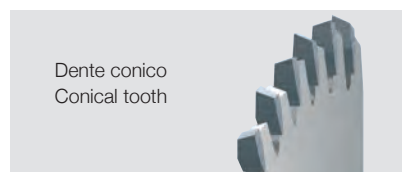
Metalli non ferrosi
Non-ferrous metals



Taglio composti in legno
Wood composites cutting



Taglio laminati
Laminates cutting



Dente conico
Conical tooth



Laminato
Laminated



Bilaminato
Bilaminated



Lama incisore
Scoring sawblade



Dente inclinato
Inclined tooth



Legno tenero
Soft wood



Legno duro
Hard wood



Laminato
Laminated



Bilaminato
Bilaminated



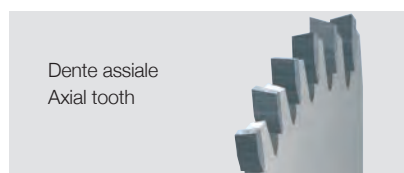
Multistrato
Plywood



Taglio trasverso vena
Cross cutting



Lama incisore
Scoring sawblade



Dente assiale
Axial tooth



Legno tenero
Soft wood



Legno duro
Hard wood



Cornice
Picture frame



Materiali plastici
Plastic materials



Plexiglass
Plexiglass



Taglio trasverso vena
Cross cutting



Taglio cornici
Picture frame cutting



Taglio plexiglass
Plexiglass cutting



Dente concavo
Concave tooth



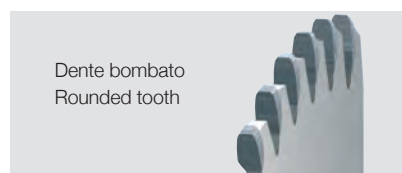
Laminato
Laminated



Bilaminato
Bilaminated



Taglio di laminati
Laminates cutting



Dente bombato
Rounded tooth



Legno tenero
Soft wood



Taglio lungo vena
Ripping



Dente alterno
Alternate top bevel tooth



Legno tenero
Soft wood



Legno duro
Hard wood



Truciolare
Chipboard



MDF
MDF



Multistrato
Plywood



Cornice
Picture frame



Taglio lungo vena
Ripping



Taglio trasverso vena
Cross cutting



Taglio cornici
Picture frame cutting

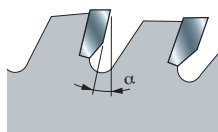


Taglio composti in legno
Wood composites cutting

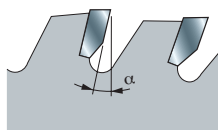


Lama per multilame
Multi-rip sawblade

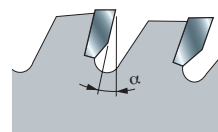
Angoli Mordenti - Hook Angles



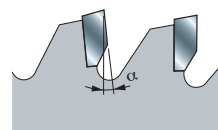
$$(\alpha) = 15^\circ \div 25^\circ$$



$$(\alpha) = 0^\circ \div 5^\circ$$



$$(\alpha) = 5^\circ \div 15^\circ$$



$$(\alpha) = 0^\circ \div -10^\circ$$



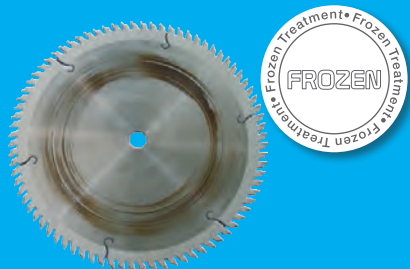


THE FROZEN TREATMENT

It is a HIGH-TECHNOLOGY and HIGH-PERFORMANCE ANTICORROSIVE coating, which is laid over the blades and is approximately 2-micron thick, including the cutting edge up to the depth of cut being provided for. This type of coating protects the body of the blade and prevents it from overheating and then warping while cutting, as these tools are not equipped with rakers. The high non-stick level of this coating allows maximum chip ejection and prevents the resin from building up mainly close to the tips (a disadvantage of all tools that are employed for these kinds of work). The tool keeps constantly clean and no maintenance intervention is required besides tip sharpening. Thanks to this coating, the tool undergoes reduced stresses while cutting, thus leading to a longer blade lifespan and an increased cutting life. Therefore, the best employment conditions allow making the most of the potentials of this tool, as the cutting life can be even four times longer than a conventional tool. Also consider that you can employ the tip up to total consumption. The employment of these tools also contributes towards reducing the power absorbed by the motor of the machine.

#5

INTERNATIONAL SAWS VS COMPETITORS



Prova di sfregamento

Una lama trattata si contraddistingue, poiché abbassa la temperatura di circa 1/3, presentando sul corpo solo lievi tracce di annerimento dopo un impiego prolungato.

Friction test

A treated coated sawblade stands out because it lowers temperature by about one third, thus showing on the plate only minor traces of blackening - after a sustained use.



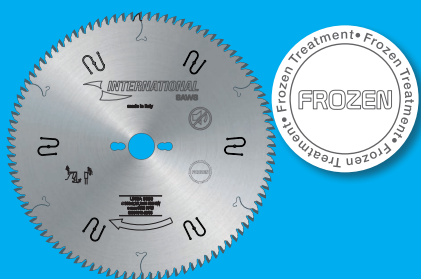
Prova di sfregamento

A pari condizioni, alcune zone del corpo della lama senza rivestimento si surriscaldano in breve tempo, a causa della minore resistenza al calore.

Rubbing trial

A non coated sawblade possesses lower resistance towards heat, therefore provoking an almost instant overheating effect on certain parts of the sawblades body.

INTERNATIONAL SAWS VS COMPETITORS



Non si arrugginisce

Lo speciale trattamento fa sì che la lama resista notevolmente all'umidità e quindi dalla corrosione (ruggine) di circa 5 volte rispetto allo standard.

Does not rust

Due to the special treatment shows a resistance to humidity and therefore to corrosion (rust) about 5 time greater than the standard product.



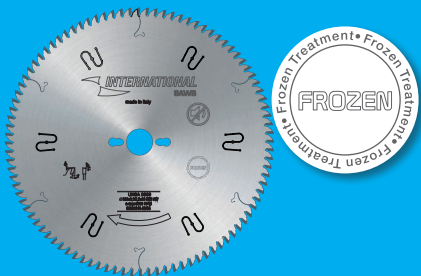
Sensibilità alle condizioni ambientali

Una lama senza rivestimento teme fortemente l'umidità, specialmente in prossimità dei denti e degli eventuali intagli presenti sul corpo.

Sensibility towards climatic conditions:

A non coated sawblade greatly fears humidity. Areas such as the teeth, dampening slots and other grooves and cuts on the sawblades body are at risk.

INTERNATIONAL SAWS VS COMPETITORS



Prova di antiaderenza

Il particolare rivestimento "Frozen treatment", per le sue proprietà antiaderenti, è l'ideale per il taglio di legni resinosi.

No stick-test

The special "Frozen treatment", thanks to its non stick features is ideal for cutting resinous woods.



Prova di antiaderenza

Una lama senza rivestimento è ricettiva al deposito delle resine rilasciate da alcuni tipi di legname.

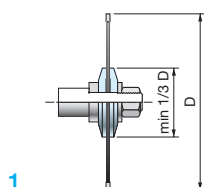
Non-stick trial

A non-coated sawblade is receptive to the depositing of resins released by certain types of wood.

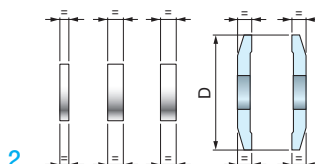
TIPS FOR A CORRECT USE OF A SAWBLADE

To obtain the best performance from a sawblade we suggest to follow these simple instructions:

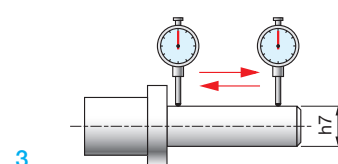
- The machine must be in good condition, free of vibrations.
- The flanges used to secure the blade must be of the same diameter, at least 1/3 of the blade's diameter (Fig. 1).
- The flanges must be parallel to each other. Also check tolerances on diameters, sides and concentricity, by using a clock gauge (Fig. 2).
- The spacers must be perfectly parallel (Fig. 2).
- The spindle must be perfectly straight and with an h7 tolerance (Fig. 3).
- After continuous use, remove the blade and clean it with the appropriate solvents making sure to get rid of built up resin. In any case, avoid using solvents containing caustic soda.
- The blades must be sharpened as soon as they become dull, maintaining the original tooth angles.
- For sharpening, always use the correct grinding wheels and plenty of cooling liquid.
- Maximum reboring of the blade is 20 mm of the original bore size. Above this value, the blade will lose its original tuning and overall performance will be affected (Fig. 4).
- Always keep spacers and flanges clean.
- When sharpening, the shoulder of the teeth must not be lowered more than needed. This operation must be done with appropriate precision machinery and never by hand. There is the risk of breaking the tip or upsetting the blade balance (Fig. 5-6).
- On ripping machines, the feeding track must be levelled with the fixed table.
- Before starting the cut of the material, make sure the blade is correctly locked according to the machine's specifications.



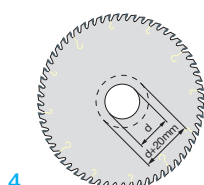
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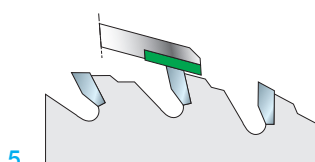
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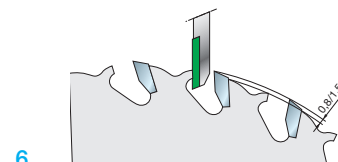
3



4



5



6

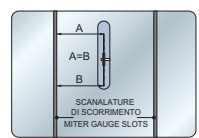
SAWBLADE ALIGNMENT ON A TABLE SAW

- If the sawblade and the saw are not correctly aligned to the table and the fence then there is the possibility that a serious accident may occur (for example, violent kickbacks) or that the workpiece may scorch or splinter. The first thing you must do is read the instruction sheet carefully. This is necessary so as you may acquire the understanding and comprehension of the corrections suggested in this section.
- Before carrying out the following instructions, make sure that the starter switch is off and that the machine is not connected to the socket.
- Mounting the sawblade onto the table: we advise you to use precise measuring instruments when mounting your sawblade. Mount the sawblade onto the arbor. Adjust the arbor to its maximum height. With the aid of the most precise measuring instrument at hand, verify that the sawblade is parallel to the miter gauge slots (Fig. 8). Adjust as needed. This step is necessary to obtain crosscuts with the maximum in quality finish and for setting up the fence for ripping.
- Positioning the fence for ripping:
after having positioned the sawblade so as it is parallel to the miter gauge slots, you may proceed with setting the fence. The fence should ideally be parallel to the sawblade. However since it is impossible to position the guide "exactly" it is necessary to leave a slight margin of clearance on the exit side of the cut so as to avoid the wood becoming wedged in between the fence and the sawblade. Adjust the fence so as when it is aligned to the miter gauge slots, there is a space of 0,1 mm (Fig. 9; for the correct adjustment, consult the machine's instruction manual).
- The maximum RPM of a circular sawblade varies in basis to the diameter of the blade itself (Table 1). If you exceed this limit, the sawblade will lose its characteristics, therefore influencing the cutting quality and the work life of the blade itself, not to mention the dangers implied to the user who may incur serious injury.
- The sawblade's projection (T) with respect to the workpiece must be at least equal to the height of the blade's tooth (Fig. 10). Increase or decrease the projection of the sawblade to improve the quality of the cutting finish.
- The number of teeth cutting (teeth cutting the wood simultaneously - Fig. 11) must be between 3 or 4. With less than three teeth cutting, the sawblade begins to vibrate leading to an uneven cut. If you want to cut workpieces with increased thicknesses (S - Fig. 13), but wish to maintain the same diameter sawblade, then use a blade with less teeth. If instead you want to cut workpieces with a reduced thickness, but also maintain the same diameter sawblade, then use a blade with more teeth.

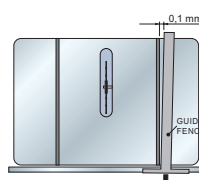
7



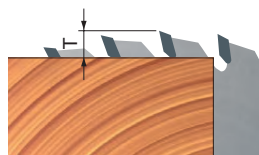
8



9



10



11



13



- To obtain the pitch (P) of a blade (the distance between teeth: Fig. 12 - See formula "a") multiply the thickness of the workpiece by 1,4142 and divide by 3 (if you want 3 teeth cutting) or by 4 (if you want 4 teeth cutting).
- Formula "b": to obtain the number of teeth (Z) of the sawblade, multiply the diameter (D) of the sawblade by 3,14 (π) and divide by the pitch of the sawblade - obtained from the previous formula. The shorter formula "c" allows you to obtain the nr. of the sawblade's teeth, knowing its diameter and the thickness of the workpiece.

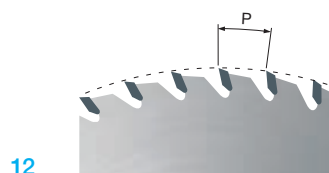
Legenda / Key

P =	passo / pitch
S =	spessore del materiale da lavorare / thickness of the workpiece
Z =	n. di denti della lama / nr. teeth of the sawblade
D =	diametro della lama / diameter of the sawblade

$$\begin{array}{ll} \text{a} & P = \frac{S \times 1,4142}{3} \\ \text{b} & Z = \frac{D \times 3,14}{P} \\ \text{c} & Z = \frac{D \times 8}{S} \end{array}$$

ATTENZIONE: taglio trasverso vena e di composti del legno non possono essere applicate per il taglio lungo vena.

ATTENTION: these formulas are valid for crosscutting and cutting other materials composed of (MDF, plywood, chipboard and Laminate panels) and cannot be applied for ripping.

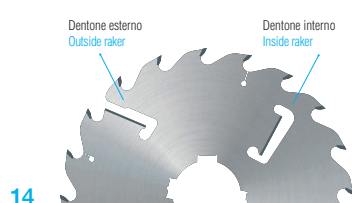


Tab. 1

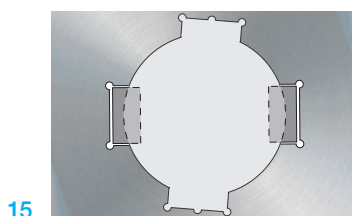
DIAMETRO LAMA SAWBLADE DIAMETER	MAX. N. GIRI MAXIMUM RPM
100 mm	23.000
125 mm	18.000
150 mm	14.500
180 mm	11.500
185 mm	11.000
200 mm	10.000
225 mm	8.500
250 mm	8.000
255 mm	7.800
280 mm	7.100
300 mm	6.500
320 mm	6.000
350 mm	5.500

DIAMETRO LAMA SAWBLADE DIAMETER	MAX. N. GIRI MAXIMUM RPM
380 mm	5.000
400 mm	4.700
430 mm	4.400
450 mm	4.200
500 mm	3.750
550 mm	3.400
600 mm	3.100
630 mm	2.950
650 mm	2.800
700 mm	2.600
730 mm	2.500
760 mm	2.400
800 mm	2.250

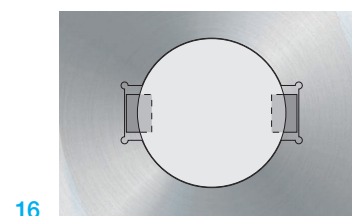
- Rakers (Fig. 14) are inserts in HW that are brazed onto sawblades exclusively for cutting wood. They help keep a distance between the sawblade body and the workpiece, in order to avoid friction and overheating which cause the blade to deform.
- On sawblades for multripping machines the anti kick-back device is advised in cases where wood has loose knots and discards cases insert themselves underneath the sawblade.
- The pairing of blade and arbor with keyways is excellent in all cases where the keyways are the same (Fig. 15) or smaller then the blade slots (Fig. 16).
- On machines with an arbor with 1 keyway, you can only mount blades with 1 keyway slot (Fig. 17); on machines with an arbor with 2 keyways, you can only mount blades with 2 or 4 keyway slots (Fig. 18).
- You cannot mount a sawblade with 2 keyways on an arbor with 1 keyway slot, because the pairing will not be balanced.
- In case multripping sawblades are used, it is recommendable to assembly them with alternate keyways (Fig. 19).
- Shoulder blade ensures correct distribution of lateral forces created by crooked planks in heavy duty use. The shoulder blade must be the first blade on the guide side of the multripping machine.
- Always use shoulder blade with the set of multripping blades (Fig. 20).
- On multripping sawblades, the thickness of the workpiece (S) varies second to the diameter of the blade ($\varnothing$) and the minimum diameter ($\varnothing 1$) of the rakers (the rakers position may vary from blade to blade - Fig. 21).



14



15



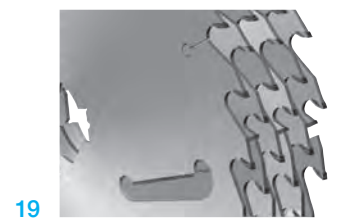
16



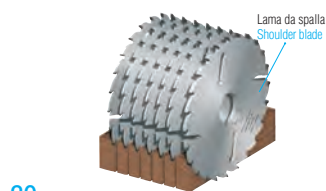
17



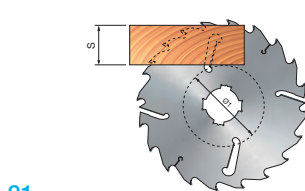
18



19



20



21

TAVOLA DI CALCOLO: DIAMETRO LAMA - VELOCITÀ PERIFERICA - MATERIALE DA LAVORARE
TECHNICAL TABLE: SAWBLADE DIAMETER - TIP SPEED - MATERIAL TO CUT

Velocità periferica in m/s consigliata per: Recommended tip speed (m/s) for:	Legno tenero Softwood	50-90 m/s	Legno esotico Exotic wood	50-85 m/s	Listellare Joinery wood	60-80 m/s	Laminato e bilaminato Laminate and bilaminate	40-60 m/s
	Legno duro Hardwood	50-80 m/s	Truciolare Chipboard	60-80 m/s	Medium density MDF	30-60 m/s		

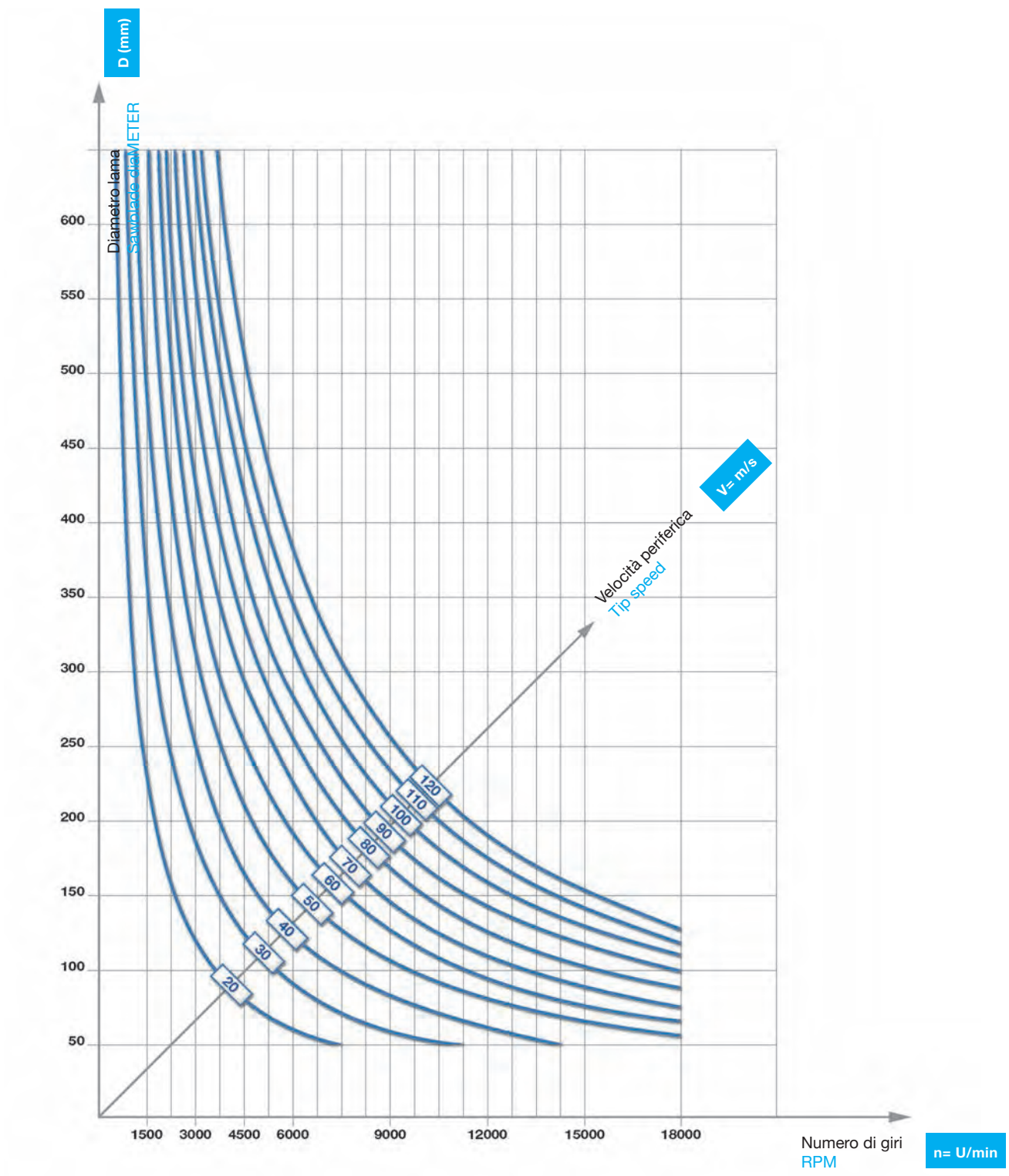
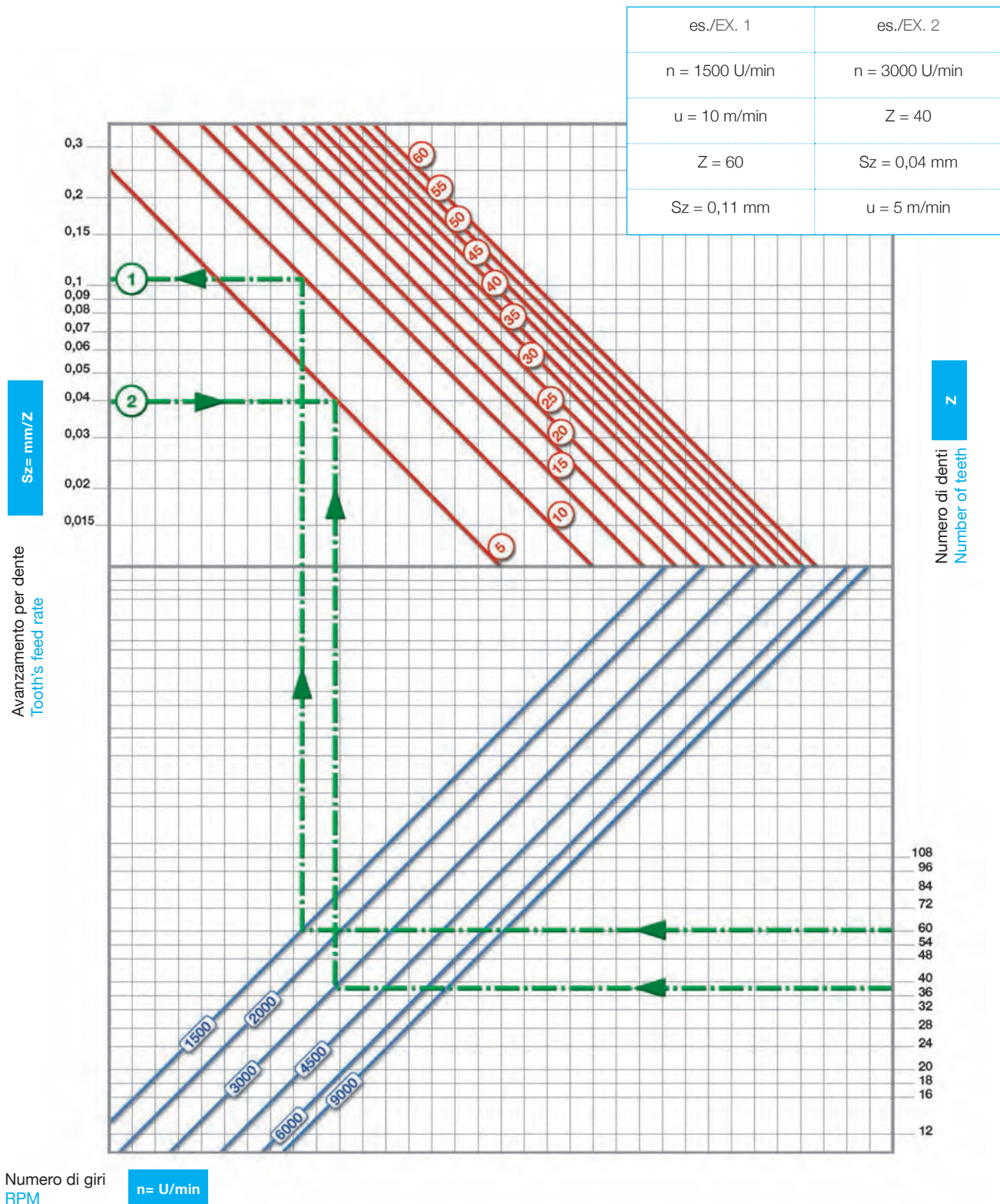


TAVOLA CALCOLO AVANZAMENTO PER DENTE, DEL PEZZO, NUMERO DI DENTI E GIRI PER LAME CIRCOLARI
TABLE TO OBTAIN THE CORRECT TOOTH'S FEED RATE, OF THE MATERIAL, THE NUMBER OF TEETH AND THE RPM

Valori ottimali di avanzamento del dente (Sz= mm/dente)	Legno tenero lungo vena Softwood with grain	0,20-0,30	Legno duro Hardwood	0,06-0,15	Multistrati Plywood	0,05-0,12	Alluminio e truciolari con rivestimento plastico	0,02-0,05
Recommended tooth's feed rate (Sz= mm/tooth)	Legno tenero trasverso vena Softwood cross grain	0,10-0,20	Truciolare Chipboard	0,10-0,25	Impiallacciato Laminate board	0,05-0,10	Aluminium and plastic Laminate chipboard	



LAME E MULTILAME
T.C.T. RIPPING SAWBLADES



Lame a spessore sottile con denti stabilizzatori / Thin kerf sawblades with rakers

MU01

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per tagli longitudinali. Lo spessore sottile consente di ridurre gli scarti del materiale. Si raccomanda l'utilizzo esclusivamente con tavolame non distorto. / Sawblades suitable for ripping where its thin body greatly reduces material wastes. Not suitable for twisted timber.



Legno tenero
lungo vena
Ripping of
softwoods



Legno duro
lungo vena
Ripping of
hardwoods



Macchine / Machines: Multilame mono e bialbero, scornciatrici / Multiripping machines, moulders

Caratteristiche / Features: Dentatura piana / Flat tooth

Materiale / Material: Legni teneri e duri essiccati con umidità max del 10-12% / Soft and hard wood dried at max 10-12% humidity rate.



Legno tenero
Soft wood

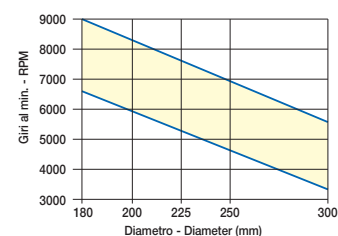
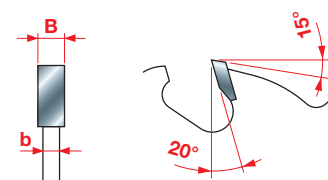


Legno duro
Hard wood

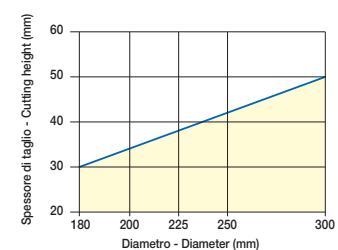


D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
180	2,2	1,6	40	16+2	2CH 12X5	MU01 0100
200	2,2	1,6	40	16+2	2CH 12X5	MU01 0200
200	2,2	1,6	60	16+2	2CH 10X4	MU01 0300
200	2,2	1,6	70	16+2	2CH 21X5	MU01 0400
225	2,2	1,6	70	16+2	4CH 21X5	MU01 0500
250	2,2	1,6	30	20+2	2CH 12X5	MU01 0600
250	2,2	1,6	60	20+2	4CH 21X5	MU01 0700
250	2,2	1,6	70	20+2	4CH 21X5	MU01 0800
250	2,2	1,6	80	20+2	13X5+21X5	MU01 0900
250	2,2	1,6	50	24+2	4CH 21X5	MU01 1400
250	2,2	1,6	60	24+2	4CH 21X5	MU01 1500
250	2,2	1,6	70	24+2	4CH 21X5	MU01 1600
300	2,5	1,8	30	24+2	2CH 10X4	MU01 1000
300	2,5	1,8	60	24+2	4CH 21X5	MU01 1100
300	2,5	1,8	70	24+2	4CH 21X5	MU01 1200
300	2,5	1,8	80	24+2	13X5+21X5	MU01 1300

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

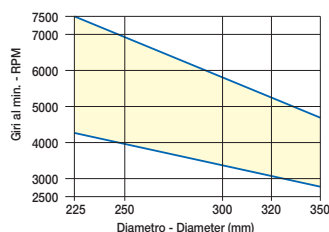
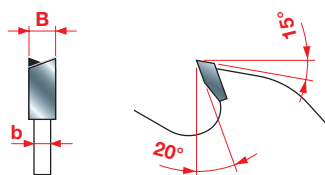


Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

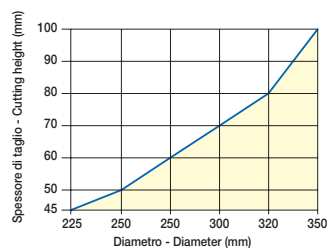
MU03

Lame a spessore ridotto con denti stabilizzatori / Reduced kerf sawblades with rakers

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

Impiego / Application: Lame per tagli longitudinali. Lo spessore sottile consente di ridurre gli scarti del materiale. La lama non è idonea per lavorare il pioppo. / Sawblades suitable for ripping where its thin body greatly reduces material wastes. Not suitable for cutting poplar.



Legno tenero
lungo vena
Ripping of
softwoods



Legno duro
lungo vena
Ripping of
hardwoods



Macchine / Machines: Multilame mono e bialbero / Multiripping machines

Caratteristiche / Features: Dentatura alterna a 10° / ATB 10° tooth

Materiale / Material: Legni teneri e duri essiccati con umidità max del 15% / Soft and hard wood dried at max 15% humidity rate.



Legno tenero
Soft wood



Legno duro
Hard wood

D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
225	2,5	1,8	70	16+2+2	4CH 21x5	MU03 0100
250	2,8	2,0	30	16+2+2	2CH 10x4	MU03 0200
250	2,8	2,0	60	16+2+2	4CH 21x5	MU03 0300
250	2,8	2,0	70	16+2+2	4CH 21x5	MU03 0400
250	2,8	2,0	80	16+2+2	13x5+21x5	MU03 0500
280	2,8	2,0	80	18+2+2	13x5+21x5	MU03 0600
300	2,8	2,0	30	20+2+2	2CH 10x4	MU03 0700
300	2,8	2,0	60	20+2+2	4CH 21x5	MU03 0800
300	2,8	2,0	70	20+2+2	4CH 21x5	MU03 0900
300	2,8	2,0	80	20+2+2	13x5+21x5	MU03 1000
320	3,0	2,2	30	20+2+2	2CH 10x4	MU03 1100
320	3,0	2,2	80	20+2+2	13x5+21x5	MU03 1200
350	3,0	2,2	30	24+2+2	2CH 10x4	MU03 1300
350	3,0	2,2	60	24+2+2	4CH 21x5	MU03 1400
350	3,0	2,2	70	24+2+2	4CH 21x5	MU03 1500
350	3,0	2,2	80	24+2+2	13x5+21x5	MU03 1600

Altre misure su richiesta - Special size on request

Lame a spessore normale con denti stabilizzatori / Ripping sawblades with rakers

MU04

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per tagli longitudinali. / Sawblades suitable for ripping.


Legno tenero
lungo vena
Ripping of
softwoods




Legno duro
lungo vena
Ripping of
hardwoods



Macchine / Machines: Multilame mono e bialbero / Multiripping machines

Caratteristiche / Features: Dentatura alterna a 10° / ATB 10° tooth

Materiale / Material: Legni teneri e duri essiccati con umidità max del 15% / Soft and hard wood dried at max 15% humidity rate.



Legno tenero
Soft wood

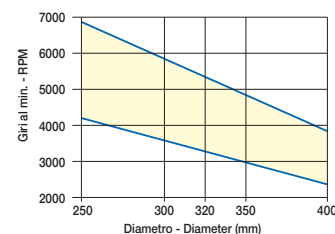
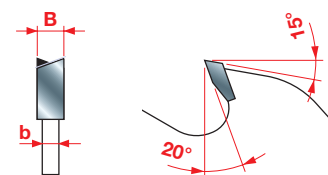


Legno duro
Hard wood

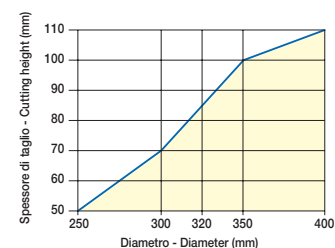


D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
250	3,2	2,2	30	20+2+2	2CH 10x4	MU04 0100
250	3,2	2,2	60	20+2+2	4CH 21x5	MU04 0200
250	3,2	2,2	70	20+2+2	4CH 21x5	MU04 0300
250	3,2	2,2	80	20+2+2	13x5+21x5	MU04 0400
300	3,2	2,2	30	24+2+2	2CH 10x4	MU04 0500
300	3,2	2,2	60	24+2+2	4CH 21x5	MU04 0600
300	3,2	2,2	70	24+2+2	4CH 21x5	MU04 0700
300	3,2	2,2	80	24+2+2	13x5+21x5	MU04 0800
320	3,2	2,2	30	24+2+2	2CH 10x4	MU04 0900
320	3,2	2,2	80	24+2+2	13x5+21x5	MU04 1000
350	3,5	2,5	30	28+2+4	2CH 10x4	MU04 1100
350	3,5	2,5	60	28+2+4	4CH 21x5	MU04 1200
350	3,5	2,5	70	28+2+4	4CH 21x5	MU04 1300
350	3,5	2,5	80	28+2+4	13x5+21x5	MU04 1400
350	3,5	2,5	90	28+2+4	4CH 21x5	MU04 2200
400	4	2,8	30	28+2+4	2CH 10x4	MU04 1500
400	4	2,8	70	28+2+4	4CH 21x5	MU04 1600
400	4	2,8	80	28+2+4	13x5+21x5	MU04 1700

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

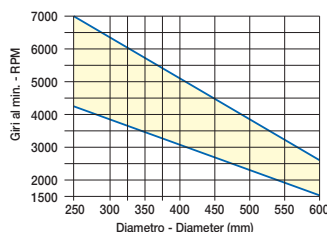
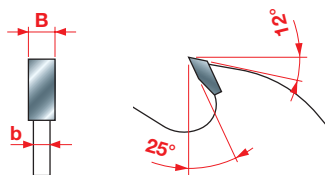


Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

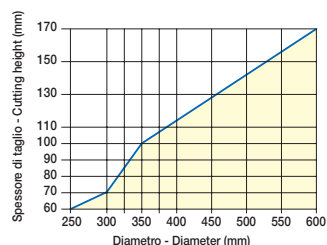
MU05

Lame a spessore normale con denti stabilizzatori / Ripping sawblades with rakers

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter..

Impiego / Application: Lame per tagli longitudinali di legni con elevato spessore. Indicata in particolar modo nelle segherie per il taglio di legni umidi oltre il 10%. / Sawblades for ripping of extra thickness timber. Particularly suitable in sawmills for cutting wood with humidity rate over 10%.



Legno tenero
lungo vena
Ripping of
softwoods



Legno duro
lungo vena
Ripping of
hardwoods



Macchine / Machines: Multilame mono e bialbero. / Multiripping machines.

Caratteristiche / Features: Dentatura piana. / Flat tooth

Materiale / Material: Legni teneri e duri umidi e a fibra lunga. / Soft and hard wood and long fibre wood.



Legno tenero
Soft wood



Legno duro
Hard wood

D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
250	3,4	2,2	30	16+2+2	2CH 10x4	MU05 0100
250	3,4	2,2	60	16+2+2	4CH 21x5	MU05 0200
250	3,4	2,2	70	16+2+2	4CH 21x5	MU05 0300
250	3,4	2,2	80	16+2+2	13x5+21x5	MU05 0400
300	3,4	2,2	30	20+2+2	2CH 10x4	MU05 0500
300	3,4	2,2	60	20+2+2	4CH 21x5	MU05 0600
300	3,4	2,2	70	20+2+2	4CH 21x5	MU05 0700
300	3,4	2,2	80	20+2+2	13x5+21x5	MU05 0800
320	3,4	2,2	30	20+2+2	2CH 10x4	MU05 0900
320	3,4	2,2	80	20+2+2	13x5+21x5	MU05 1000
350	3,7	2,5	30	20+2+4	2CH 10x4	MU05 1100
350	3,7	2,5	50	20+2+4	2CH 10x4	MU05 1200
350	3,7	2,5	60	20+2+4	4CH 21x5	MU05 1300
350	3,7	2,5	70	20+2+4	4CH 21x5	MU05 1400
350	3,7	2,5	80	20+2+4	13x5+21x5	MU05 1500
350	3,7	2,5	90	20+2+4	4CH 21x5	MU05 4100
380	4,0	2,8	30	20+2+4	2CH 12x5	MU05 1600
380	4,0	2,8	70	20+2+4	4CH 21x5	MU05 1700
380	4,0	2,8	80	20+2+4	13x5+21x5	MU05 1800
400	4,0	2,8	30	24+2+4	2CH 10x4	MU05 1900
400	4,0	2,8	50	24+2+4	2CH 10x4	MU05 2000
400	4,0	2,8	70	24+2+4	4CH 21x5	MU05 2100
400	4,0	2,8	80	24+2+4	13x5+21x5	MU05 2200
450	4,4	3,0	30	24+2+4	2CH 10x4	MU05 2400
450	4,4	3,0	50	24+2+4	2CH 10x4	MU05 2500
450	4,4	3,0	70	24+2+4	4CH 21x5	MU05 2600
450	4,4	3,0	80	24+2+4	13x5+21x5	MU05 2700
500	4,8	3,5	30	28+2+4	2CH 10x4	MU05 2900
500	4,8	3,5	50	28+2+4	2CH 10x4	MU05 3000
500	4,8	3,5	70	28+2+4	4CH 21x5	MU05 3100
500	4,8	3,5	80	28+2+4	13x5+21x5	MU05 3200
550	4,8	3,5	30	28+2+4	2CH 10x4	MU05 3400
550	4,8	3,5	50	28+2+4	2CH 10x4	MU05 3500
550	4,8	3,5	70	28+2+4	4CH 21x5	MU05 3600
550	4,8	3,5	80	28+2+4	13x5+21x5	MU05 3700
600	5,2	3,5	80	32+2+4	4CH 21x5	MU05 3900

Altre misure su richiesta - Special size on request

Lame a spessore maggiorato con denti stabilizzatori/ Ripping sawblades with rakers

MU06

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per tagli longitudinali di legni con altezza di taglio maggiorato. Indicata in particolar modo nelle segherie per il taglio di legni umidi e molto resinosi / Sawblades for ripping of extra thickness timber. Most suitably employed in sawmills when cutting wet wood and with a high resin content.



Legno tenero
lungo vena
Ripping of
softwoods



Legno duro
lungo vena
Ripping of
hardwoods



Macchine / Machines: Multilame mono e bialbero. / Multiripping machines.

Caratteristiche / Features: Dentatura piana. / Flat tooth

Materiale / Material: Legni teneri e a fibra lunga. / Soft wood and long fibre wood.



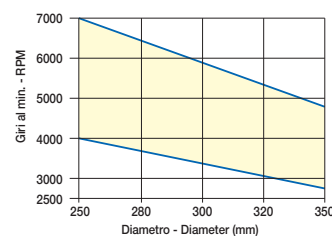
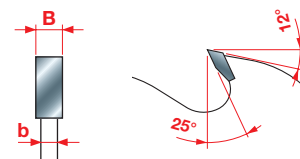
Legno tenero
Soft wood



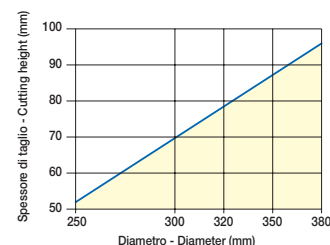
Legno duro
Hard wood

D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
250	4,2	3,0	30	16+2+2	2CH 10x4	MU06 0100
250	4,2	3,0	60	16+2+2	4CH 21x5	MU06 0200
250	4,2	3,0	70	16+2+2	4CH 21x5	MU06 0300
250	4,2	3,0	80	16+2+2	13x5+21x5	MU06 0400
300	3,5	2,5	70	20+2+2	4CH 21x5	MU06 1500
300	3,5	2,5	80	20+2+2	13x5+21x5	MU06 1600
300	4,2	3,0	30	20+2+2	2CH 10x4	MU06 0500
300	4,2	3,0	60	20+2+2	4CH 21x5	MU06 0600
300	4,2	3,0	70	20+2+2	4CH 21x5	MU06 0700
300	4,2	3,0	80	20+2+2	13x5+21x5	MU06 0800
320	4,2	3,0	30	20+2+2	2CH 10x4	MU06 0900
320	4,2	3,0	70	20+2+2	4CH 21x5	MU06 1900
320	4,2	3,0	80	20+2+2	13x5+21x5	MU06 1000
350	4,2	3,0	30	20+2+4	2CH 10x4	MU06 1100
350	4,2	3,0	50	20+2+4	2CH 10x4	MU06 1800
350	4,2	3,0	60	20+2+4	4CH 21x5	MU06 1200
350	4,2	3,0	70	20+2+4	4CH 21x5	MU06 1300
350	4,2	3,0	80	20+2+4	13x5+21x5	MU06 1400

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

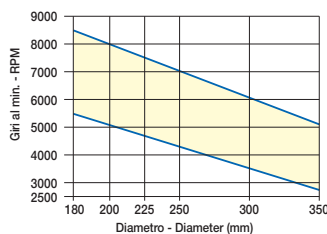
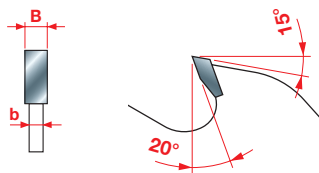


Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

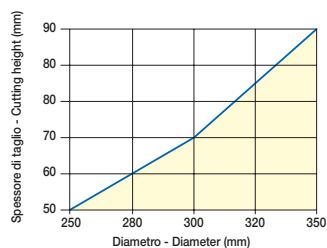
MU07

Lame a grosso spessore con denti stabilizzatori (lama di spalla) / Shoulder thick kerf sawblades with rakers

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36



Fascia del NUMERO DI giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

Impiego / Application: Lame per tagli longitudinali. Montate sui lati, in pacco con le lame di sezionatura, per la refilatura e per i tagli perimetrali. / Sawblades for ripping. Essential for ensuring correct distribution of lateral forces created by crooked plank in heavy duty use. Use as a shoulder sawblade on multirip machines..



Legno tenero
lungo vena
Ripping of
softwoods



Legno duro
lungo vena
Ripping of
hardwoods



Macchine / Machines: Multilame mono e bialbero / Multiripping machines

Caratteristiche / Features: Dentatura piana. / Flat tooth.

Materiale / Material: Legni teneri e duri umidi o essiccati. / Soft and hard wood.



Legno tenero
Soft wood



Legno duro
Hard wood

D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
250	5,5	3,5	30	16+2+2	2CH 10x4	MU07 0100
250	5,5	3,5	60	16+2+2	2CH 21x5	MU07 0200
250	5,5	3,5	70	16+2+2	2CH 21x5	MU07 0300
250	5,5	3,5	80	16+2+2	13x5+21x5	MU07 0400
300	5,5	3,5	30	20+2+2	2CH 10x4	MU07 0500
300	5,5	3,5	60	20+2+2	2CH 21x5	MU07 0600
300	5,5	3,5	70	20+2+2	2CH 21x5	MU07 0700
300	5,5	3,5	80	20+2+2	13x5+21x5	MU07 0800
320	5,5	3,5	30	20+2+2	2CH 10x4	MU07 0900
320	5,5	3,5	80	20+2+2	13x5+21x5	MU07 1000
350	5,5	3,5	30	24+2+4	2CH 10x4	MU07 1100
350	5,5	3,5	60	24+2+4	2CH 21x5	MU07 1200
350	5,5	3,5	70	24+2+4	2CH 21x5	MU07 1300
350	5,5	3,5	80	24+2+4	13x5+21x5	MU07 1400

Altre misure su richiesta - Special size on request

Lame a spessore ultrasottile / Ultra-thin kerf sawblades **MU08**

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

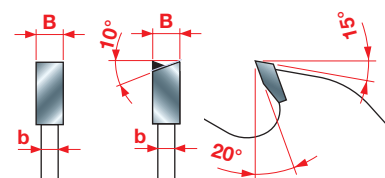
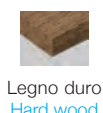
Impiego / Application: Lame per tagli longitudinali, particolarmente indicata nel caso in cui sia richiesto di ridurre al minimo gli scarti di materiale. **Non si esegue allargatura di fori e chiavette optional.** Si raccomanda una frequente pulizia del corpo lama dai depositi di resina. / Sawblades for ripping, mostly suited when wastes must be brought down to a minimum. **Reboring and keyways optional not available.** We recommend the sawblade be regularly cleaned in order to prevent the formation of resin deposits.



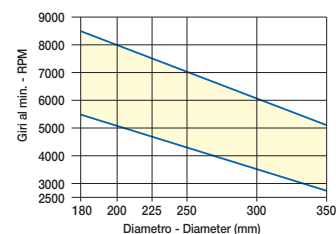
Macchine / Machines: Scorniciatrici, spaccatrici. / Moulders and cleaving machines.

Caratteristiche / Features: Dentatura piana (P) o alterna (ATB) a 15°. / Flat tooth (P) or ATB 15° tooth..

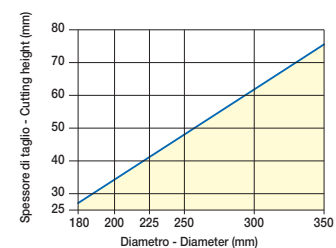
Materiale / Material: Legni pregiati teneri e duri essiccati con umidità max del 10%. / Good quality soft and hard wood dried at max 10% humidity rate.



D mm	B mm	b mm	d mm	Z	FT - CH PH-KN	Codice Code
180	1,5	1,0	40	24P	2CH 12x5	MU08 0100
180	1,5	1,0	60	24P	FT 3/10/75	MU08 0200
200	1,5	1,0	40	28P	2CH 12x5	MU08 0300
200	1,5	1,0	60	28P	FT 3/10/75	MU08 0400
200	1,5	1,0	60	36ATB	FT 3/10/75	MU08 0500
200	1,7	1,2	50	36ATB		MU08 0600
225	1,5	1,0	40	28P	2CH 12x5	MU08 0700
225	1,5	1,0	60	28P	FT 3/10/75	MU08 0800
225	1,5	1,0	70	28P	2CH 21x5	MU08 0900
225	1,5	1,0	40	36ATB	2CH 12x5	MU08 1000
225	1,5	1,0	60	36ATB	FT 3/10/75	MU08 1100
225	1,5	1,0	70	36ATB	2CH 21x5	MU08 1200
225	1,7	1,2	65	36ATB	FT 3/10/80	MU08 1300
250	1,7	1,2	40	24P	2CH 12x5	MU08 1400
250	1,7	1,2	60	24P	FT 3/10/75	MU08 1500
250	1,7	1,2	70	24P	2CH 21x5	MU08 1600
250	1,7	1,2	40	36ATB	2CH 12x5	MU08 1700
250	1,7	1,2	60	36ATB	FT 3/10/75	MU08 1800
250	1,7	1,2	70	36ATB	2CH 21x5	MU08 1900
250	2,2	1,6	50	30ATB	2CH 21x5	MU08 2500
250	2,2	1,6	60	30ATB	2CH 21x5	MU08 2600
250	2,2	1,6	70	30ATB	2CH 21x5	MU08 2700
280	2,2	1,6	60	36ATB	FT 3/10/75	MU08 2200
300	2,2	1,6	50	36ATB		MU08 2000
300	2,2	1,6	70	36ATB	2CH 21x5	MU08 2300
350	2,5	1,8	50	40ATB		MU08 2100



Fascia del NUMERO DI giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

LAME PER TAGLIO LEGNI MASSICCI
SAWBLADES FOR CUTTING SOLID WOOD

Lame per il taglio di legni massicci / Sawblades to cut solid wood

UN1C

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per taglio lungo vena / Sawblades suitable for ripping.



Legno tenero lungo vena
Ripping of softwoods



Legno duro lungo vena
Ripping of hardwoods



Macchine / Machines: Seghe da banco, multilame. / Table saws, multiripping machines.

Caratteristiche / Features: Dentatura alterna a 10° con angolo di taglio positivo. / ATB 10° tooth with positive cutting angle.

Materiale / Material: Legni teneri e duri massicci anche con nodi cascanti / Soft and hard solid wood, also with loose knots.



Legno tenero
Soft wood

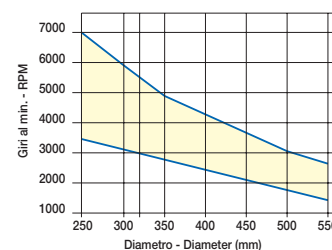
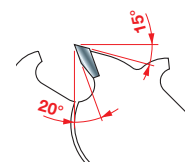
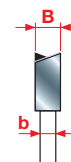


Legno duro
Hard wood

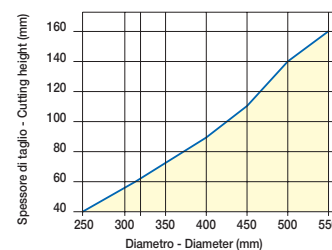
FT01= 2/7/42 + 2/9/46,4 + 2/10/60
FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT - CH PH-KN	Codice Code	
250	3,2	2,2	30	22	FT01	UN1C 0100	
250	3,2	2,2	70	22	2+2CH 21X5	UN1C 0200	
300	3,2	2,2	30	26	FT01	UN1C 0400	
300	3,2	2,2	35	26		UN1C 0500	
300	3,2	2,2	70	26	2+2CH 21X5	UN1C 0700	
315	3,2	2,2	30	28	FT01	UN1C 0800	
350	3,5	2,5	30	30	FT02	UN1C 1000	
350	3,5	2,5	35	30		UN1C 1100	
350	3,5	2,5	70	30	2+2CH 21X5	UN1C 1200	
400	4,0	2,8	30	34	FT02	UN1C 1300	
450	4,4	3,0	30	38	FT02	UN1C 1400	
500	4,4	3,2	30	42	FT02	UN1C 1500	
550	4,4	3,5	30	48	FT02	UN1C 1600	

Altre misure su richiesta - Special size on request



Fascia del NUMERO DI giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

UN1D

Lame per il taglio di legni massicci/
Sawblades to cut solid woods

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per taglio lungo vena. / Sawblades suitable for ripping



Legno tenero lungo vena
Ripping of softwoods



Legno duro lungo vena
Ripping of hardwoods



Macchine / Machines: Seghe da banco, multilame. / Table saws, multiripping machines.

Caratteristiche / Features: Dentatura alterna a 10° con angolo di taglio positivo. / ATB 10° tooth with positive cutting angle.

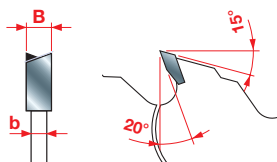
Materiale / Material: Legni massicci teneri, duri, esotici senza nodi cascanti. / Soft, hard and exotic solid wood without loose knots.



Legno tenero
Soft wood



Legno duro
Hard wood

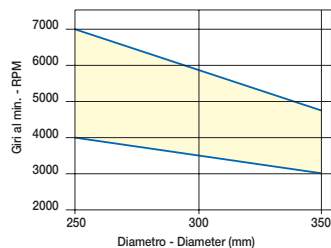


FT01= 2/7/42 + 2/9/46,4 + 2/10/60

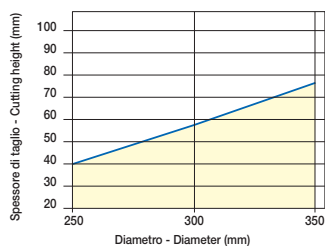
FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
250	3,2	2,2	30	24	FT01	UN1D 0100
250	3,2	2,2	70	24	2+2CH 21X5	UN1D 0200
300	3,2	2,2	30	28	FT01	UN1D 0500
300	3,2	2,2	60	28	2+2CH 21X5	UN1D 0600
300	3,2	2,2	70	28	2+2CH 21X5	UN1D 0800
350	3,5	2,5	30	32	FT02	UN1D 1100
350	3,5	2,5	70	32	2+2CH 21X5	UN1D 1000

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

Lame per il taglio di legni massicci - Sp. sottile / Sawblades to cut solid wood - Thin kerf

UN1H

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per taglio lungo e trasverso vena. Lo spessore di taglio ridotto facilita l'avanzamento del pezzo da lavorare. / Sawblades suitable for ripping and crosscutting. The reduced cutting height makes workpiece feeding easier.



Legno tenero
lungo e trasverso vena
Ripping and crossing of
softwoods



Legno duro
lungo e trasverso vena
Ripping and crossing of
hardwoods



Composti legno
Wood composites



Macchine / Machines: Seghe da banco, macchine portatili. / Table saws, portable machines.

Caratteristiche / Features: Dentatura alterna a 15° con angolo di taglio positivo / ATB 15° tooth with positive cutting angle.

Materiale / Material: Legni massicci pregiati teneri e duri. / Good quality, soft and hard solid wood.



Legno tenero
Soft wood

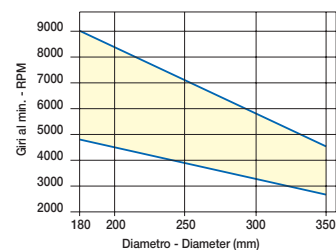
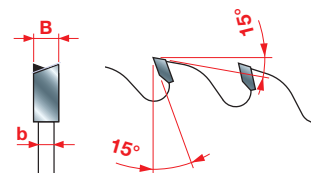
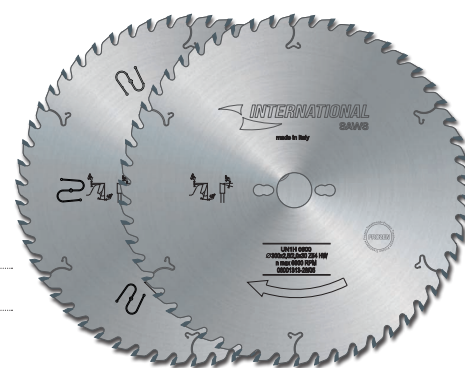


Legno duro
Hard wood

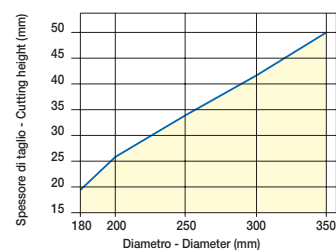
FT01= 2/7/42 + 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
180	1,5	1,0	30	40	2/7/42	UN1H 0100
185	1,5	1,0	25,4	40		UN1H 0200
200	1,5	1,0	30	40	2/7/42	UN1H 0300
200	1,5	1,0	30	60	2/7/42	UN1H 0400
205	1,5	1,0	25,4	40		UN1H 0500
205	1,5	1,0	25,4	60		UN1H 0600
250	2,5	1,6	30	48	FT01	UN1H 0700
250	2,5	1,6	30	60	FT01	UN1H 0800
250	2,8	2,0	30	30	2/10/60	UN1H 1500
250	2,8	2,0	30	40	2/10/60	UN1H 1600
300	2,8	2,0	30	36	FT01	UN1H 1400
300	2,8	2,0	30	54	FT01	UN1H 0900
300	2,8	2,0	35	54		UN1H 1000
300	2,8	2,0	30	72	FT01	UN1H 1100
350	3,0	2,2	30	60	FT01	UN1H 1200
350	3,0	2,2	30	84	FT01	UN1H 1300

Altre misure su richiesta - Special size on request



Fascia del NUMERO DI giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

UN1I

Lame per il taglio di cornici in legno massiccio / Sawblades to cut solid wood frames

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Lame per il taglio trasverso vena e senza scheggiature di cornici ed intestature di elementi già profilati, dove sia richiesto un perfetto assemblaggio degli elementi da accoppiare anche ricoperti con vernici, gesso ed altri materiali delicati e abrasivi. / Sawblades suitable for crosscutting. Without splintering frames and end trims of previously profiled items, where the items have to be coupled to perfectly match, even if they are covered with paint, chalk and other abrasive and fine materials.



Taglio cornici
Picture frame



Macchine / Machines: Troncatrici singole o doppie. / Single or double-head mitre saws.

Caratteristiche / Features: Dentatura alterna a 20° con angolo di taglio positivo. / ATB 20° tooth with positive cutting angle.

Materiale / Material: Legni teneri e duri. / Soft and hard wood.



Legno tenero
Soft wood



Legno duro
Hard wood

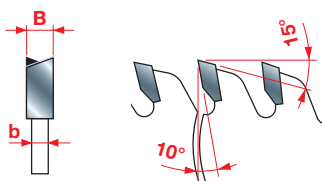


Cornice
Picture frame



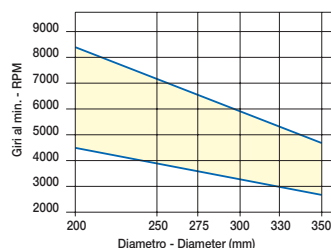
Cornice
Picture frame

FT02= 2/9/46,4 + 2/10/60



D mm	B mm	b mm	d mm	Z	CH KN	Codice Code
200	2,95	2,5	30	64	2/7/42	UN1I 0100
250	2,95	2,5	20	80	2/6/32	UN1I 0200
250	2,95	2,5	30	80	FT02	UN1I 0300
250	2,95	2,5	30	96	FT02	UN1I 0400
275	2,95	2,5	20	84	2/6/32	UN1I 0500
300	2,95	2,5	30	96	FT02	UN1I 0600
300	2,95	2,5	30	112	FT02	UN1I 0700
330	3,45	3,0	30	96	FT02	UN1I 0800
350	3,45	3,0	30	108	FT02	UN1I 0900

Altre misure su richiesta - Special size on request



Fascia del NUMERO DI giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

LAME PER PANNELLI IN LEGNO E COMPOSTI
SAWBLADES FOR WOODEN PANEL AND COMPOSITES

UN2A

Lame per il taglio di pannelli in legno e composti/
Sawblades for cutting wooden panels and composites

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per taglio lungo e trasverso vena. / Sawblades suitable for ripping and crosscutting.



Legno tenero lungo e
trasverso vena
Ripping/crossing of
softwoods



Legno duro lungo e
trasverso vena
Ripping/crossing of
hard woods



Composti legno
Wood composites



Macchine / Machines: Seghe circolari, macchine portatili / Circular saws, portable machines.

Caratteristiche / Features: Dentatura alterna a 10° con angolo di taglio positivo. / ATB 10° tooth with positive cutting angle.

Materiale / Material: Legni massicci teneri e duri, pannelli stratificati, truciolari grezzi. / Soft and hard solid wood, unprocessed chipboard and plywood.



Legno tenero
Soft wood



Legno duro
Hard wood



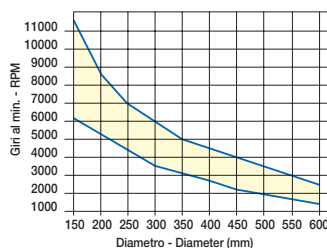
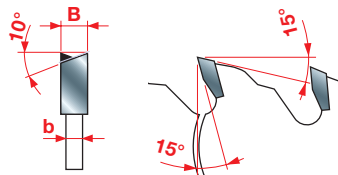
Truciolare
Chipboard



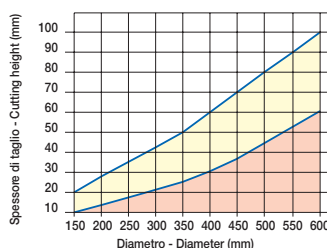
Multistrato
Plywood



FT01= 2/7/42 + 2/9/46,4 + 2/10/60
FT02= 2/9/46,4 + 2/10/60



Fascia del NUMERO DI giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

Legno massiccio
Solid wood

Materiali su base legno
Wood-base materials

D mm	B mm	b mm	d mm	Z	α	FT PH	Codice Code
150	3,2	2,2	30	24	10°	2/7/42	UN2A 0100
160	3,2	2,2	20	24	10°	2/6/32	UN2A 0300
180	3,2	2,2	30	30	10°	2/7/42	UN2A 0500
190	3,2	2,2	30	30	10°	2/7/42	UN2A 0600
200	3,2	2,2	30	34	10°	2/7/42	UN2A 0800
200	3,2	2,2	35	34	10°		UN2A 0900
210	3,2	2,2	30	34	10°	2/7/42	UN2A 1100
216	3,2	2,2	30	34	10°		UN2A 1200
220	3,2	2,2	30	34	10°	2/7/42	UN2A 1300
230	3,2	2,2	30	34	10°	2/7/42	UN2A 1500
250	3,2	2,2	30	40	10°	FT01	UN2A 1700
250	3,2	2,2	35	40	10°		UN2A 1800
300	3,2	2,2	30	48	10°	FT01	UN2A 2100
300	3,2	2,2	35	48	10°		UN2A 2200
300	3,2	2,2	35	48	10°		UN2A 2300
315	3,2	2,2	30	48	10°	FT01	UN2A 2400
350	3,5	2,5	30	54	10°	FT02	UN2A 2800
350	3,5	2,5	35	54	10°		UN2A 2900
350	3,5	2,5	35	54	10°		UN2A 3000
400	4,0	2,8	30	60	10°	FT02	UN2A 3300
400	4,0	2,8	35	60	10°		UN2A 3400
450	4,4	3,0	30	66	10°	FT02	UN2A 3600
500	4,4	3,2	30	72	10°	2/10/80	UN2A 3800
550	4,8	3,5	30	84	10°	2/10/80	UN2A 3900
600	5,4	4,0	30	96	10°	2/10/80	UN2A 4000

Altre misure su richiesta - Special size on request

Lame per il taglio di pannelli in legno e composti/ Sawblades for cutting wooden panels and composites

UN2A

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36

Impiego / Application: Lame per taglio lungo e trasverso vena. / Sawblades suitable for ripping and crosscutting.



Legno tenero lungo e
trasverso vena
Ripping/crossing of
softwoods



Legno duro lungo e
trasverso vena
Ripping/crossing of
hard woods



Composti legno
Wood composites



Macchine / Machines: Seghe circolari, macchine portatili / Circular saws, portable machines.

Caratteristiche / Features: Dentatura alterna a 15° con angolo di taglio positivo. / ATB 15° tooth with positive cutting angle.

Materiale / Material: Legni massicci teneri e duri, pannelli stratificati, truciolari grezzi. / Soft and hard solid wood, unprocessed chipboard and plywood.



Legno tenero
Soft wood



Legno duro
Hard wood



Truciolare
Chipboard

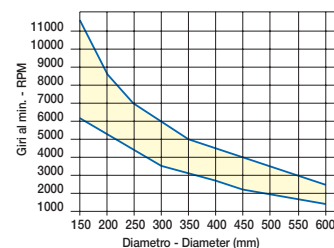
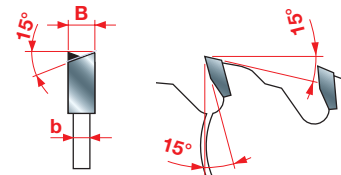
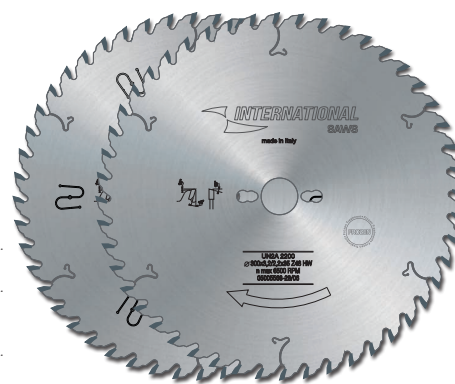


Multistrato
Plywood

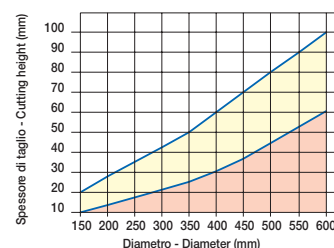
FT01= 2/7/42 + 2/9/46,4 + 2/10/60
FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	α	FT	Codice Code
160	3,2	2,2	20	18	15°	2/6/32	UN2A 0200
180	3,2	2,2	20	24	15°	2/6/32	UN2A 0400
200	3,2	2,2	30	24	15°	2/7/42	UN2A 0700
210	3,2	2,2	30	24	15°	2/7/42	UN2A 1000
230	3,2	2,2	30	24	15°	2/7/42	UN2A 1400
250	3,2	2,2	30	30	15°	FT01	UN2A 1600
300	3,2	2,2	30	36	15°	FT01	UN2A 1900
350	3,5	2,5	30	42	15°	FT02	UN2A 2500
350	3,5	2,5	35	42	15°		UN2A 2600
400	4,0	2,8	30	48	15°	2/10/60	UN2A 3100
450	4,4	3,0	30	54	15°	2/10/60	UN2A 3500
500	4,4	3,2	30	60	15°	2/10/80	UN2A 3700

Altre misure su richiesta - Special size on request



Fascia del NUMERO DI giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

Legno massiccio
Solid wood Materiali su base legno
Wood-base materials

UN2B

Lame per il taglio di pannelli in legno e composti /
Sawblades for cutting wooden panels and composites

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse rupture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Lame per taglio lungo e trasverso vena. / Sawblades suitable for ripping and crosscutting.



Lungo vena
Ripping



Traverso vena
Cross cutting



Composti legno
Wood composites



Taglio laminati
Laminates cutting



Macchine / Machines: Seghe circolari, macchine portatili. / Circular saws, portable machines.

Caratteristiche / Features: Dentatura alterna a 15° con angolo di taglio positivo. / ATB 15° tooth with positive cutting angle. Material: Soft, hard and exotic solid wood, unprocessed chipboard and plywood.

Materiale / Material: Legni massicci teneri, duri ed esotici, pannelli in legno stratificati, truciolari grezzi. / Soft and hard wood.



Legno tenero
Soft wood



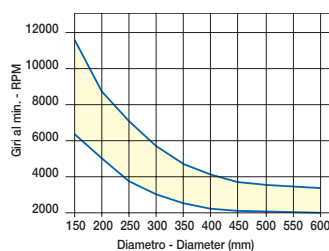
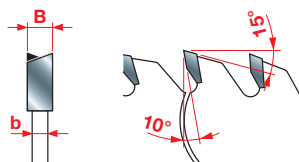
Legno duro
Hard wood



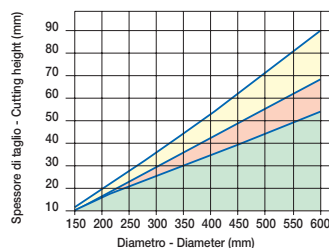
Truciolare
Chipboard



Multistrato
Plywood



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

Legno massiccio
Solid wood

Legno stratificato
Plywood

Materiale su base legno
Wood-base materials

FT01= 2/7/42 + 2/9/46,4 + 2/10/60

FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
150	3,2	2,2	30	36	2/7/42	UN2B 0100
180	3,2	2,2	30	42	2/7/42	UN2B 0200
200	3,2	2,2	30	48	2/7/42	UN2B 0300
216	3,2	2,2	30	48		UN2B 0400
250	3,2	2,2	30	48	FT01	UN2B 0500
250	3,2	2,2	30	60	FT01	UN2B 0600
250	3,2	2,2	30	60	FT01	UN2B 0700
250	3,2	2,2	35	60		UN2B 0800
300	3,2	2,2	30	60	FT01	UN2B 0900
300	3,2	2,2	30	72	FT01	UN2B 1100
300	3,2	2,2	35	72		UN2B 1200
315	3,2	2,2	30	72	FT01	UN2B 1300
350	3,5	2,5	30	72	FT02	UN2B 1400
350	3,5	2,5	30	84	FT02	UN2B 1600
350	3,5	2,5	35	84		UN2B 2400
400	4,0	2,8	30	96	2/10/60	UN2B 1900
450	4,4	3,0	30	96	2/10/60	UN2B 2000
500	4,4	3,2	30	108	2/10/80	UN2B 2100
550	4,8	3,5	30	120	2/10/80	UN2B 2200
600	5,4	4,0	30	132	2/10/80	UN2B 2300

Altre misure su richiesta - Special size on request

Lame per il taglio di pannelli in legno e composti / Sawblades for cutting wooden panels and composites

UN2C

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Lame per taglio trasverso vena. / Sawblades suitable for crosscutting.



Traverso vena
Cross cutting



Composti legno
Wood composites



Taglio laminati
Laminates cutting



Taglio materiali plastici
Plastic materials



Macchine / Machines: Seghe circolari, macchine portatili. / Circular saws, portable machines.

Caratteristiche / Features: Dentatura alterna a 15° con angolo di taglio positivo. / ATB 15° tooth with positive cutting angle.

Materiale / Material: Legni massicci teneri, duri, esotici, truciolari, termoplastici, MDF laminati su un solo lato. / Soft, hard and exotic solid wood, chipboard, thermoplastic-wood composites, MDF Laminate on one side.



Legno tenero
Soft wood



Legno duro
Hard wood



Truciolare
Chipboard



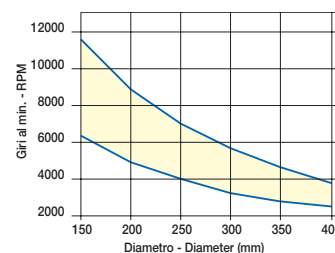
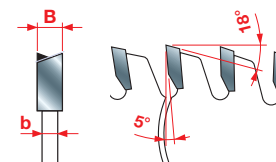
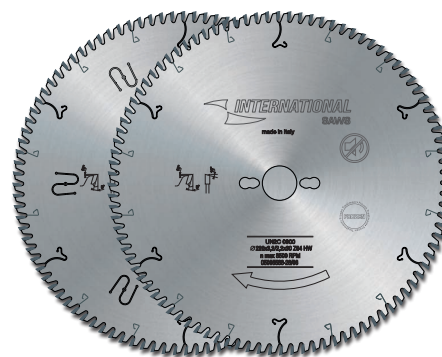
Multistrato
Plywood

FT01= 2/7/42 + 2/9/46,4 + 2/10/60

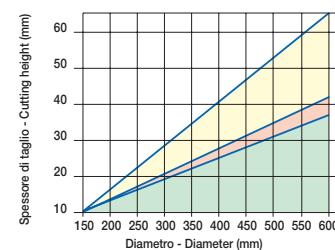
FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
150	3,2	2,2	30	48	2/7/42	UN2C 0100
160	3,2	2,2	20	48	2/6/32	UN2C 0200
180	3,2	2,2	20	56	2/6/32	UN2C 0300
180	3,2	2,2	30	56	2/7/42	UN2C 0400
190	3,2	2,2	30	56	2/7/42	UN2C 0500
200	3,2	2,2	30	64	2/7/42	UN2C 0600
210	3,2	2,2	30	64	2/7/42	UN2C 0700
216	3,2	2,2	30	64	2/7/42	UN2C 0800
220	3,2	2,2	30	64	2/7/42	UN2C 0900
230	3,2	2,2	30	64	2/7/42	UN2C 1000
250	3,2	2,2	30	80	FT01	UN2C 1100
250	3,2	2,2	30	80	FT01	UN2C 1200
250	3,2	2,2	30	100	FT01	UN2C 1300
300	3,2	2,2	30	96	FT01	UN2C 1500
300	3,2	2,2	35	96		UN2C 1600
300	3,2	2,2	30	120	FT01	UN2C 1700
315	3,2	2,2	30	96	FT01	UN2C 1502
330	3,2	2,2	20	96	2/6/32	UN2C 1800
350	3,5	2,5	30	108	FT02	UN2C 2000
400	3,8	2,8	30	120	2/10/60	UN2C 2100
450	4,4	3,0	30	132	FT02	UN2C 2200
500	4,4	3,2	30	144	2/10/80	UN2C 2300
550	4,8	3,5	30	156	2/10/80	UN2C 2400
600	5,4	4,0	30	168	2/10/80	UN2C 2500

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.

Legno massiccio
Solid wood

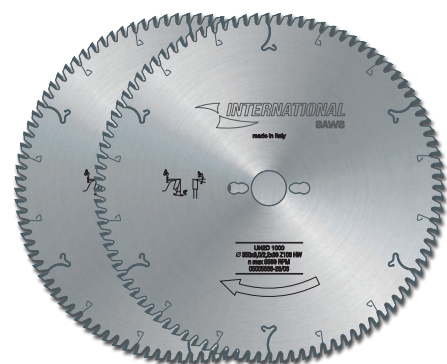
Legno stratificato
Plywood

Materiali su base legno
Wood-base materials

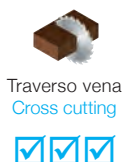
UN2D

Lame per il taglio di pannelli in legno e composti - spessore sottile /
Sawblades for cutting wooden panels and composites - thin kerf

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



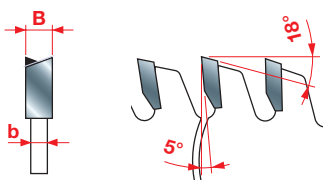
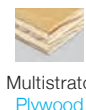
Impiego / Application: Lame per taglio trasverso vena. Lo spessore di taglio ridotto facilita l'avanzamento del pezzo da lavorare. / Sawblades suitable for crosscutting. The reduced cutting height makes workpiece feeding easier.



Macchine / Machines: Seghe circolari, macchine portatili / Circular saws, portable machines.

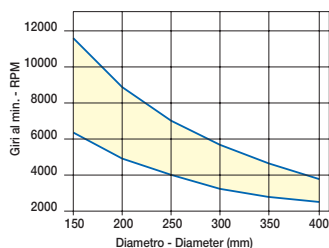
Caratteristiche / Features: Dentatura alterna a 15° con angolo di taglio positivo. / ATB 15° tooth with positive cutting angle.

Materiale / Material: Legni massicci teneri, duri, esotici, truciolare, termoplastici, MDF laminati su un solo lato. / Soft, hard and exotic solid wood, chipboard, thermoplastic-wood composites, MDF Laminate on one side.

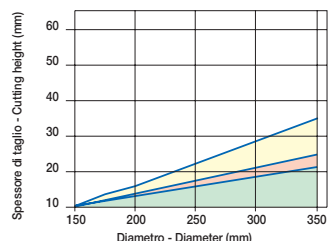


FT01= 2/7/42 + 2/9/46,4 + 2/10/60

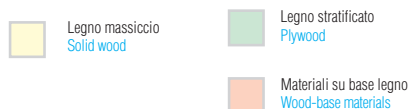
D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
150	2,0	1,4	30	48	2/7/42	UN2D 0100
180	2,0	1,4	30	56	2/7/42	UN2D 0200
180	2,0	1,4	40	56		UN2D 0300
200	2,2	1,6	30	64	2/7/42	UN2D 0400
250	2,5	1,8	20	80	2/6/32	UN2D 0500
250	2,5	1,8	30	80	FT01	UN2D 0700
300	2,7	1,8	30	96	FT01	UN2D 0900
350	3,0	2,2	30	108	FT01	UN2D 1000
350	3,0	2,2	30	108	FT01	UN2D 1100



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Altezza di taglio massima consentita in funzione del Ø della lama. / Maximum depth of cut based on the blade diameter.



Altre misure su richiesta - Special size on request

LAME PER PANNELLI LAMINATI E BILAMINATI
SAWBLADES FOR CUTTING BILAMINATE PANELS

UN3A

Lame per il taglio di pannelli bilaminati /
Sawblades to cut bilaminate panels

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35



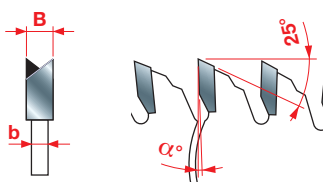
Impiego / Application: Per la sezionatura in singolo di pannelli bilaminati, con perfetta finitura su ambo i lati senza l'ausilio della lama incisore. / To size bilaminate panels, with perfect finishing on both sides without the employment of the scoring sawblade



Macchine / Machines: Seghe circolari, sezionatrici verticali. / Circular vertical saws, panel-sizing machines, portable machines.

Caratteristiche / Features: Dentatura alterna a 38°, con angolo di taglio variabile a seconda del diametro. / ATB 38° tooth, with variable cutting angle according to the diameter.

Materiale / Material: Pannelli bilaminati con rivestimenti particolarmente delicati, impiallacciati. / Bilaminate panels with extremely fine coatings, veneered panels.

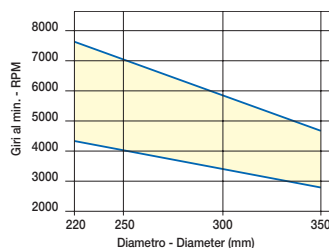


$$FT01 = 2/7/42 + 2/9/46,4 + 2/10/60$$

$$FT02 = 2/9/46,4 + 2/10/60$$

D mm	B mm	b mm	d mm	Z	α	FT PH	Codice Code	
220	3,2	2,2	30	64	-5°	2/7/42	UN3A 0100	
250	3,2	2,2	30	80	-2°	FT01	UN3A 0200	
300	3,2	2,2	30	96	2°	FT01	UN3A 0300	
350	3,5	2,5	30	108	5°	FT02	UN3A 0400	

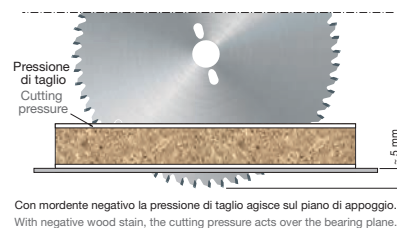
Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



Lavorazione con albero sotto il piano di lavoro
Working with spindle under the working plane



Lavorazione con albero sopra il piano di lavoro
Working with spindle over the working plane

Lame per il taglio di pannelli bilaminati / Sawblades to cut bilaminate panels **UN3B**

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73

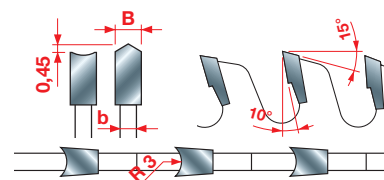
Impiego / Application: Per la sezionatura senza l'ausilio della lama incisore di pannelli bilaminati. Particolarmente indicata nella lavorazione di pannelli rivestiti in melaminico e di materiali plastici. / To size bilaminated panels without the employment of the scoring sawblade. In detail, it is suitable to work melamine-coated panels and plastic materials.



Macchine / Machines: Seghe circolari, sezionatrici orizzontali, sezionatrici verticali. / Circular saws, horizontal panel sizing machines, vertical panel sizing machines.

Caratteristiche / Features: Dente piano-trapezoidale con angolo di taglio negativo. / Flat-triple chip tooth with negative cutting angle.

Materiale / Material: Pannelli bilaminati, materiali plastici. / Bilaminated panels, plastic materials.



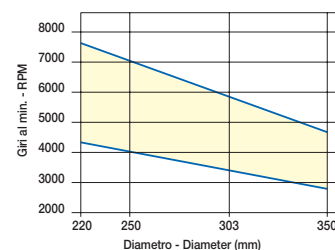
FT01= 2/7/42 + 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
220	3,2	2,2	30	42	2/7/42	UN3B 0100	
250	3,2	2,2	30	48	FT01	UN3B 0200	
303	3,2	2,2	30	60	FT01	UN3B 0300	
350	3,2	2,2	30	72	FT01	UN3B 0400	

Altre misure su richiesta - Special size on request



Lavorazione con albero sopra il piano di lavoro
Working with spindle over the working plane

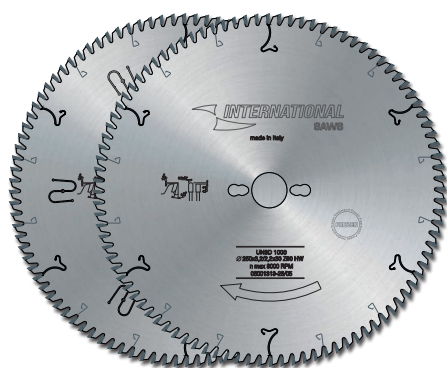


Fascia del numero di giri minimo e massimo consigliati in funzione del ϕ della lama. / Minimum and maximum RPM based on the blade diameter.

UN3D

Lame per il taglio di pannelli bilaminati /
Sawblades to cut bilaminate panels

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73



Impiego / Application: Per la sezionatura con l'ausilio della lama incisore di pannelli bilaminati, in particolare quelli rivestiti in melaminico, con buona finitura e lunga durata di taglio. / To size bilaminate panels with the employment of the scoring sawblade, in detail melamine-coated panels, with good finishing and long cutting life.



Composti legno
Wood composites



Taglio laminati
Laminates cutting



Macchine / Machines: Seghe circolari, sezionatrici orizzontali. / Circular saws, horizontal panel sizing machines.

Caratteristiche / Features: Dente piano-trapezoidale con angolo di taglio positivo. / Flat-triple chip tooth with positive cutting angle.

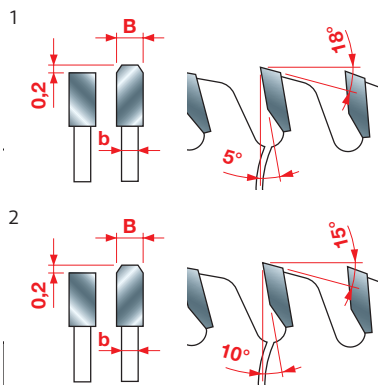
Materiale / Material: Pannelli bilaminati. / Bilaminate panels.



Bilaminato
Bilaminate



Impiallacciato
Veneered



FT01= 2/7/42 + 2/9/46,4 + 2/10/60

FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	α	FT PH	Code Code
200	3,2	2,2	30	64	5°	2/7/42	UN3D 0100
220	3,2	2,2	30	64	5°	2/7/42	UN3D 0200
250	3,2	2,2	30	80	5°	FT01	UN3D 0300
250	3,2	2,2	30	80	5°	FT01	UN3D 0400
300	3,2	2,2	30	96	5°	FT01	UN3D 0600
300	3,2	2,2	35	96	5°		UN3D 0700
350	3,5	2,5	30	108	5°	FT01	UN3D 0800
350	3,5	2,5	30	108	5°	FT02	UN3D 0900

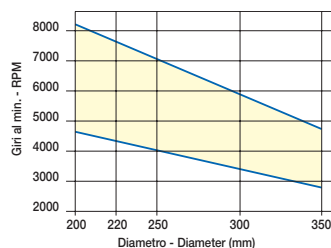
(Fig.1) Mordente 5° per spessori di taglio fino a 30 mm / (Fig.1) Hook angle 5° for cutting heights up to 30 mm

FT01= 2/7/42 + 2/9/46,4 + 2/10/60

FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	α	FT PH	Code Code
250	3,2	2,2	30	60	10°	FT01	UN3D 1100
300	3,2	2,2	30	72	10°	FT01	UN3D 1200
300	3,2	2,2	30	84	10°	FT01	UN3D 1300
300	3,2	2,2	30	96	10°	FT01	UN3D 1500
350	3,5	2,5	30	72	10°	FT02	UN3D 2000
350	3,5	2,5	30	108	10°	FT02	UN3D 1700

(Fig.2) Mordente 10° per spessori di taglio fino a 40 mm / (Fig.2) Hook angle 10° for cutting heights up to 40 mm



Fascia del numero di giri minimo e massimo consigliati in funzione del ø della lama. / Minimum and maximum RPM based on the blade diameter.

Altre misure su richiesta - Special size on request

Lame per il taglio di pannelli bilaminati / Sawblades to cut bilaminate panels

UN3E

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73

Impiego / Application: Per la sezionatura senza l'ausilio della lama incisore di pannelli bilaminati singoli o in pacco fino ad uno spessore di 40 mm. Particolarmente indicata nella lavorazione di pannelli rivestiti in melaminico. / To size bilaminate panels without the employment of the scoring sawblade, up to 40 mm thick. In detail, it is suitable to work melamine-coated panels.



Macchine / Machines: Seghe circolari, sezionatrici orizzontali, sezionatrici verticali. / Circular saws, horizontal panel sizing machines, vertical panel sizing machines.

Caratteristiche / Features: Dente piano-trapezoidale con angolo di taglio negativo. / Flat-triple chip tooth with negative cutting angle.

Materiale / Material: Pannelli bilaminati. / Bilaminate panels.

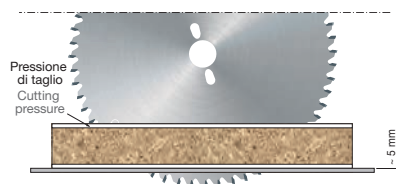
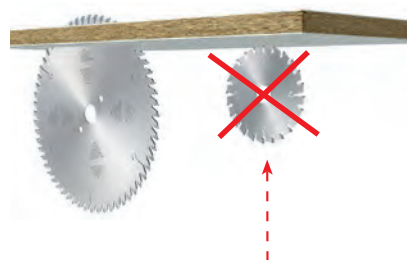


FT01= 2/7/42 + 2/9/46,4 + 2/10/60

FT02= 2/9/46,4 + 2/10/60

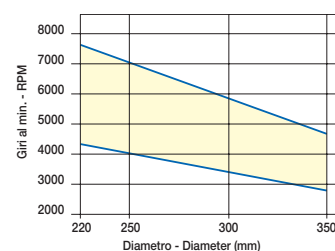
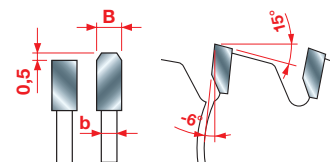
D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
220	3,2	2,2	30	56	2/7/42	UN3E 0100	
250	3,2	2,2	30	60	FT01	UN3E 0200	
300	3,2	2,2	30	72	FT01	UN3E 0300	
350	3,5	2,5	30	84	FT02	UN3E 0400	

Altre misure su richiesta - Special size on request



Con mordente negativo la pressione di taglio agisce sul piano di appoggio.
With negative wood stain, the cutting pressure acts over the bearing plane.

Lavorazione con albero sopra il piano di lavoro
Working with spindle over the working plane

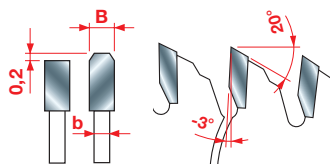


Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

UN3F

Lame per il taglio di pannelli bilaminati / Sawblades to cut bilaminate panels

H00XF: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73



Impiego / Application: Per la sezionatura senza l'ausilio della lama incisore di pannelli bilaminati. Particolarmente indicata nella lavorazione di pannelli rivestiti in melaminico e di materiali plastici. / To size bilaminate panels without the employment of the scoring sawblade. In detail, it is suitable to work melamine-coated panels and plastic materials.



Composti legno
Wood composites



Taglio laminati
Laminates cutting



Macchine / Machines: Seghe circolari, sezionatrici orizzontali, sezionatrici verticali. / Circular saws, horizontal panel sizing machines, vertical panel sizing machines.

Caratteristiche / Features: Dente piano-trapezoidale con angolo di taglio negativo. / Flat-triple chip tooth with negative cutting angle.

Materiale / Material: Pannelli bilaminati. / Bilaminate panels.



Bilaminato
Bilaminate



Impiallacciato
Veneered



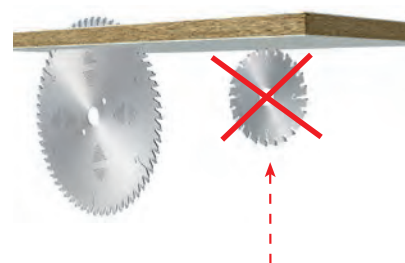
Materiali plastici
Plastic materia

FT01 = 2/7/42 + 2/9/46,4 + 2/10/60

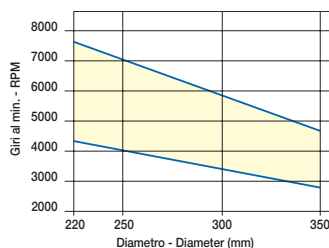
FT02 = 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
220	3,2	2,2	30	64	2/7/42	UN3F 0100	
250	3,2	2,2	30	80	FT01	UN3F 0200	
300	3,2	2,2	30	96	FT01	UN3F 0300	
350	3,5	2,5	30	108	FT02	UN3F 0400	

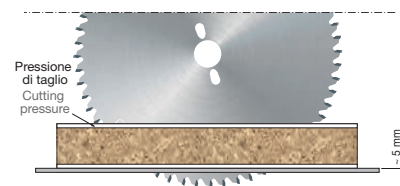
Altre misure su richiesta - Special size on request



Incisore non richiesto
Scorer not required



Fascia del numero di giri minimo e massimo consigliati in funzione del ø della lama. / Minimum and maximum RPM based on the blade diameter.



Con mordente negativo la pressione di taglio agisce sul piano di appoggio.
With negative wood stain, the cutting pressure acts over the bearing plane.

Lavorazione con albero sopra il piano di lavoro
Working with spindle over the working plane

A close-up photograph of numerous parallel wooden planks, likely made of light-colored wood like pine or spruce. The planks are arranged in a perspective that makes them appear to recede into the distance, creating a strong sense of depth and rhythm. The lighting is even, highlighting the natural grain and texture of the wood.

LAME SEZIONATRICI
SAWBLADES FOR PANEL SIZING MACHINES

SEZB

Lame per la sezionatura di pannelli /
Panel sizing sawblades

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73



Impiego / Application: Per la sezionatura di pannelli singoli o in pacco. / To size single or multiple panels.



Composti legno
Wood composites



Taglio laminati
Laminates cutting



Macchine / Machines: Sezionatrici orizzontali con incisore / Horizontal panel sizing machines with scorer.

Caratteristiche / Features: Dente piano-trapezoidale con angolo di taglio positivo. / Triple chip tooth with positive cutting angle.

Materiale / Material: Pannelli in truciolare o MDF rivestiti in melaminico o materiali plastici. / Chipboard or MDF Laminate with melamine or plastic materials.



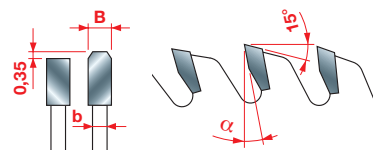
Laminato
Laminate



Impiallacciato
Veneered



MDF
MDF



D mm	B mm	b mm	d mm	Z	FT PH	Macchine Machines	Codice Code
300	4,4	3,0	30	60	2/10/60	Panhans	SEZB30001
300	4,4	3,0	65	60	2/9/110	Selco	SEZB30002
300	4,4	3,0	75	60		Homag	SEZB30003
300	4,4	3,0	80	60	2/14/110+4/9/100	SCM	SEZB30004
300	4,4	3,0	30	72	2/10/60	Panhans	SEZB30005
300	4,4	3,0	65	72	2/9/110	Selco	SEZB30006
300	4,4	3,0	75	72		Homag	SEZB30007
300	4,4	3,0	80	72	2/14/110+4/9/100	SCM	SEZB30008
305	4,4	3,0	30	60	2/10/60	Mayer, Panhans, SCM	SEZB30501
320	4,4	3,2	65	72	2/9/110	Selco	SEZB32001
320	4,4	3,2	75	72	3/13/95	Giben	SEZB32002
350	4,4	3,2	30	54	2/10/60	Panhans, Scheer	SEZB35001
350	4,4	3,2	60	54	2/14/100	Holzma	SEZB35002
350	4,4	3,2	30	72	2/10/60	Panhans, Scheer	SEZB35003
350	4,4	3,2	50	72	4/13/80	Giben	SEZB35006
350	4,4	3,2	60	72	2/14/100	Holzma	SEZB35004
350	4,4	3,2	80	72	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB35005
355	4,4	3,2	30	54	2/10/60	Panhans, SCM	SEZB35501
355	4,4	3,2	75	54		Giben	SEZB35502
355	4,4	3,2	80	54	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB35503
355	4,4	3,2	30	72	2/10/60	Panhans, SCM	SEZB35504
355	4,4	3,2	75	72		Giben	SEZB35505
355	4,4	3,2	80	72	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB35506
360	4,4	3,0	65	60	2/9/110	Selco	SEZB36001
360	4,4	3,2	65	72	2/9/110	Selco	SEZB36002

Altre misure su richiesta - Special size on request

Lame per la sezionatura di pannelli /
Panel sizing sawblades

SEZB

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73

D mm	B mm	b mm	d mm	Z	FT PH	Macchine Machines	Codice Code	
380	4,4	3,0	50	48	4/13/80	Giben	SEZB38006	
380	4,4	3,0	80	48	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB38009	
380	4,4	3,0	50	60	4/13/80	Giben	SEZB38007	
380	4,4	3,2	60	60	2/14/100	Holzma	SEZB38001	
380	4,4	3,2	30	72	2/8/83		SEZB38011	
380	4,4	3,2	50	72	4/13/80	Giben	SEZB38008	
380	4,4	3,2	60	72	2/14/100	Holzma	SEZB38002	
380	4,4	3,2	80	72	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB38010	
380	4,8	3,5	60	60	2/14/100	Holzma	SEZB38003	
380	4,8	3,5	60	72	2/14/100	Holzma	SEZB38004	
380	4,8	3,5	60	84	2/14/100	Holzma	SEZB38005	
400	4,4	3,0	30	48			SEZB40001	
400	4,4	3,0	75	48	4/15/105	Giben	SEZB40002	
400	4,4	3,0	80	48	4/19/120+2/9/130	Selco	SEZB40003	
400	4,4	3,0	80	48	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB40010	
400	4,4	3,2	30	60	2/10/60		SEZB40004	
400	4,4	3,2	75	60	4/15/105	Giben	SEZB40005	
400	4,4	3,2	80	60	4/19/120+2/9/130	Selco	SEZB40006	
400	4,4	3,2	80	60	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB40011	
400	4,4	3,2	30	72	2/10/60	Scheer	SEZB40007	
400	4,4	3,2	75	72	4/15/105	Giben	SEZB40008	
400	4,4	3,2	80	72	4/19/120+2/9/130	Selco	SEZB40009	
400	4,4	3,2	80	72	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB40012	
400	4,8	3,5	60	72		Holzma	SEZB40013	
420	4,8	3,5	60	60	2/14/125	Holzma	SEZB42001	
420	4,8	3,5	60	84	3/14/76	Holzma	SEZB42002	
430	4,4	3,0	30	48		Holzma	SEZB43001	
430	4,4	3,2	75	48	4/15/105	Giben	SEZB43002	
430	4,4	3,0	80	48	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	SEZB43003	
430	4,4	3,0	30	60	2/10/60		SEZB43004	
430	4,4	3,2	75	60	4/15/105	Giben	SEZB43005	
430	4,4	3,2	80	60	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	SEZB43006	
430	4,4	3,2	30	72			SEZB43007	
430	4,4	3,2	75	72	4/15/105	Giben	SEZB43008	
430	4,4	3,2	80	72	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	SEZB43009	
430	4,4	3,2	75	96	4/15/105	Giben Prismatic	SEZB43010	
450	4,4	3,0	30	48	2/9/60	Mayer, Panhans, Schelling	SEZB45001	
450	4,4	3,0	60	48	2/14/125	Holzma	SEZB45002	
450	4,4	3,0	80	48	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	SEZB45003	
450	4,4	3,0	30	60	2/10/60	Mayer, Panhans, Schelling	SEZB45004	
450	4,4	3,2	60	60	2/14/125	Holzma	SEZB45005	
450	4,4	3,2	80	60	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	SEZB45006	
450	4,4	3,2	30	72	2/10/60	Mayer, Panhans, Schelling	SEZB45007	
450	4,4	3,2	60	72	2/14/125	Holzma	SEZB45008	
450	4,4	3,2	80	72	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	SEZB45009	
450	4,8	3,5	30	48	2/9/60	Mayer, Panhans, Schelling	SEZB45010	
450	4,8	3,5	60	48	2/14/125	Holzma	SEZB45011	
450	4,8	3,5	80	48	2/9/130+4/19/120	Selco	SEZB45012	
450	4,8	3,5	30	60	2/9/60	Scheer	SEZB45013	
450	4,8	3,5	60	60	2/14/125	Holzma	SEZB45014	
450	4,8	3,5	80	60	2/9/130+4/19/120	Selco	SEZB45015	
450	4,8	3,5	30	72	2/9/60	Scheer	SEZB45016	
450	4,8	3,5	60	72	2/14/125+2/17/100	Holzma	SEZB45017	
450	4,8	3,5	80	72	2/9/130+4/19/120	Selco	SEZB45018	

Altre misure su richiesta - Special size on request

SEZB

Lame per la sezionatura di pannelli /
Panel sizing sawblades

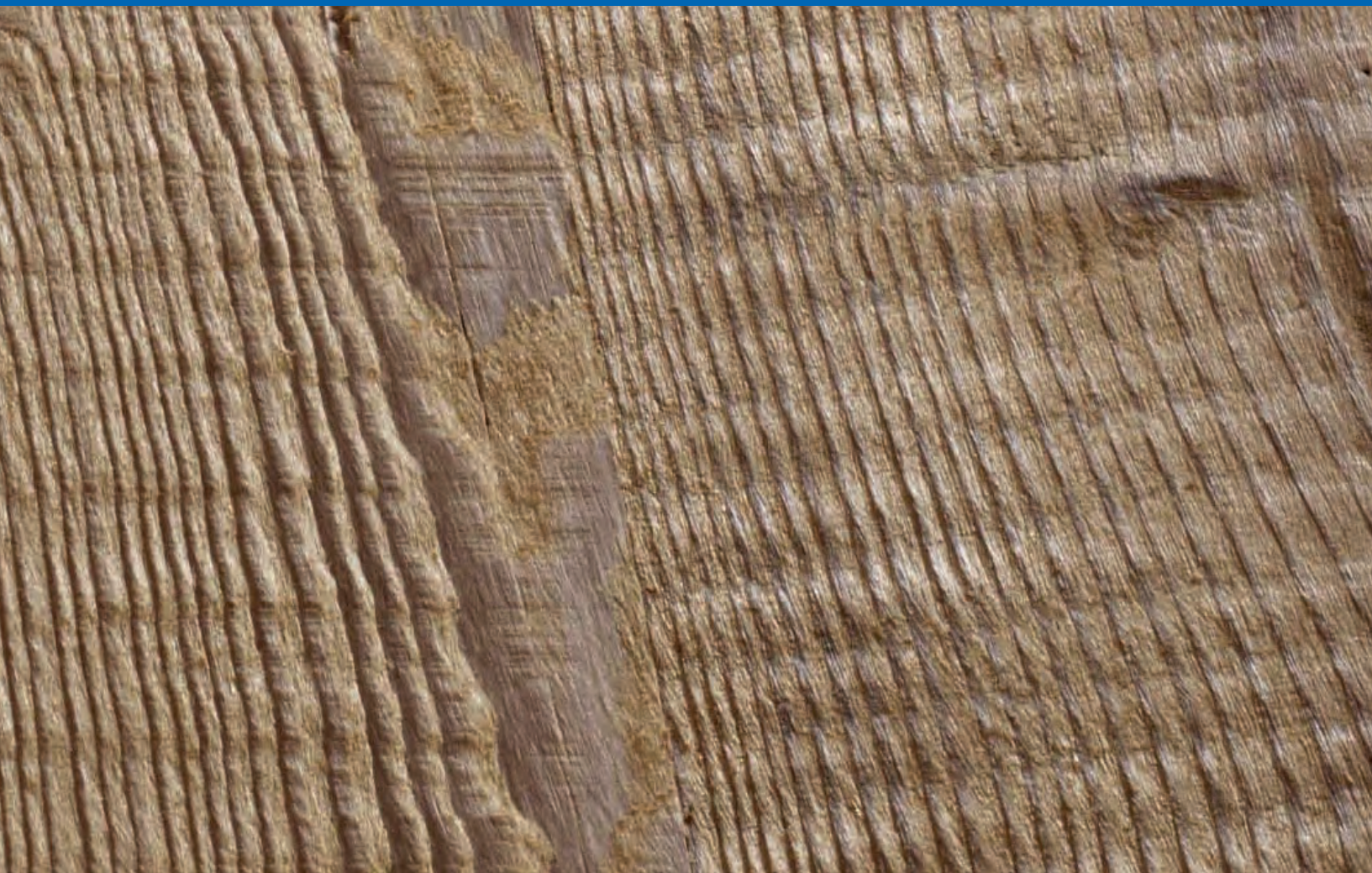
H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73

D mm	B mm	b mm	d mm	Z	FT PH	Macchine Machines	Codice Code	
460	4,4	3,2	30	72	2/13/94	Schelling	SEZB46001	
470	4,4	3,2	75	48	4/15/105	Giben	SEZB47001	
470	4,4	3,2	75	60	4/15/105	Giben	SEZB47002	
470	4,4	3,2	75	72	4/15/105	Giben	SEZB47003	
470	4,4	3,2	75	96	4/15/105	Giben	SEZB47004	
480	4,8	3,5	80	48	2/9/130+4/19/120	Selco	SEZB48002	
480	4,8	3,5	80	60	2/9/130+4/19/120	Selco	SEZB48003	
480	4,8	3,5	30	72	2/10/60	Schelling	SEZB48004	
480	4,8	3,5	80	72	2/9/130+4/19/120	Selco	SEZB48001	
500	4,4	3,2	30	48		Schelling	SEZB50001	
500	4,4	3,2	80	48	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB50002	
500	4,4	3,2	30	60		Schelling	SEZB50003	
500	4,4	3,2	80	60	4/9/100+2/9/110+2/14/110	Gabbiani	SEZB50004	
500	4,4	3,2	30	72		Schelling	SEZB50005	
500	4,8	3,5	30	48		Schelling	SEZB50006	
500	4,8	3,5	60	48	2/11/115	Holzma	SEZB50007	
500	4,8	3,5	75	48	4/15/105	Giben	SEZB50008	
500	4,8	3,5	60	60	2/11/115	Holzma	SEZB50009	
500	4,8	3,5	75	60	4/15/105	Giben	SEZB50010	
500	4,8	3,5	60	72	2/11/115	Holzma	SEZB50011	
500	4,8	3,5	75	72	4/15/105	Giben	SEZB50012	
520	4,8	3,5	60	48	2/19/120+2/11/115	Holzma	SEZB52001	
520	4,8	3,5	60	60	2/19/120+2/11/115	Holzma	SEZB52002	
520	4,8	3,5	60	72	2/19/120+2/11/115	Holzma	SEZB52003	
530	5,2	3,5	30	60		Schelling	SEZB53001	
530	5,8	4,0	60	60	1/11/85	Anthon	SEZB53002	
540	4,8	3,5	60	48	2/11/115+2/19/120	Holzma Typ 33	SEZB54001	
540	4,8	3,5	60	60	2/11/115+2/19/120	Holzma Typ 33	SEZB54002	
540	4,8	3,5	60	72	2/11/115+2/19/120	Holzma Typ 33	SEZB54003	
550	5,2	3,5	60	48			SEZB55001	
550	5,2	3,5	60	60			SEZB55002	
550	5,2	3,5	80	60	2/14/110	Gabbiani	SEZB55006	
550	5,5	3,8	40	48	2/13/122	Schelling	SEZB55003	
550	5,5	3,8	40	60	2/13/122	Schelling	SEZB55004	
550	5,2	3,5	80	48	2/14/110	Gabbiani	SEZB55005	
565	5,2	3,5	80	48	2/14/110+4/9/100	Gabbiani	SEZB56503	
565	5,2	3,5	100	48		Giben	SEZB56501	
565	5,2	3,5	100	60		Giben	SEZB56502	
570	5,2	3,5	80	48	2/14/110	Gabbiani	SEZB57002	
570	4,8	3,5	60	60		Holzma	SEZB57001	
600	5,8	4,0	60	60	2/11/115+2/19/120	Holzma Typ 33	SEZB60001	
600	5,8	4,0	60	72	2/11/115+2/19/120	Holzma Typ 33	SEZB60002	
620	6,2	4,2	40	60	2/13/114+2/13/140	Schelling	SEZB62001	
620	6,2	4,2	40	72	2/13/114+2/13/140	Schelling	SEZB62002	
670	5,8	4,2	60	60	2/19/120+2/11/148	Holzma	SEZB67001	
670	5,8	4,2	60	72	2/19/120+2/11/148	Holzma	SEZB67002	
670	6,2	4,2	40	60	2/17/140+2/13/140	Schelling	SEZB67003	
670	6,2	4,2	40	72	2/17/140+2/13/140	Schelling	SEZB67004	
680	6,2	4,2	40	60	2/13/140+2/17/140	Schelling	SEZB68001	
700	6,2	4,2	80	60	2/17/110	Anthon LNC	SEZB70001	
720	6,4	4,4	40	60	2/14/104+2/14/140	Schelling	SEZB72001	
730	6,2	4,2	60	60	2/11/148+2/19/120	Holzma Typ 66	SEZB73001	

Altre misure su richiesta - Special size on request



LAME INCISORE CONICHE
CONICAL SCORING SAWBLADES



IN1A

Lame incisore coniche /
Conical scoring sawblades

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73



Impiego / Application: Per l'incisione del rivestimento di pannelli bilaminati. / To score the coating on bilaminate panels.



Laminati
Laminates



Macchine / Machines: Sezionatrici orizzontali con l'albero dell'incisore regolabile in altezza in funzione dello spessore di taglio della lama sezionatrice. / Horizontal panel sizing machines that allow the vertical adjustment of the scorer in relation to the panel sizing sawblade kerf.

Caratteristiche / Features: Dentatura alterna a 6° con angolo di taglio positivo. / ATB 6° tooth with positive cutting angle.

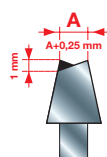
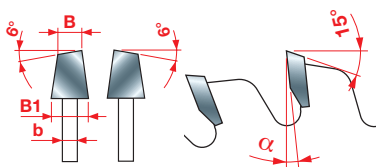
Materiale / Material: Pannelli in truciolare o MDF bilaminati. / Bilaminate chipboard or MDF.



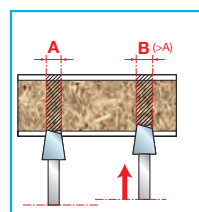
Bilaminato
Bilaminate



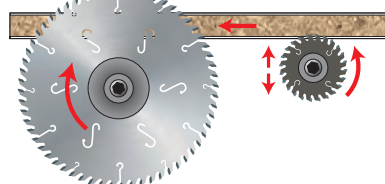
Impiallacciato
Veneered



Per ogni spostamento di 1 mm
in altezza l'incisione si allarga di
0,25 mm
For each 1 mm height
displacement the cut becomes 0,25
mm wider.



Spessore lama principale
Cutting kerf of main sawblade



D mm	B mm	b mm	d mm	Z	α	FT PH	Macchine Machines	Codice Code
80	3,1-4,3	2,2	20	12	0°			IN1A C100
80	3,1-4,3	2,2	22	12	0°			IN1A C101
100	3,1-4,3	2,2	20	24	0°		Schelling	IN1A C102
100	3,1-4,3	2,2	22	24	0°			IN1A C103
110	3,1-4,3	2,2	20	24	0°			IN1A C104
110	3,1-4,3	2,2	22	24	0°			IN1A C105
115	3,1-4,3	2,2	20	24	0°			IN1A C106
115	3,1-4,3	2,2	22	24	0°			IN1A C107
120	2,8-4,0	2,2	20	24	0°		Schelling	IN1A C108
120	2,8-4,0	2,2	22	24	0°			IN1A C109
120	3,1-4,3	2,2	20	24	0°			IN1A C110
120	3,1-4,3	2,2	22	24	0°			IN1A C111
120	3,4-4,6	2,2	20	24	0°			IN1A C112
125	3,1-4,3	2,2	20	24	0°		Panhans 693 Euro 5	IN1A C113
125	3,1-4,3	2,2	22	24	0°		Martin	IN1A C114
125	3,4-4,6	2,2	20	24	0°			IN1A C115
125	3,4-4,6	2,2	45	24	0°			IN1A C116
125	4,3-5,5	3,2	20	24	0°		Panhans 692 Euro 5	IN1A C117
125	4,3-5,5	3,2	45	24	0°		Giben - Homag	IN1A C118
125	4,5-5,7	3,0	20	24	0°			IN1A C119
125	4,5-5,7	3,0	45	24	0°		Giben - Homag	IN1A C120
140	3,1-4,3	2,2	16	28	8°	1/6/33	Scheer FM	IN1A C121
140	3,4-4,7	2,2	45	28	8°			IN1A C122
140	4,3-5,5	3,2	45	28	8°		Euromac	IN1A C123
140	4,5-5,7	3,0	45	24	8°			IN1A C124
150	3,1-4,3	2,2	30	36	8°		SCM	IN1A C125
150	3,4-4,7	2,2	30	36	8°		SCM	IN1A C126
150	4,3-5,6	3,2	30	36	8°		SCM	IN1A C127
150	4,3-5,6	3,2	45	36	8°		SCM	IN1A C128
150	4,5-5,8	3,0	30	36	8°		SCM	IN1A C129
150	4,5-5,8	3,0	45	36	8°		SCM	IN1A C130

Altre misure su richiesta - Special size on request

Lame incisore coniche /
Conical scoring sawblades

IN1A

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73

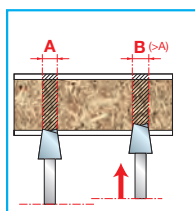
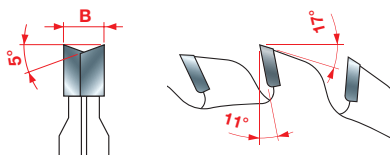
D mm	B mm	b mm	d mm	Z	α	FT PH	Macchine Machines	Codice Code
160	3,1-4,3	2,2	20	36	8°		Langzauner	IN1A C131
160	3,4-4,6	2,2	25,4	36	8°			IN1A C132
160	4,3-5,5	3,2	30	36	8°		Langzauner	IN1A C133
160	4,3-5,5	3,2	45	36	8°	3/11/70	Giben	IN1A C134
160	4,3-5,5	3,2	55	36	8°	3/7/66+3/6/84	Gabbiani	IN1A C135
160	4,3-5,5	3,2	60	36	8°	3/7/80		IN1A C136
160	4,5-5,7	3,0	45	36	8°	3/11/70	Giben	IN1A C137
160	4,5-5,7	3,0	55	36	8°	3/7/66+3/9/72	Gabbiani	IN1A C138
160	5,1-6,3	3,5	60	36	8°	3/7/80		IN1A C139
180	3,1-4,3	2,2	16	42	8°	1/6/33	Scheer FM	IN1A C140
180	3,4-4,6	2,2	25,4	36	8°			IN1A C141
180	4,3-5,5	3,2	20	28	8°		Schelling - Anthon	IN1A C142
180	4,3-5,5	3,2	30	28	8°	2/7/42+2/10/60	Panhans 693	IN1A C143
180	4,3-5,5	3,2	45	36	8°		Holzma	IN1A C144
180	4,3-5,5	3,2	50	36	8°	3/13/80	Giben	IN1A C145
180	4,5-5,7	3,0	20	36	8°		Schelling - Anthon	IN1A C146
180	4,7-5,9	3,5	45	36	8°		Holzma	IN1A C147
180	5,1-6,3	3,5	55	36	8°	3/7/66	Gabbiani	IN1A C148
180	5,7-6,9	4,0	20	36	8°		Holzma	IN1A C149
180	6,9-8,1	5,0	20	36	8°		Anthon LNC	IN1A C150
200	4,3-5,5	3,2	20	36	8°		Schelling	IN1A C151
200	4,3-5,5	3,2	22	36	8°			IN1A C152
200	4,3-5,5	3,2	30	36	8°	2/9/60	Scheer	IN1A C153
200	4,3-5,5	3,2	45	36	8°		Holzma	IN1A C154
200	4,3-5,5	3,2	50	36	8°	3/13/80	Giben Smart	IN1A C155
200	4,3-5,5	3,2	65	36	8°	2/9/100+2/9/110	Selco	IN1A C156
200	4,3-5,5	3,2	80	36	8°	2/14/110	Gabbiani	IN1A C157
200	4,5-5,7	3,0	22	36	8°			IN1A C158
200	4,5-5,7	3,0	65	36	8°	2/8,5//110	Selco	IN1A C159
200	4,7/5,9	3,5	20	36	8°			IN1A C160
200	4,7-5,9	3,5	22	36	8°			IN1A C161
200	4,7-5,9	3,5	30	36	8°	2/9/60	Scheer	IN1A C162
200	4,7-5,9	3,5	45	36	8°		Holzma	IN1A C163
200	4,7-5,9	3,5	65	36	8°	2/9/100+2/9/110	Selco	IN1A C164
200	5,1/6,3	3,5	20	36	8°		Schelling	IN1A C165
200	5,4/6,6	3,8	20	36	8°			IN1A C166
200	5,7-6,9	4,0	45	36	8°		Holzma	IN1A C167
200	6,1/7,3	4,2	20	36	8°		Schelling	IN1A C168
200	6,1/7,3	4,2	45	36	8°		Holzma	IN1A C169
215	4,3-5,5	3,2	50	42	8°	2/7/80	Giben	IN1A C170
215	4,5-5,7	3,2	50	42	8°	3/15/80	Giben	IN1A C171
220	6,3-7,5	4,4	20	36	8°		Schelling	IN1A C172
300	4,3-5,5	3,5	50	48	12°	3/15/80	Giben	IN1A C173
300	4,3-5,5	3,2	65	72	12°	2/9/110	Selco	IN1A C174
300	4,3-5,5	3,2	80	72	12°	2/14/110		IN1A C175
320	4,3-5,5	3,0	45	48	12°			IN1A C176
320	4,3-5,5	3,2	45	48	12°			IN1A C177
320	4,3-5,5	3,2	50	48	12°	3/15/80		IN1A C178
340	4,7-5,9	3,5	45	72	12°	3/14/65	Holzma	IN1A C179

Altre misure su richiesta - Special size on request

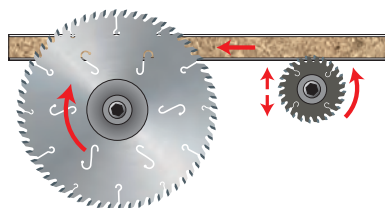
IN2A

Lame incisore regolabili / Adjustable scoring sawblades

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73



Spessore lama principale
Cutting kerf of main sawblade



Impiego / Application: Per l'incisione del rivestimento di pannelli bilaminati. / Horizontal panel sizing machines that do not allow the adjustment of the scoring depth.



Laminati
Laminates



Macchine / Machines: Sezionatrici orizzontali con l'albero dell'incisore fisso. Profondità max di incisione 2 mm. / Max scoring depth 2 mm.

Caratteristiche / Features: Dentatura alterna a 5° con angolo di taglio positivo. / ATB tooth 5° with positive cutting angle.

Materiale / Material: Pannelli in truciolare o MDF bilaminati. / Bilaminate chipboard or MDF.



Bilaminato
Bilaminate



Impiallacciato
Veneered

D mm	B-B1 mm	d mm	Z	Macchine Machines	Codice Code
80	2,8-3,6	20	10+10	Felder	IN2A R100
80	2,8-3,6	20	12+12	Felder	IN2A R101
100	2,8-3,6	20	12+12	Panahans - Schelling	IN2A R102
100	2,8-3,6	22	12+12	Altendorf - Striebig	IN2A R103
105	2,8-3,6	20	10+10	GMC	IN2A R104
120	2,8-3,6	20	12+12	Holz Her - SCM	IN2A R105
120	2,8-3,6	22	12+12	Altendorf - Martin	IN2A R106
120	2,8-3,6	50	12+12	Altendorf - SCM - Griggio	IN2A R107
120	4,0-5,0	50	12+12	Altendorf - SCM - Griggio	IN2A R108
125	2,8-3,6	20	12+12	Paoloni	IN2A R109
125	2,8-3,6	20	14+14	Paoloni	IN2A R110
125	2,8-3,6	22	14+14		IN2A R111
125	4,0-4,7	20	20+20	Paoloni	IN2A R112
125	4,0-5,0	45	12+12	Giben - Mayer	IN2A R113
125	4,0-5,0	50	12+12	Paoloni - Panahans	IN2A R114
160	4,0-5,2	60	20+20	Bäuerle	IN2A R115
180	2,8-3,6	30	20+20		IN2A R116
180	4,0-5,0	20	20+20		IN2A R117
180	4,4-5,6	45	20+20	Holzma	IN2A R118
200	4,0-5,2	50	28+28	SCM	IN2A R119

Altre misure su richiesta - Special size on request

Lame incisore postforming / Postforming scoring sawblades

IN3A

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Per l'incisione del rivestimento di pannelli bilaminati. / To score the coating on bilaminate panels.



Laminati
Laminates



Macchine / Machines: Sezionatrici orizzontali. / Horizontal panel sizing machines.

Caratteristiche / Features: Dentatura alterna con angolo di taglio positivo. / ATB tooth with positive cutting angle.

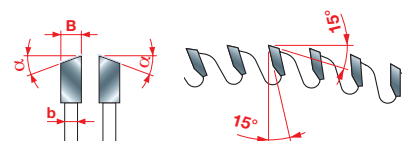
Materiale / Material: Pannelli in truciolare o MDF bilaminati. / Bilaminate chipboard or MDF.



Bilaminato
Bilaminate



Impiallacciato
Veneered



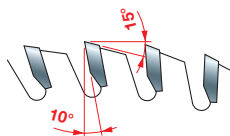
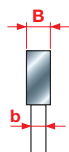
D mm	B mm	b mm	d mm	Z	α	FT PH	Codice Code
200	4,7	3,5	80	42	10°	2/14/110	IN3A P100
220	3,4	2,2	30	48	10°		IN3A P101
250	4,6	3,0	30	48	10°		IN3A P102
280	5,0	3,5	45	84	30°		IN3A P103
300	4,55	3,2	65	72	10°	2/9/100+2/9/110	IN3A P104
300	4,55	3,2	50	72	10°	3/15/80	IN3A P105
300	4,7	3,2	80	72	10°	2/14/110	IN3A P106
300	4,95	3,0	65	72	10°	2/9/100+2/9/110	IN3A P107
340	5,0	3,5	45	48	30°	3/14/65	IN3A P108
340	5,0	3,5	45	108	30°	3/14/65	IN3A P109

Altre misure su richiesta - Special size on request

IN4A

Lame incisore con dente piano /
Flat tooth scoring sawblades

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Per l'incisione del rivestimento di pannelli ricoperti di laminato plastico. / To score bilaminate panels with plastic coating.



Laminati
Laminates



Macchine / Machines: Sezionatrici orizzontali. / Horizontal panel sizing machines.

Caratteristiche / Features: Dentatura piana con angolo di taglio positivo. / Flat tooth with positive cutting angle.

Materiale / Material: Pannelli in truciolare o MDF bilaminati. / Bilaminate chipboard or MDF.



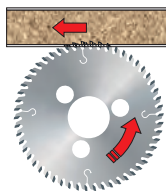
Bilaminato
Bilaminate



Impiallacciato
Veneered

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
180	3,2	2,2	50	54	3/22/80	IN4A S100

Altre misure su richiesta - Special size on request



Lame incisore con dente piano / Flat tooth scoring sawblades

IN5A

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Per l'incisione del rivestimento di pannelli bilaminati. / To score the coating on bilaminate panels.



Laminati
Laminates



Macchine / Machines: Sezionatrici orizzontali SCM. / SCM Horizontal panel sizing machines.

Caratteristiche / Features: Dentatura piana con angolo di taglio positivo. / Flat tooth with positive cutting angle.

Materiale / Material: Pannelli in truciolare o MDF bilaminati. / Bilaminate chipboard or MDF.



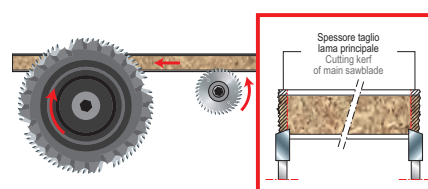
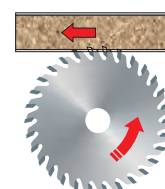
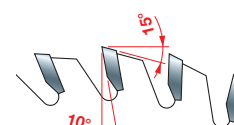
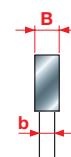
Bilaminato
Bilaminate



Impiallacciato
Veneered

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
115	3,2	2,2	20	30		IN5A S100
120	3,2	2,2	20	30		IN5A S101

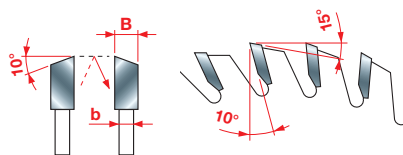
Altre misure su richiesta - Special size on request



IN6A

Lame incisore con dente inclinato /
Bevelled tooth scoring sawblades

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Per l'incisione del rivestimento di pannelli ricoperti in laminato plastico o resina termoindurente. / To score bilaminate panels with plastic or thermohardened resins coating.



Laminati
Laminates



Macchine / Machines: Sezionatrici orizzontali. / Horizontal panel sizing machines.

Caratteristiche / Features: Dentatura unilateralmente inclinata con angolo di taglio positivo. / Bevelled toothing with positive cutting angle.

Materiale / Material: Pannelli in truciolare o MDF bilaminati. / Bilaminate chipboard or MDF.



Bilaminato
Bilaminate



Impiallacciato
Veneered

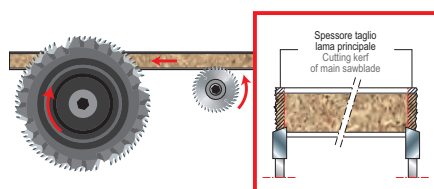
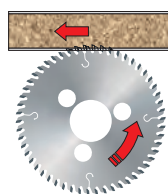
Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
150	3,2	2,2	30	36		IN6A 100D
150	3,2	2,2	55	36		IN6A 101D
150	3,2	2,2	60	36		IN6A 102D
180	3,2	2,2	30	42		IN6A 103D
180	3,2	2,2	55	42		IN6A 104D
200	3,2	2,2	30	48		IN6A 105D
200	3,2	2,2	60	48		IN6A 106D

Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
150	3,2	2,2	30	36		IN6A 100S
150	3,2	2,2	55	36		IN6A 101S
150	3,2	2,2	60	36		IN6A 102S
180	3,2	2,2	30	42		IN6A 103S
180	3,2	2,2	55	42		IN6A 104S
200	3,2	2,2	30	48		IN6A 105S
200	3,2	2,2	60	48		IN6A 106S

Altre misure su richiesta - Special size on request



Lame incisore con dente inclinato / Bevelled tooth scoring sawblades

IN7A

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Per l'incisione del rivestimento di pannelli ricoperti in laminato molto fragile.
/ To score bilaminate panels with very fragile plastic coating.



Laminati
Laminates



Macchine / Machines: Sezionatrici, squadratrici e bordatrici. / Panel sizing machines, double-end tenoners, edge benders.

Caratteristiche / Features: Dentatura unilateralmente inclinata con angolo di taglio positivo. / Bevelled toothing with positive cutting angle.

Materiale / Material: Pannelli in truciolare o MDF bilaminati. / Bilaminate chipboard or MDF.



Bilaminato
Bilaminate

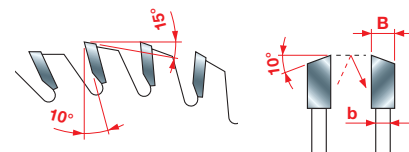


Impiallacciato
Veneered



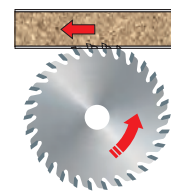
Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
100	3,2	2,2	20	24		IN7A 100D
125	3,2	2,2	20	30		IN7A 101D
150	3,2	2,2	30	48		IN7A 102D
150	3,2	2,2	55	48		IN7A 103D

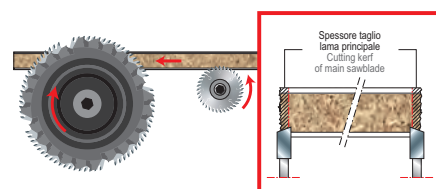


Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
100	3,2	2,2	20	24		IN7A 100S
125	3,2	2,2	20	30		IN7A 101S
150	3,2	2,2	30	48		IN7A 102S
150	3,2	2,2	55	48		IN7A 103S



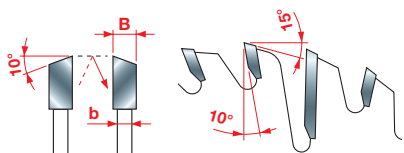
Altre misure su richiesta - Special size on request



IN8A

Lame incisore-intestatore per pannelli bordati /
end trim unit for boarded panels

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Per la squadratura e l'intestatura di pannelli bordati. / For cutting and boarding boarded panels.



Laminati
Laminates



Macchine / Machines: Bordatrici. / Edge benders.

Caratteristiche / Features: Dentatura unilateralmente inclinata con angolo di taglio positivo e 4 rasanti. / Bevelled toothing with 4 rakers with positive cutting angle.

Materiale / Material: Pannelli in truciolare o MDF bilaminati / Bilaminate chipboard or MDF.



Bilaminato
Bilaminate



Impiallacciato
Veneered

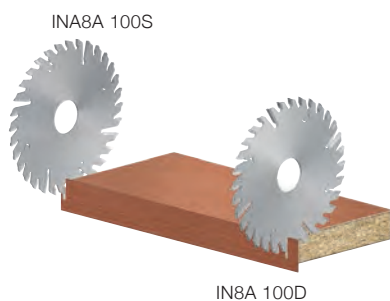
Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
140	3,2	2,2	30	28+4		IN8A 100D

Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
140	3,2	2,2	30	28+4		IN8A 100S

Altre misure su richiesta - Special size on request





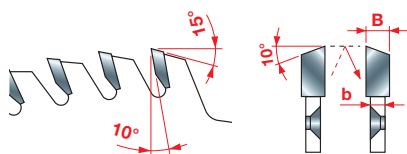
LAME PER TRUCIOLATORI
SAWBLADES FOR HOGGING UNIT



SH1A

Lame per truciolatori Freud /
Sawblade for Freud hogging unit

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Lame per la squadratura e refilatura di pannelli. / Sawblades suitable for squaring and trimming panels.



Laminati
Laminates



Macchine / Machines: Squadratrici singole o doppie e squadra-bordatrici. / Single-side or double-end tenoners and squaring edgebanding machines.

Caratteristiche / Features: Dentatura unilateralmente inclinata con angolo di taglio positivo. / Right or left bevel tooth with positive cutting angle.

Materiale / Material: Pannelli bilaminati. / Bilaminate panels.



Bilaminato
Bilaminate



Impiallacciato
Veneered

Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,2	3,0	130	56	10/8,5/170	SH1A 100D
300	4,2	3,0	130	68	10/8,5/215	SH1A 101D

Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,2	3,0	130	56	10/8,5/170	SH1A 100S
300	4,2	3,0	130	68	10/8,5/215	SH1A 100S

Altre misure su richiesta - Special size on request



Lame per truciolatori Freud / Sawblade for Freud hogging unit

SH1B

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Lame per la squadratura e refilatura di pannelli. / Single-side or double-end tenoners and squaring edgebanding machines.



Laminati
Laminates



Composti legno
Wood composites



Macchine / Machines: Squadratrici singole o doppie e squadra-bordatrici. / Edge benders.

Caratteristiche / Features: Dentatura unilateralmente inclinata con angolo di taglio positivo. / Right or left bevel tooth with positive cutting angle.

Materiale / Material: Pannelli bilaminati. / Bilaminate panels.



Bilaminato
Bilaminate



Impiallacciato
Veneered



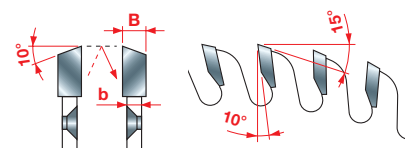
Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,2	3,0	130	60	4/8,5/185	SH1B 100D

Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,2	3,0	130	60	4/8,5/185	SH1B 100S

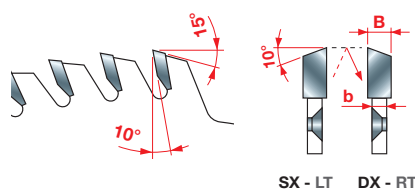
Altre misure su richiesta - Special size on request



SH1C

Lame per truciolatori (esecuzione speciale)/ Sawblades for hogging unit

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Lame per la squadratura e refilatura di pannelli. / Sawblades suitable for squaring and trimming panels.



Laminati
Laminates



Composti legno
Wood composites



Macchine / Machines: Squadratrici singole o doppie e squadra-bordatrici. / Single-side or double-end tenoners and squaring edgebanding machines.

Caratteristiche / Features: Dentatura unilateralmente inclinata con angolo di taglio positivo. / Right or left bevel tooth with positive cutting angle.

Materiale / Material: Pannelli bilaminati. / Bilaminate panels.



Bilaminato
Bilaminate



Impiallacciato
Veneered

Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
200	4,2	3,0	30	48	►	SH1C 100D
250	4,2	3,0	30	60	►	SH1C 101D
250	4,2	3,0	130	60	►	SH1C 102D
255	4,2	3,0	80	60	►	SH1C 103D
350	4,2	3,0	30	84	►	SH1C 104D

Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
200	4,2	3,0	30	48	►	SH1C 100S
250	4,2	3,0	30	60	►	SH1C 101S
250	4,2	3,0	130	60	►	SH1C 102S
255	4,2	3,0	80	60	►	SH1C 103S
350	4,2	3,0	30	84	►	SH1C 104S

Altre misure su richiesta - Special size on request

► INDICARE TASSATIVAMENTE: a) 80TPO 9AA per allargatura foro; b) OFTPO... per fori di fissaggio. Inviare sempre una lama campione o indicare il diametro e l'interasse dei fori di fissaggio. (es. OFTPO 9FA con 6 fori svasati).

► WHEN ORDERING, ALWAYS SPECIFY: a) 80TPO 9AA for increasing bore Ø; b) OFTPO... for pin holes. Send sample sawblade or drawing with bore size, PCD and hole size (ex. OFTPO 9FA with 6 countersunk holes).

Lame per truciolatori Freud / Sawblade for Freud hogging unit

SH1D

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Lame per la squadratura e refilatura di pannelli. / Sawblades suitable for squaring and trimming panels.



Laminati
Laminates



Composti legno
Wood composites



Macchine / Machines: Squadratrici singole o doppie e squadra-bordatrici. / Single-side or double-end tenoners and squaring edgebanding machines.

Caratteristiche / Features: Dentatura piana con angolo di taglio positivo. / Flat tooth with positive cutting angle.

Materiale / Material: Pannelli bilaminati. / Bilaminate panels.



Bilaminato
Bilaminate



Impiallacciato
Veneered



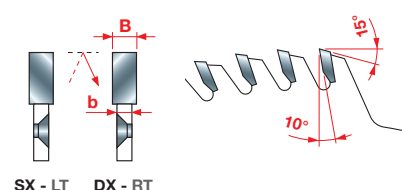
Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,2	3,0	130	72	10/8,5/170	SH1D 100D

Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,2	3,0	130	72	10/8,5/170	SH1D 100S

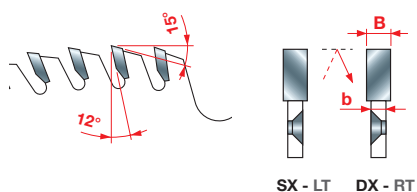
Altre misure su richiesta - Special size on request



SH1E

Lame per truciolatori Leuco /
Sawblade for Leuco hogging unit

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Lame per la squadratura e refilatura di pannelli. / Sawblades suitable for squaring and trimming panels.



Laminati
Laminates



Composti legno
Wood composites



Macchine / Machines: Squadratrici singole o doppie e squadra-bordatrici. / Single-side or double-end tenoners and squaring edgebanding machines.

Caratteristiche / Features: Dentatura unilateralmente inclinata con angolo di taglio positivo. / Right or left bevel tooth with positive cutting angle.

Materiale / Material: Pannelli bilaminati. / Bilaminate panels.



Bilaminato
Bilaminate



Impiallacciato
Veneered

Destra / Right

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,0	3,0	100	72	6/7/200	SH1E 100D

Sinistra / Left

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
250	4,0	3,0	100	72	6/7/200	SH1E 100S

Altre misure su richiesta - Special size on request



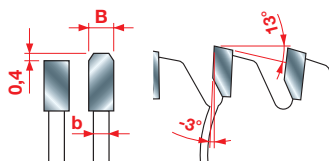
A close-up, angled view of a bright orange saw blade, showing its sharp edge and the texture of the material. The blade is set against a light, out-of-focus background. A solid green horizontal bar is positioned across the lower portion of the image, containing white text.

LAME PER PLASTICA E DERIVATI
SAWBLADES FOR PLASTIC MATERIALS

UN4A

Lame per il taglio di materiali plastici /
Sawblades to cut plastic materials

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Impiego / Application: Lame con mordente negativo adatto per il taglio di materiali plastici. Per un taglio corretto la lama deve sporgere di circa 30 mm sul materiale da tagliare. / Blades with negative wood stain that is suitable to cut plastic materials. In order to cut in a correct way, the sawblade has to stick out approximately 30 mm over the material to be cut.



Taglio plexiglass
Plexiglass cutting



Materiali plastici
Plastic materials



Macchine / Machines: Seghe circolari, macchine portatili. / Circular saws, portable machines.

Caratteristiche / Features: Piano-trapezoidale con angolo di taglio negativo. Le particolari dimensioni dei denti permettono un taglio con perfetta finitura senza fusione e senza rigatura del materiale. / Flat-triple chip tooth with negative cutting angle. The specific size of the teeth allows cutting with perfect finishing, without melting and scratching the material.

Materiale / Material: Materiale plastico, plexiglass. / Plastic materials, plexiglass and type of keyways.



Materiali plastici
Plastic materia

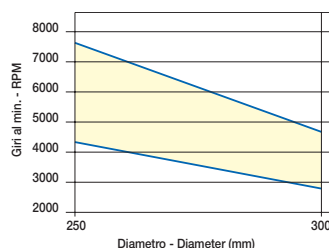


Plexiglass
Plexiglass

FT01= 2/7/42 + 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
250	2,8	2,2	30	80	FT01	UN4A 0100	
300	2,8	2,2	30	96	FT01	UN4A 0200	

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

Lame per il taglio di plastica e plexiglass - sp. sottile / Sawblades to cut plastic materials and plexiglass - thin kerf **UN4B**

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71

Impiego / Application: Per la sezionatura in singolo di pannelli in materiale plastico e plexiglass. Lo spessore di taglio ridotto facilita l'avanzamento del pezzo da lavorare e ottimizza l'impiego su macchine a bassa potenza. / To size plexiglass and plastic material panels. The reduced cutting height makes workpiece feeding easier and optimises its employment in low-power machines.


Taglio plexiglass
Plexiglass cutting




Materiali plastici
Plastic materials



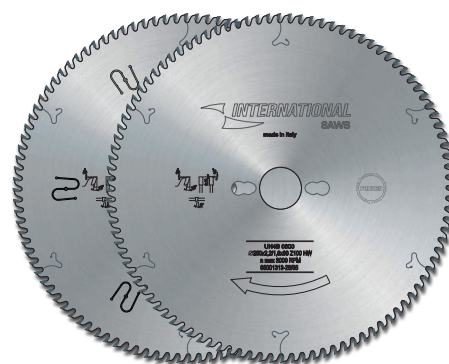
Macchine / Machines: Seghe circolari, macchine portatili. / Circular saws, portable machines.

Caratteristiche / Features: Dentatura Piano - Alterna a 10°, con assiale a 5° e angolo di taglio positivo. La particolare forma del dente garantisce un'ottima finitura e durata di taglio. / Flat - ATB 10° tooth with 5° shear angle and positive cutting angle. The specific shape of the tooth assures an excellent finishing and cutting life.

Materiale / Material: Materiale plastico, plexiglass. / Plastic materials, plexiglass and type of keyways.

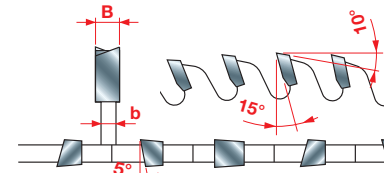

Materiali plastici
Plastic materia


Plexiglass
Plexiglass

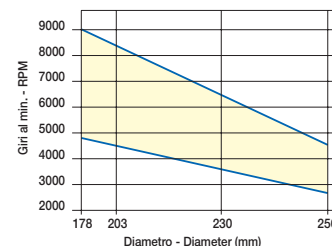


FT01= 2/7/42 + 2/9/46,4 + 2/10/60

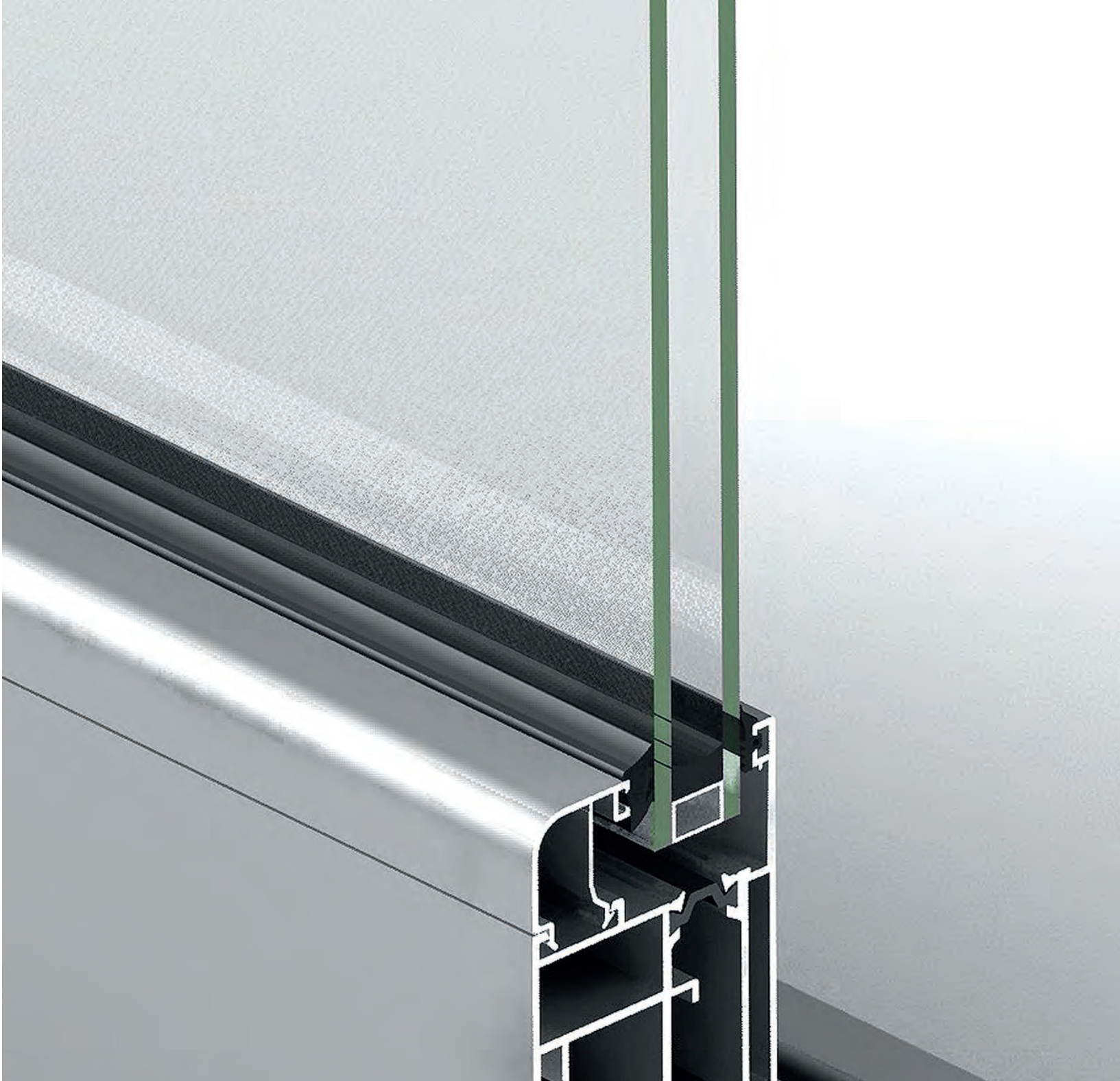
D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
178	1,5	1,0	25,4	80		UN4B 0500
203	2,0	1,4	25,4	90		UN4B 0100
230	2,2	1,6	25,4	100		UN4B 0200
250	2,2	1,6	30	100	FT01	UN4B 0300 
255	2,2	1,6	25,4	100		UN4B 0400



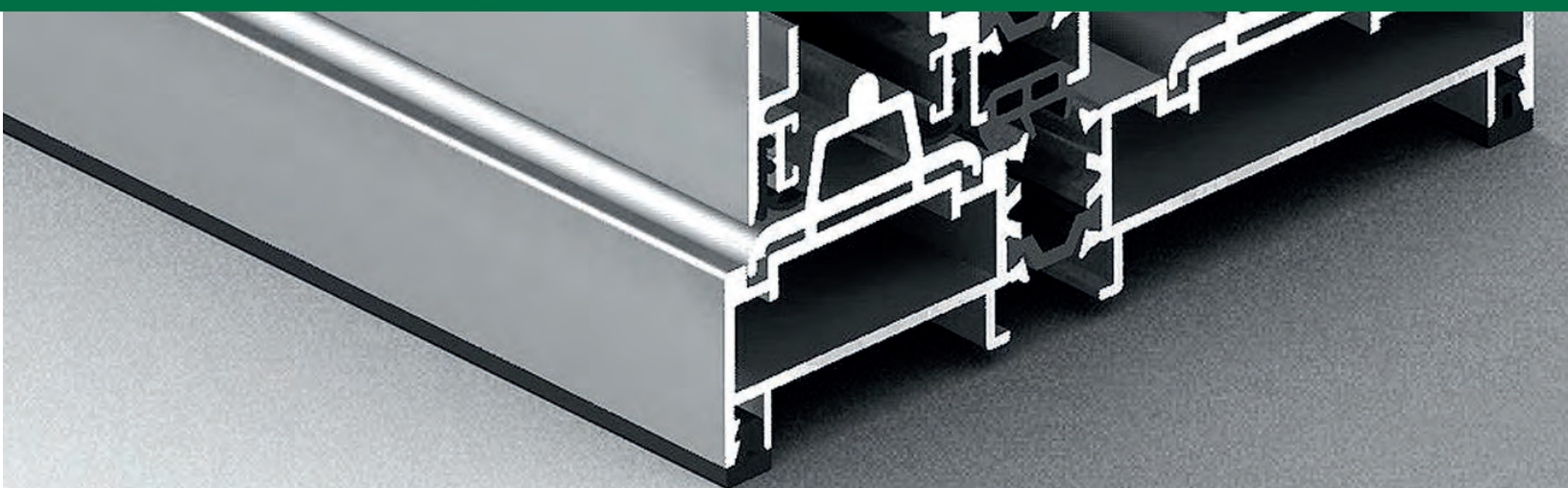
Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



LAME PER METALLI NON FERROSI
SAWBLADES FOR NON-FERROUS MATERIALS



Lame per il taglio di metalli non ferrosi / Sawblades to cut non-ferrous metals **UN5A**

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35

Impiego / Application: Per il taglio di trafilati pieni con spessore da 2 a 10 mm. / To cut solid drawn products with a thickness included between 2 and 10 mm.

Macchine / Machines: Troncatrici singole o doppie con bloccaggio meccanico del pezzo. / Single or double mitre saws with mechanical clamping of the piece.

Caratteristiche / Features: Dentatura Piano-trapezoidale con angolo di taglio positivo. / Flat-triple chip tooth with positive cutting angle.

Materiale / Material: Alluminio e metalli non ferrosi. / Aluminium and non-ferrous metals.



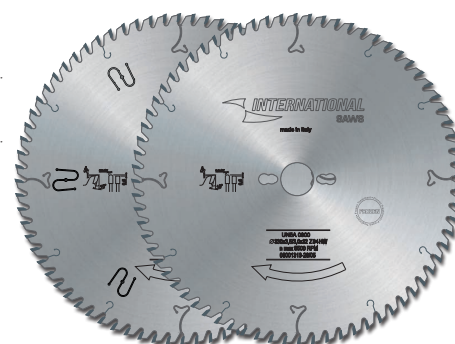
Metalli non ferrosi
Non-ferrous materials



Metalli non ferrosi
Non-ferrous materials



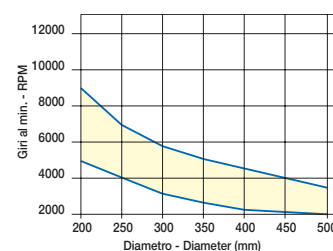
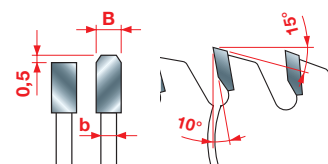
Alluminio
Aluminium



FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
200	2,8	2,2	30	54		UN5A 0100	
250	3,5	3,0	30	60	FT02	UN5A 0200	
250	3,5	3,0	32	60	2/11/63	UN5A 0300	
275	3,5	3,0	40	68	2/9/55+4/12/64	UN5A 0400	
300	3,5	3,0	30	72	FT02	UN5A 0500	
300	3,5	3,0	32	72	2/11/63	UN5A 0600	
300	3,5	3,0	40	72	2/9/55+4/12/64	UN5A 0700	
330	3,5	3,0	30	84	FT02	UN5A 0800	
330	3,5	3,0	32	84	2/11/63	UN5A 0900	
350	3,5	3,0	30	84	FT02	UN5A 1000	
350	3,5	3,0	32	84	2/11/63	UN5A 1100	
350	3,5	3,0	40	84	2/9/55+4/12/64	UN5A 1200	
370	3,5	3,0	30	90		UN5A 1300	
370	3,5	3,0	50	90	4/15/80	UN5A 1400	
380	3,5	3,0	32	96	2/11/63	UN5A 1500	
400	3,5	3,0	30	96	2/11/63	UN5A 1600	
400	3,5	3,0	32	96	2/11/63	UN5A 1700	
400	3,5	3,0	40	96	2/12/64+2/15/80	UN5A 1800	
400	3,5	3,0	50	96	4/15/80	UN5A 1900	
420	3,5	3,0	30	96	2/11/70	UN5A 2000	
450	4,0	3,2	30	108	2/11/63	UN5A 2100	
450	4,0	3,2	32	108	2/11/63	UN5A 2200	
450	4,0	3,2	40	108	2/12/64+2/15/80	UN5A 2300	
450	4,0	3,2	50	108	4/15/80	UN5A 2400	
500	4,0	3,2	30	120	2/10,5/70	UN5A 2500	
500	4,0	3,2	32	120	2/11/63	UN5A 2600	
500	4,0	3,2	50	120	4/15/80	UN5A 2700	

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

UN5B

Lame per il taglio di metalli non ferrosi /
Sawblades to cut non-ferrous metals

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35

Impiego / Application: Per il taglio di profilati e tubolari con spessore da 2 a 5 mm e di pannelli polimerici fino a 20 mm. / To cut drawn products and tubes with a thickness included between 2 and 5 mm, as well as polymeric panels up to 20 mm.

Macchine / Machines: Troncatrici singole o doppie con bloccaggio meccanico del pezzo. / Single or double mitre saws with mechanical clamping of the piece.

Caratteristiche / Features: Piano-trapezoidale con angolo di taglio positivo. / Flat-triple chip tooth with positive cutting angle.

Materiale / Material: Alluminio e metalli non ferrosi, materiali polimerici. / Aluminium and non-ferrous metals, polymeric materials.



Metalli non ferrosi
Non-ferrous materials

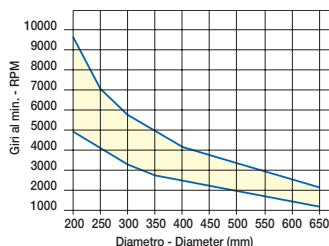
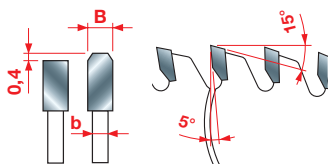


Metalli non ferrosi
Non-ferrous materials



Alluminio
Aluminium

FT02= 2/9/46,4 + 2/10/60



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
200	2,8	2,2	30	64		UN5B 0100	
250	3,5	3,0	30	80	FT02	UN5B 0200	
250	3,5	3,0	32	80	2/11/63	UN5B 0300	
275	3,5	3,0	40	84	2/9/55+4/12/64	UN5B 0400	
300	3,5	3,0	30	88	FT02	UN5B 0500	
300	3,5	3,0	32	88	2/11/63	UN5B 0600	
300	3,5	3,0	40	88	2/9/55+4/12/64	UN5B 0700	
300	3,5	3,0	30	96	FT02	UN5B 0800	
300	3,5	3,0	32	96	2/11/63	UN5B 0900	
300	3,5	3,0	40	96	2/9/55+4/12/64	UN5B 1000	
330	3,5	3,0	30	104	FT02	UN5B 1100	
330	3,5	3,0	32	104	2/11/63	UN5B 1200	
350	3,5	3,0	30	96	FT02	UN5B 1300	
350	3,5	3,0	32	96	2/11/63	UN5B 1400	
350	3,5	3,0	40	96	2/9/55+4/12/64	UN5B 1500	
350	3,5	3,0	30	108	FT02	UN5B 1600	
350	3,5	3,0	32	108	2/11/63	UN5B 1700	
350	3,5	3,0	40	108	2/9/55+4/12/64	UN5B 1800	
370	3,5	3,0	30	112		UN5B 1900	
370	3,5	3,0	50	112	4/15/80	UN5B 2000	
380	3,5	3,0	32	112	2/11/63	UN5B 2100	
400	3,5	3,0	30	120	2/11/63	UN5B 2200	
400	3,5	3,0	32	120	2/11/63	UN5B 2300	
400	3,5	3,0	40	120	2/12/64+2/15/80	UN5B 2400	
400	3,5	3,0	50	120	4/15/80	UN5B 2500	
420	3,5	3,0	30	120	2/11/70	UN5B 2600	
450	4,0	3,2	30	128		UN5B 2700	
450	4,0	3,2	32	128	2/11/63	UN5B 2800	
450	4,0	3,2	40	128	2/12/64+2/15/80	UN5B 2900	
450	4,0	3,2	50	128	4/15/80	UN5B 3000	
500	4,0	3,2	30	140	2/10,5/70	UN5B 3100	
500	4,0	3,2	32	140	2/11/63	UN5B 3200	
500	4,0	3,2	50	140	4/15/80	UN5B 3300	
500	4,0	3,2	80	140	6/7/100	UN5B 3400	
550	4,2	3,5	30	148	2/11/63	UN5B 3500	
550	4,2	3,5	32	148	2/11/63	UN5B 3800	
600	4,8	4,0	30	156		UN5B 3600	
630	4,6	3,8	40	160		UN5B 3700	

Altre misure su richiesta - Special size on request

Lame per il taglio di metalli non ferrosi / Sawblades to cut non-ferrous metals **UN5C**

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35

Impiego / Application: Per il taglio di trafilati pieni con spessore oltre 3 mm. Si consiglia l'uso con la lama sopra il pezzo da tagliare. / To cut solid drawn products with a thickness exceeds 3 mm. It is recommendable to use it with the sawblade over the workpiece to be cut.

Macchine / Machines: Troncatrici con bloccaggio manuale o meccanico del pezzo / Mitre saws with manual or mechanical clamping of the piece.

Caratteristiche / Features: Piano-trapezoidale con angolo di taglio negativo / Flat-triple chip tooth with negative cutting angle.

Materiale / Material: Alluminio e metalli non ferrosi. / Aluminium and non-ferrous metals.



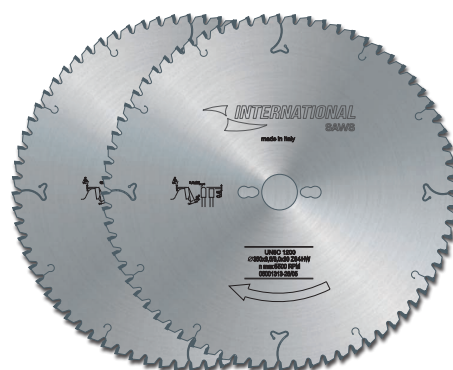
Metalli non ferrosi
Non-ferrous materials



Metalli non ferrosi
Non-ferrous materials



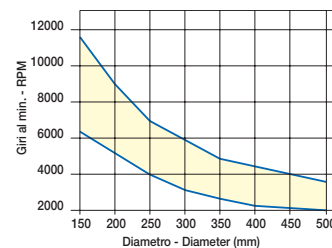
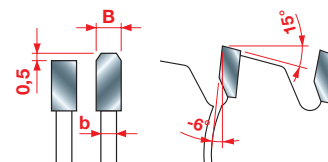
Alluminio
Aluminium



FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
180	2,8	2,2	20	42		UN5C 0100	
180	2,8	2,2	30	42		UN5C 0200	
200	2,8	2,2	30	48		UN5C 0300	
250	3,5	3,0	30	54		UN5C 0400	
250	3,5	3,0	32	54	2/11/63	UN5C 0500	
275	3,5	3,0	40	60		UN5C 0600	
300	3,5	3,0	30	72	FT02	UN5C 0700	
300	3,5	3,0	32	72	2/11/63	UN5C 0800	
300	3,5	3,0	40	72	2/9/55+4/12/64	UN5C 0900	
330	3,5	3,0	30	80		UN5C 1000	
330	3,5	3,0	32	80	2/11/63	UN5C 1100	
350	3,5	3,0	30	84	FT01	UN5C 1200	
350	3,5	3,0	32	84	2/11/63	UN5C 1300	
350	3,5	3,0	40	84	2/9/55+4/12/64	UN5C 1400	
370	3,5	3,0	30	90		UN5C 1500	
370	3,5	3,0	50	90	4/15/80	UN5C 1600	
380	3,5	3,0	32	96	2/11/63	UN5C 1700	
400	3,5	3,0	30	96	2/11/70	UN5C 1800	
400	3,5	3,0	32	96	2/11/63	UN5C 1900	
400	3,5	3,0	40	96	2/15/80+2/12/64	UN5C 2000	
400	3,5	3,0	50	96	4/15/80	UN5C 2100	
420	4,0	3,2	30	96	2/11/70	UN5C 2200	
420	4,0	3,2	40	96		UN5C 2300	
450	4,0	3,2	30	108		UN5C 2400	
450	4,0	3,2	32	108	2/11/63	UN5C 2500	
450	4,0	3,2	40	108	2/15/80+2/12/64	UN5C 2600	
450	4,0	3,2	50	108	4/15/80	UN5C 2700	
500	4,0	3,2	30	120		UN5C 2800	
500	4,0	3,2	32	120	2/11/63	UN5C 2900	
500	4,0	3,2	50	120	4/15/80	UN5C 3000	

Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

UN5D

Lame per il taglio di metalli non ferrosi /
Sawblades to cut non-ferrous metals

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35

Impiego / Application: Per il taglio di profilati e tubolari con spessore fino a 3 mm. Si consiglia l'uso con la lama sopra il pezzo da tagliare. / To cut drawn products and tubes with a thickness ess exceeds 3 mm. It is recommendable to use it with the sawblade over the workpiece to be cut.

Macchine / Machines: Troncatrici con bloccaggio manuale o meccanico del pezzo. / Mitre saws with manual or mechanical clamping of the piece.

Caratteristiche / Features: Piano-trapezoidale con angolo di taglio negativo. / Flat-triple chip tooth with negative cutting angle.

Materiale / Material: Alluminio e metalli non ferrosi, materiali polimerici. / Aluminium and non-ferrous metals, polymeric materials.



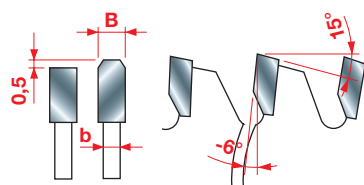
Metalli non ferrosi
Non-ferrous materials



Metalli non ferrosi
Non-ferrous materials

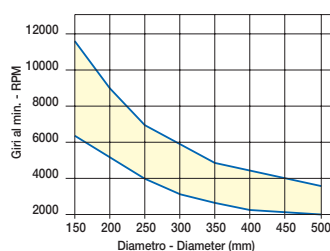


Alluminio
Aluminium



FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
160	2,8	2,2	20	42		UN5D 0100
190	2,8	2,2	30	54		UN5D 0200
200	2,8	2,2	30	60		UN5D 0300
210	2,8	2,2	30	60		UN5D 0400
216	2,8	2,2	30	60		UN5D 0500
220	3,0	2,5	30	64	FT02	UN5D 0600
230	3,0	2,5	30	64		UN5D 0700
250	3,5	3,0	30	80	FT02	UN5D 0800
250	3,5	3,0	32	80	2/11/63	UN5D 0900
250	3,5	3,0	40	80	2/9/55+4/12/64	UN5D 1000
275	3,5	3,0	40	84	2/9/55+4/12/64	UN5D 1100
300	3,5	3,0	30	96	FT02	UN5D 1200
300	3,5	3,0	32	96	2/11/63	UN5D 1300
300	3,5	3,0	40	96	2/9/55+4/12/64	UN5D 1400
330	3,5	3,0	30	104	FT02	UN5D 1500
330	3,5	3,0	32	104	2/11/63	UN5D 1600
350	3,5	3,0	30	108	FT02	UN5D 1700
350	3,5	3,0	32	108	2/11/63	UN5D 1800
350	3,5	3,0	40	108	2/9/55+4/12/64	UN5D 1900
370	3,5	3,0	30	108		UN5D 2000
370	3,5	3,0	50	108	4/15/80	UN5D 2100
380	3,5	3,0	32	108	2/11/63	UN5D 2200
400	3,5	3,0	30	120		UN5D 2300
400	3,5	3,0	32	120	2/11/63	UN5D 2400
400	3,5	3,0	40	120	2/15/80+2/12/64	UN5D 2500
400	3,5	3,0	50	120	4/15/80	UN5D 2600
420	4,0	3,2	30	120	2/11/70	UN5D 2700
420	4,0	3,2	40	120		UN5D 2800
450	4,0	3,2	30	128		UN5D 2900
450	4,0	3,2	32	128	2/11/63	UN5D 3000
450	4,0	3,2	40	128	2/15/80+2/12/64	UN5D 3100
450	4,0	3,2	50	128	4/15/80	UN5D 3200
500	4,0	3,2	30	140		UN5D 3300
500	4,0	3,2	32	140	2/11/63	UN5D 3400
500	4,0	3,2	50	140	4/15/80	UN5D 3500



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.

Lame per il taglio di metalli non ferrosi / Sawblades to cut non-ferrous metals **UN5E**

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35

Impiego / Application: Per il taglio di profilati speciali come tubolari e simili con spessore di parete ultrasottile. Lo spessore ridotto consente di ottenere un ottimo grado di finitura di taglio, senza scheggiature ed ottimizza l'impiego anche su macchine a bassa potenza. / To cut special drawn products, such as tubes and similar products having ultra-thin walls. The reduced thickness allows an excellent cutting finish, without splintering, and optimises its employment in low-power machines, too.

Macchine / Machines: Troncatrici con bloccaggio meccanico del pezzo. / Mitre saws with mechanical clamping of the piece.

Caratteristiche / Features: Piano-trapezoidale con angolo di taglio positivo. / Flat-triple chip tooth with positive cutting angle.

Materiale / Material: Alluminio e metalli non ferrosi. / Aluminium and non-ferrous metals.



Metalli non ferrosi
Non-ferrous materials



Metalli non ferrosi
Non-ferrous materials



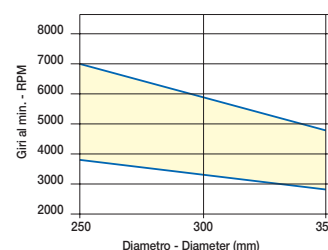
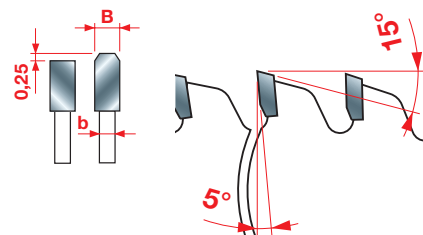
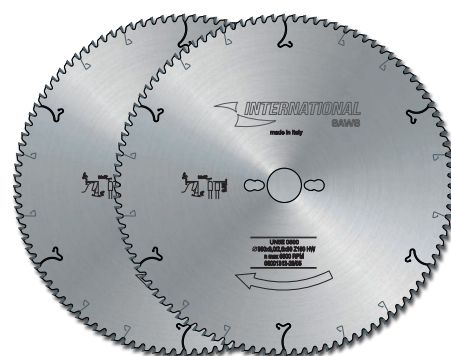
Alluminio
Aluminium

FT01= 2/7/42 + 2/9/46,4 + 2/10/60

FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code	
250	2,8	2,2	30	100	FT02	UN5E 0100	
250	2,8	2,2	32	100	2/11/63	UN5E 0200	
255	2,8	2,2	25,4	100		UN5E 0300	
255	2,8	2,2	25,4	120		UN5E 0400	
300	3,0	2,5	30	100	FT02	UN5E 0500	
300	3,0	2,5	30	120	FT02	UN5E 0700	
300	3,0	2,5	32	120	2/11/63	UN5E 0800	
305	3,0	2,5	25,4	120		UN5E 0600	
350	3,0	2,5	30	100	FT01	UN5E 0900	
350	3,0	2,5	32	100	2/11/63	UN5E 1000	
350	3,0	2,5	30	120	FT02	UN5E 1100	
350	3,0	2,5	32	120	2/11/63	UN5E 1200	

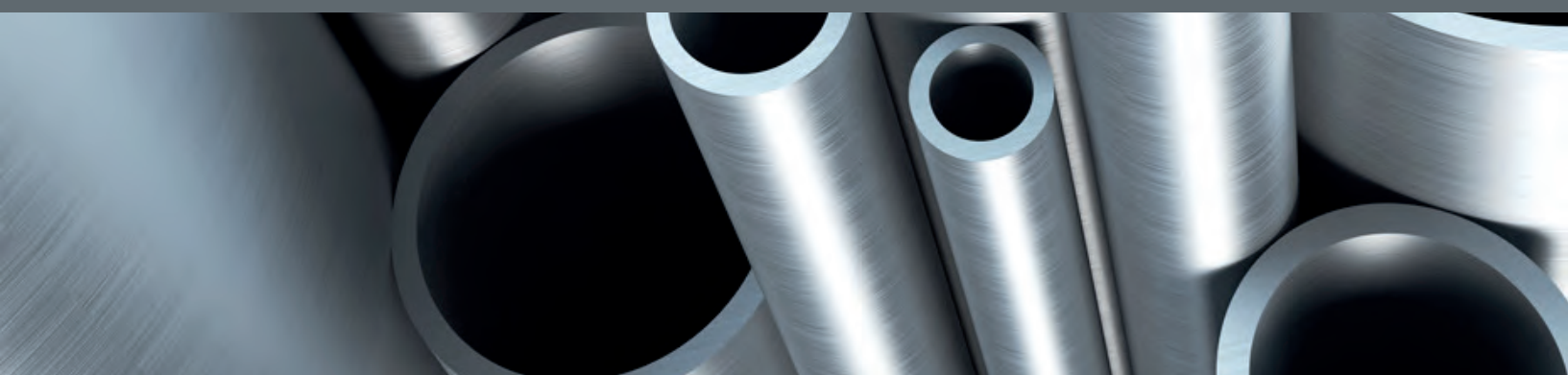
Altre misure su richiesta - Special size on request



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



LAME PER METALLI FERROSI
SAWBLADES FOR FERROUS MATERIALS



Lame per il taglio di metalli ferrosi / Sawblades to cut ferrous metals **UN6A**

P10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35

Impiego / Application: Per il taglio di profilati, tubolari e tondini pieni. / To cut drawn products, tubes and iron rod.



Metalli ferrosi
Ferrous metals



Macchine / Machines: Troncatrici a bassa velocità di rotazione con taglio a secco (senza lubrificanti). / Mitre saws in low-power dry cut (without lubricants).

Caratteristiche / Features: Dentatura piano-trapezoidale. / Flat-triple chip tooth.

Materiale / Material: Per metalli ferrosi, acciaio dolce, rame ecc. / For ferrous metals, mild steel, copper etc.



Tubi sez. generica
Tubing



Profilati
Section



Tubi sez. circolare
Pipe



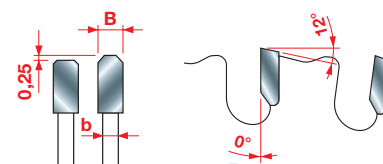
Angolari
Angle iron



FT02= 2/9/46,4 + 2/10/60

D mm	B mm	b mm	d mm	Z	FT PH	Codice Code
160	2,0	1,6	20	30		UN6A 0100
184	2,0	1,6	15,88	38		UN6A 0200
190	2,0	1,6	30	38		UN6A 0300
210	2,0	1,6	30	40		UN6A 0400
216	2,0	1,6	30	40		UN6A 0500
230	2,2	1,8	30	48		UN6A 0600
230	2,4	2,0	25,4	44		UN6A 0700
250	2,4	2,0	30	48	FT01	UN6A 0800
254	2,4	2,0	25,4	50		UN6A 0900
255	2,4	2,0	25,4	60		UN6A 1000
300	2,6	2,2	30	60		UN6A 1700
300	2,6	2,2	30	80		UN6A 1800
305	2,6	2,2	25,4	60		UN6A 1100
305	2,6	2,2	25,4	80		UN6A 1200
350	2,6	2,2	30	72	FT01	UN6A 1300
350	2,6	2,2	30	90	FT01	UN6A 1400
355	2,6	2,2	25,4	72		UN6A 1500
355	2,6	2,2	25,4	90		UN6A 1600

Altre misure su richiesta - Special size on request



ATTENZIONE: Le lame sopra non sono indicate per tagliare i seguenti materiali:

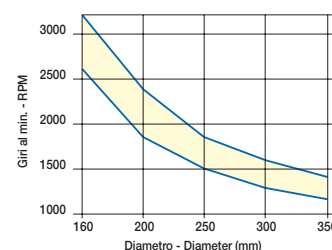
- Metalli non ferrosi (alluminio)
- Legno, vetro, conglomerati, ecc.

Assicurarsi che i pezzi da tagliare siano saldamente bloccati.

WARNING: The above-mentioned sawblades are not suitable to cut the following materials:

- Non-ferrous metals (aluminium)
- Wood, glass, conglomerate, etc.

Make sure that the workpieces to be cut are well fastened.



Fascia del numero di giri minimo e massimo consigliati in funzione del Ø della lama. / Minimum and maximum RPM based on the blade diameter.



TRUCIOLATORI CON COLTELLI A GETTARE
T.C.T. HOGGING UNITS WITH TURNOVER KNIVES

Truciolatori con coltelli a gettare in HW T.C.T. hogging units with HW turnover knives

TR1A

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35



Avanzamento meccanico
Automatic feed



Rotazione dx e sx
Right and left hand



Coltelli a gettare
Disposable knives

Macchine / Machines: Squadratrici singole e doppie. / Single-side or double-end tenoners.

Caratteristiche / Features: Lame applicabili: SH1A/S - SH1D/S Dotato di coltelli a gettare in HW, disposti con sviluppo a forma elicoidale. Notevole truciolamento. Facile avanzamento. / Spare sawblades: SH1A/S - SH1D/S. Supplied with disposable knives fitted with double spiral disposition. Excellent chipping. Easy feed rate.

Impiego / Application: Ideale per la squadratura di pannelli composti, grezzi e rivestiti. / Particularly indicated for squaring wood composites, unprocessed and covered panels.



Impiallacciato
Veneered



Bilaminato
Bilaminate



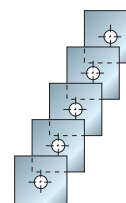
TR1A 100 S

TR1A 100 D



I coltelli sono disposti seguendo un allineamento elicoidale e si possono utilizzare 8 volte (4 volte a destra + 4 volte a sinistra).

The knives are set on a spiral providing a shear cutting action. The knives can be used 8 times (4 times for the right hand rotation and 4 times for the left hand rotation).



D mm	B mm	d mm	Z	Codice destro Code right	Codice sinistro Code left
250	30	60	24	TR1A 100 D	TR1A 100 S
250	30	80	24	TR1A 200 D	TR1A 200 S

Parti di ricambio Spare parts	Dimensioni Dimensions	Codice Code
 Coltello / Knife	12x12x1,5	CO10 0012
 Cuneo destro / Right Wedge	15x11x9	M90NCD 9GA
 Cuneo sinistro / Left Wedge	15x11x9	M90NCS 9GA
 Vite / Screw	M6x22	M91TV 9BA
 Ogiva / Nut	10x11,5x6	M02TV 9AA
 Vite / Screw	M6x10	M10TV 9AA
 Chiave / Allen key	3x110	M30BC 9AA

Mozzi per truciolatori / Mounting sleeves for hogging units

M10TM

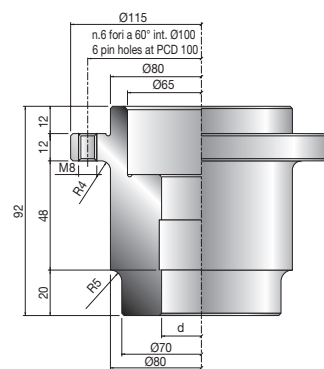
Il codice M10TM include l'operazione di fissaggio al truciolatore.

N.B.: L'accoppiamento deve essere eseguito in sede e solo con truciolatori International Saws.

Item M10TM includes the fixing operation of the mounting sleeve to the hogging unit.

Note: The fixing must be done in our factory and only on International Saws hoggers. The mounting sleeve must be ordered together with the hogging units item TR1A.

d mm	CH KN	Codice Code
35	10x4	M10TM 9AA
40	10x4	M10TM 9AB



LAVORAZIONI OPZIONALI E ACCESSORI PER LAME CIRCOLARI

OPTIONAL WORKING AND ACCESSORIES FOR SAWBLADE

BR15 Bussole di riduzione rettificate per lame circolari / Standard reduction rings for sawblades			
D mm	B mm	d mm	Codice Code
20	1,5	16	BR15 2016
30	1,5	16	BR15 3016
30	1,5	20	BR15 3020
30	1,5	25	BR15 3025

BR20 Bussole di riduzione rettificate per lame circolari / Standard reduction rings for sawblades			
D mm	B mm	d mm	Codice Code
30	2,0	16	BR20 3016
30	2,0	20	BR20 3016
30	2,0	25	BR20 3025
32	2,0	30	BR20 3230

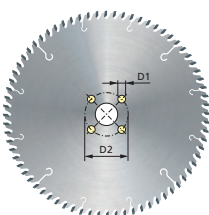
60TPO Chiavette standard / Standard keyways			
D mm	B mm	d mm	Codice Code
10	5		60TPO 9AA
12	5		60TPO 9AB
12,5	4		60TPO 9AC
13	5		60TPO 9AD
15	5		60TPO 9AE
17	5		60TPO 9AF
18	5		60TPO 9AG
21	5		60TPO 9AH

70TPO Chiavette speciali / Special keyways			
D mm	B mm	d mm	Codice Code
			70TPO 9AA

80TPO Allargatura foro lame / Special reboring			
D mm	B mm	d mm	Codice Code
			80TPO 9AA

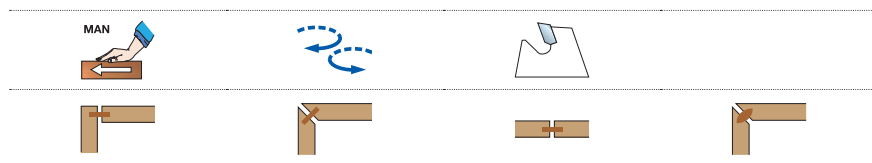
OFTPO Fori di trascinamento / Safety pin holes for saws	
Numero Fori Number of Holes	Codice Code
1	OFTPO 9AA
2	OFTPO 9BA
3	OFTPO 9CA
4	OFTPO 9DA
5	OFTPO 9EA
6	OFTPO 9FA
7	OFTPO 9GA
8	OFTPO 9MA
10	OFTPO 9HA

Indicare il n. di fori, il loro diametro (D1) e l'interasse (D2).
Specify no. of pin holes, diameter (D1) and PCD (D2).



Fresa per incastri lamellari / Braze cutter for biscuit joiners **FRIN**

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35



Fresa con limitatore di truciolo per incastri di ottima qualità su legni teneri e duri lungo vena e tra-verso vena; su multistrato, truciolari, laminati ed MDF.

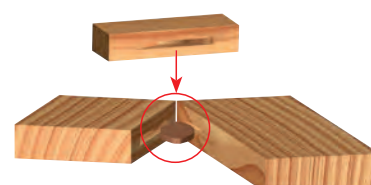
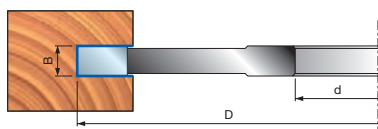
Braze cutter with anti-kickback device for good quality grooving on soft and hard wood, both cross cutting and ripping, on chipboard, compressed Laminate woods and MDF.

Utensili collaudati secondo la normativa

Tools tested according to the norm

• EN 847-1 •

D mm	B mm	d mm	Z	Codice Code
100	3,95	22	6	FRIN 0100



Fresa per incastri / Braze cutter **FRIN**

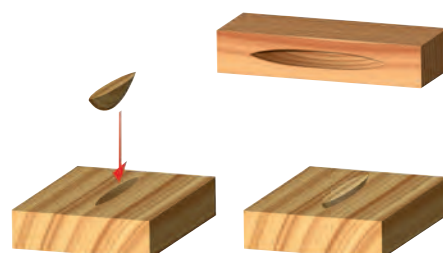
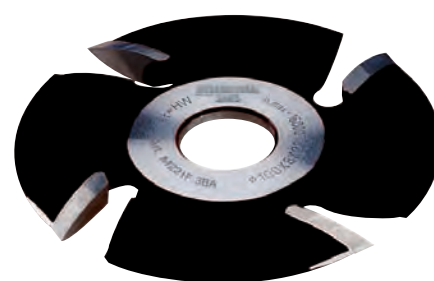
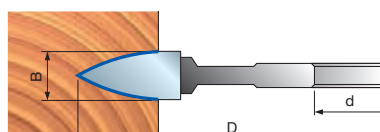
H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35



Fresa con corpo rivestito in materiale antiaderente, utilizzata per la riparazione di sacche di resi-na, fessure, bordi danneggiati ed altre imperfezioni del legno.

Braze cutter with non-stick coated body. Device for patching resin pockets, cracks, damaged edges and other wood flaws.

D mm	B mm	d mm	Z	Codice Code
100	8	22	4	FRIN 0200





COLTELLI & INSERTI
KNIVES AND INSERT

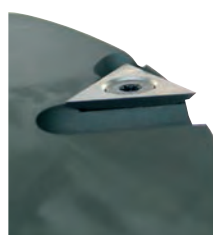
TECHNOLOGICAL FEATURES

International Saws tools are a superior quality product, because they are produced using the most advanced technology, the best quality materials and the highly qualified personnel. Each accessory and spare part is developed from a production process, capable of guaranteeing constant quality control and perfect interchangeability in time. In the following pages we will describe the characteristics and functions of the various International Saws inserts and spurs available.

- Spurs are inserts laterally positioned on a cutterheads body. They give a better finish on the side rebates of a profile. For this aim, International Saws uses a triangular insert (RA20 - Fig. 1 and 2), constructed in Hard metal to obtain a longer duration of the cutting edge, mounted on cutterheads with disposable knives and Performance cutterheads. The 22 mm cutting edge allows the spur to work the rebate's whole depth, which generally and particularly in the case of windows, doesn't exceed 18 mm of depth.
- The triangular spur's particular conformation allows a positioning on the tool so as to obtain a positive hook angle, which combined with the scale of work just described, guarantees an excellent finish on the work surface. The front of the spur gives a uniform distribution of the shavings for a better finish.
- Competitors generally use a square shaped spur (dimensions: 14x14x2 mm), with naturally limited efficiency, caused by its geometry as well as by its reduced size. These characteristics and the negative hook angle conferred by the positioning of the spur on the tool, do not allow it to work the whole depth of the rebate. The surface obtained will therefore have a precarious finish with possible signs of marking. International Saws occasionally uses this type of spur (RA10 - Fig. 3), for objective reasons such as insufficient space for the positioning of the spur.
- Beveling and rounding inserts are used to eliminate hard edges from work pieces. Other than give a better aesthetic finish, they also allow paint and varnish to be distributed in a more uniform way. Infact, paint and other coating substances, tend to accumulate and become clogged between the hard edges and once dry, tend to peel and lose their protective qualities, exposing the wood to all types of atmospheric conditions (Fig. 4).



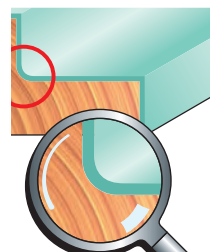
1



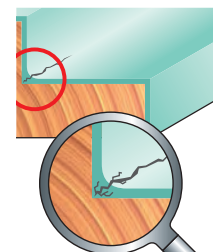
2



3



4

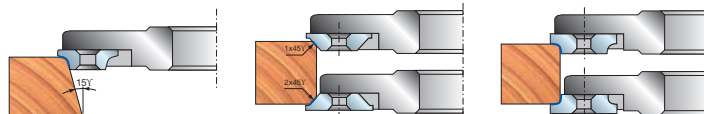


Triangular rounding spur (RA30 - Fig. 5): this spur carries out the same function as the triangular spur, but possess a rounded side and carries out a rounding joint of the hard edge on the inside of the rebate. Suitable for carrying out casings or when the material has to be painted or varnished.

- 45° bevelling insert with shear angle (IN45 - Fig. 7 and 8): insert produced in hard metal, in which characteristics have been improved from the previous inserts. Has 4 cutting edges whose geometrical configuration permits both right and left hand rotation. The shear angle consents a better finish in the various woodworking conditions, for both long grain and cross grain. The reduced dimensions with respect to the previous inserts allow the insert to be positioned more easily and efficiently.
- Rounding insert with shear angle (INRA - Fig. 7 and 8): produced with the same technology, both in its construction as well as in its geometry as the IN45 bevelling inserts, with the only variant of carrying out the rounding of the hard edges. Even these inserts are interchangeable with the INRA bevelling inserts, always keeping in consideration the operational combinations. (See example Fig. 6).
- Grooving insert (CI40 D/S - Fig. 9): produced in hard metal and particularly usefull for carrying out seats and canals for the application of rubber seals and aluminium profiles. The maximum groove depth obtainable is 11 mm. In certain situations it is possible to obtain a greater depth, but limited to only one side of the groove and only if the cutterhead has spurs that intervene on the part exceeding 11 mm, so as to insure a good finish on the work surface.



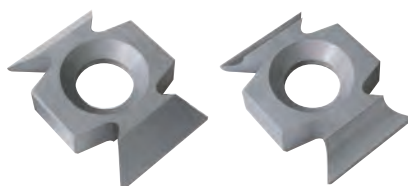
5



6



7



8



9

- Fundamentally, the various grades of hard metal differ, from the proportions of carbide, tungsten, cobalt and titanium and from the granulosity of the powder. Softer and more tenacious grades of hard metal, contain a greater percentage of cobalt (10%) and are used in the production of tools for cutting soft wood. On the contrary, a hard metal with a low percentage of cobalt (3%) is used for working chipboard panels, laminates, veneer, medium density, etc.
- The use of extremely fine powder has rendered hard metal even more compact and therefore reduced the possibility of abrasion of the cutting edge, with a consequent improvement in the cutting finish, not to mention the duration of the tool, especially regarding brazed cutters. The granulosity of certain powders vary from 2 µm, used on materials where a high tenacity level is needed, 1 µm for standard grades, to 0,8 µm (known as micrograin), used on tools that need a very high grade hardness, given the heavy and wearing work the tool will have to undergo. A granulosity of 0,5 µm brings hardness levels way over the 2000 Vickers and will be used in extreme cases.

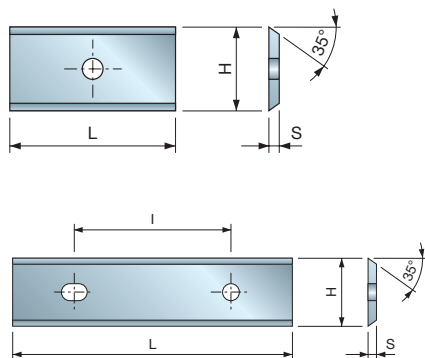
Guida alla scelta del coltello Choose the right tools		 Legno Tenero Soft wood	 Legno duro Hard wood	 Multistrato Plywood	 Laminato Laminate	 MDF	 Materiali plastici Plastic material
Maggiore Tenacità Increasing Impact Strength	H30S	Durezza Vickers Hardness 1430 Tenacità Transverse ropture 11,26 Densità Density (gr/cm³) 13,96	CO 22 CO 81	CO 60 CO 22 CO 81			
	H20S	Durezza Vickers Hardness 1540 Tenacità Transverse ropture 9,51 Densità Density (gr/cm³) 14,20	RA 20 RA 30 RA 10 CI 30	RA 20 RA 30 RA 10	RA 20 RA 30 RA 10	RA 20 RA 30 RA 10	RA 20 RA 30 RA 10
	X10TS	Durezza Vickers Hardness 1650 Tenacità Transverse ropture 9,38 Densità Density (gr/cm³) 13,96	CO 1A CO 2A	CO 1A CO 1A		CO 1A CO 1A	
	H10S	Durezza Vickers Hardness 1620 Tenacità Transverse ropture 8,94 Densità Density (gr/cm³) 14,35	CO 26 CO 71	CO 26 CO 71	CO 26	CO 26	CO 26
	K10S	Durezza Vickers Hardness 1850 Tenacità Transverse ropture 8,12 Densità Density (gr/cm³) 14,61	CO 80	CO 80	CO 80	CO 80	CO 80
	H00S	Durezza Vickers Hardness 1860 Tenacità Transverse ropture 7,64 Densità Density (gr/cm³) 14,71	CO 10	CO 10	CO 10	CO 10	CO 10
	H01K	Durezza Vickers Hardness 1870 Tenacità Transverse ropture 8,22 Densità Density (gr/cm³) 14,36	CO 62	CO 62		CO 62	CO 62
	H00K	Durezza Vickers Hardness 1930 Tenacità Transverse ropture 7,68 Densità Density (gr/cm³) 14,71			CO 50	CO 50	CO 50
	H00XA	Durezza Vickers Hardness 2070 Tenacità Transverse ropture 7,71 Densità Density (gr/cm³) 14,73	RA 42	RA 42	RA 42	CO 40* RA 42	CO 40* RA 42
	H00XF	Durezza Vickers Hardness 2300 Tenacità Transverse ropture 7,73 Densità Density (gr/cm³) 14,63				CO 20*	CO 20*

* Non valido per pannelli contenenti materiali estranei

* Not for board containing foreign materials.

CO80 Coltelli reversibili in HW / HW - Disposable knives

K01S: Durezza / Vickers Hardness 1850 - Tenacità / Transverse ropture 8,12 - Densità / Density (gr/cm³) 14,61



Legno tenero
Soft wood



Legno duro
Hard wood



MDF
MDF



Laminato
Laminate



Multistrato
Plywood



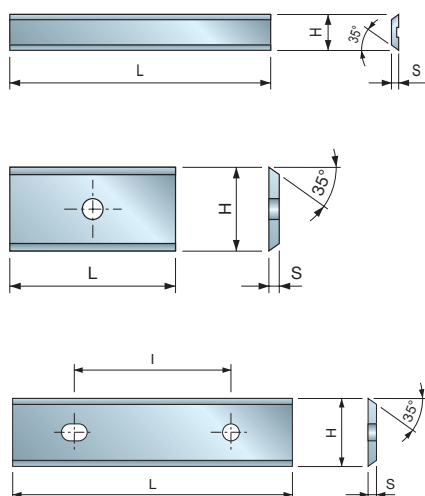
Materiali plastici
Plastic material

Impiego / Application: Prodotto in HW di media durezza, adatto per un uso "universale"./
Constructed with a medium hardness HW ideal for universal use.

L mm	H mm	S mm	I	Codice Code
7,6	12	1,5		CO80 0076
8,6	12	1,5		CO80 0086
9,6	12	1,5		CO80 0096
11,6	12	1,5		CO80 0116
12	12	1,5		CO80 0012
15	12	1,5		CO80 0015
15,6	12	1,5		CO80 0156
20	12	1,5		CO80 0020
24	12	1,5		CO80 0024
30	12	1,5	14	CO80 0030
40	12	1,5	26	CO80 0040
50	12	1,5	26	CO80 0050
60	12	1,5	26	CO80 0060

CO10 Coltelli reversibili in HW / HW - Disposable knives

H00S: Durezza / Vickers Hardness 1860 - Tenacità / Transverse ropture 7,64 - Densità / Density (gr/cm³) 14,71



Legno tenero
Soft wood



Legno duro
Hard wood



MDF
MDF



Laminato
Laminate



Multistrato
Plywood



Materiali plastici
Plastic material

Impiego / Application: Prodotto in HW di media durezza, adatto per un uso "universale"./
Constructed with a medium hardness HW ideal for universal use.

L mm	H mm	S mm	I	Codice Code
20	5,5	1,1		CO10 0020
30	5,5	1,1		CO10 0030
40	5,5	1,1		CO10 0040
50	5,5	1,1		CO10 0050
80	13	2,2	60	CO10 0080

Coltelli reversibili in HW CO01

HW - Disposable knives

H00S: Durezza / Vickers Hardness 1860 - Tenacità / Transverse ropture 7,64 - Densità / Density (gr/cm³) 14,71



Legno tenero
Soft wood



Legno duro
Hard wood



MDF
MDF



Laminato
Laminate



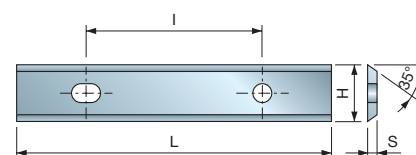
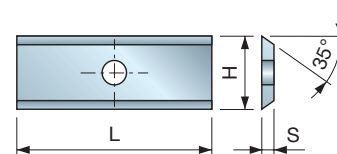
Multistrato
Plywood



Materiali plastici
Plastic material

Impiego / Application: Prodotto con HW di media durezza, adatto per un uso "universale". / Constructed with a medium hardness HW ideal for universal use.

L mm	H mm	S mm	I	Codice Code
7,5	9,0	1,5		CO01 0075
9,6	9,0	1,5		CO01 0096
12	9,0	1,5		CO01 0012
14,6	9,0	1,5		CO01 0146
20	9,0	1,5		CO01 0020
30	9,0	1,5	14	CO01 0030
40	9,0	1,5	26	CO01 0040
50	9,0	1,5	26	CO01 0050
60	9,0	1,5	26	CO01 0060



Coltelli reversibili in HW CO62

HW - Disposable knives

H01K: Durezza / Vickers Hardness 1870 - Tenacità / Transverse ropture 8,22 - Densità / Density (gr/cm³) 14,36



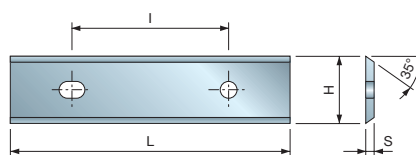
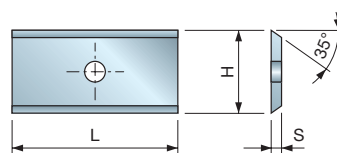
Legno tenero
Soft wood

40%

Durano fino al 40% in più rispetto ai coltelli CO80.
UP TO 40% longer life than knives CO80.

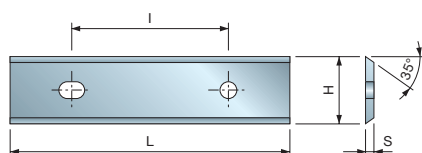
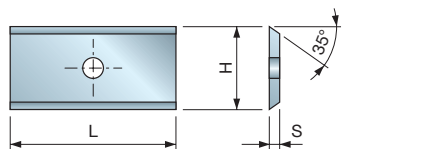
Impiego / Application: In HW di durezza media e buona tenacità per un uso "universale", da preferire all'articolo CO80 per uso su legni duri e sabbiosi. / Constructed with a fine hardness HW, ideal for universal use. Better than item CO80 for working hardwoods and sandy woods.

L mm	H mm	S mm	I	Codice Code
7,6	12	1,5		CO62 0076
9,6	12	1,5		CO62 0096
11,6	12	1,5		CO62 0116
12	12	1,5		CO62 0012
15	12	1,5		CO62 0015
20	12	1,5		CO62 0020
24	12	1,5		CO62 0024
30	12	1,5	14	CO62 0030
50	12	1,5	26	CO62 0050
60	12	1,5	26	CO62 0060



CO50 Coltelli reversibili in HW - H00K / HW - Disposable knives - H00K

H00K: Durezza / Vickers Hardness 1930 - Tenacità / Transverse ropture 7,68 - Densità / Density (gr/cm³) 14,71



Laminato
Laminate



MDF
MDF



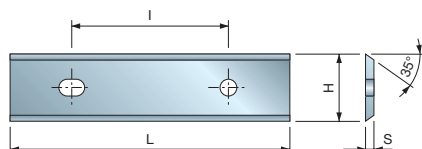
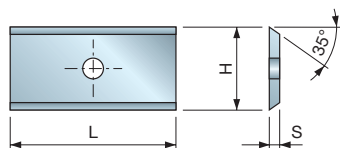
Impiallacciato
Veneered

Impiego / Application: Prodotto in HW di media durezza, adatto per truciolare laminato, MDF e altri derivati del legno. / Constructed with a medium hardness HW ideal for working melamine, chipboard panels, MDF and other wood composites.

L mm	H mm	S mm	I	Codice Code
12	12	1,5		CO50 0012
20	12	1,5		CO50 0020
30	12	1,5	14	CO50 0030
50	12	1,5	26	CO50 0050

CO40 Coltelli reversibili in HW HW - Disposable knives

H00XA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73



Laminato
Laminate



MDF
MDF



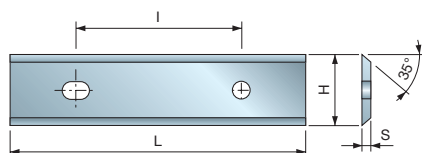
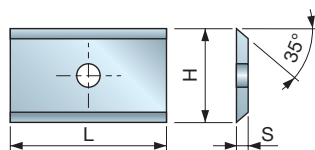
Impiallacciato
Veneered

Impiego / Application: Prodotto in HW di elevata durezza per la lavorazione di truciolare laminato, MDF ed altri derivati del legno. / Produced with a high-hardness HW. Indicated for working melamine chipboard panels, veneer, MDF and other wood composites.

L mm	H mm	S mm	I	Codice Code
12	12	1,5		CO40 0012
15	12	1,5		CO40 0015
20	12	1,5		CO40 0020
30	12	1,5	14	CO40 0030
50	12	1,5	26	CO40 0050

CO20 Coltelli reversibili in HW / HW - Disposable knives

H00XF: Durezza / Vickers Hardness 2300 - Tenacità / Transverse ropture 7,73 - Densità / Density (gr/cm³) 14,71



Laminato
Laminate



MDF
MDF



Multistrato
Plywood

Impiego / Application: Costruiti in HW ad elevatissima durezza, indicato per truciolare laminato, MDF, HDF, derivati del legno e derivati plastici. / Constructed with a highly resistant HW. Especially indicated to work melamine chipboard panels, MDF, HDF wood composites and plastic materials.

L mm	H mm	S mm	I	Codice Code
12	12	1,5		CO20 0012
20	12	1,5		CO20 0020
30	12	1,5	14	CO20 0030
40	12	1,5	26	CO20 0040
50	12	1,5	26	CO20 0050
60	12	1,5	26	CO20 0060

Coltelli reversibili in HW HW - Disposable knives **CO22**

H30S: Durezza / Vickers Hardness 1430 - Tenacità / Transverse ropture 11,26 - Densità / Density (gr/cm³) 13,96



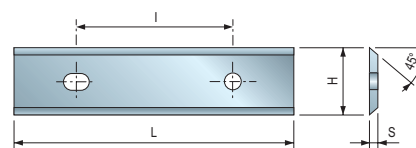
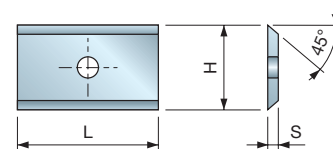
Legno tenero
Soft wood



Legno duro
Hard wood

Impiego / Application: In HW di media durezza ed elevata tenacità, permette angoli di spoglia più accentuati. Ideale per legni naturali teneri. / Constructed in medium-hardness and high-toughness HW, with an elevated hook angle. Particularly indicated for working natural softwoods.

L mm	H mm	S mm	I	Codice Code
7,6	12	1,5		CO22 0076
9,6	12	1,5		CO22 0096
14,6	12	1,5		CO22 0146
20	12	1,5		CO22 0020
25	12	1,5	14	CO22 0025
30	12	1,5	14	CO22 0030
40	12	1,5	26	CO22 0040
50	12	1,5	26	CO22 0050
60	12	1,5	26	CO22 0060



Coltelli reversibili in HW HW - Disposable knives **CO60**

H30S: Durezza / Vickers Hardness 1430 - Tenacità / Transverse ropture 11,26 - Densità / Density (gr/cm³) 13,96



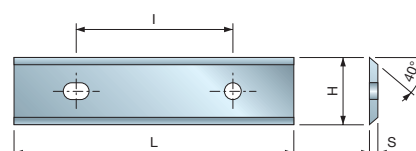
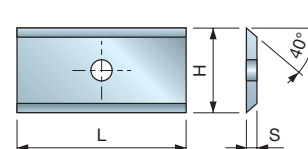
Legno tenero
Soft wood



Legno duro
Hard wood

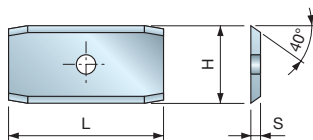
Impiego / Application: HW di media durezza ed elevata tenacità, permette angoli di spoglia più accentuati. Ideale per legni naturali teneri e duri. / Constructed in medium-hardness and high-toughness HW, with an elevated hook angle. Particularly indicated for working natural soft and hardwoods.

L mm	H mm	S mm	I	Codice Code
12	12	1,5		CO60 0012
20	12	1,5		CO60 0020
24	12	1,5		CO60 0024
30	12	1,5	14	CO60 0030
40	12	1,5	26	CO60 0040
50	12	1,5	26	CO60 0050
60	12	1,5	26	CO60 0060



CO71 Coltelli reversibili a botte in HW / HW - Disposable knives with end bevels

H10S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35



Legno tenero
Soft wood



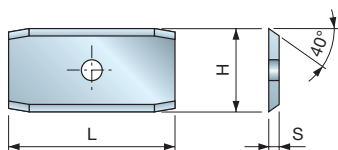
Legno duro
Hard wood

Impiego / Application: Costruito con HW di durezza medio-alta, elevate tenacità ed elasticità. Ideale per la lavorazione di legni duri e sabbiosi. / Produced in hard metal with medium-high values of hardness and high toughness and elasticity levels. Adapted for working hardwoods with particularly sandy and abrasive surfaces (exotic woods).

L mm	H mm	S mm	I	Codice Code
24	12	1,5		CO71 B024

CO81 Coltelli reversibili a botte in HW / HW - Disposable knives with end bevels

H30S: Durezza / Vickers Hardness 1430 - Tenacità / Transverse ropture 11,26 - Densità / Density (gr/cm³) 13,96

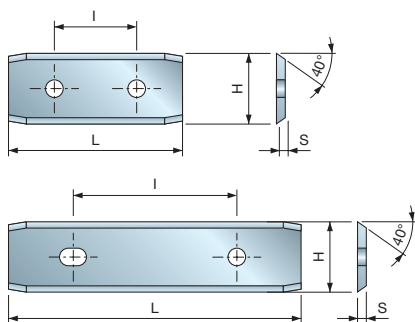


Legno tenero
Soft wood



Legno duro
Hard wood

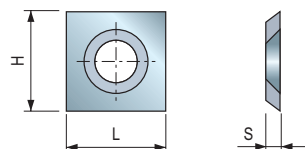
Impiego / Application: In HW di media durezza ed elevata tenacità, permette angoli di spoglia più accentuati. Ideale per legni naturali teneri e duri. / Constructed in medium-hardness and high-toughness HW, with an elevated hook angle. Particularly indicated for working natural soft and hardwoods.



L mm	H mm	S mm	I	Codice Code
24	12	1,5		CO81 B024
30	12	1,5	14	CO81 B030
50	12	1,5	26	CO81 B050

RA10 Rasanti in HW / HW - Square disposable spurs

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20



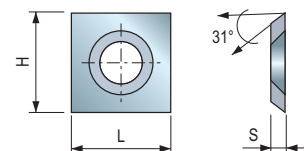
Impiego / Application: Prodotto con HW di media durezza, adatto per un uso "universale". / Produced in hard metal with medium-high values of hardness and high toughness and elasticity levels. Adapted for working hardwoods with particularly sandy and abrasive surfaces (exotic woods).

L mm	H mm	S mm	Z	Codice Code
14	14	2,0	4	RA10 0001
14	14	1,2	4	RA10 0002

Rasanti in HW / HW - Square disposable spurs **RA42**

HOOXA: Durezza / Vickers Hardness 2070 - Tenacità / Transverse ropture 7,71 - Densità / Density (gr/cm³) 14,73

Impiego / Application: Costruito in HW ad elevatissima durezza, indicato per truciolare laminato, MDF, HDF, derivati del legno e derivati plastici. / Constructed with a highly resistant HW. Especially indicated to work melamine chipboard panels, MDF, HDF wood composites and plastic materials.

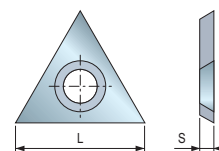


L mm	H mm	S mm	Z	Codice Code
14	14	2,0	4	RA42 0001

Rasanti triangolari in HW / HW - triangular disposable spurs **RA20**

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20

Impiego / Application: Prodotto con HW di media durezza, adatto per un uso "universale".
/ Constructed with a medium hardness HW, ideal for universal use..

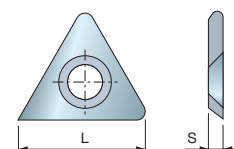


L mm	H mm	S mm	Z	Codice Code
22,86		2,5	3	RA20 0001

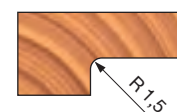
Rasanti triangolari in HW / HW - triangular disposable spurs **RA30**

H01S: Durezza / Vickers Hardness 1620 - Tenacità / Transverse ropture 8,94 - Densità / Density (gr/cm³) 14,35

Impiego / Application: Prodotto con HW di media durezza, adatto per un uso "universale".
Constructed with a medium hardness HW, ideal for universal use.

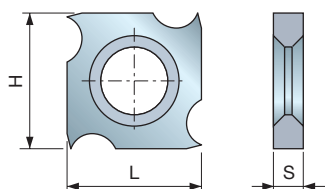


L mm	H mm	S mm	I	Codice Code
21,9		2,5	1,5	RA30 0001



CI30 Coltelli in HW per incastri / HW - Disposable four cutting edges knives

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20



Legno tenero
Soft wood



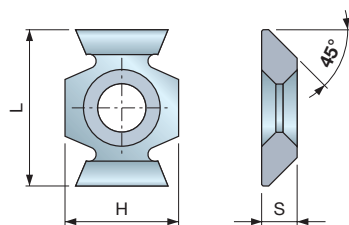
Legno duro
Hard wood

Impiego / Application: Costruito con HW di media durezza, adatto per taglio di legni naturali duri e teneri. / Constructed in medium-hardness HW, indicated for working soft and hardwoods.

L mm	H mm	S mm	Codice Code
18	18	1,9	CI30 0001
18	18	2,9	CI30 0002
18	18	4,0	CI30 0003
18	18	5,5	CI30 0004

IN45 Inserti smussatori in HW a 45° con angolo assiale / HW - Bevelling inserts with shear angle

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20

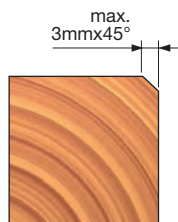


Legno tenero
Soft wood



Legno duro
Hard wood

Impiego / Application: Inserto per smussi dotato di n°4 taglienti. Utilizzabile in entrambi i sensi di rotazione. Indicato per la lavorazione di legni naturali teneri e duri. Intercambiabile con gli inserti raggiatori tipo INRA. / Bevelling insert with double rotation sense and 4 cutting edges (2 for right hand rotation and 2 for left hand rotation). Indicated for working natural soft and hardwood. Perfectly interchangeable with rounding inserts INRA.



L mm	H mm	S mm	Z	Codice Code
22	16	5,0	2	IN45 0001

Inserti raggiatori con angolo assiale in HW / HW - Rounding inserts with shear angle **INRA**

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20

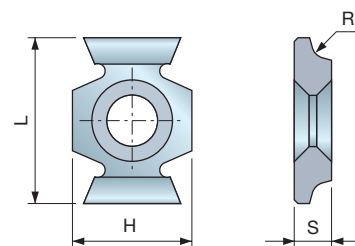


Legno tenero
Soft wood



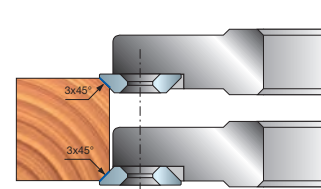
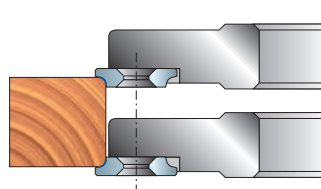
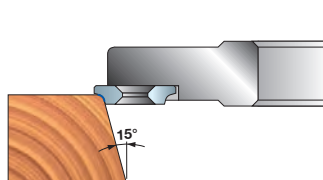
Legno duro
Hard wood

Impiego / Application: Inserto per raggi dotato di n°4 taglienti. Utilizzabile in entrambi i sensi di rotazione. Indicato per la lavorazione di legni naturali teneri e duri. Intercambiabile con gli inserti smussatori tipo IN45. / Rounding inserts with double rotation sense and 4 cutting edges (2 for right hand rotation and 2 for left hand rotation). Indicated for working natural soft and hardwood. Perfectly interchangeable with bevelling inserts IN45.



L mm	H mm	S mm	R	Codice Code
22	16	5,0	1,5	INRA 0001
22	16	5,0	2,0	INRA 0002
22	16	5,0	3,0	INRA 0003

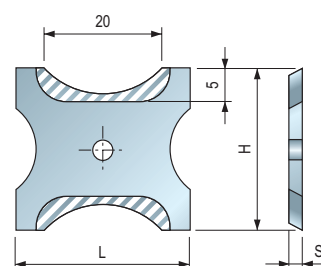
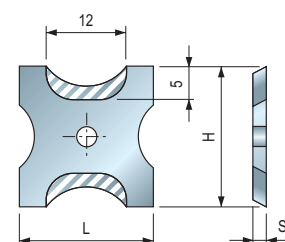
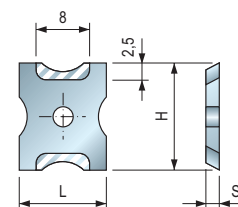
Esempi di applicazione degli inserti M15GI
e M25GI / Example of application of inserts
M15GI and M25GI



Coltelli profilati a gettare in HW - esecuzione speciale **COPR** HW - Special profiled knives

Impiego / Application: Coltelli con 2 lati profilati. Il quantitativo minimo ordinabile è di 20 pezzi per lo stesso coltello. Il profilo da ottenere deve essere compreso entro le dimensioni delle aree tratteggiate. Il codice è puramente indicativo e vale solo come proposta d'ordine. / Knives with 2 profile edges. Minimum order quantity: 1 set of 20 knives of the same type. The profile obtainable must be within the shaded area. Her code is only guideline and is only applicable while order is being processed.

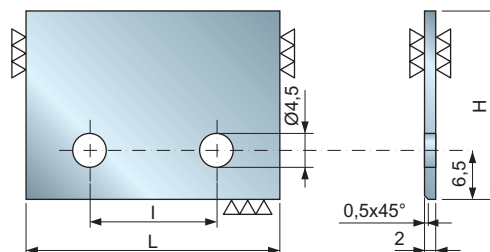
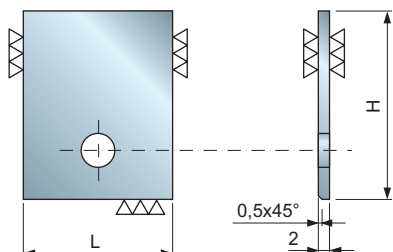
L mm	H mm	S mm	Z	Codice Code
13	16	2,0		COPR H301
20	21	2,0		COPR H302
26	24	2,0		COPR H303



CO1A/2A

Coltelli Performance in HW micrograno - spessore 2mm - coltelli LAPPATi /
HW - Performance knives micro-grain carbide - 2mm thickness - lapped knives

X10TS: Durezza / Vickers Hardness 1650 - Tenacità / Transverse ropture 9,38 - Densità / Density (gr/cm³) 13,96



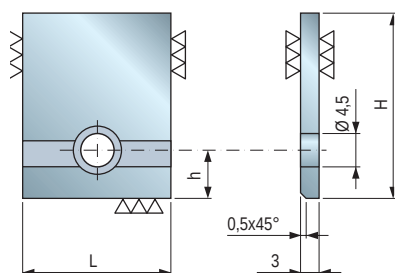
L mm	H mm	S mm	I	Fori Holes	Codice Code
15	15	2,0		1	CO1A 1515
15	20	2,0		1	CO1A 1520
15	25	2,0		1	CO1A 1525
15	30	2,0		1	CO1A 1530
16	15	2,0		1	CO1A 1615
16	20	2,0		1	CO1A 1620
16	25	2,0		1	CO1A 1625
16	30	2,0		1	CO1A 1630
20	20	2,0		1	CO1A 2020
20	25	2,0		1	CO1A 2025
20	30	2,0		1	CO1A 2030
20	35	2,0		1	CO1A 2035
20	40	2,0		1	CO1A 2040
25	20	2,0		1	CO1A 2520
25	25	2,0		1	CO1A 2525
25	30	2,0		1	CO1A 2530
25	35	2,0		1	CO1A 2535
25	40	2,0		1	CO1A 2540
30	20	2,0		1	CO1A 3020
30	25	2,0		1	CO1A 3025
30	30	2,0		1	CO1A 3030
30	35	2,0		1	CO1A 3035
30	40	2,0		1	CO1A 3040
30	45	2,0		1	CO1A 3045
35	20	2,0		1	CO1A 3520
35	25	2,0		1	CO1A 3525
35	30	2,0		1	CO1A 3530
35	35	2,0		1	CO1A 3535
35	40	2,0		1	CO1A 3540
35	50	2,0		1	CO1A 3550

L mm	H mm	S mm	I	Fori Holes	Codice Code
30	20	2,0	14	2	CO2A 3020
30	25	2,0	14	2	CO2A 3025
30	30	2,0	14	2	CO2A 3030
30	35	2,0	14	2	CO2A 3035
30	40	2,0	14	2	CO2A 3040
35	20	2,0	14	2	CO2A 3520
35	25	2,0	14	2	CO2A 3525
35	30	2,0	14	2	CO2A 3530
35	35	2,0	14	2	CO2A 3535
35	40	2,0	14	2	CO2A 3540
40	20	2,0	26	2	CO2A 4020
40	25	2,0	26	2	CO2A 4025
40	30	2,0	26	2	CO2A 4030
40	35	2,0	26	2	CO2A 4035
40	40	2,0	26	2	CO2A 4040
40	45	2,0	26	2	CO2A 4045
40	50	2,0	26	2	CO2A 4050
50	20	2,0	26	2	CO2A 5020
50	25	2,0	26	2	CO2A 5025
50	30	2,0	26	2	CO2A 5030
50	35	2,0	26	2	CO2A 5035
50	40	2,0	26	2	CO2A 5040
60	20	2,0	26	2	CO2A 6020
60	25	2,0	26	2	CO2A 6025
60	30	2,0	26	2	CO2A 6030
60	35	2,0	26	2	CO2A 6035
60	40	2,0	26	2	CO2A 6040
80	20	2,0	26	2	CO2A 8020
80	25	2,0	26	2	CO2A 8025
80	30	2,0	26	2	CO2A 8030
80	35	2,0	26	2	CO2A 8035
80	40	2,0	26	2	CO2A 8040

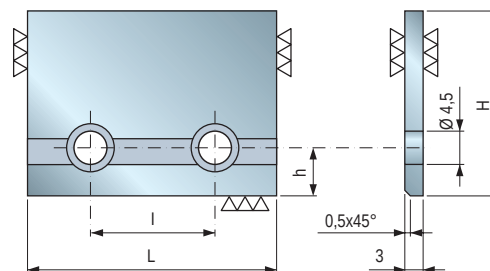
Coltelli Performance in HW micrograno - spessore 3 mm - coltelli LAPPATI /
HW - Performance knives micro-grain carbide - 2mm thickness - lapped knives

CO1B/2B

X10TS: Durezza / Vickers Hardness 1650 - Tenacità / Transverse ropture 9,38 - Densità / Density (gr/cm³) 13,96



L mm	H mm	S mm	I mm	Fori Holes	Codice Code
14,4	35	3,0		1	CO1B 1435
20	25	3,0		1	CO1B 2025
25	25	3,0		1	CO1B 2525
25	30	3,0		1	CO1B 2530
25	35	3,0		1	CO1B 2535
25	40	3,0		1	CO1B 2540
30	25	3,0		1	CO1B 3025
30	35	3,0		1	CO1B 3035
30	40	3,0		1	CO1B 3040
35	25	3,0		1	CO1B 3525
35	30	3,0		1	CO1B 3530
35	35	3,0		1	CO1B 3535
40	40	3,0		1	CO1B 4040



L mm	H mm	S mm	I mm	Fori Holes	Codice Code
45	25	3,0	28	2	CO2B 4525
45	30	3,0	28	2	CO2B 4530
45	35	3,0	28	2	CO2B 4535
55	25	3,0	41	2	CO2B 5525
55	30	3,0	41	2	CO2B 5530
55	35	3,0	41	2	CO2B 5535
55	40	3,0	41	2	CO2B 5540
65	20	3,0	28	2	CO2B 6520
70	25	3,0	41	2	CO2B 7025
80	30	3,0	66	2	CO2B 8030
80	35	3,0	66	2	CO2B 8035

Barrette a doppio smusso realizzate in H10S / blank tips with two bevels realized in H10S

Caratteristiche tecniche: Media tenacità ed ottima resistenza all'abrasione. Facilmente brasabile. Non consigliato per profili concavi molto profondi o per profili critici.

Impiego: Per la lavorazione di legni abrasivi, laminati e truciolari.

Angoli di taglio consigliati:

- α (mordente): 10°-15° per laminati.
- α (mordente): 15°-20° per truciolari.
- β (spoglia): 15°.

Technical features: Medium toughness and high abrasion resistance. Easy brazing. Not recommended for very deep concave profiles or complex profiles.

Application: For working abrasive woods, Laminate and chipboard.

Allowed cutting angles:

- α (hook angle): 10°-15° for Laminate.
- α (hook angle): 15°-20° for chipboard.
- β (clearance angle): 15°.

Barrette a doppio smusso realizzate in H20S / blank tips with two bevels realized in H20S

Caratteristiche tecniche: Media durezza, buona tenacità ed ottima resistenza all'abrasione. Facilmente brasabile. Non consigliato per profili di media profondità.

Impiego: Per la lavorazione di legni naturali duri, sabbiosi e per truciolari a media abrasività.

Angoli di taglio consigliati:

- α (mordente): 15°-20° per legni duri, sabbiosi e truciolari.
- β (spoglia): 15°.

Technical features: Medium hardness, good toughness and high abrasion resistance. Easy brazing. Not recommended for medium deep profiles.

Application: For working natural woods, sandy woods and medium abrasive woods.

Allowed cutting angles:

- α (hook angle): 15°-20° for hard woods, sandy woods and chipboard.
- β (clearance angle): 15°.

Barrette a doppio smusso realizzate in H30S / blank tips with two bevels realized in H30S

Caratteristiche tecniche: Bassa durezza, ottima tenacità e resistenza all'abrasione. Facilmente brasabile. Consigliato per le massime profondità di profilo.

Impiego: Per la lavorazione di legni naturali, teneri e duri.

Angoli di taglio consigliati:

- α (mordente): 30° per legni teneri.
- α (mordente): 20°-25° per legni duri o teneri con nodi cascanti.
- β (spoglia): 15°.

Technical features: Low hardness, optimum toughness and abrasion resistance. Easy brazing. Allowed for very deep profiles.

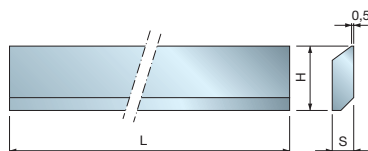
Application: For working natural, soft and hard wood.

Allowed cutting angles:

- α (hook angle): 30° for soft woods.
- α (hook angle): 20°-25° for hard or soft woods with loose knots.
- β (clearance angle): 15°.

BA2S - 5 MM

HW - Barrette a doppio smusso /
HW - Blank tips with two bevels



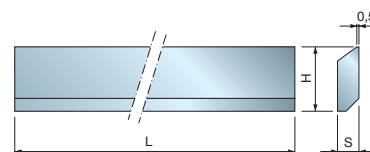
Materiale standard a magazzino.
Available in stock.

H10S	H20S	H30S	H mm	S mm	L mm
BA2S 1000	BA2S 2000	BA2S 3000	12,5	5,0	180
BA2S 1001	BA2S 2001	BA2S 3001	15	5,0	180
BA2S 1002	BA2S 2002	BA2S 3002	16	5,0	180
BA2S 1003	BA2S 2003	BA2S 3003	17,5	5,0	180
BA2S 1004	BA2S 2004	BA2S 3004	20	5,0	180
BA2S 1005	BA2S 2005	BA2S 3005	22,5	5,0	180
BA2S 1006	BA2S 2006	BA2S 3006	25	5,0	180
BA2S 1007	BA2S 2007	BA2S 3007	27,5	5,0	180
BA2S 1008	BA2S 2008	BA2S 3008	30	5,0	180
BA2S 1009	BA2S 2009	BA2S 3009	32,5	5,0	180
BA2S 1010	BA2S 2010	BA2S 3010	35	5,0	180
BA2S 1011	BA2S 2011	BA2S 3011	37,5	5,0	180
BA2S 1012	BA2S 2012	BA2S 3012	40	5,0	180
BA2S 1013	BA2S 2013	BA2S 3013	45	5,0	180
BA2S 1014	BA2S 2014	BA2S 3014	50	5,0	180

HW - Barrette a doppio smusso /
HW - Blank tips with two bevels

BA2S - 4,2 MM

H10S	H20S	H30S	H mm	S mm	L mm
BA2S 1100	BA2S 2100	BA2S 3100	10	4,2	180
BA2S 1101	BA2S 2101	BA2S 3101	12,5	4,2	180
BA2S 1102	BA2S 2102	BA2S 3102	15	4,2	180
BA2S 1103	BA2S 2103	BA2S 3103	16	4,2	180
BA2S 1104	BA2S 2104	BA2S 3104	17,5	4,2	180
BA2S 1105	BA2S 2105	BA2S 3105	20	4,2	180
BA2S 1106	BA2S 2106	BA2S 3106	22,5	4,2	180
BA2S 1107	BA2S 2107	BA2S 3107	25	4,2	180
BA2S 1108	BA2S 2108	BA2S 3108	27,5	4,2	180
BA2S 1109	BA2S 2109	BA2S 3109	30	4,2	180
BA2S 1110	BA2S 2110	BA2S 3110	32,5	4,2	180
BA2S 1111	BA2S 2111	BA2S 3111	35	4,2	180

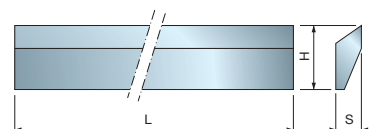


Ordinazione minima di 30 pz.
Minimum order 30 pieces.

HW - Barrette per "battute" /
HW - Blank tips for rebates

BA2S - 6 MM

H10S	H20S	H30S	H mm	S mm	L mm
BA2S 1115	BA2S 2115	BA2S 3115	13	6,0	180

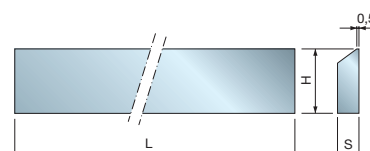


Ordinazione minima di 30 pz.
Minimum order 30 pieces.

HW - Barrette a uno smusso /
HW - Blank tips with one bevel

BA1S - 3 MM

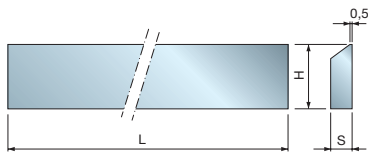
H10S	H20S	H mm	S mm	L mm
BA1S 1200	BA1S 2200	8,0	3,0	180
BA1S 1201	BA1S 2201	10	3,0	180
BA1S 1202	BA1S 0202	12,5	3,0	180
BA1S 1203	BA1S 2200	15	3,0	180
BA1S 1204	BA1S 2201	17,5	3,0	180
BA1S 1205	BA1S 0202	20	3,0	180
BA1S 1206	BA1S 2200	25	3,0	180



Ordinazione minima di 30 pz.
Minimum order 30 pieces.

BA1S - 4,2 MM

HW - Barrette a uno smusso /
HW - Blank tips with one bevel

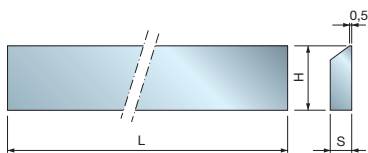


Ordinazione minima di 30 pz.
Minimum order 30 pieces.

H10S	H20S	H30S	H mm	S mm	L mm
BA1S 1300	BA1S 2300	BA1S 3300	8	4,2	180
BA1S 1301	BA1S 2301	BA1S 3301	10	4,2	180
BA1S 1302	BA1S 2302	BA1S 3302	12,5	4,2	180
BA1S 1303	BA1S 2303	BA1S 3303	15	4,2	180
BA1S 1304	BA1S 2304	BA1S 3304	16	4,2	180
BA1S 1305	BA1S 2305	BA1S 3305	17,5	4,2	180
BA1S 1306	BA1S 2306	BA1S 3306	20	4,2	180
BA1S 1307	BA1S 2307	BA1S 3307	22,5	4,2	180
BA1S 1308	BA1S 2308	BA1S 3308	25	4,2	180
BA1S 1309	BA1S 2309	BA1S 3309	27,5	4,2	180
BA1S 1310	BA1S 2310	BA1S 3310	30	4,2	180
BA1S 1311	BA1S 2311	BA1S 3311	35	4,2	180

BA1S - 5 MM

HW - Barrette a uno smusso /
HW - Blank tips with one bevel



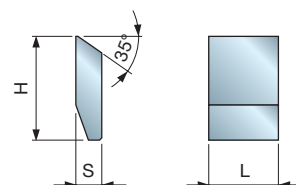
Ordinazione minima di 30 pz.
Minimum order 30 pieces.

H10S	H20S	H30S	H mm	S mm	L mm
BA1S 1400	BA1S 2400	BA1S 3400	12,5	5,0	180
BA1S 1401	BA1S 2401	BA1S 3401	15	5,0	180
BA1S 1402	BA1S 2402	BA1S 3402	17,5	5,0	180
BA1S 1403	BA1S 2403	BA1S 3403	20	5,0	180
BA1S 1404	BA1S 2404	BA1S 3404	22,5	5,0	180
BA1S 1405	BA1S 2405	BA1S 3405	25	5,0	180
BA1S 1406	BA1S 2406	BA1S 3406	27,5	5,0	180
BA1S 1407	BA1S 2407	BA1S 3407	30	5,0	180
BA1S 1408	BA1S 2408	BA1S 3408	35	5,0	180

HW - Placchette per incastri / HW - Tips for grooves **PLIN**

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20

H mm	S mm	L mm	Codice Code
14	5,4	3,5	PLIN 0100
14	6,4	3,5	PLIN 0102
14	7,4	3,5	PLIN 0104
14	8,4	3,5	PLIN 0106
14	10,4	3,5	PLIN 0108
14	12,4	3,5	PLIN 0110
14	14,4	3,5	PLIN 0112
14	16,4	3,5	PLIN 0114
14	18,4	3,5	PLIN 0116
14	20	3,5	PLIN 0118



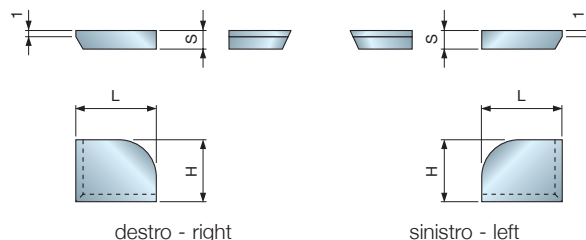
Ordinazione minima di 50 pz.
Minimum order 50 pieces.

HW - Placchette per incastri / HW - Tips for grooves

PLRA - 10 MM

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20

H mm	S mm	L mm	Codice Code
13	10	3,0	PLRA 100D
13	10	3,0	PLRA 100S



destro - right

sinistro - left

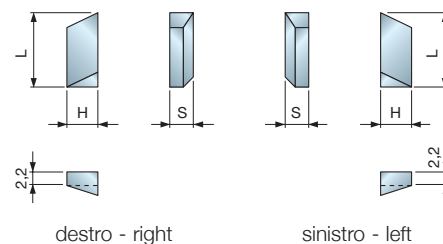
Ordinazione minima di 50 pz.
Minimum order 50 pieces.

HW - Rasanti sagomati per incastri / HW - Profiled spurs for grooves

PLRA - 3 MM

H20S: Durezza / Vickers Hardness 1540 - Tenacità / Transverse ropture 9,51 - Densità / Density (gr/cm³) 14,20

H mm	S mm	L mm	Codice Code
12	3,0	3,8	PLRA 200D
12	3,0	3,8	PLRA 200S
12	4,0	3,8	PLRA 201D
12	4,0	3,8	PLRA 201S
12	4,5	3,8	PLRA 202D
12	4,5	3,8	PLRA 202S
14	5,5	6,3	PLRA 203D
14	5,5	6,3	PLRA 203S
14	6,5	6,3	PLRA 204D
14	6,5	6,3	PLRA 204S
14	8,5	6,3	PLRA 205D
14	8,5	6,3	PLRA 205S



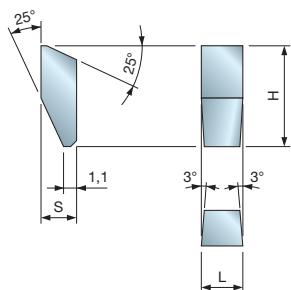
destro - right

sinistro - left

Ordinazione minima di 50 pz.
Minimum order 50 pieces.

DELA

Denti sega in HW per riplacchettatura lame circolari /
HW tips for sawblade retipping



Il quantitativo minimo di ordinazione per tipo è di 1000 pz.
Minimum order quantity per type is 1000 pieces.

H mm	S mm	L mm	HW	Codice Code
8,5	3,0	4,1	H00S	DELA 1000
10,7	2,6	3,5	H00S	DELA 1001
10,7	2,6	4,1	H00S	DELA 1002
8,5	2,5	3,0	H00K	DELA 1003
8,5	2,5	3,5	H00K	DELA 1004
8,5	2,5	3,8	H00K	DELA 1005
8,5	2,5	4,5	H00K	DELA 1006
10,7	2,6	3,5	H00K	DELA 1007
10,7	3,0	4,5	H00K	DELA 1008
7,0	2,6	3,5	H00K	DELA 1009

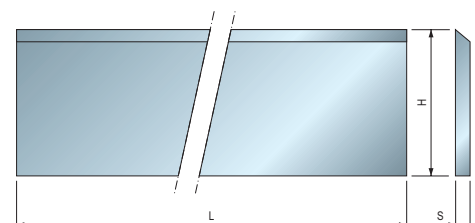
H mm	S mm	L mm	HW	Codice Code
8,5	2,5	2,7	H10S	DELA 2000
8,5	2,5	3,0	H10S	DELA 2001
8,5	2,5	3,5	H10S	DELA 2002
8,5	2,5	3,8	H10S	DELA 2003
10,7	2,6	3,5	H10S	DELA 2004
10,7	2,6	4,5	H10S	DELA 2005
12,5	3,0	5,0	H10S	DELA 2006
8,5	2,5	3,0	H00S	DELA 2007
8,5	3,0	3,1	H00S	DELA 2008
8,5	3,0	3,5	H00S	DELA 2009
8,5	3,0	3,8	H00S	DELA 2010

Coltelli PER PIALLA in HSS - 13% W - MISURA STANDARD / 13% W HSS planing knives - STANDARD SIZES

CP13

Impiego: I coltelli sono forniti in confezioni da 2 pezzi. Per ottenere la massima equilibratura, date le tolleranze, è opportuno montare sul pialletto i coltelli della stessa coppia uno opposto all'altro.

Application: The knives are supplied in packaging containing 2 pieces. To obtain correct balancing, we suggest fitting the knives in opposite direction of cutterhead.

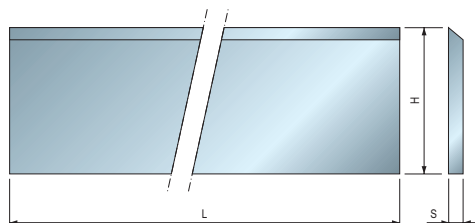


H mm	S mm	L mm	Codice Code
120	20	3,0	CP13A0120
120	25	3,0	CP13B0120
120	30	3,0	CP13C0120
120	35	3,0	CP13D0120
150	20	3,0	CP13A0150
150	25	3,0	CP13B0150
150	30	3,0	CP13C0150
150	35	3,0	CP13D0150
180	20	3,0	CP13A0180
180	25	3,0	CP13B0180
180	30	3,0	CP13C0180
180	35	3,0	CP13D0180
230	20	3,0	CP13A0230
230	25	3,0	CP13B0230
230	30	3,0	CP13C0230
230	35	3,0	CP13D0230
260	20	3,0	CP13A0260
260	25	3,0	CP13B0260
260	30	3,0	CP13C0260
260	35	3,0	CP13D0260
300	20	3,0	CP13A0300
300	25	3,0	CP13B0300
300	30	3,0	CP13C0300
300	35	3,0	CP13D0300
350	20	3,0	CP13A0350
350	25	3,0	CP13B0350
350	30	3,0	CP13C0350
350	35	3,0	CP13D0350
400	20	3,0	CP13A0400
400	25	3,0	CP13B0400
400	30	3,0	CP13C0400
400	35	3,0	CP13D0400
410	20	3,0	CP13A0410
410	25	3,0	CP13B0410
410	30	3,0	CP13C0410
410	35	3,0	CP13D0410

H mm	S mm	L mm	Codice Code
500	20	3,0	CP13A0500
500	25	3,0	CP13B0500
500	30	3,0	CP13C0500
500	35	3,0	CP13D0500
510	20	3,0	CP13A0510
510	25	3,0	CP13B0510
510	30	3,0	CP13C0510
510	35	3,0	CP13D0510
520	20	3,0	CP13A0520
520	25	3,0	CP13B0520
520	30	3,0	CP13C0520
520	35	3,0	CP13D0520
530	20	3,0	CP13A0530
530	25	3,0	CP13B0530
530	30	3,0	CP13C0530
530	35	3,0	CP13D0530
600	20	3,0	CP13A0600
600	25	3,0	CP13B0600
600	30	3,0	CP13C0600
600	35	3,0	CP13D0600
630	20	3,0	CP13A0630
630	25	3,0	CP13B0630
630	30	3,0	CP13C0630
630	35	3,0	CP13D0630
700	20	3,0	CP13A0700
700	25	3,0	CP13B0700
700	30	3,0	CP13C0700
700	35	3,0	CP13D0700
800	20	3,0	CP13A0800
800	25	3,0	CP13B0800
800	30	3,0	CP13C0800
800	35	3,0	CP13D0800
1080	20	3,0	CP13A1080
1080	25	3,0	CP13B1080
1080	30	3,0	CP13C1080
1080	35	3,0	CP13D1080

CS13

Coltelli PER PIALLA in HSS - 13% + W - MISURA STANDARD /
13% + W HSS planing knives - STANDARD SIZES



Impiego: I coltelli sono forniti in confezioni da 2 pezzi. Per ottenere la massima equilibratura, date le tolleranze, è opportuno montare sul pialletto i coltelli della stessa coppia uno opposto all'altro.

Application: The knives are supplied in packaging containing 2 pieces. To obtain correct balancing, we suggest fitting the knives in opposite direction of cutterhead.

H mm	S mm	L mm	Codice Code
120	20	3,0	CS13A0120
120	25	3,0	CS13B0120
120	30	3,0	CS13C0120
120	35	3,0	CS13D0120
150	20	3,0	CS13A0150
150	25	3,0	CS13B0150
150	30	3,0	CS13C0150
150	35	3,0	CS13D0150
180	20	3,0	CS13A0180
180	25	3,0	CS13B0180
180	30	3,0	CS13C0180
180	35	3,0	CS13D0180
230	20	3,0	CS13A0230
230	25	3,0	CS13B0230
230	30	3,0	CS13C0230
230	35	3,0	CS13D0230
260	20	3,0	CS13A0260
260	25	3,0	CS13B0260
260	30	3,0	CS13C0260
260	35	3,0	CS13D0260
300	20	3,0	CS13A0300
300	25	3,0	CS13B0300
300	30	3,0	CS13C0300
300	35	3,0	CS13D0300
350	20	3,0	CS13A0350
350	25	3,0	CS13B0350
350	30	3,0	CS13C0350
350	35	3,0	CS13D0350
400	20	3,0	CS13A0400
400	25	3,0	CS13B0400
400	30	3,0	CS13C0400
400	35	3,0	CS13D0400
410	20	3,0	CS13A0410
410	25	3,0	CS13B0410
410	30	3,0	CS13C0410
410	35	3,0	CS13D0410

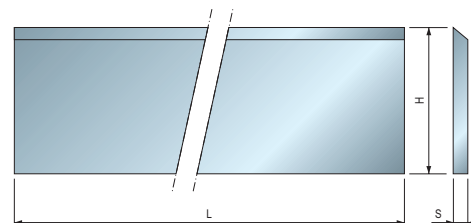
H mm	S mm	L mm	Codice Code
500	20	3,0	CS13A0500
500	25	3,0	CS13B0500
500	30	3,0	CS13C0500
500	35	3,0	CS13D0500
510	20	3,0	CS13B0510
510	25	3,0	CS13B0510
510	30	3,0	CS13C0510
510	35	3,0	CS13D0510
520	20	3,0	CS13B0520
520	25	3,0	CS13B0520
520	30	3,0	CS13C0520
520	35	3,0	CS13D0520
530	20	3,0	CS13A0530
530	25	3,0	CS13B0530
530	30	3,0	CS13C0530
530	35	3,0	CS13D0530
600	20	3,0	CS13A0600
600	25	3,0	CS13B0600
600	30	3,0	CS13C0600
600	35	3,0	CS13D0600
630	20	3,0	CS13A0630
630	25	3,0	CS13B0630
630	30	3,0	CS13C0630
630	35	3,0	CS13D0630
700	20	3,0	CS13A0700
700	25	3,0	CS13B0700
700	30	3,0	CS13C0700
700	35	3,0	CS13D0700
800	20	3,0	CS13A0800
800	25	3,0	CS13B0800
800	30	3,0	CS13C0800
800	35	3,0	CS13D0800
1080	20	3,0	CS13A1080
1080	25	3,0	CS13B1080
1080	30	3,0	CS13C1080
1080	35	3,0	CS13D1080

Coltelli PER PIALLA in HSS - 18% W - MISURA STANDARD /
18% W HSS planing knives - STANDARD SIZES

CP18

Impiego: I coltelli sono forniti in confezioni da 2 pezzi. Per ottenere la massima equilibratura, date le tolleranze, è opportuno montare sul pialletto i coltelli della stessa coppia uno opposto all'altro.

Application: The knives are supplied in packaging containing 2 pieces. To obtain correct balancing, we suggest fitting the knives in opposite direction of cutterhead.

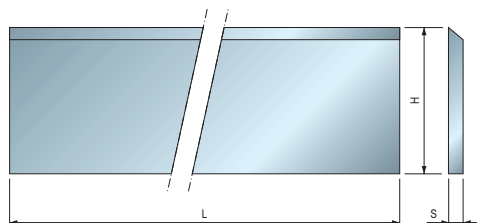


H mm	S mm	L mm	Codice Code
120	20	3,0	CP18A0120
120	25	3,0	CP18B0120
120	30	3,0	CP18C0120
120	35	3,0	CP18D0120
150	20	3,0	CP18A0150
150	25	3,0	CP18B0150
150	30	3,0	CP18C0150
150	35	3,0	CP18D0150
180	20	3,0	CP18A0180
180	25	3,0	CP18B0180
180	30	3,0	CP18C0180
180	35	3,0	CP18D0180
230	20	3,0	CP18A0230
230	25	3,0	CP18B0230
230	30	3,0	CP18C0230
230	35	3,0	CP18D0230
260	20	3,0	CP18A0260
260	25	3,0	CP18B0260
260	30	3,0	CP18C0260
260	35	3,0	CP18D0260
300	20	3,0	CP18A0300
300	25	3,0	CP18B0300
300	30	3,0	CP18C0300
300	35	3,0	CP18D0300
350	20	3,0	CP18A0350
350	25	3,0	CP18B0350
350	30	3,0	CP18C0350
350	35	3,0	CP18D0350
400	20	3,0	CP18A0400
400	25	3,0	CP18B0400
400	30	3,0	CP18C0400
400	35	3,0	CP18D0400
410	20	3,0	CP18A0410
410	25	3,0	CP18B0410
410	30	3,0	CP18C0410
410	35	3,0	CP18D0410

H mm	S mm	L mm	Codice Code
500	20	3,0	CP18A0500
500	25	3,0	CP18B0500
500	30	3,0	CP18C0500
500	35	3,0	CP18D0500
510	20	3,0	CP18A0510
510	25	3,0	CP18B0510
510	30	3,0	CP18C0510
510	35	3,0	CP18D0510
520	20	3,0	CP18A0520
520	25	3,0	CP18B0520
520	30	3,0	CP18C0520
520	35	3,0	CP18D0520
530	20	3,0	CP18A0530
530	25	3,0	CP18B0530
530	30	3,0	CP18C0530
530	35	3,0	CP18D0530
600	20	3,0	CP18A0600
600	25	3,0	CP18B0600
600	30	3,0	CP18C0600
600	35	3,0	CP18D0600
630	20	3,0	CP18A0630
630	25	3,0	CP18B0630
630	30	3,0	CP18C0630
630	35	3,0	CP18D0630
700	20	3,0	CP18A0700
700	25	3,0	CP18B0700
700	30	3,0	CP18C0700
700	35	3,0	CP18D0700
800	20	3,0	CP18A0800
800	25	3,0	CP18B0800
800	30	3,0	CP18C0800
800	35	3,0	CP18D0800
1080	20	3,0	CP18A1080
1080	25	3,0	CP18B1080
1080	30	3,0	CP18C1080
1080	35	3,0	CP18D1080

CH18

Coltelli PER PIALLA in HSS - 18% + W - MISURA STANDARD /
18% + W HSS planing knives - STANDARD SIZES



Impiego: I coltelli sono forniti in confezioni da 2 pezzi. Per ottenere la massima equilibratura, date le tolleranze, è opportuno montare sul pialletto i coltelli della stessa coppia uno opposto all'altro.

Application: The knives are supplied in packaging containing 2 pieces. To obtain correct balancing, we suggest fitting the knives in opposite direction of cutterhead.

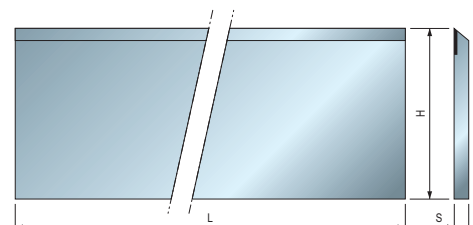
H mm	S mm	L mm	Codice Code
120	20	3,0	CH18A0120
120	25	3,0	CH18B0120
120	30	3,0	CH18C0120
120	35	3,0	CH18D0120
150	20	3,0	CH18A0150
150	25	3,0	CH18B0150
150	30	3,0	CH18C0150
150	35	3,0	CH18D0150
180	20	3,0	CH18A0180
180	25	3,0	CH18B0180
180	30	3,0	CH18C0180
180	35	3,0	CH18D0180
230	20	3,0	CH18A0230
230	25	3,0	CH18B0230
230	30	3,0	CH18C0230
230	35	3,0	CH18D0230
260	20	3,0	CH18A0260
260	25	3,0	CH18B0260
260	30	3,0	CH18C0260
260	35	3,0	CH18D0260
300	20	3,0	CH18A0300
300	25	3,0	CH18B0300
300	30	3,0	CH18C0300
300	35	3,0	CH18D0300
350	20	3,0	CH18A0350
350	25	3,0	CH18B0350
350	30	3,0	CH18C0350
350	35	3,0	CH18D0350
400	20	3,0	CH18A0400
400	25	3,0	CH18B0400
400	30	3,0	CH18C0400
400	35	3,0	CH18D0400
410	20	3,0	CH18A0410
410	25	3,0	CH18B0410
410	30	3,0	CH18C0410
410	35	3,0	CH18D0410

H mm	S mm	L mm	Codice Code
500	20	3,0	CH18A0500
500	25	3,0	CH18B0500
500	30	3,0	CH18C0500
500	35	3,0	CH18D0500
510	20	3,0	CH18A0510
510	25	3,0	CH18B0510
510	30	3,0	CH18C0510
510	35	3,0	CH18D0510
520	20	3,0	CH18A0520
520	25	3,0	CH18B0520
520	30	3,0	CH18C0520
520	35	3,0	CH18D0520
530	20	3,0	CH18A0530
530	25	3,0	CH18B0530
530	30	3,0	CH18C0530
530	35	3,0	CH18D0530
600	20	3,0	CH18A0600
600	25	3,0	CH18B0600
600	30	3,0	CH18C0600
600	35	3,0	CH18D0600
630	20	3,0	CH18A0630
630	25	3,0	CH18B0630
630	30	3,0	CH18C0630
630	35	3,0	CH18D0630
700	20	3,0	CH18B0700
700	25	3,0	CH18B0700
700	30	3,0	CH18C0700
700	35	3,0	CH18D0700
800	20	3,0	CH18A0800
800	25	3,0	CH18B0800
800	30	3,0	CH18C0800
800	35	3,0	CH18D0800
1080	20	3,0	CH18A1080
1080	25	3,0	CH18B1080
1080	30	3,0	CH18C1080
1080	35	3,0	CH18D1080

Coltelli PER PIALLA in HM - MISURA STANDARD / HM planing knives - STANDARD SIZES **CPHM**

Impiego: I coltelli sono forniti in confezioni da 2 pezzi. Per ottenere la massima equilibratura, date le tolleranze, è opportuno montare sul pialletto i coltelli della stessa coppia uno opposto all'altro.

Application: The knives are supplied in packaging containing 2 pieces. To obtain correct balancing, we suggest fitting the knives in opposite direction of cutterhead.



H mm	S mm	L mm	Codice Code
120	20	3,0	CPHMA0120
120	25	3,0	CPHMB0120
120	30	3,0	CPHMC0120
120	35	3,0	CPHMD0120
150	20	3,0	CPHMA0150
150	25	3,0	CPHMB0150
150	30	3,0	CPHMC0150
150	35	3,0	CPHMD0150
180	20	3,0	CPHMA0180
180	25	3,0	CPHMB0180
180	30	3,0	CPHMC0180
180	35	3,0	CPHMD0180
230	20	3,0	CPHMA0230
230	25	3,0	CPHMB0230
230	30	3,0	CPHMC0230
230	35	3,0	CPHMD0230
260	20	3,0	CPHMA0260
260	25	3,0	CPHMB0260
260	30	3,0	CPHMC0260
260	35	3,0	CPHMD0260
300	20	3,0	CPHMA0300
300	25	3,0	CPHMB0300
300	30	3,0	CPHMC0300
300	35	3,0	CPHMD0300
350	20	3,0	CPHMA0350
350	25	3,0	CPHMB0350
350	30	3,0	CPHMC0350
350	35	3,0	CPHMD0350
400	20	3,0	CPHMA0400
400	25	3,0	CPHMB0400
400	30	3,0	CPHMC0400
400	35	3,0	CPHMD0400
410	20	3,0	CPHMA0410
410	25	3,0	CPHMB0410
410	30	3,0	CPHMC0410
410	35	3,0	CPHMD0410

H mm	S mm	L mm	Codice Code
500	20	3,0	CPHMA0500
500	25	3,0	CPHMB0500
500	30	3,0	CPHMC0500
500	35	3,0	CPHMD0500
510	20	3,0	CPHMA0510
510	25	3,0	CPHMB0510
510	30	3,0	CPHMC0510
510	35	3,0	CPHMD0510
520	20	3,0	CPHMA0520
520	25	3,0	CPHMB0520
520	30	3,0	CPHMC0520
520	35	3,0	CPHMD0520
530	20	3,0	CPHMA0530
530	25	3,0	CPHMB0530
530	30	3,0	CPHMC0530
530	35	3,0	CPHMD0530
600	20	3,0	CPHMA0600
600	25	3,0	CPHMB0600
600	30	3,0	CPHMC0600
600	35	3,0	CPHMD0600
630	20	3,0	CPHMA0630
630	25	3,0	CPHMB0630
630	30	3,0	CPHMC0630
630	35	3,0	CPHMD0630
700	20	3,0	CPHMA0700
700	25	3,0	CPHMB0700
700	30	3,0	CPHMC0700
700	35	3,0	CPHMD0700
800	20	3,0	CPHMA0800
800	25	3,0	CPHMB0800
800	30	3,0	CPHMC0800
800	35	3,0	CPHMD0800
1080	20	3,0	CPHMA1080
1080	25	3,0	CPHMB1080
1080	30	3,0	CPHMC1080
1080	35	3,0	CPHMD1080

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ORDERS All orders regarding our products will be considered accepted at our general conditions of sale. Any exceptions will be considered valid only if confirmed in writing by International Saws. Even if accepted through our sales personnel, orders are subordinate to our acceptance. The issue and dispatch of the order confirmation ratifies our formal acceptance of the order and the insertion of the material in our production and/or delivery cycles. Orders cannot be changed, varied or cancelled, not even in part, unless otherwise accepted by International Saws. Should the Customer's solvency be lacking, International Saws reserves the unchallengeable right to cancel the order or to postpone delivery of the material concerned.

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- **DELIVERY** The delivery terms indicated on the order confirmation are only an indication. Failure to respect said terms shall not prejudice the validity of the order, nor shall it constitute a reason for cancellation or a request for the payment of a fine and/or damages.
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- **INTEREST ON DELAYED PAYMENTS** Barring different agreements between the parties, the interest rate is determined in compliance with the interest rate as in Legislative Decree 231/2002 in force at the time, starting from the day following the expiry of the payment time limit.
- **PRIVACY** By sending the order, customers confirm they have read the privacy statement in relation to their personal data and all the clauses contained in the general conditions.
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