



**A Precious Partner**

# COMPANY



## Una realtà di alta caratura nel settore degli utensili in diamante.

Schiavon opera dal 1976 nel settore degli utensili in PCD (Policristalline Diamond) per la lavorazione del legno e dei suoi derivati. La qualità e le elevate prestazioni dei prodotti, risultato dell'adozione di tecnologie all'avanguardia, unitamente alla capacità di esprimere elevata competitività anche nel servizio, hanno permesso all'azienda di ottenere la fiducia dei clienti più esigenti e di conquistare una posizione di leadership sul mercato.



# A high-profile reality in the diamond tools (pcd) business.

Since 1976 Schiavon has been producing PCD Tools for the woodworking industry and its derivatives. The quality and the products' high performances, made possible by the adoption of cutting-edge technologies, enabled Schiavon to gain the trust of the most demanding clients of the woodworking, furnishing and flooring industry and to conquer a leader position in the market, thanks also to a very careful post-selling service.

# A company with the capability of satisfying an increasing market

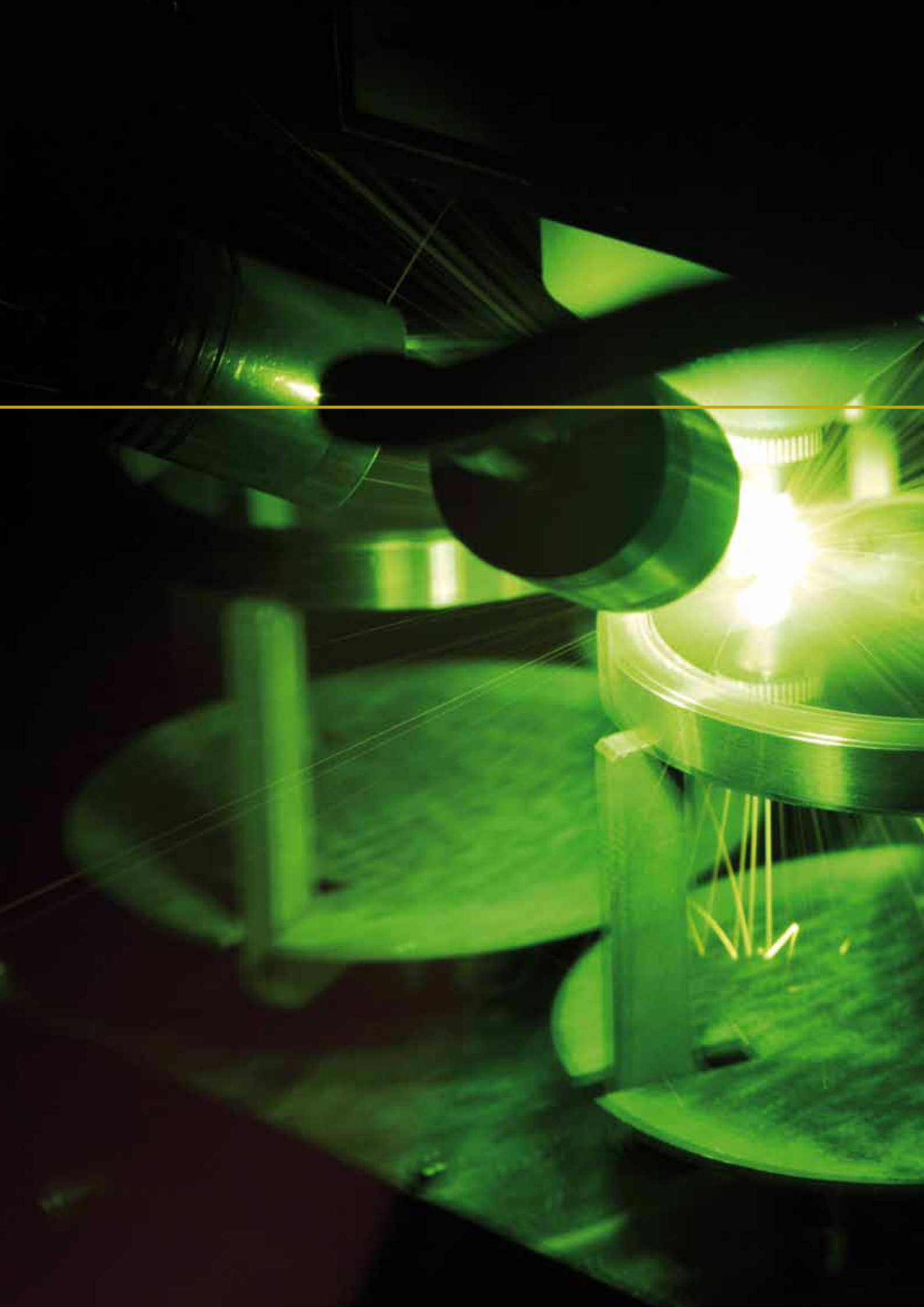


20 specialized operators who, thanks to a group of 34 units, consisting on lathes, milling and sharpening machines, available in the two establishments Schiavon, run an output of 11.000 tools per year, with a medium average of 50 per day: production that includes standard and special tools, designed following the clients' needs. The continuous investment on advanced technologies, as the recent purchase of a laser cutting system machine for the laser cutting of diamond, allows an enhancement and upgrade on the quality and quantity of the products, which are nowadays more than 2000.



Un'azienda che ha i numeri per  
soddisfare un mercato in continua evoluzione.

Schiavon può contare su 20 operatori specializzati che gestiscono un parco macchine di 34 unità formato da torni, frese e affilatrici. Il regime di produzione, gestito completamente all'interno dei due stabilimenti Schiavon, è quantificato in 11.000 utensili prodotti ogni anno, secondo una media di 50 al giorno, calcolando sia quelli standard, sia quelli "speciali", realizzati in base a specifiche richieste espresse dal cliente. Il costante investimento nelle tecnologie più avanzate, tra cui un sistema laser per il taglio del diamante (laser cutting system), permette di perfezionare continuamente i prodotti e di ampliare la gamma, che attualmente conta oltre 2.000 articoli.





# The mission: “the production of long-lasting and quality improver-tools”.

The values-system of Schiavon productive philosophy can be summarized in the role of a precious partner for companies working in different branches. Schiavon, as a supplier of tools which complete the functionality of not only woodworking machines, presents itself as a benchmark for different reasons: first of all because the company it offers technologies improving the quality of tool-production and life, also because guarantees an advanced, efficient and competitive service.

La mission: “produrre utensili  
che migliorano la qualità delle lavorazioni  
e durano nel tempo”.

Il sistema di valori attorno al quale ruota la filosofia produttiva Schiavon si può riassumere nel suo ruolo di partner prezioso per le aziende di diversi settori. Quale realtà fornitrice di utensili che completano la funzionalità di macchine per la lavorazione di svariati elementi e componenti, principalmente in legno, Schiavon si rivela un punto di riferimento, sia perché offre tecnologie che migliorano la qualità delle lavorazioni e durano nel tempo, sia in quanto assicura un servizio evoluto, efficiente e competitivo.



A new brand,  
symbol of  
quality and value.

The raised awareness of the benchmark position brought Schiavon to a renovation of its brand identity: a logo restyling, a new symbol, whose curvy shapes suggest the quality and the refinement of the Schiavon output, made possible by the PDC tools.



## Un nuovo marchio, simbolo di qualità e pregio.

L'accresciuta consapevolezza del ruolo di realtà di punta nel settore ha portato Schiavon a rinnovare i propri segni distintivi, apportando un restyling al logo aziendale, completo di un nuovo simbolo le cui forme, ricche di componenti curvilinee, alludono alla qualità e alla ricercatezza delle lavorazioni rese possibili dagli utensili in diamante di cui è "firma".



## Una solida reputazione in Italia, in Europa e nel mondo.

La qualità e la durata dei prodotti Schiavon, unitamente alla completezza del servizio offerto, hanno consentito all'azienda di conquistare la fiducia del mercato nazionale, di stabilire un solido presidio in quello europeo e di trovare significativi consensi anche negli altri continenti. Attualmente Schiavon opera in Italia e in altri 53 paesi del mondo tra cui:

Germania, Regno Unito, Francia, Spagna, Portogallo  
Belgio, Olanda, Danimarca, Svezia, Norvegia  
Finlandia, Russia, Polonia, Ungheria, Lettonia  
Lituania, Grecia, Turchia, USA, Canada, Indonesia  
Thailandia, Malesia

# A solid reputation in Italy, Europe and in the world.

The quality and the duration of Schiavon products, together with the awareness of the service offered, allowed the company to conquer the trust of the national market, to establish a solid position into the European one and to find positive consents also in other continents.

Nowadays Schiavon works in Italy and in other 53 countries all over the world:

Germany, United Kingdom, France, Spain, Portugal, Belgium, Netherlands, Denmark, Sweden, Norway, Finland, Russia, Poland, Hungary, Latvia, Lithuania, Greece, Turkey, United States of America, Canada, Indonesia, Thailand, Malaysia.

# Evolved products, planned and realized to last.

Schiavon Tools are realized with high-quality materials and cutting edge-technologies, in order to guarantee steady and long-time performances.

Schiavon purchases steel and Pcd from suppliers of great value and integrity, among them STEELTEC and ELEMENT SIX. Machines, production and control equipment are the newest in the industry.

Schiavon offers a wide range of products, satisfying different needs:

- circular sawblades
- hogging units
- anti-chipping cutting heads
- edge banding and grooving cutters
- flooring cutters
- router bits
- boring bits

Among these products Schiavon offers general accessories, in order to integrate the functionality of its main products.

## Prodotti evoluti, concepiti e realizzati per durare.

Gli utensili Schiavon sono realizzati con materiali di qualità superiore e utilizzando tecnologie di ultima generazione, a garanzia di prestazioni immutabili nel tempo.

Per l'approvvigionamento di acciaio e PCD l'azienda si avvale di fornitori di comprovata affidabilità, fra cui marchi prestigiosi quali Steeltec ed Element Six. I macchinari, le attrezzature di produzione e le strumentazioni di controllo impiegati per la produzione rappresentano quanto di più all'avanguardia esprime il settore. Schiavon offre una gamma di utensili che copre molteplici esigenze:

- lame circolari
- truciolatori
- frese antischeggia
- frese per bordatrici ed incastri
- gruppi fresa per pavimenti
- punte per pantografo
- punte per foratrice

A questi prodotti si aggiungono gli accessori, realizzati per completarne la funzionalità.







## Complete service: consulting, custom-made projects and re-sharpening.

Among the strength points of Schiavon, there is a highly qualified, efficient and competitive service, which goes beyond the simple relationship between supplier-client and embraces an idea of partnership. Schiavon projects and produces custom-made tools, thanks to an internal technical department, which gives advices in order to take the most suitable solution. Besides this, Schiavon offers a re-sharpening service, which is fundamental for the duration of the tools, thanks to the Vollmer sharpening machines, guarantee of high quality results.

**Servizio completo:  
consulenza, progettazione su misura e riaffilatura.**

Fra i punti di forza di Schiavon c'è un servizio altamente qualificato, efficiente e competitivo, che supera la semplice relazione produttore-cliente per abbracciare un'idea di partnership. Oltre a offrire consulenza tecnica su qualsiasi aspetto riguardi la scelta delle soluzioni più idonee alla specificità delle esigenze, Schiavon progetta e produce utensili personalizzati, realizzati su misura. Inoltre, offre un servizio di riaffilatura, di fondamentale importanza per far mantenere agli utensili prestazioni immutate nel tempo, eseguito con macchine affilatrici Vollmer, a garanzia di un risultato di qualità superiore.

# A reference point for the woodworking industry. And not only

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Schiavon tools mostly address to the woodworking industry and its derivatives.

Among its references, the company counts important names of the European furniture and flooring industry.

Schiavon diamond tools are also widely used in the seamanship-aeronautics-automobile- and electronics industry. Schiavon tools are the most valued tools for the manufacturing of the following materials:

## Wood:

Wood - Glued Laminated Timber - Plywood panels

## Wood fibers:

Chipboards (panel) - MDF (panel) - HDF (panel) - OSB (panel)

## Composites:

Carbon fiber - Corian - Varicon - Drywall - Kevlar

## Plastic-laminate:

HPL - CPL - Trespa - Polyurethane

## Plastics-polymers:

PVC - Polycarbonate - Plexiglass - Resins (various type)

## Alloys:

Aluminum - Avional - Ergal



## Un brand di riferimento per l'industria della lavorazione del legno. E non solo.

Schiavon si rivolge principalmente all'industria della lavorazione del legno e dei suoi derivati. Fra le sue referenze l'azienda annovera nomi importanti dei settori del mobile, dei componenti per l'arredamento e della produzione di pavimenti in legno. Gli utensili in diamante Schiavon trovano inoltre ampio utilizzo anche nei settori della nautica, dell'aeronautica, dell'automobile e dell'elettronica. I prodotti Schiavon sono tra i più richiesti per la lavorazione dei seguenti materiali:

### Legno

Legno - Lamellare (pannello)  
- Multistrato (pannello)

### Fibra di legno

Truciolare (pannello) - MDF (pannello)  
- HDF (pannello)  
- OSB (oriented strandboard, pannello)

### Compositi

Fibra di carbonio - Fibra di vetro - Corian  
- Varicon - Cartongesso - Kevlar

### Laminati plastici

HPL - CPL - Trespa - Poliuretano

### Polimeri plastici

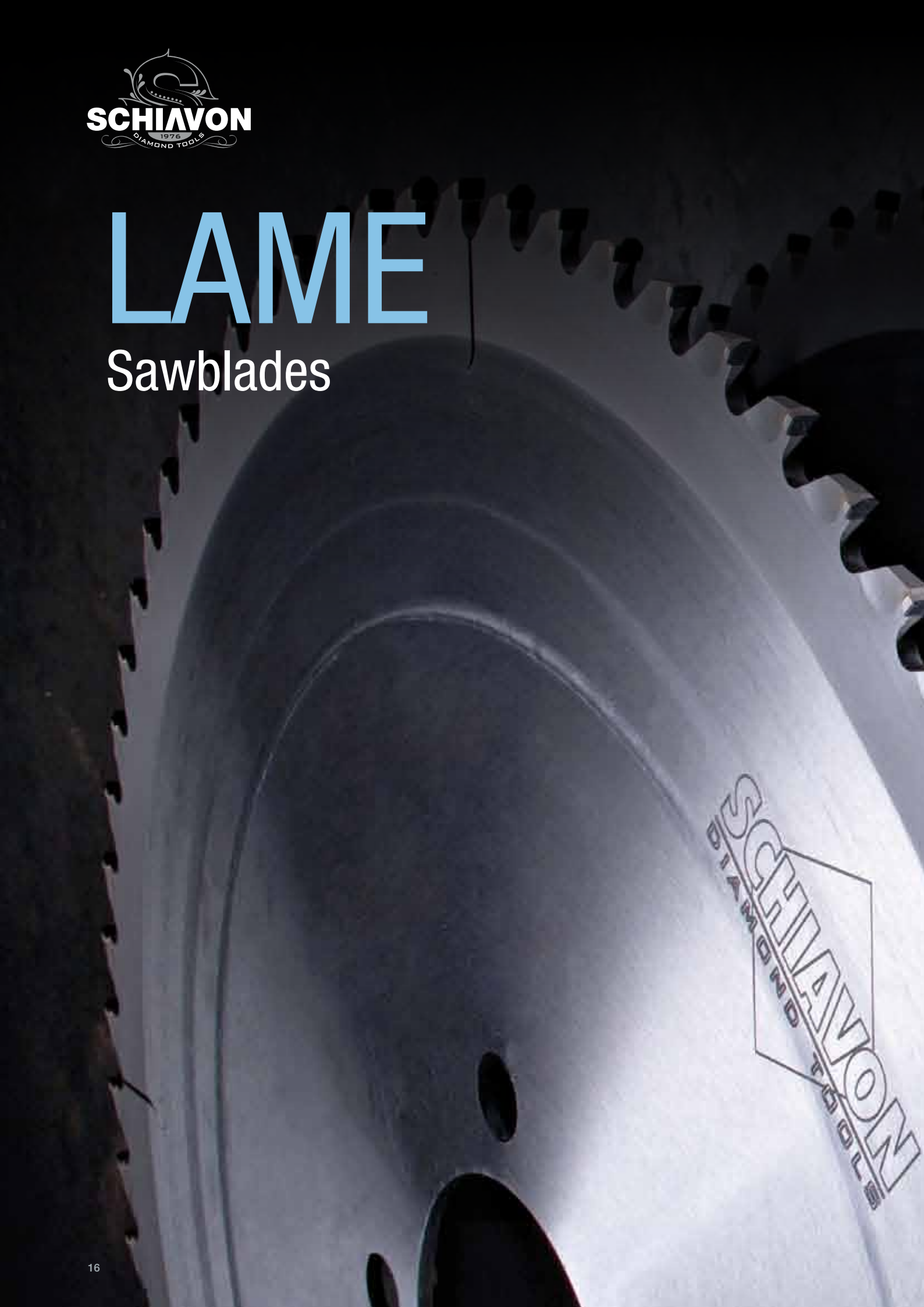
PVC - Plexiglass - Policarbonato - Metacrilato  
- Resine in genere

### Leghe

Alluminio - Avional - Ergal

# LAME

Sawblades



A close-up, low-angle shot of a large, circular diamond saw blade. The blade is metallic and features a series of diamond-encrusted teeth along its outer edge. The Schiavon logo is visible on the blade's surface.

**SCHIAVON**  
DIAMOND TOOLS

LAME CIRCOLARI  
Circular Sawblades

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LAME INCISORI PIANI  
Scorers

26



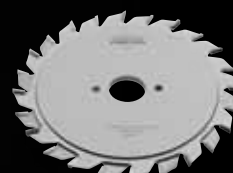
LAME INCISORI CONICI  
Conical Scorers

28



LAME INCISORI REGISTRABILI  
Adjustable Scorers

30

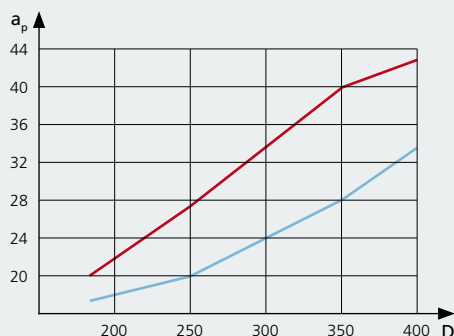


LAME INCISORI PER SQUADRATRICE DOPPIA  
Scorers for Double End Tenoner

32



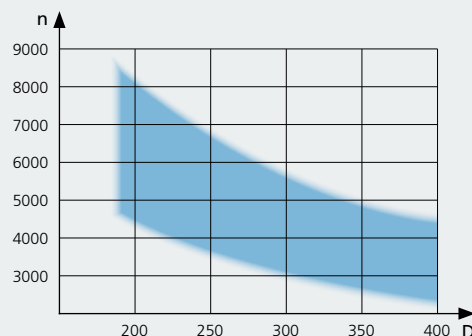
# 1 LAME Sawblades



Materiali su base legno / Panels Wood Based

Materie plastiche / Plastic Materials

$a_p$  Spessore pannello / Panel Thickness



$F_z$  Compositi / Composites 0,1-0,15 mm

Materie Plastiche / Plastic Materials 0,05 mm

## PRESTAZIONI:

- OTTIMA
- BUONA
- ACCETTABILE

## PERFORMANCE:

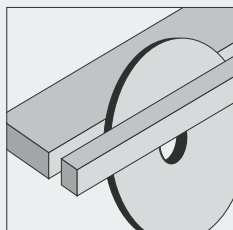
- BEST
- GOOD
- ACCEPTABLE

|                            |                          | LAME CIRCOLARI<br>CIRCULAR SAWBLADES |     |     | LAME INCISORI PIANE<br>SCORING SAWS |     |     | LAME INCISORI CONICHE<br>CONICAL SCORING SAWS |        | LAME INCISORI REGISTRABILI<br>ADJUSTABLE SCORING SAWS | LAME INCISORI PER SQUADRATRICE<br>SCORING SAWS FOR DOUBLE END TENONER |
|----------------------------|--------------------------|--------------------------------------|-----|-----|-------------------------------------|-----|-----|-----------------------------------------------|--------|-------------------------------------------------------|-----------------------------------------------------------------------|
|                            |                          | Fz/Tr                                | Tr  | Wz  | Fz/Tr                               | Tr  | Wz  | Kon                                           | Kon/Wz | Fz                                                    | Is                                                                    |
| LEGNO MASSICCIO            | HARDWOOD                 | •                                    | •   | ••  | •                                   | •   | ••  | ••                                            | •••    | •••                                                   | ••                                                                    |
| LAMELLARE                  | GLUED LAMINATED TIMBER   | ••                                   | •   | ••• | ••                                  | •   | ••• | ••                                            | •••    | •••                                                   | ••                                                                    |
| TRUCIOLARE                 | CHIPBOARD                | •••                                  | ••  | ••  | •••                                 | ••  | ••  | ••                                            | •••    | •••                                                   | •••                                                                   |
| TRUCIOLARE PLACCATO        | FACED CHIPBOARD          | •••                                  | ••  | ••  | •••                                 | ••  | ••  | ••                                            | •••    | •••                                                   | •••                                                                   |
| TRUCIOLARE MELAMINICO      | MELAMINE FACED CHIPBOARD | •••                                  | ••  | ••  | •••                                 | ••  | ••  | ••                                            | •••    | •••                                                   | •••                                                                   |
| TRUCIOLARE RIVESTITO CARTA | PAPER-COVERED CHIPBOARD  | ••                                   | ••  | ••• | ••                                  | ••  | ••• | ••                                            | •••    | •••                                                   | •••                                                                   |
| MDF GREZZO                 | RAW MDF                  | •••                                  | ••  | ••  | •••                                 | ••  | ••  | ••                                            | •••    | •••                                                   | •••                                                                   |
| MDF PLACCATO               | FACED MDF                | •••                                  | ••  | ••  | •••                                 | ••  | ••  | ••                                            | •••    | •••                                                   | •••                                                                   |
| MDF MELAMINICO             | MELAMINE FACED MDF       | •••                                  | ••  | ••  | •••                                 | ••  | ••  | ••                                            | •••    | •••                                                   | •••                                                                   |
| MDF RIVESTITO CARTA        | PAPER-FACED MDF          | ••                                   | ••  | ••• | ••                                  | ••  | ••• | ••                                            | •••    | •••                                                   | •••                                                                   |
| MULTIPLEX                  | MultiPlex BOARD          | ••                                   | •   | ••• | ••                                  | •   | ••• | ••                                            | •••    | •••                                                   | •••                                                                   |
| HPL, CPL, Trespa           | HPL, CPL, Trespa         | •••                                  | •   | ••  | •••                                 | •   | ••  | •                                             | •••    | ••                                                    | ••                                                                    |
| OSB                        | OSB                      | •••                                  | ••  | ••  | •••                                 | ••  | ••  | ••                                            | •••    | •••                                                   | •••                                                                   |
| POLIURETANO RIGIDO         | HARD POLYURETHANE        | •                                    | •   | ••  | •                                   | •   | ••  | •                                             | •••    | ••                                                    | ••                                                                    |
| PLASTOMERO                 | SOFT POLYURETHANE        | •                                    | •   | ••  | •                                   | •   | ••  | •                                             | •••    | ••                                                    | ••                                                                    |
| P. BASE DI FIBRA DI VETRO  | FIBERGLASS BOARD         | •••                                  | ••  | ••  | •••                                 | ••  | ••  | •                                             | •••    | ••                                                    | ••                                                                    |
| CORIAN, VARICOR            | CORIAN, VARICOR          | •                                    | •   | ••  | •                                   | •   | ••  | •                                             | •••    | ••                                                    | ••                                                                    |
| PANNELLO CARTONGESSO       | PLASTERBOARD             | ••                                   | ••• | ••  | ••                                  | ••• | ••  | ••                                            | •••    | ••                                                    | ••                                                                    |

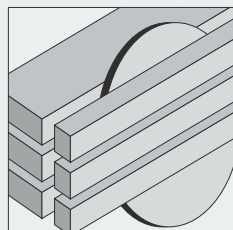


## LAVORAZIONE

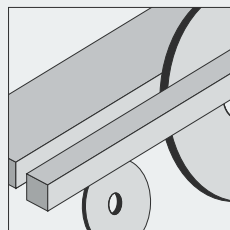
### Application



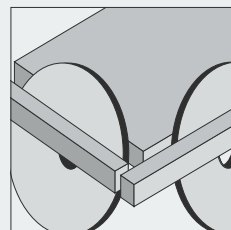
Sezionare pannello singolo  
Single panel cut



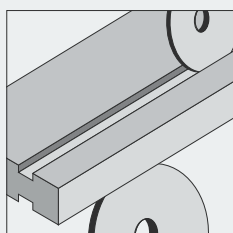
Sezionare a pacco  
Stack of panels cut



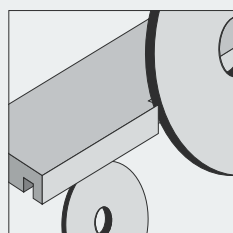
Taglio con lama e incisore  
Scoring unit and sawblade cut



Taglio universale  
Universal cut



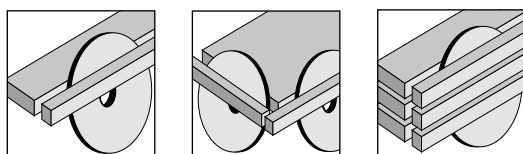
Incidere sopra sotto  
Top and bottom scoring



Pre-incisione  
Pre-scoring

# LAME CIRCOLARI

## Circular Sawblades



Impiegate nella sezionatura di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati. Utilizzabili su macchine sezionatrici orizzontali o verticali con l'impiego di incisore per pretaglio. La differenti affilature permettono una buona finitura su tutti i materiale a fibra legnosa e non. Altre affilature disponibili su richiesta.

Corpo con asole di silenziatura.

Geometria di taglio positiva.

I fori di trascinamento permettono l'utilizzo sulle più comuni macchine in commercio.

Taglio pannello singolo o a pacco.

Riserva affilatura:

Altezza 4 mm 1,5 mm

Altezza 6 mm 3,5 mm

Affilatura standard FZ/TR

Used to cut chipboard, MDF, HDF and plywood panels with or without veneer, melamine, paper or plastic coatings. Suitable for vertical or horizontal panel saws with scorer. Various tooth shapes available to achieve excellent finish both on wooden or non wooden based materials. Special or custom engineered tooth shapes can be provided on request.

Noise reducing slots.

Positive tooth rake angle.

Pinholes suitable for most common machines in the market.

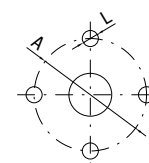
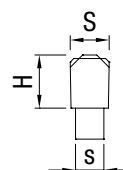
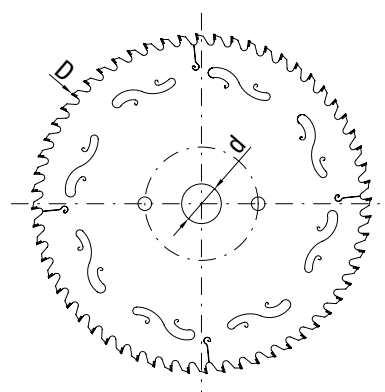
Single or multiple panel cut.

Available PCD for re-sharpening:

H 4 mm 1,5 mm

H 6 mm 3,5 mm

Standard sharpening FZ/TR



### NLA

N = numero fori number of pin holes  
L = Ø foro pin holes diameter  
A = interasse C/C

| CODE H4  | CODE H6  | D   | S   | s   | d  | NLA                          | Z  |
|----------|----------|-----|-----|-----|----|------------------------------|----|
| 01040088 | 01060088 | 240 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 48 |
| 01040090 | 01060090 | 240 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040331 | 01060331 | 250 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 48 |
| 01040096 | 01060096 | 250 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040098 | 01060098 | 250 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 80 |
| 01040100 | 01060100 | 280 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040104 | 01060104 | 300 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 48 |
| 01040110 | 01060110 | 300 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040117 | 01060117 | 300 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040134 | 01060134 | 300 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 96 |
| 01040105 | 01060105 | 300 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 48 |
| 01040111 | 01060111 | 300 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040118 | 01060118 | 300 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040135 | 01060135 | 300 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 96 |
| 01040112 | 01060112 | 300 | 4,4 | 3,2 | 65 | 2/9/100 + 2/9/110            | 60 |
| 01040123 | 01060123 | 300 | 4,4 | 3,2 | 65 | 2/9/100 + 2/9/110            | 72 |
| 01040114 | 01060114 | 300 | 4,4 | 3,2 | 75 | 4/15/105                     | 60 |
| 01040125 | 01060125 | 300 | 4,4 | 3,2 | 75 | 4/15/105                     | 72 |
| 01040137 | 01060137 | 300 | 4,4 | 3,2 | 75 | 4/15/105                     | 96 |
| 01040109 | 01060109 | 300 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 48 |
| 01040116 | 01060116 | 300 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 60 |
| 01040131 | 01060131 | 300 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 72 |
| 01040133 | 01060133 | 300 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 84 |
| 01040138 | 01060138 | 303 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040139 | 01060139 | 303 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040140 | 01060140 | 305 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040142 | 01060142 | 305 | 3,2 | 2,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040141 | 01060141 | 305 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040143 | 01060143 | 320 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040147 | 01060147 | 320 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040144 | 01060144 | 320 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 60 |
| 01040148 | 01060148 | 320 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 72 |
| 01040151 | 01060151 | 320 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 84 |
| 01040145 | 01060145 | 320 | 4,4 | 3,2 | 65 | 2/9/100 + 2/9/110            | 60 |
| 01040149 | 01060149 | 320 | 4,4 | 3,2 | 65 | 2/9/100 + 2/9/110            | 72 |
| 01040146 | 01060146 | 320 | 4,4 | 3,2 | 75 | 3/13/95 + 3/7/100            | 60 |
| 01040150 | 01060150 | 320 | 4,4 | 3,2 | 75 | 3/13/95 + 3/7/100            | 72 |
| 01040333 | 01060333 | 350 | 3,5 | 2,5 | 30 | 2/7/42 + 2/10/60             | 54 |
| 01040334 | 01060334 | 350 | 3,5 | 2,5 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040335 | 01060335 | 350 | 3,5 | 2,5 | 30 | 2/7/42 + 2/10/60             | 84 |
| 01040159 | 01060159 | 350 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 54 |
| 01040161 | 01060161 | 350 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040169 | 01060169 | 350 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040180 | 01060180 | 350 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 84 |
| 01040163 | 01060163 | 350 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 60 |
| 01040171 | 01060171 | 350 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 72 |

FZ/TR



WZ



TR



## LAME CIRCOLARI

## Circular Sawblades

| CODE H4  | CODE H6  | D   | S   | s   | d  | NLA                          | Z  |
|----------|----------|-----|-----|-----|----|------------------------------|----|
| 01040181 | 01060181 | 350 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 84 |
| 01040172 | 01060172 | 350 | 4,4 | 3,2 | 60 | 2/11/85 + 2/14/100           | 72 |
| 01040157 | 01060157 | 350 | 4,4 | 3,2 | 75 | 4/15/105                     | 48 |
| 01040164 | 01060164 | 350 | 4,4 | 3,2 | 75 | 4/15/105                     | 60 |
| 01040173 | 01060173 | 350 | 4,4 | 3,2 | 75 | 4/15/105                     | 72 |
| 01040158 | 01060158 | 350 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 48 |
| 01040160 | 01060160 | 350 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 54 |
| 01040165 | 01060165 | 350 | 4,4 | 3,2 | 80 | 2/17/110 + 2/9/110 + 2/7/110 | 60 |
| 01040166 | 01060166 | 350 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130           | 60 |
| 01040167 | 01060167 | 350 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100           | 60 |
| 01040168 | 01060168 | 350 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 60 |
| 01040175 | 01060175 | 350 | 4,4 | 3,2 | 80 | 2/17/110 + 2/9/110 + 2/7/110 | 72 |
| 01040176 | 01060176 | 350 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130           | 72 |
| 01040177 | 01060177 | 350 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100           | 72 |
| 01040179 | 01060179 | 350 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 72 |
| 01040182 | 01060182 | 350 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100           | 84 |
| 01040183 | 01060183 | 350 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 84 |
| 01040186 | 01060186 | 355 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040184 | 01060184 | 355 | 4,4 | 3,2 | 75 | 4/15/105                     | 60 |
| 01040332 | 01060332 | 355 | 4,4 | 3,2 | 75 | 3/13/95 + 3/7/100            | 60 |
| 01040187 | 01060187 | 355 | 4,4 | 3,2 | 75 | 3/13/95 + 3/7/100            | 72 |
| 01040188 | 01060188 | 355 | 4,4 | 3,2 | 75 | 4/15/105                     | 72 |
| 01040192 | 01060192 | 355 | 4,4 | 3,2 | 75 | 3/13/95 + 3/7/100            | 84 |
| 01040185 | 01060185 | 355 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100           | 60 |
| 01040189 | 01060189 | 355 | 4,4 | 3,2 | 80 | 2/17/110 + 2/9/110 + 2/7/110 | 72 |
| 01040190 | 01060190 | 355 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130           | 72 |
| 01040191 | 01060191 | 355 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100           | 72 |
| 01040193 | 01060193 | 370 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040195 | 01060195 | 380 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040203 | 01060203 | 380 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60             | 72 |
| 01040196 | 01060196 | 380 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 60 |
| 01040204 | 01060204 | 380 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 72 |
| 01040211 | 01060211 | 380 | 4,4 | 3,2 | 50 | 4/12,5/80                    | 84 |
| 01040194 | 01060194 | 380 | 4,4 | 3,2 | 75 | 4/15/105                     | 48 |
| 01040198 | 01060198 | 380 | 4,4 | 3,2 | 75 | 4/15/105                     | 60 |
| 01040206 | 01060206 | 380 | 4,4 | 3,2 | 75 | 4/15/105                     | 72 |
| 01040201 | 01060201 | 380 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100           | 60 |
| 01040202 | 01060202 | 380 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 60 |
| 01040209 | 01060209 | 380 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100           | 72 |
| 01040210 | 01060210 | 380 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 72 |
| 01040214 | 01060214 | 380 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 84 |
| 01040200 | 01060200 | 380 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100           | 60 |
| 01040208 | 01060208 | 380 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100           | 72 |
| 01040213 | 01060213 | 380 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100           | 84 |
| 01040197 | 01060197 | 380 | 4,8 | 3,5 | 60 | 2/11/85 + 2/14/100           | 60 |
| 01040205 | 01060205 | 380 | 4,8 | 3,5 | 60 | 2/11/85 + 2/14/100           | 72 |

FZ/TR



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TR



| CODE H4  | CODE H6  | D   | S   | s   | d  | NLA                            | Z  |
|----------|----------|-----|-----|-----|----|--------------------------------|----|
| 01040212 | 01060212 | 380 | 4,8 | 3,5 | 60 | 2/11/85 + 2/14/100             | 84 |
| 01040219 | 01060219 | 400 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60               | 60 |
| 01040227 | 01060227 | 400 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60               | 72 |
| 01040229 | 01060229 | 400 | 4,4 | 3,2 | 30 |                                | 72 |
| 01040215 | 01060215 | 400 | 4,4 | 3,2 | 60 | 2/11/85 + 2/14/100             | 48 |
| 01040220 | 01060220 | 400 | 4,4 | 3,2 | 60 | 2/11/85 + 2/14/100             | 60 |
| 01040221 | 01060221 | 400 | 4,4 | 3,2 | 60 | 2/11/115 + 2/19/120 + 2/11/148 | 60 |
| 01040230 | 01060230 | 400 | 4,4 | 3,2 | 60 | 2/11/85 + 2/14/100             | 72 |
| 01040231 | 01060231 | 400 | 4,4 | 3,2 | 60 | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040216 | 01060216 | 400 | 4,4 | 3,2 | 75 | 4/15/105                       | 48 |
| 01040222 | 01060222 | 400 | 4,4 | 3,2 | 75 | 4/15/105                       | 60 |
| 01040233 | 01060233 | 400 | 4,4 | 3,2 | 75 | 4/15/105                       | 72 |
| 01040237 | 01060237 | 400 | 4,4 | 3,2 | 75 | 4/15/105                       | 84 |
| 01040217 | 01060217 | 400 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100             | 48 |
| 01040218 | 01060218 | 400 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110   | 48 |
| 01040223 | 01060223 | 400 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130             | 60 |
| 01040225 | 01060225 | 400 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100             | 60 |
| 01040226 | 01060226 | 400 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110   | 60 |
| 01040236 | 01060236 | 400 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110   | 72 |
| 01040238 | 01060238 | 400 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130             | 84 |
| 01040239 | 01060239 | 400 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100             | 84 |
| 01040240 | 01060240 | 400 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110   | 84 |
| 01040224 | 01060224 | 400 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100             | 60 |
| 01040232 | 01060232 | 400 | 4,8 | 3,5 | 60 | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040244 | 01060244 | 420 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040246 | 01060246 | 420 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110   | 72 |
| 01040249 | 01060249 | 420 | 4,4 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110   | 84 |
| 01040241 | 01060241 | 420 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100             | 60 |
| 01040245 | 01060245 | 420 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040248 | 01060248 | 420 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100             | 84 |
| 01040242 | 01060242 | 420 | 4,8 | 3,5 | 60 | 2/11/85 + 2/14/100             | 72 |
| 01040243 | 01060243 | 420 | 4,8 | 3,5 | 60 | 2/10/80 + 2/14/125             | 72 |
| 01040247 | 01060247 | 420 | 4,8 | 3,5 | 60 | 2/11/85 + 2/14/100             | 84 |
| 01040250 | 01060250 | 430 | 4,4 | 3,2 | 60 | 2/11/85 + 2/14/100             | 60 |
| 01040253 | 01060253 | 430 | 4,4 | 3,2 | 60 | 2/11/85 + 2/14/100             | 72 |
| 01040251 | 01060251 | 430 | 4,4 | 3,2 | 75 | 4/15/105                       | 60 |
| 01040254 | 01060254 | 430 | 4,4 | 3,2 | 75 | 4/15/105                       | 72 |
| 01040256 | 01060256 | 430 | 4,4 | 3,2 | 75 | 4/15/105                       | 84 |
| 01040258 | 01060258 | 430 | 4,4 | 3,2 | 75 | 4/15/105                       | 96 |
| 01040252 | 01060252 | 430 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130             | 60 |
| 01040255 | 01060255 | 430 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130             | 72 |
| 01040257 | 01060257 | 430 | 4,4 | 3,2 | 80 | 4/19/120 + 2/9/130             | 84 |
| 01040262 | 01060262 | 450 | 4,4 | 3,2 | 30 | 2/7/42 + 2/10/60               | 72 |
| 01040269 | 01060269 | 450 | 4,4 | 3,2 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040268 | 01060268 | 450 | 4,6 | 3,2 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040259 | 01060259 | 450 | 4,8 | 3,5 | 30 | 2/7/42 + 2/10/60               | 60 |

FZ/TR



WZ



TR



## LAME CIRCOLARI

## Circular Sawblades

| CODE H4  | CODE H6  | D   | S   | s   | d   | NLA                            | Z  |
|----------|----------|-----|-----|-----|-----|--------------------------------|----|
| 01040264 | 01060264 | 450 | 4,8 | 3,5 | 30  | 2/7/42 + 2/10/60               | 72 |
| 01040260 | 01060260 | 450 | 4,8 | 3,5 | 60  | 2/10/80 + 2/14/125             | 60 |
| 01040265 | 01060265 | 450 | 4,8 | 3,5 | 60  | 2/11/85 + 2/14/100             | 72 |
| 01040266 | 01060266 | 450 | 4,8 | 3,5 | 60  | 2/10/80 + 2/14/125             | 72 |
| 01040261 | 01060261 | 450 | 4,8 | 3,5 | 80  | 4/19/120 + 2/9/130             | 60 |
| 01040267 | 01060267 | 450 | 4,8 | 3,5 | 80  | 4/19/120 + 2/9/130             | 72 |
| 01040270 | 01060270 | 450 | 4,8 | 3,5 | 80  | 4/19/120 + 2/9/130             | 84 |
| 01040271 | 01060271 | 460 | 4,8 | 3,5 | 30  | 2/7/42 + 2/10/60               | 60 |
| 01040272 | 01060272 | 460 | 4,8 | 3,5 | 30  | 2/7/42 + 2/10/60               | 72 |
| 01040273 | 01060273 | 470 | 4,8 | 3,5 | 75  | 4/15/105                       | 60 |
| 01040274 | 01060274 | 470 | 4,8 | 3,5 | 75  | 4/15/105                       | 72 |
| 01040275 | 01060275 | 470 | 4,8 | 3,5 | 75  | 4/15/105                       | 96 |
| 01040276 | 01060276 | 480 | 4,8 | 3,5 | 30  | 2/7/42 + 2/10/60               | 60 |
| 01040278 | 01060278 | 480 | 4,8 | 3,5 | 30  | 2/7/42 + 2/10/60               | 72 |
| 01040277 | 01060277 | 480 | 4,8 | 3,5 | 80  | 4/19/120 + 2/9/130             | 60 |
| 01040279 | 01060279 | 480 | 4,8 | 3,5 | 80  | 4/19/120 + 2/9/130             | 72 |
| 01040280 | 01060280 | 480 | 4,8 | 3,5 | 80  | 4/19/120 + 2/9/130             | 84 |
| 01040281 | 01060281 | 500 | 4,8 | 3,5 | 30  | 2/7/42 + 2/10/60               | 60 |
| 01040282 | 01060282 | 500 | 4,8 | 3,5 | 60  | 2/11/85 + 2/14/100             | 60 |
| 01040283 | 01060283 | 500 | 4,8 | 3,5 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 60 |
| 01040285 | 01060285 | 500 | 4,8 | 3,5 | 60  | 2/11/85 + 2/14/100             | 72 |
| 01040286 | 01060286 | 500 | 4,8 | 3,5 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040284 | 01060284 | 500 | 4,8 | 3,5 | 80  | 2/14/110 + 4/9/100             | 60 |
| 01040287 | 01060287 | 500 | 4,8 | 3,5 | 80  | 2/14/110 + 4/9/100             | 72 |
| 01040288 | 01060288 | 505 | 4,8 | 3,5 | 80  | 4/19/120 + 2/9/130             | 72 |
| 01040289 | 01060289 | 520 | 4,8 | 3,5 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 60 |
| 01040291 | 01060291 | 530 | 5,0 | 3,5 | 60  | 2/11/85 + 2/14/100             | 60 |
| 01040292 | 01060292 | 530 | 5,0 | 3,5 | 60  | 2/11/85 + 2/14/100             | 72 |
| 01040290 | 01060290 | 530 | 5,5 | 4   | 30  | 2/7/42 + 2/10/60               | 60 |
| 01040297 | 01060297 | 550 | 5   | 3,5 | 80  | 2/14/110 + 4/9/100             | 60 |
| 01040298 | 01060298 | 550 | 5   | 3,5 | 100 |                                | 72 |
| 01040294 | 01060294 | 550 | 5,2 | 3,5 | 100 |                                | 60 |
| 01040293 | 01060293 | 550 | 5,5 | 4   | 40  | 2/11/140 + 2/13/122            | 48 |
| 01040296 | 01060296 | 550 | 5,5 | 4   | 40  | 2/11/140 + 2/13/122            | 60 |
| 01040299 | 01060299 | 550 | 5,5 | 4   | 40  | 2/11/140 + 2/13/122            | 72 |
| 01040295 | 01060295 | 550 | 5,5 | 4   | 100 |                                | 60 |
| 01040301 | 01060301 | 565 | 5   | 3,5 | 100 |                                | 72 |
| 01040300 | 01060300 | 565 | 5,5 | 4   | 100 |                                | 60 |
| 01040302 | 01060302 | 565 | 5,5 | 4   | 100 |                                | 72 |
| 01040303 | 01060303 | 570 | 5,5 | 4   | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 60 |
| 01040304 | 01060304 | 570 | 5,5 | 4   | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040305 | 01060305 | 570 | 5,8 | 4   | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040307 | 01060307 | 580 | 5   | 3,5 | 80  | 2/14/110 + 4/9/100             | 60 |
| 01040306 | 01060306 | 580 | 5,5 | 4   | 40  | 2/11/140 + 2/13/122            | 60 |
| 01040308 | 01060308 | 580 | 5,5 | 4   | 40  | 2/11/140 + 2/13/122            | 72 |
| 01040310 | 01060310 | 600 | 5,8 | 4   | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 60 |

FZ/TR



WZ



TR



| CODE H4  | CODE H6  | D   | S   | s | d   | NLA                            | Z  |
|----------|----------|-----|-----|---|-----|--------------------------------|----|
| 01040312 | 01060312 | 600 | 5,8 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040309 | 01060309 | 600 | 5,8 | 4 | 100 |                                | 60 |
| 01040311 | 01060311 | 600 | 5,8 | 4 | 100 |                                | 72 |
| 01040313 | 01060313 | 620 | 6,2 | 4 | 40  | 2/11/140 + 2/13/122            | 60 |
| 01040314 | 01060314 | 620 | 6,2 | 4 | 40  | 2/11/140 + 2/13/122            | 72 |
| 01040315 | 01060315 | 650 | 5,8 | 4 | 40  | 2/11/140 + 2/13/122            | 48 |
| 01040316 | 01060316 | 650 | 5,8 | 4 | 40  | 2/11/140 + 2/13/122            | 60 |
| 01040317 | 01060317 | 650 | 5,8 | 4 | 40  | 2/11/140 + 2/13/122            | 72 |
| 01040318 | 01060318 | 670 | 5,8 | 4 | 40  | 2/11/140 + 2/13/122            | 48 |
| 01040320 | 01060320 | 670 | 5,8 | 4 | 40  | 2/11/140 + 2/13/122            | 60 |
| 01040321 | 01060321 | 670 | 5,8 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 60 |
| 01040322 | 01060322 | 670 | 5,8 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040319 | 01060319 | 670 | 6,2 | 4 | 40  | 2/11/140 + 2/13/122            | 60 |
| 01040323 | 01060323 | 680 | 5,8 | 4 | 40  | 2/11/140 + 2/13/122            | 60 |
| 01040324 | 01060324 | 700 | 5,8 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 60 |
| 01040326 | 01060326 | 700 | 5,8 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040328 | 01060328 | 700 | 5,8 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 96 |
| 01040325 | 01060325 | 700 | 6   | 4 | 80  | 2/17/110 + 2/9/110 + 2/7/110   | 60 |
| 01040327 | 01060327 | 700 | 6   | 4 | 80  | 2/17/110 + 2/9/110 + 2/7/110   | 72 |
| 01040329 | 01060329 | 730 | 6,2 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 72 |
| 01040330 | 01060330 | 730 | 6,2 | 4 | 60  | 2/11/115 + 2/19/120 + 2/11/148 | 84 |

FZ/TR



WZ

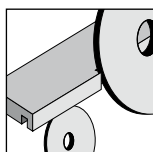
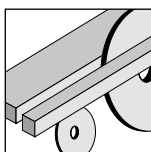


TR



# LAME INCISORI PIANI

## Scorers



Impiegate nell'incisione a favore dell'avanzamento di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati. Utilizzabili su macchine sezionatrici orizzontali o verticali. Le differenti affilature permettono una buona finitura su tutti i materiali a fibra legnosa e non. Altre affilature disponibili su richiesta.

Corpo con asole di silenziazione

Geometria di taglio positiva

Da utilizzare a favore dell'avanzamento

Profondità di lavoro: 2/3 mm

I fori di trascinamento permettono l'utilizzo sulle più comuni macchine in commercio

Riserva affilatura:

Altezza 4 mm 1,5 mm

Altezza 6 mm 3,5 mm

Affilatura standard TR

Used to score "with flow feed" chip-board, MDF, HDF and plywood panels with or without veneer, melamine, paper or plastic coatings. Suitable for vertical or horizontal panel saws with scorer. Various tooth shapes available to achieve excellent finish both on wooden or non wooden based materials.

Special or custom engineered tooth shapes can be provided on request.

Noise reducing slots

Positive tooth rake angle

With flow feed use

Scoring depth: 2/3 mm

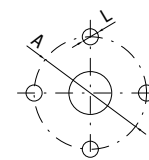
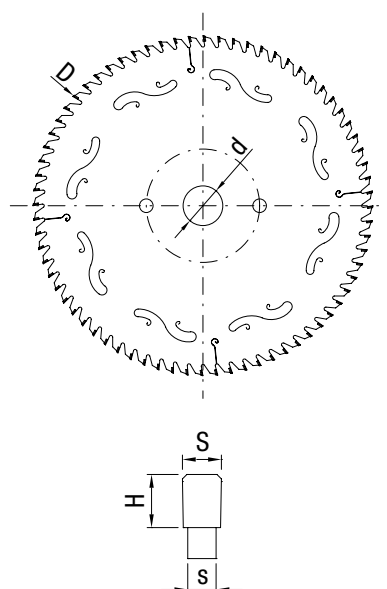
Pinholes suitable for most common machines in the market

Available PCD for re-sharpening

H 4 mm 1,5 mm

H 6 mm 3,5 mm

Standard sharpening TR



**NLA**

N = numero fori number of pin holes  
L = Ø foro pin holes diameter  
A = interasse C/C

| CODE H4  | CODE H6  | D   | S    | s   | d  | NLA                      | Z  |
|----------|----------|-----|------|-----|----|--------------------------|----|
| 01040003 | 01060003 | 80  | 3,35 | 2,2 | 20 |                          | 18 |
| 01040004 | 01060004 | 100 | 3,35 | 2,2 | 22 |                          | 18 |
| 01040027 | 01060027 | 160 | 4,6  | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66 | 36 |
| 01040032 | 01060032 | 180 | 3,35 | 2,2 | 20 |                          | 36 |
| 01040035 | 01060035 | 180 | 4,55 | 3,2 | 20 |                          | 36 |
| 01040041 | 01060041 | 180 | 4,55 | 3,2 | 30 | 2/7/42 + 2/10/60         | 36 |
| 01040044 | 01060044 | 180 | 4,55 | 3,2 | 50 | 4/12,5/80                | 36 |

| CODE H4  | CODE H6  | D   | S    | s   | d  | NLA                            | Z  |
|----------|----------|-----|------|-----|----|--------------------------------|----|
| 01040046 | 01060046 | 180 | 4,6  | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66       | 36 |
| 01040056 | 01060056 | 200 | 4,55 | 3,2 | 20 |                                | 36 |
| 01040072 | 01060072 | 200 | 4,6  | 3,2 | 80 | 2/14/110 + 4/9/100             | 36 |
| 01040075 | 01060075 | 200 | 4,95 | 3,5 | 45 | 3/11/70 + 3/15/75              | 60 |
| 01040074 | 01060074 | 200 | 5    | 3,5 | 45 | 3/11/70 + 3/15/75              | 48 |
| 01040076 | 01060076 | 200 | 5,95 | 4,5 | 45 | 3/11/70 + 3/15/75              | 60 |
| 01040080 | 01060080 | 215 | 4,55 | 3,2 | 50 | 3/15/80                        | 48 |
| 01040083 | 01060083 | 220 | 3,35 | 2,2 | 30 | 2/7/42 + 2/10/60               | 48 |
| 01040085 | 01060085 | 220 | 4,9  | 3,5 | 45 | 3/11/70 + 3/15/75              | 48 |
| 01040084 | 01060084 | 220 | 5    | 3,5 | 45 | 3/11/70 + 3/15/75              | 48 |
| 01040086 | 01060086 | 220 | 6    | 4   | 45 | 3/11/70 + 3/15/75              | 48 |
| 01040087 | 01060087 | 220 | 6    | 4   | 45 | 3/11/70 + 3/15/75              | 64 |
| 01040089 | 01060089 | 240 | 4,55 | 3,2 | 45 | 3/11/70 + 3/15/75              | 48 |
| 01040091 | 01060091 | 250 | 4,55 | 3,2 | 30 | 2/7/42 + 2/10/60               | 48 |
| 01040097 | 01060097 | 250 | 4,55 | 3,2 | 45 | 3/11/70 + 3/15/75              | 60 |
| 01040093 | 01060093 | 250 | 4,55 | 3,2 | 50 | 4/12,5/80                      | 48 |
| 01040094 | 01060094 | 250 | 4,55 | 3,2 | 60 | 2/11/115 + 2/19/120 + 2/11/148 | 48 |
| 01040095 | 01060095 | 250 | 5    | 3,5 | 60 | 2/11/115 + 2/19/120 + 2/11/148 | 48 |
| 01040101 | 01060101 | 280 | 4,55 | 3,2 | 45 | 3/11/70 + 3/15/75              | 60 |
| 01040099 | 01060099 | 280 | 4,6  | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66       | 48 |
| 01040103 | 01060103 | 280 | 4,6  | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66       | 60 |
| 01040102 | 01060102 | 280 | 4,95 | 3,5 | 45 | 3/11/70 + 3/15/75              | 60 |
| 01040120 | 01060120 | 300 | 4,55 | 3,2 | 50 | 3/15/80                        | 72 |
| 01040122 | 01060122 | 300 | 4,55 | 3,2 | 65 | 2/9/100 + 2/9/110              | 72 |
| 01040113 | 01060113 | 300 | 4,55 | 3,2 | 75 | 4/15/105                       | 60 |
| 01040136 | 01060136 | 300 | 4,55 | 3,2 | 75 | 4/15/105                       | 96 |
| 01040126 | 01060126 | 300 | 4,55 | 3,2 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040127 | 01060127 | 300 | 4,55 | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110   | 72 |
| 01040119 | 01060119 | 300 | 4,6  | 3,2 | 50 | 3/15/80                        | 72 |
| 01040132 | 01060132 | 300 | 4,6  | 3,2 | 50 | 3/15/80                        | 80 |
| 01040124 | 01060124 | 300 | 4,6  | 3,2 | 65 | 2/9/100 + 2/9/110              | 72 |
| 01040129 | 01060129 | 300 | 4,75 | 3,5 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040115 | 01060115 | 300 | 4,8  | 3,5 | 80 | 2/14/110 + 4/9/100             | 60 |
| 01040128 | 01060128 | 300 | 4,8  | 3,5 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040121 | 01060121 | 300 | 4,95 | 3,5 | 50 | 3/15/80                        | 72 |
| 01040130 | 01060130 | 300 | 5,2  | 3,5 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040152 | 01060152 | 340 | 4,95 | 3,5 | 45 | 3/11/70 + 3/15/75              | 60 |
| 01040153 | 01060153 | 340 | 4,95 | 3,5 | 45 | 3/11/70 + 3/15/75              | 72 |
| 01040154 | 01060154 | 340 | 5    | 3,5 | 45 | 3/11/70 + 3/15/75              | 72 |
| 01040156 | 01060156 | 340 | 5,95 | 4,5 | 45 | 3/11/70 + 3/15/75              | 72 |
| 01040155 | 01060155 | 340 | 6    | 4   | 45 | 3/11/70 + 3/15/75              | 72 |
| 01040174 | 01060174 | 350 | 4,55 | 3,2 | 75 | 4/15/105                       | 72 |
| 01040178 | 01060178 | 350 | 4,75 | 3,5 | 80 | 2/14/110 + 4/9/100             | 72 |
| 01040228 | 01060228 | 400 | 4,55 | 3,2 | 30 | 2/7/42 + 2/10/60               | 72 |
| 01040263 | 01060263 | 450 | 5    | 3,5 | 30 | 2/7/42 + 2/10/60               | 72 |

FZ/TR



WZ

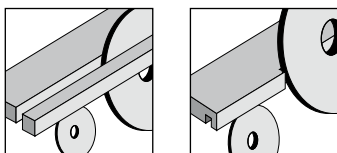


TR



# LAME INCISORI CONICI

## Conical Scorers



Impiegate nell'incisione a favore dell'avanzamento di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati. Utilizzabili su macchine sezionatrici orizzontali o verticali. La forma conica ne permette un perfetto abbinamento alla lama principale. La differenti affilature permettono una buona finitura su tutti i materiale a fibra legnosa e non. Altre affilature disponibili su richiesta.

Corpo con asole di silenziatura

Geometria di taglio positiva

Profondità di lavoro: 1,5/2 mm

Da utilizzare a favore dell'avanzamento

I fori di trascinamento permettono l'utilizzo sulle più comuni macchine in commercio

Riserva affilatura:

Altezza 4 mm 1,5 mm

Altezza 6 mm 3,5 mm

Affilatura standard KON

Used to score "with flow feed" chip-board, MDF, HDF and plywood panels with or without veneer, melamine, paper or plastic coatings. Suitable for vertical or horizontal panel saws with scorer. Conical tooth shape grants perfect coupling to main sawblade. Various tooth sharpening available to achieve excellent finish both on wooden or non wooden based materials.

Special or custom engineered tooth shapes can be provided on request.

Noise reducing slots

Positive tooth rake angle

With flow feed use

Scoring depth: 1,5/2 mm

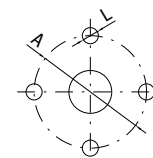
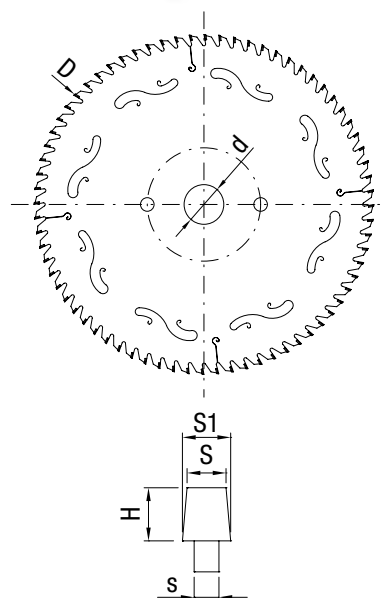
Pinholes suitable for most common machines in the market

Available PCD for re-sharpening

H 4 mm 1,5 mm

H 6 mm 3,5 mm

Standard sharpening KON



NLA

N = numero fori number of pin holes  
L = Ø foro pin holes diameter  
A = interasse C/C

| CODE H4  | CODE H6  | D   | S   | S1 H4 | S1 H6 | s   | d  | NLA               | Z  |
|----------|----------|-----|-----|-------|-------|-----|----|-------------------|----|
| 01040005 | 01060005 | 100 | 3,2 | 3,9   | 4,2   | 2,2 | 22 |                   | 18 |
| 01040006 | 01060006 | 100 | 3,2 | 3,9   | 4,2   | 2,2 | 22 |                   | 24 |
| 01040007 | 01060007 | 110 | 3,2 | 3,9   | 4,2   | 2,2 | 30 | 2/7/42 + 2/10/60  | 24 |
| 01040008 | 01060008 | 110 | 4,4 | 5,1   | 5,4   | 3,2 | 30 | 2/7/42 + 2/10/60  | 24 |
| 01040009 | 01060009 | 120 | 3,2 | 3,9   | 4,2   | 2,2 | 30 | 2/7/42 + 2/10/60  | 24 |
| 01040344 | 01060344 | 120 | 3,5 | 4,2   | 4,5   | 2,5 | 20 |                   | 24 |
| 01040010 | 01060010 | 120 | 4,4 | 5,1   | 5,4   | 3,2 | 30 | 2/7/42 + 2/10/60  | 24 |
| 01040011 | 01060011 | 125 | 3,2 | 3,9   | 4,2   | 2,2 | 20 |                   | 24 |
| 01040013 | 01060013 | 125 | 3,2 | 3,9   | 4,2   | 2,2 | 30 | 2/7/42 + 2/10/60  | 24 |
| 01040345 | 01060345 | 125 | 3,5 | 4,2   | 4,5   | 2,5 | 20 |                   | 24 |
| 01040012 | 01060012 | 125 | 4,4 | 5,1   | 5,4   | 3,2 | 20 |                   | 24 |
| 01040014 | 01060014 | 125 | 4,4 | 5,1   | 5,4   | 3,2 | 30 | 2/7/42 + 2/10/60  | 24 |
| 01040015 | 01060015 | 125 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75 | 24 |
| 01040016 | 01060016 | 127 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75 | 24 |
| 01040017 | 01060017 | 140 | 3,2 | 3,9   | 4,2   | 2,2 | 16 | 2/6/33            | 24 |
| 01040018 | 01060018 | 140 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75 | 24 |
| 01040346 | 01060346 | 150 | 3,5 | 4,2   | 4,5   | 2,5 | 20 |                   | 24 |
| 01040347 | 01060347 | 150 | 3,5 | 4,2   | 4,5   | 2,5 | 20 |                   | 36 |

| CODE H4  | CODE H6  | D   | S   | S1 H4 | S1 H6 | s   | d  | NLA                          | Z  |
|----------|----------|-----|-----|-------|-------|-----|----|------------------------------|----|
| 01040019 | 01060019 | 150 | 4,4 | 5,1   | 5,4   | 3,2 | 20 |                              | 24 |
| 01040022 | 01060022 | 150 | 4,4 | 5,1   | 5,4   | 3,2 | 20 |                              | 36 |
| 01040023 | 01060023 | 150 | 4,4 | 5,1   | 5,4   | 3,2 | 30 | 2/7/42 + 2/10/60             | 36 |
| 01040020 | 01060020 | 150 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75            | 24 |
| 01040021 | 01060021 | 150 | 5,8 | 6,5   | 6,8   | 4   | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 24 |
| 01040025 | 01060025 | 160 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75            | 24 |
| 01040026 | 01060026 | 160 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75            | 36 |
| 01040024 | 01060024 | 160 | 4,4 | 5,1   | 5,4   | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 24 |
| 01040028 | 01060028 | 160 | 4,4 | 5,1   | 5,4   | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 36 |
| 01040342 | 01060342 | 160 | 4,6 | 5,3   | 5,6   | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 36 |
| 01040031 | 01060031 | 180 | 3,2 | 3,9   | 4,2   | 2,2 | 16 | 2/6/33                       | 36 |
| 01040038 | 01060038 | 180 | 3,2 | 3,9   | 4,2   | 2,2 | 30 | 2/7/42 + 2/10/60             | 36 |
| 01040030 | 01060030 | 180 | 4,4 | 5,1   | 5,4   | 3,2 | 20 |                              | 24 |
| 01040034 | 01060034 | 180 | 4,4 | 5,1   | 5,4   | 3,2 | 20 |                              | 36 |
| 01040040 | 01060040 | 180 | 4,4 | 5,1   | 5,4   | 3,2 | 30 | 2/7/42 + 2/10/60             | 36 |
| 01040043 | 01060043 | 180 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75            | 36 |
| 01040045 | 01060045 | 180 | 4,4 | 5,1   | 5,4   | 3,2 | 50 | 4/12,5/80                    | 36 |
| 01040047 | 01060047 | 180 | 4,4 | 5,1   | 5,4   | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 36 |
| 01040033 | 01060033 | 180 | 4,8 | 5,5   | 5,8   | 3,2 | 20 |                              | 36 |
| 01040039 | 01060039 | 180 | 4,8 | 5,5   | 5,8   | 3,2 | 30 | 2/7/42 + 2/10/60             | 36 |
| 01040042 | 01060042 | 180 | 4,8 | 5,5   | 5,8   | 3,2 | 45 | 3/11/70 + 3/15/75            | 36 |
| 01040036 | 01060036 | 180 | 5   | 5,7   | 6,0   | 3,5 | 20 |                              | 36 |
| 01040049 | 01060049 | 180 | 5   | 5,7   | 6,0   | 3,5 | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 36 |
| 01040048 | 01060048 | 180 | 5,2 | 5,9   | 6,2   | 3,5 | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 36 |
| 01040050 | 01060050 | 180 | 5,5 | 6,2   | 6,5   | 4   | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 36 |
| 01040037 | 01060037 | 180 | 6   | 6,7   | 7,0   | 4   | 20 |                              | 36 |
| 01040061 | 01060061 | 200 | 3,2 | 3,9   | 4,2   | 2,2 | 30 | 2/7/42 + 2/10/60             | 36 |
| 01040051 | 01060051 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 20 |                              | 24 |
| 01040054 | 01060054 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 20 |                              | 36 |
| 01040062 | 01060062 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 30 | 2/7/42 + 2/10/60             | 36 |
| 01040064 | 01060064 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 45 | 3/11/70 + 3/15/75            | 36 |
| 01040068 | 01060068 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 50 | 3/15/80                      | 36 |
| 01040052 | 01060052 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 65 | 2/9/100 + 2/9/110            | 24 |
| 01040070 | 01060070 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 65 | 2/9/100 + 2/9/110            | 36 |
| 01040053 | 01060053 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 80 | 2/14/110 + 4/9/100           | 24 |
| 01040073 | 01060073 | 200 | 4,4 | 5,1   | 5,4   | 3,2 | 80 | 4/9/100 + 2/7/110 + 2/14/110 | 36 |
| 01040069 | 01060069 | 200 | 4,6 | 5,3   | 5,6   | 3,2 | 55 | 3/6/84 + 3/6/88 + 3/7/66     | 36 |
| 01040343 | 01060343 | 200 | 4,6 | 5,3   | 5,6   | 3,2 | 80 | 2/14/110 + 4/9/100           | 36 |
| 01040055 | 01060055 | 200 | 4,8 | 5,5   | 5,8   | 3,2 | 20 |                              | 36 |
| 01040063 | 01060063 | 200 | 4,8 | 5,5   | 5,8   | 3,2 | 30 | 2/7/42 + 2/10/60             | 36 |
| 01040065 | 01060065 | 200 | 4,8 | 5,5   | 5,8   | 3,2 | 45 | 3/11/70 + 3/15/75            | 36 |
| 01040071 | 01060071 | 200 | 4,8 | 5,5   | 5,8   | 3,2 | 65 | 2/9/100 + 2/9/110            | 36 |
| 01040057 | 01060057 | 200 | 5   | 5,7   | 6,0   | 3,5 | 20 |                              | 36 |
| 01040059 | 01060059 | 200 | 5,5 | 6,2   | 6,5   | 4   | 20 |                              | 36 |
| 01040060 | 01060060 | 200 | 5,8 | 6,5   | 6,8   | 4   | 20 |                              | 36 |
| 01040066 | 01060066 | 200 | 5,8 | 6,5   | 6,8   | 4   | 45 | 3/11/70 + 3/15/75            | 36 |
| 01040058 | 01060058 | 200 | 6,2 | 6,9   | 7,2   | 4   | 20 |                              | 36 |
| 01040067 | 01060067 | 200 | 6,2 | 6,9   | 7,2   | 4   | 45 | 3/11/70 + 3/15/75            | 36 |
| 01040077 | 01060077 | 215 | 4,4 | 5,1   | 5,4   | 3,2 | 50 | 3/15/80                      | 24 |
| 01040079 | 01060079 | 215 | 4,4 | 5,1   | 5,4   | 3,2 | 50 | 3/15/80                      | 36 |
| 01040078 | 01060078 | 215 | 4,8 | 5,5   | 5,8   | 3,2 | 50 | 3/15/80                      | 36 |
| 01040082 | 01060082 | 220 | 5,5 | 6,2   | 6,5   | 4   | 20 |                              | 36 |
| 01040081 | 01060081 | 220 | 6,2 | 6,9   | 7,2   | 4   | 20 |                              | 36 |
| 01040092 | 01060092 | 250 | 4,4 | 5,1   | 5,4   | 3,2 | 50 | 3/15/80                      | 48 |
| 01040341 | 01060341 | 300 | 4,4 | 5,1   | 5,4   | 3,2 | 30 | 2/7/42 + 2/10/60             | 60 |
| 01040106 | 01060106 | 300 | 4,4 | 5,1   | 5,4   | 3,2 | 50 | 3/15/80                      | 48 |
| 01040108 | 01060108 | 300 | 4,4 | 5,1   | 5,4   | 3,2 | 65 | 2/9/100 + 2/9/110            | 48 |
| 01040337 | 01060337 | 300 | 4,4 | 5,1   | 5,4   | 3,2 | 65 | 2/9/100 + 2/9/110            | 72 |
| 01040107 | 01060107 | 300 | 4,8 | 5,5   | 5,8   | 3,2 | 50 | 3/15/80                      | 48 |

KON

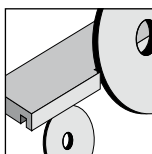
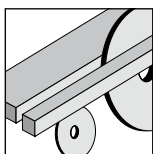


KON/WZ



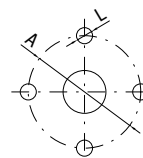
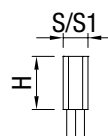
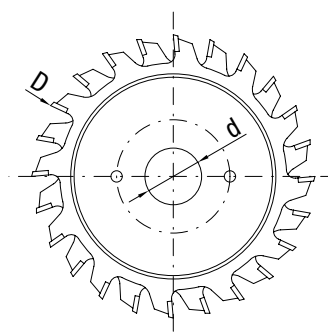
# LAME INCISORI REGISTRABILI

Adjustable Scorers



Impiegate nell'incisione a favore dell'avanzamento di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati. Utilizzabili su macchine sezionatrici orizzontali o verticali. La registrazione decimale dello spessore permette un perfetto abbinamento alla lama principale. Le differenti affilature permettono una buona finitura su tutti i materiali a fibra legnosa e non. Altre affilature disponibili su richiesta.  
Corpo con asole di silenziatura  
Geometria di taglio positiva  
Profondità di lavoro: 2/3 mm  
Da utilizzare a favore dell'avanzamento  
I fori di trascinamento permettono l'utilizzo sulle più comuni macchine in commercio  
Riserva affilatura:  
Altezza 6 mm 3,5 mm

Used to score "with flow feed" chip-board, MDF, HDF and plywood panels with or without veneer, melamine, paper or plastic coatings. Suitable for vertical or horizontal panel saws with scorer. Thickness fine indexing grants perfect coupling to main sawblade. Various tooth sharpening available to achieve excellent finish both on wooden or non wooden based materials. Special or custom engineered tooth shapes can be provided on request.  
Noise reducing slots  
Positive tooth rake angle  
With flow feed use  
Scoring depth: 2/3 mm  
Pinholes suitable for most common machines in the market  
Available PCD for re-sharpening  
H 6 mm 3,5 mm



## NLA

N = numero fori number of pin holes  
L = Ø foro pin holes diameter  
A = interasse C/C

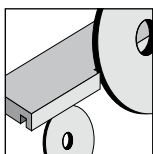
| CODE    | D   | S   | S1  | d  | NLA       | Z     |
|---------|-----|-----|-----|----|-----------|-------|
| 0203900 | 70  | 2,8 | 3,6 | 20 |           | 8+8   |
| 0203908 | 80  | 2,8 | 3,6 | 20 |           | 8+8   |
| 0203725 | 100 | 2,8 | 3,6 | 22 |           | 12+12 |
| 0203727 | 100 | 2,8 | 3,6 | 20 |           | 12+12 |
| 0203461 | 125 | 2,8 | 3,6 | 20 |           | 12+12 |
| 0203514 | 125 | 4   | 4,8 | 20 |           | 12+12 |
| 0203565 | 125 | 4   | 4,8 | 20 | 4/17/50+1 | 12+12 |
| 0203621 | 125 | 4   | 4,8 | 45 |           | 20+20 |
| 0203492 | 125 | 4,2 | 5   | 20 |           | 12+12 |
| 0203913 | 180 | 4   | 4,8 | 20 |           | 18+18 |
| 0203969 | 180 | 4,2 | 5   | 20 |           | 18+18 |
| 0203567 | 180 | 4,2 | 5   | 55 | 3/6/88    | 18+18 |
| 0203583 | 180 | 4,2 | 5   | 55 | 3/6/88    | 24+24 |
| 0203951 | 180 | 5   | 5,8 | 20 |           | 24+24 |
| 0203978 | 180 | 6   | 6,8 | 20 |           | 24+24 |
| 0203959 | 200 | 4   | 4,8 | 20 |           | 24+24 |
| 0203941 | 200 | 5,4 | 6,2 | 20 |           | 24+24 |
| 0203924 | 220 | 4   | 4,8 | 20 |           | 24+24 |
| 0203972 | 220 | 6   | 6,8 | 20 |           | 24+24 |
| 0203496 | 250 | 4,2 | 5   | 30 |           | 32+32 |
| 0203600 | 250 | 4,2 | 5   | 50 |           | 32+32 |
| 0203658 | 300 | 4,2 | 5   | 20 |           | 32+32 |
| 0203634 | 300 | 4,2 | 5   | 50 | 3/15/80   | 32+32 |
| 0203822 | 320 | 4,6 | 5,4 | 45 |           | 24+24 |

**FZ**



# LAME INCISORI PER SQUADRATRICE DOPPIA

Scorers for Double end Tenoner

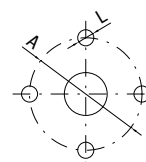
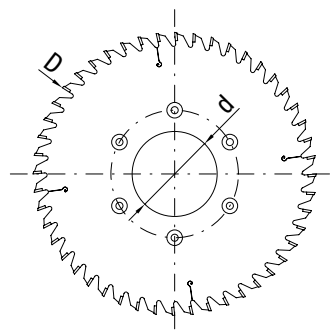


Impiegate nell'incisione a favore dell'avanzamento di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati. Utilizzabili su macchine squadratrici con motore fisso o a salita temporizzata. L'affilatura monolaterale permette una buona finitura su tutti i materiali a fibra legnosa e non. Montabili su mozzi meccanici tradizionali, con fissaggio a viti o su mozzi ad innesto rapido. Altre affilature disponibili su richiesta.

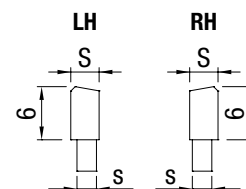
Geometria di taglio positiva  
Affilatura monolaterale con smusso  
Da utilizzare a favore dell'avanzamento  
Profondità di lavoro: 2/3 mm  
Riserva affilatura:  
Altezza 6 mm 3,5 mm

Used to score "with flow feed" chip-board, MDF, HDF and plywood panels with or without veneer, melamine, paper or plastic coatings. Suitable for double end tenoners with or without timed lift. Single sided sharpening delivers excellent finish both on wooden or non wooden based materials. Fits mechanical, screw type or quick coupling sleeves. Special or custom engineered tooth sharpening can be provided on request.

Positive tooth rake angle  
Single sided sharpening with bevel  
With flow feed use  
Scoring depth: 2/3 mm  
Available PCD for re-sharpening  
H 6 mm 3,5 mm

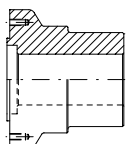


**NLA**  
N = numero fori number of pin holes  
L = Ø foro pin holes diameter  
A = interasse C/C

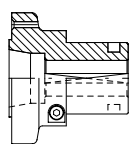


| CODE RH | CODE LH | D   | S   | s   | d  | NLA      | Z  |
|---------|---------|-----|-----|-----|----|----------|----|
| 0204000 | 0204001 | 150 | 3,2 | 2,2 | 55 |          | 32 |
| 0204002 | 0204003 | 150 | 3,2 | 2,2 | 55 |          | 36 |
| 0204004 | 0204005 | 150 | 3,2 | 2,2 | 55 |          | 48 |
| 0204006 | 0204007 | 150 | 3,2 | 2,2 | 60 |          | 32 |
| 0204008 | 0204009 | 150 | 3,2 | 2,2 | 60 |          | 36 |
| 0204010 | 0204011 | 150 | 3,2 | 2,2 | 60 |          | 48 |
| 0204012 | 0204013 | 180 | 3,2 | 2,2 | 30 |          | 36 |
| 0204014 | 0204015 | 180 | 3,2 | 2,2 | 30 |          | 48 |
| 0204016 | 0204017 | 180 | 3,2 | 2,2 | 50 | 3/22/80  | 24 |
| 0204018 | 0204019 | 180 | 3,2 | 2,2 | 50 | 3/22/80  | 36 |
| 0204020 | 0204021 | 180 | 3,2 | 2,2 | 50 | 3/22/80  | 48 |
| 0204022 | 0204023 | 180 | 3,2 | 2,2 | 65 | 6/6,5/90 | 36 |
| 0204024 | 0204025 | 180 | 3,2 | 2,2 | 65 | 6/6,5/90 | 48 |
| 0204026 | 0204027 | 200 | 3,2 | 2,2 | 30 |          | 36 |
| 0204028 | 0204029 | 200 | 3,2 | 2,2 | 30 |          | 48 |
| 0204030 | 0204031 | 200 | 3,2 | 2,2 | 30 |          | 64 |
| 0204032 | 0204033 | 200 | 3,2 | 2,2 | 50 | 3/22/80  | 36 |
| 0204034 | 0204035 | 200 | 3,2 | 2,2 | 50 | 3/22/80  | 48 |
| 0204036 | 0204037 | 200 | 3,2 | 2,2 | 50 | 3/22/80  | 54 |
| 0204038 | 0204039 | 200 | 3,2 | 2,2 | 65 | 6/6,5/90 | 36 |
| 0204040 | 0204041 | 200 | 3,2 | 2,2 | 65 | 6/6,5/90 | 48 |
| 0204042 | 0204043 | 200 | 3,2 | 2,2 | 65 | 6/6,5/90 | 64 |

**Mozzo meccanico - Mechanical sleeve** (page 121)

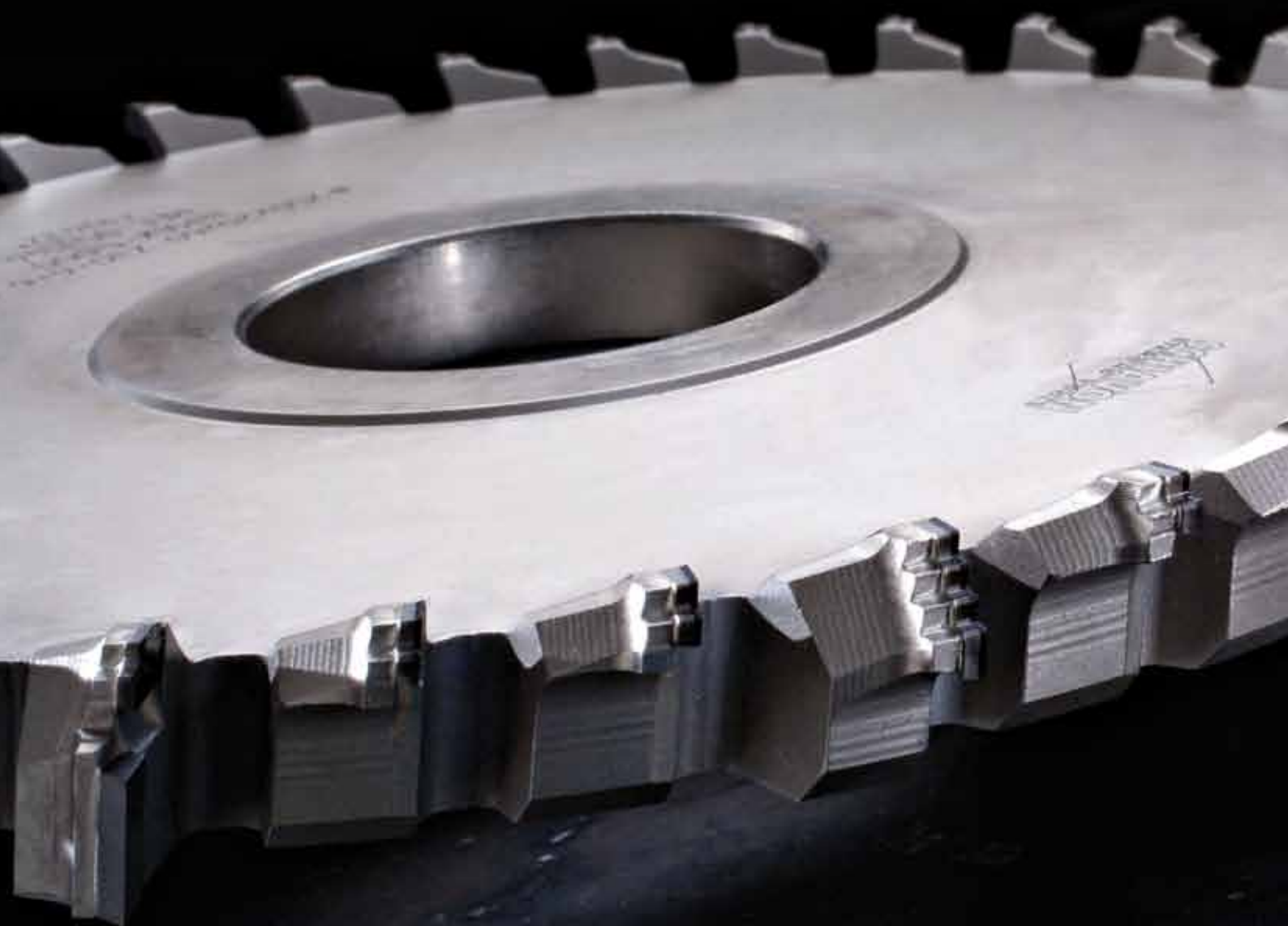


**Hydro-Grip EI** (page 121)



# TRUCIOLATORI

Hogging Units



## TRUCIOLATORI COMPATTI PER LATO LONGITUDINALE

Compact Hoggers - Longe Side Cut

Page

38



## TRUCIOLATORI COMPATTI PER LATO TRASVERSALE

Compact Hoggers - Gross Cut

40



## TRUCIOLATORI COMPATTI RAGGIATI

Compact Radius Hoggers

42



## TRUCIOLATORI COMPATTI TIPO D

Compact TYPE D Hoggers

44



## LAME PER TRUCIOLATORI

Sawblades for Hoggers

46



## TRUCIOLATORI A SETTORI COMPLETI DI LAME

Segmental Hoggers with Sawblades

48



# 2 TRUCIOLATORI Hogging Units

## PRESTAZIONI:

- OTTIMA
- BUONA
- ACCETTABILE

## PERFORMANCE:

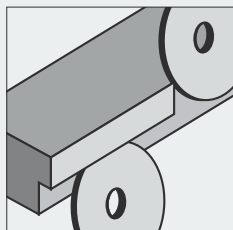
- BEST
- GOOD
- ACCEPTABLE

|                            |                          | LAME PER TRUCIOLATORI<br>SAWBLADES FOR HOGGER | TRUCIOLATORI A SETTORI COMPLETI DI LAMA<br>SEGMENTAL HOGGERS WITH SAWBLADE | TRUCIOLATORI COMPATTI PER LATO LONGITUDINALE<br>COMPACT HOGGERS - LONG SIDE CUT | TRUCIOLATORI COMPATTI PER LATO TRASVERSALE<br>COMPACT HOGGERS - CROSS CUT | TRUCIOLATORI COMPATTI RAGGIATI<br>COMPACT RADIUS HOGGERS | TRUCIOLATORI COMPATTI TIPO D<br>COMPACT TYPE D HOGGERS |
|----------------------------|--------------------------|-----------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| LEGNO MASSICCIO            | HARDWOOD                 | ••                                            | ••                                                                         | ••                                                                              | •                                                                         |                                                          | •••                                                    |
| LAMELLARE                  | GLUED LAMINATED TIMBER   | ••                                            | ••                                                                         | ••                                                                              | •                                                                         |                                                          | •••                                                    |
| TRUCIOLARE                 | CHIPBOARD                | ••                                            | ••                                                                         | •••                                                                             | •••                                                                       | ••                                                       | •••                                                    |
| TRUCIOLARE PLACCATO        | FACED CHIPBOARD          | ••                                            | ••                                                                         | •••                                                                             | •••                                                                       | ••                                                       | •••                                                    |
| TRUCIOLARE MELAMINICO      | MELAMINE FACED CHIPBOARD | ••                                            | ••                                                                         | •••                                                                             | •••                                                                       | ••                                                       | •••                                                    |
| TRUCIOLARE RIVESTITO CARTA | PAPER-COVERED CHIPBOARD  | ••                                            | ••                                                                         | •••                                                                             | •••                                                                       | •                                                        | •••                                                    |
| MDF GREZZO                 | RAW MDF                  | ••                                            | ••                                                                         | •••                                                                             | ••                                                                        | ••                                                       | •••                                                    |
| MDF PLACCATO               | FACED MDF                | ••                                            | ••                                                                         | •••                                                                             | ••                                                                        | ••                                                       | •••                                                    |
| MDF MELAMINICO             | MELAMINE FACED MDF       | ••                                            | ••                                                                         | •••                                                                             | ••                                                                        | ••                                                       | •••                                                    |
| MDF RIVESTITO CARTA        | PAPER-FACED MDF          | ••                                            | ••                                                                         | •••                                                                             | ••                                                                        | •                                                        | •••                                                    |
| MULTIPLEX                  | MultiPlex BOARD          | ••                                            | ••                                                                         | ••                                                                              | •                                                                         | •                                                        | •••                                                    |
| HPL, CPL, Trespa           | HPL, CPL, Trespa         | •                                             | •                                                                          | ••                                                                              | •                                                                         |                                                          | ••                                                     |
| OSB                        | OSB                      | ••                                            | ••                                                                         | ••                                                                              | •                                                                         |                                                          | •••                                                    |
| POLIURETANO RIGIDO         | HARD POLYURETHANE        | •                                             | •                                                                          | ••                                                                              | •                                                                         |                                                          | ••                                                     |
| PLASTOMERO                 | SOFT POLYURETHANE        | •                                             | •                                                                          | ••                                                                              | •                                                                         |                                                          | ••                                                     |
| P. BASE DI FIBRA DI VETRO  | FIBERGLASS BOARD         | •                                             | •                                                                          | ••                                                                              | •                                                                         |                                                          | ••                                                     |
| CORIAN, VARICOR            | CORIAN, VARICOR          | •                                             | •                                                                          | ••                                                                              | •                                                                         |                                                          | ••                                                     |
| PANNELLO CARTONGESSO       | PLASTERBOARD             | ••                                            | ••                                                                         | ••                                                                              | ••                                                                        | ••                                                       | ••                                                     |

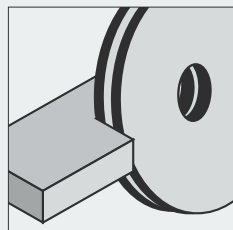


## LAVORAZIONE

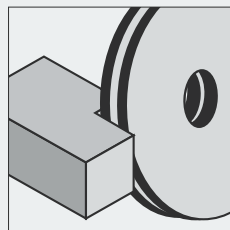
Application



Truciolare  
Chipping



Truciolare lato lungo  
Long side chipping

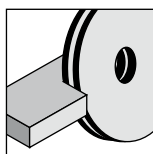
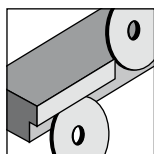
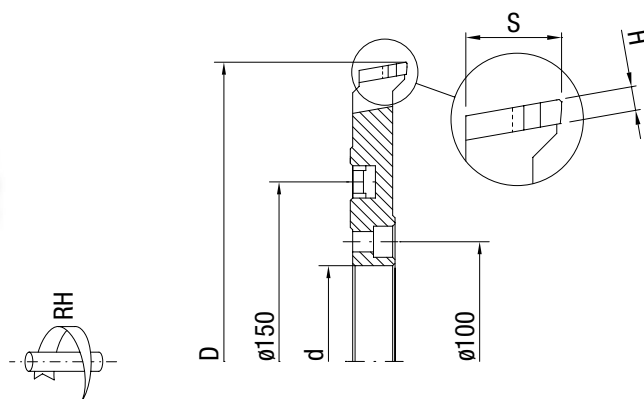


Truciolare lato trasversale  
Cross cut chipping

# TRUCIOLATORI COMPATTI

## PER LATO LONGITUDINALE

Compact Hogs - Long Side Cut



Impiegati nella squadratura di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati. Utilizzabili su macchine squadratrici con doppio truciolo inferiore/superiore. L'affilatura monolaterale permette una buona finitura su tutti i materiali a fibra legnosa e non. Utilizzabili su mozz meccanici o Hydro tipo EI o Innesto rapido tipo FixAir 160 / FixAir 161 / FixAir 192 grazie ai quali è possibile sostituirli in pochi secondi con notevole risparmio di tempo. Viene permesso un montaggio veloce e molto preciso soprattutto se utilizzato con FixAir 161

RPM MAX 7.200

Corpo rinforzato antivibrante e scarico aumentato.

Affilatura monolaterale con smusso e angolo assiale.

Fianco riaffilabile.

Lavorazione a favore dell'avanzamento.

Riserva affilatura:

Altezza 5 mm 2,5 mm

Altezza 6 mm 3,5 mm

Used for squaring multi-layer, chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings. Suitable for machines using top and bottom hogs.

Single sided sharpening delivers excellent finish both on wooden or non wooden based materials.

Fits: mechanical sleeves, Hydro sleeves type EI or quick coupling system type FixAir 160 / FixAir 161 / FixAir 192 allowing an extremely high time saving and tight tolerances changeover especially if used together with FixAir 161.

Max Rpm 7.200

Reinforced low-vibration body with generous dust flow.

Single sided sharpening with bevel and axial angle.

Resharpenable tooth side.

With flow feed use.

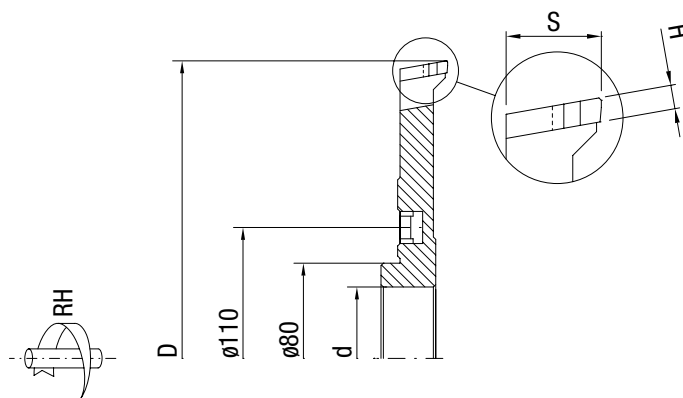
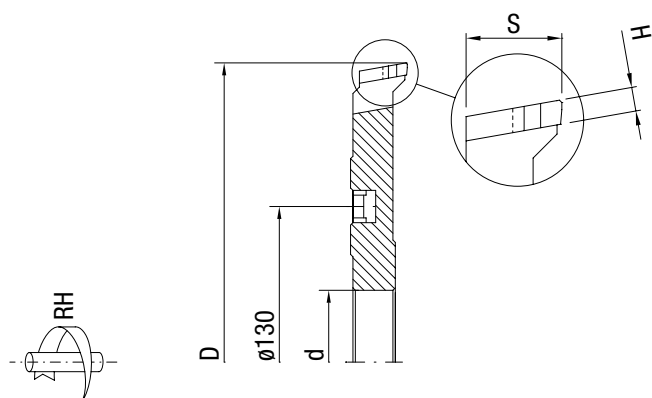
Available PCD for re-sharpening:

H 5 mm 2,5 mm

H 6 mm 3,5 mm

Mozzi meccanici o Hydro tipo EI e FixAir System 192  
Fix Air System 192, mechanical or Hydro sleeves type EI

| CODE RH | CODE LH | D   | S  | d  | Z      | H |
|---------|---------|-----|----|----|--------|---|
| 0502084 | 0502085 | 200 | 20 | 80 | 36+6+6 | 5 |
| 0502086 | 0502087 | 200 | 20 | 80 | 36+6+6 | 6 |
| 0502088 | 0502089 | 250 | 10 | 80 | 36+6   | 5 |
| 0502090 | 0502091 | 250 | 10 | 80 | 36+6   | 6 |
| 0502092 | 0502093 | 250 | 10 | 80 | 42+6   | 5 |
| 0502094 | 0502095 | 250 | 10 | 80 | 42+6   | 6 |
| 0502096 | 0502097 | 250 | 10 | 80 | 48+6   | 5 |
| 0502098 | 0502099 | 250 | 10 | 80 | 48+6   | 6 |
| 0502100 | 0502101 | 250 | 10 | 80 | 60+6   | 5 |
| 0502102 | 0502103 | 250 | 10 | 80 | 60+6   | 6 |
| 0502104 | 0502105 | 250 | 20 | 80 | 36+6+6 | 5 |
| 0502106 | 0502107 | 250 | 20 | 80 | 36+6+6 | 6 |
| 0502108 | 0502109 | 250 | 20 | 80 | 42+6+6 | 5 |
| 0502110 | 0502111 | 250 | 20 | 80 | 42+6+6 | 6 |
| 0502112 | 0502113 | 250 | 20 | 80 | 48+6+6 | 5 |
| 0502114 | 0502115 | 250 | 20 | 80 | 48+6+6 | 6 |
| 0502116 | 0502117 | 250 | 20 | 80 | 60+6+6 | 5 |
| 0502118 | 0502119 | 250 | 20 | 80 | 60+6+6 | 6 |



## FixAir System 160

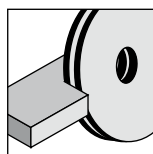
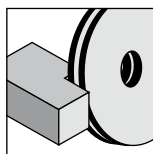
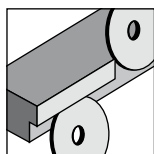
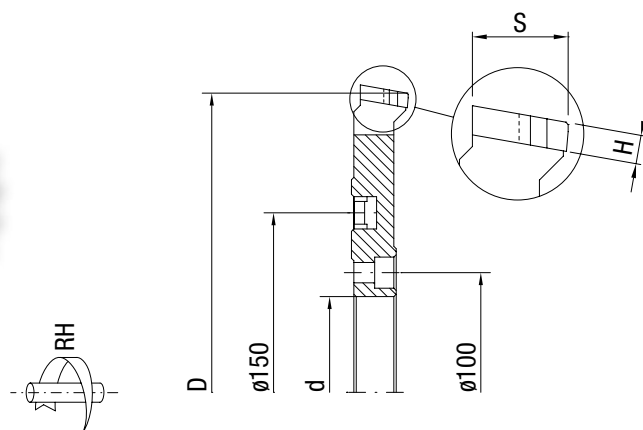
| CODE RH | CODE LH | D   | S  | d  | Z      | H |
|---------|---------|-----|----|----|--------|---|
| 0502020 | 0502021 | 250 | 10 | 60 | 36+6   | 5 |
| 0502022 | 0502023 | 250 | 10 | 60 | 36+6   | 6 |
| 0502024 | 0502025 | 250 | 10 | 60 | 42+6   | 5 |
| 0502026 | 0502027 | 250 | 10 | 60 | 42+6   | 6 |
| 0502028 | 0502029 | 250 | 10 | 60 | 48+6   | 5 |
| 0502030 | 0502031 | 250 | 10 | 60 | 48+6   | 6 |
| 0502032 | 0502033 | 250 | 10 | 60 | 60+6   | 5 |
| 0502034 | 0502035 | 250 | 10 | 60 | 60+6   | 6 |
| 0502036 | 0502037 | 250 | 20 | 60 | 36+6+6 | 5 |
| 0502038 | 0502039 | 250 | 20 | 60 | 36+6+6 | 6 |
| 0502040 | 0502041 | 250 | 20 | 60 | 42+6+6 | 5 |
| 0502042 | 0502043 | 250 | 20 | 60 | 42+6+6 | 6 |
| 0502044 | 0502045 | 250 | 20 | 60 | 48+6+6 | 5 |
| 0502046 | 0502047 | 250 | 20 | 60 | 48+6+6 | 6 |
| 0502048 | 0502049 | 250 | 20 | 60 | 60+6+6 | 5 |
| 0502050 | 0502051 | 250 | 20 | 60 | 60+6+6 | 6 |

## FixAir System 161

| CODE RH | CODE LH | D   | S  | d  | Z      | H |
|---------|---------|-----|----|----|--------|---|
| 0502052 | 0502053 | 250 | 10 | 60 | 36+6   | 5 |
| 0502054 | 0502055 | 250 | 10 | 60 | 36+6   | 6 |
| 0502056 | 0502057 | 250 | 10 | 60 | 42+6   | 5 |
| 0502058 | 0502059 | 250 | 10 | 60 | 42+6   | 6 |
| 0502060 | 0502061 | 250 | 10 | 60 | 48+6   | 5 |
| 0502062 | 0502063 | 250 | 10 | 60 | 48+6   | 6 |
| 0502064 | 0502065 | 250 | 10 | 60 | 60+6   | 5 |
| 0502066 | 0502067 | 250 | 20 | 60 | 60+6   | 6 |
| 0502068 | 0502069 | 250 | 20 | 60 | 36+6+6 | 5 |
| 0502070 | 0502071 | 250 | 20 | 60 | 36+6+6 | 6 |
| 0502072 | 0502073 | 250 | 20 | 60 | 42+6+6 | 5 |
| 0502074 | 0502075 | 250 | 20 | 60 | 42+6+6 | 6 |
| 0502076 | 0502077 | 250 | 20 | 60 | 48+6+6 | 5 |
| 0502078 | 0502079 | 250 | 20 | 60 | 48+6+6 | 6 |
| 0502080 | 0502081 | 250 | 20 | 60 | 60+6+6 | 5 |
| 0502082 | 0502083 | 250 | 20 | 60 | 60+6+6 | 6 |

# TRUCIOLATORI COMPATTI PER LATO TRASVERSALE

Compact Hoggers - Cross Cut



Impiegati nella squadratura di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati. Utilizzabili su macchine squadratrici con doppio truciolo inferiore/superiore. L'affilatura a scalare ne permette una buona finitura su tutti i materiali a fibra legnosa soprattutto nella lavorazione del lato trasverso. Montabili su mozzi meccanici o Hydro tipo EI o Innesto rapido tipo FixAir 160 / FixAir 161 / FixAir 192 grazie ai quali è possibile sostituirli in pochi secondi con notevole risparmio di tempo. Viene permesso un montaggio veloce e molto preciso soprattutto se utilizzati con FixAir 161

Rpm Max 7.200

Corpo rinforzato antivibrante e scarico aumentato.

Affilatura inclinata a scalare con smusso e angolo assiale.

Fianco riaffilabile.

Lavorazione a favore dell'avanzamento.

Riserva affilatura:

Altezza 5 mm 2,5 mm

Altezza 6 mm 3,5 mm

Used for squaring multi-layer, chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings. Suitable for machines using top and bottom hoggers.

Shear cut delivers excellent finish on wooden based materials especially on cross cut.

Fits: mechanical sleeves, Hydro sleeves type EI or quick coupling system type FixAir 160 / FixAir 161 / FixAir 192 allowing an extremely high time saving and tight tolerances changeover especially if used together with FixAir 161.

Max Rpm 7.200

Reinforced low-vibration body with generous dust flow.

Shear cut sharpening with bevel and axial angle.

Resharpemable tooth side.

With flow feed use.

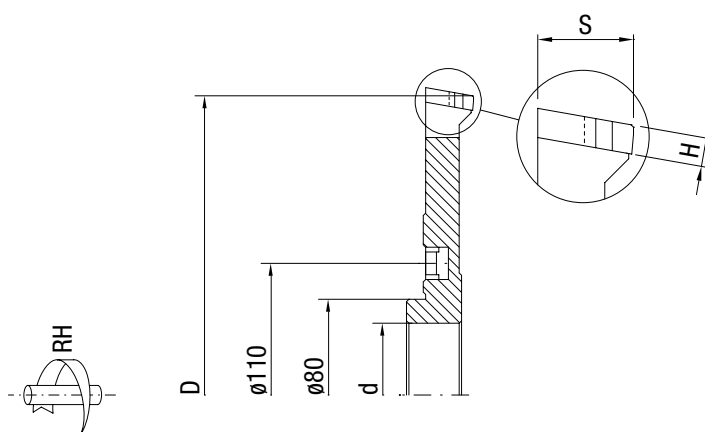
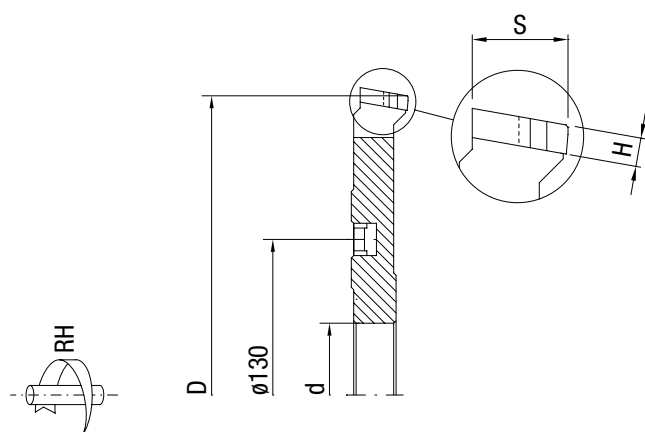
Available PCD for re-sharpening:

H 5 mm 2,5 mm

H 6 mm 3,5 mm

Mozzi meccanici o Hydro tipo EI e FixAir System 192  
Fix Air System 192, mechanical or Hydro sleeves type EI

| CODE RH | CODE LH | D   | S  | d | Z      | H |
|---------|---------|-----|----|---|--------|---|
| 0503100 | 0503101 | 250 | 10 |   | 36+6+6 | 5 |
| 0503102 | 0503103 | 250 | 10 |   | 36+6+6 | 6 |
| 0503104 | 0503105 | 250 | 10 |   | 30+6   | 5 |
| 0503106 | 0503107 | 250 | 10 |   | 30+6   | 6 |
| 0503108 | 0503109 | 250 | 10 |   | 36+6   | 5 |
| 0503110 | 0503111 | 250 | 10 |   | 36+6   | 6 |
| 0503112 | 0503113 | 250 | 10 |   | 42+6   | 5 |
| 0503114 | 0503115 | 250 | 10 |   | 42+6   | 6 |
| 0503116 | 0503117 | 250 | 10 |   | 48+6   | 5 |
| 0503118 | 0503119 | 250 | 10 |   | 48+6   | 6 |
| 0503120 | 0503121 | 250 | 10 |   | 60+6   | 5 |
| 0503122 | 0503123 | 250 | 10 |   | 60+6   | 6 |
| 0503124 | 0503125 | 250 | 20 |   | 30+6+6 | 5 |
| 0503126 | 0503127 | 250 | 20 |   | 30+6+6 | 6 |
| 0503128 | 0503129 | 250 | 20 |   | 36+6+6 | 5 |
| 0503130 | 0503131 | 250 | 20 |   | 36+6+6 | 6 |
| 0503132 | 0503133 | 250 | 20 |   | 42+6+6 | 5 |
| 0503134 | 0503135 | 250 | 20 |   | 42+6+6 | 6 |
| 0503136 | 0503137 | 250 | 20 |   | 48+6+6 | 5 |
| 0503138 | 0503139 | 250 | 20 |   | 48+6+6 | 6 |
| 0503140 | 0503141 | 250 | 20 |   | 60+6+6 | 5 |
| 0503142 | 0503143 | 250 | 20 |   | 60+6+6 | 6 |



## FixAir System 160

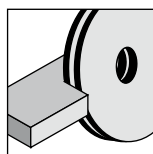
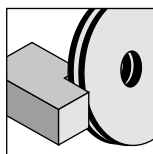
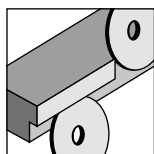
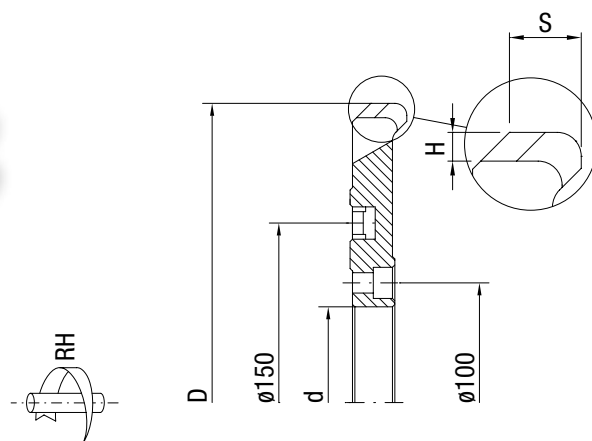
| CODE RH | CODE LH | D   | S | d  | Z      | H |
|---------|---------|-----|---|----|--------|---|
| 0503020 | 0503021 | 250 |   | 60 | 30+6   | 5 |
| 0503022 | 0503023 | 250 |   | 60 | 30+6   | 6 |
| 0503024 | 0503025 | 250 |   | 60 | 36+6   | 5 |
| 0503026 | 0503027 | 250 |   | 60 | 36+6   | 6 |
| 0503028 | 0503029 | 250 |   | 60 | 42+6   | 5 |
| 0503030 | 0503031 | 250 |   | 60 | 42+6   | 6 |
| 0503032 | 0503033 | 250 |   | 60 | 48+6   | 5 |
| 0503034 | 0503035 | 250 |   | 60 | 48+6   | 6 |
| 0503036 | 0503037 | 250 |   | 60 | 60+6   | 5 |
| 0503038 | 0503039 | 250 |   | 60 | 60+6   | 6 |
| 0503040 | 0503041 | 250 |   | 60 | 30+6+6 | 5 |
| 0503042 | 0503043 | 250 |   | 60 | 30+6+6 | 6 |
| 0503044 | 0503045 | 250 |   | 60 | 36+6+6 | 5 |
| 0503046 | 0503047 | 250 |   | 60 | 36+6+6 | 6 |
| 0503048 | 0503049 | 250 |   | 60 | 42+6+6 | 5 |
| 0503050 | 0503051 | 250 |   | 60 | 42+6+6 | 6 |
| 0503052 | 0503053 | 250 |   | 60 | 48+6+6 | 5 |
| 0503054 | 0503055 | 250 |   | 60 | 48+6+6 | 6 |
| 0503056 | 0503057 | 250 |   | 60 | 60+6+6 | 5 |
| 0503058 | 0503059 | 250 |   | 60 | 60+6+6 | 6 |

## FixAir System 161

| CODE RH | CODE LH | D   | S | d  | Z      | H |
|---------|---------|-----|---|----|--------|---|
| 0503060 | 0503061 | 250 |   | 60 | 30+6   | 5 |
| 0503062 | 0503063 | 250 |   | 60 | 30+6   | 6 |
| 0503064 | 0503065 | 250 |   | 60 | 36+6   | 5 |
| 0503066 | 0503067 | 250 |   | 60 | 36+6   | 6 |
| 0503068 | 0503069 | 250 |   | 60 | 42+6   | 5 |
| 0503070 | 0503071 | 250 |   | 60 | 42+6   | 6 |
| 0503072 | 0503073 | 250 |   | 60 | 48+6   | 5 |
| 0503074 | 0503075 | 250 |   | 60 | 48+6   | 6 |
| 0503076 | 0503077 | 250 |   | 60 | 60+6   | 5 |
| 0503078 | 0503079 | 250 |   | 60 | 60+6   | 6 |
| 0503080 | 0503081 | 250 |   | 60 | 30+6+6 | 5 |
| 0503082 | 0503083 | 250 |   | 60 | 30+6+6 | 6 |
| 0503084 | 0503085 | 250 |   | 60 | 36+6+6 | 5 |
| 0503086 | 0503087 | 250 |   | 60 | 36+6+6 | 6 |
| 0503088 | 0503089 | 250 |   | 60 | 42+6+6 | 5 |
| 0503090 | 0503091 | 250 |   | 60 | 42+6+6 | 6 |
| 0503092 | 0503093 | 250 |   | 60 | 48+6+6 | 5 |
| 0503094 | 0503095 | 250 |   | 60 | 48+6+6 | 6 |
| 0503096 | 0503097 | 250 |   | 60 | 60+6+6 | 5 |
| 0503098 | 0503099 | 250 |   | 60 | 60+6+6 | 6 |

# TRUCIOLATORI COMPATTI RAGGIATI

## Compact Radius Hogs



Impiegati nella squadratura di pannelli in truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici con doppio truciolo superiore/inferiore. L'affilatura raggiata permette una buona finitura su materiali a fibra legnosa rivestiti in laminato o melaminico. Utilizzabili su mozzini meccanici o Hydro tipo EI o su Inneso rapido tipo FixAir 160 / FixAir 161 / FixAir 192 grazie ai quali è possibile sostituirli in pochi secondi non notevole risparmio di tempo. Viene permesso un montaggio veloce e molto preciso soprattutto se utilizzato con FixAir 161 RPM MAX 7.200.

Geometria di taglio negativa.

Corpo rinforzato antivibrante e scarico aumentato.

Affilatura raggiata R.5.

Fianco riaffilabile.

Lavorazione a favore dell'avanzamento.

Riserva affilatura:

Altezza 6 mm 3,5 mm

Used for squaring chipboard, MDF, HDF and with or without veneer, paper or plastic coatings.

Suitable for machines using top and bottom hoggers.

Radius sharpening delivers excellent finish on wooden based materials with veneer or melamine.

Fits: mechanical sleeves, Hydro sleeves type EI or quick coupling system type FixAir 160 / FixAir 161 / FixAir 192 allowing an extremely high time saving and tight tolerances changeover especially if used together with FixAir 161.

Max Rpm 7.200

Negative tooth rake angle.

Reinforced low-vibration body with generous dust flow.

R.5 radius sharpening.

Resharpenable tooth side.

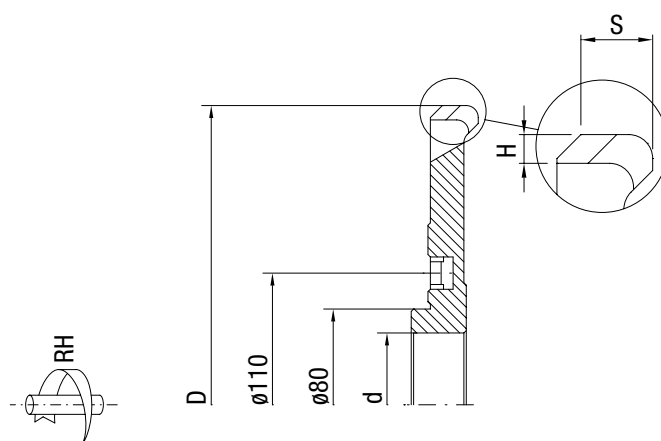
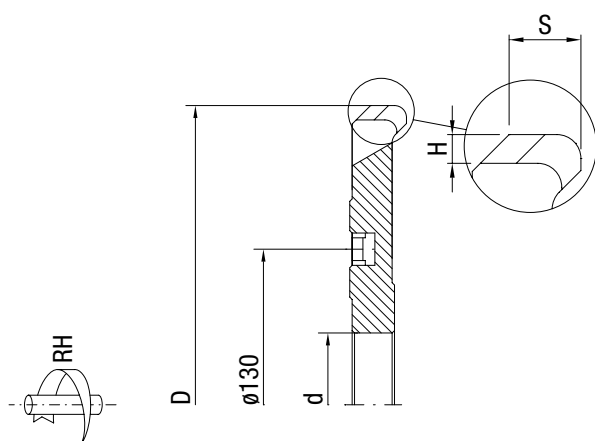
With flow feed use.

Available PCD for re-sharpening:

H 6 mm 3,5 mm

Mozzi meccanici o Hydro tipo EI e FixAir System 192  
Fix Air System 192, mechanical or Hydro sleeves type EI

| CODE RH | CODE LH | D   | S  | d | Z    | H |
|---------|---------|-----|----|---|------|---|
| 0504038 | 0504039 | 220 | 12 |   | 24+4 | 6 |
| 0504040 | 0504041 | 220 | 12 |   | 28+4 | 6 |
| 0504042 | 0504043 | 220 | 12 |   | 36+6 | 6 |
| 0504044 | 0504045 | 250 | 12 |   | 24+4 | 6 |
| 0504046 | 0504047 | 250 | 12 |   | 28+4 | 6 |
| 0504048 | 0504049 | 250 | 12 |   | 30+6 | 6 |
| 0504050 | 0504051 | 250 | 12 |   | 36+6 | 6 |
| 0504052 | 0504053 | 250 | 15 |   | 42+6 | 6 |
| 0504054 | 0504055 | 250 | 15 |   | 48+6 | 6 |



## FixAir System 160

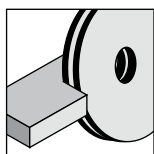
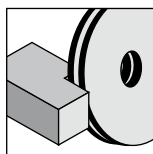
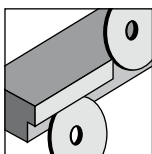
| CODE RH | CODE LH | D   | S  | d  | Z    | H |
|---------|---------|-----|----|----|------|---|
| 0504056 | 0504057 | 220 | 12 | 60 | 24+4 | 6 |
| 0504058 | 0504059 | 220 | 12 | 60 | 28+4 | 6 |
| 0504060 | 0504061 | 220 | 12 | 60 | 36+6 | 6 |
| 0504062 | 0504063 | 250 | 12 | 60 | 24+4 | 6 |
| 0504064 | 0504065 | 250 | 12 | 60 | 28+4 | 6 |
| 0504066 | 0504067 | 250 | 12 | 60 | 30+6 | 6 |
| 0504068 | 0504069 | 250 | 12 | 60 | 36+6 | 6 |
| 0504070 | 0504071 | 250 | 15 | 60 | 42+6 | 6 |
| 0504072 | 0504073 | 250 | 15 | 60 | 48+6 | 6 |

## FixAir System 161

| CODE RH | CODE LH | D   | S  | d  | Z    | H |
|---------|---------|-----|----|----|------|---|
| 0504020 | 0504021 | 220 | 12 | 60 | 24+4 | 6 |
| 0504022 | 0504023 | 220 | 12 | 60 | 28+4 | 6 |
| 0504024 | 0504025 | 220 | 12 | 60 | 36+6 | 6 |
| 0504026 | 0504027 | 250 | 12 | 60 | 24+4 | 6 |
| 0504028 | 0504029 | 250 | 12 | 60 | 28+4 | 6 |
| 0504030 | 0504031 | 250 | 12 | 60 | 30+6 | 6 |
| 0504032 | 0504033 | 250 | 12 | 60 | 36+6 | 6 |
| 0504034 | 0504035 | 250 | 15 | 60 | 42+6 | 6 |
| 0504036 | 0504037 | 250 | 15 | 60 | 48+6 | 6 |

# TRUCIOLATORI COMPATTI TIPO D

Compact TYPE D Hoggers - Long Side cut and cross cut



Impiegati nella squadratura di pannelli in truciolare, MDF, rivestiti e non laminati plastici. Utilizzabili su macchine squadratrici con doppio truciolo superiore inferiore. La particolare affilatura permette un'eccellente finitura su materiali rivestiti in laminato o melaminico. Utilizzo sia per lato longitudinale, sia per lato trasversale. Possono essere installati su mozzi meccanici o Hydro tipo EI o su innesto rapido tipo FixAir 160/ FixAir 161/ FixAir 192, grazie ai quali è possibile sostituirli in pochi secondi con notevole risparmio di tempo. Viene permesso un montaggio veloce e molto preciso, soprattutto se utilizzato con FixAir 161.

Rpm Max 7.200

Geometria di taglio negativa.

Corpo rinforzato antivibrante.

Affilatura a taglio frazionato.

Fianco riaffilabile.

Lavorazione a favore dell'avanzamento.

Riserva affilatura:

Altezza 6 mm 3,5 mm

Used for squaring multi-layer, chip-board, MDF, panels with or without veneers and plastic laminates.

Suitable for machines using top and bottom hoggers.

The particular sharpening allows excellent finish on laminate and melamine faced materials.

Used both for long side and cross cut.

Fits: mechanical sleeves, Hydro sleeves Type EI or quick coupling system type FixAir 160/ FixAir 161/ FixAir 192.

This fitting allows quick changeovers and time saving, especially if used together with FixAir 161.

Max Rpm 7.200

Negative cut geometry.

Reinforced low-vibration.

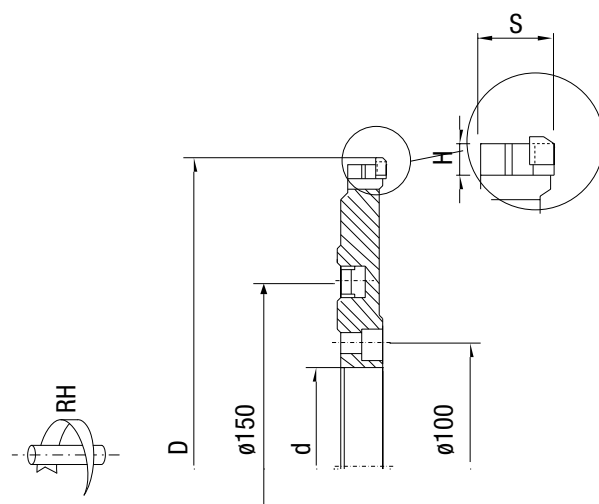
Split-cut re-sharpening.

Re-sharpable tooth side.

Flow feed use

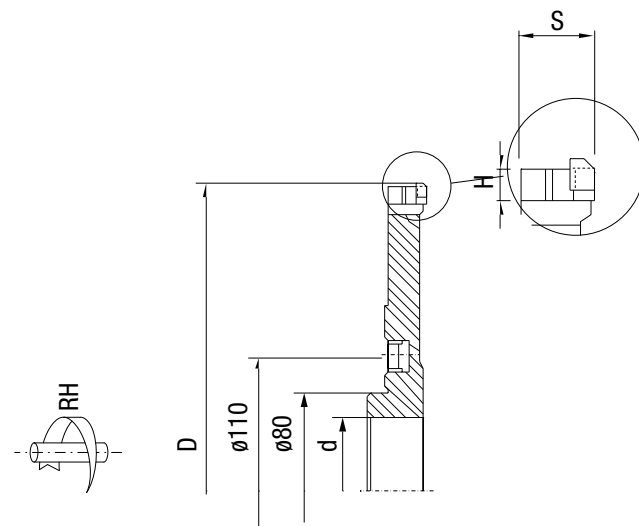
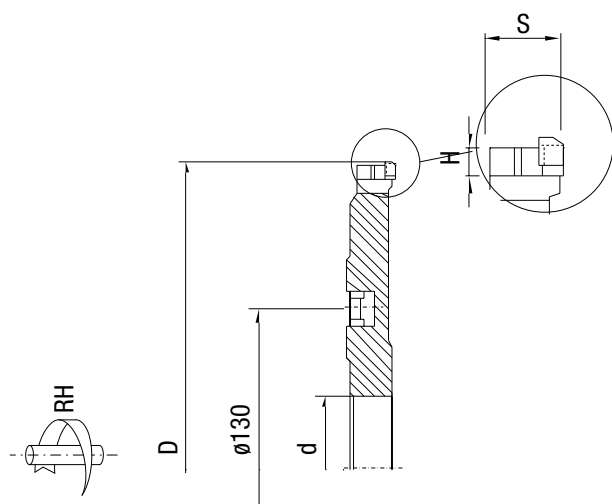
PCD available for re-sharpening:

H 6 mm 3,5 mm



Mozzi meccanici o Hydro tipo EI e FixAir System 192  
Fix Air System 192, mechanical or Hydro sleeves type EI

| CODE RH | CODE LH | D   | S  | d  | Z           | H |
|---------|---------|-----|----|----|-------------|---|
| 0506010 | 0506011 | 220 | 15 | 80 | 18+18+6+6   | 6 |
| 0506014 | 0506015 | 250 | 15 | 80 | 24+24+6+6   | 6 |
| 0506018 | 0506019 | 250 | 25 | 80 | 24+24+12+12 | 6 |
| 0506022 | 0506023 | 250 | 15 | 80 | 28+28+6+6   | 6 |



### FixAir System 160

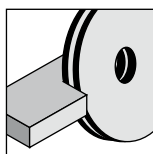
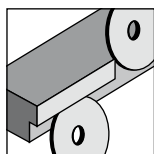
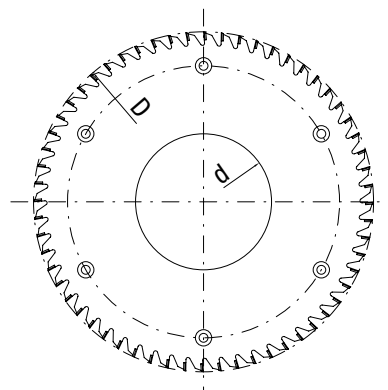
| CODE RH | CODE LH | D   | S  | d  | Z           | H |
|---------|---------|-----|----|----|-------------|---|
| 0506030 | 0506031 | 220 | 15 | 60 | 18+18+6+6   | 6 |
| 0506034 | 0506035 | 250 | 15 | 60 | 24+24+6+6   | 6 |
| 0506038 | 0506039 | 250 | 25 | 60 | 24+24+12+12 | 6 |
| 0506042 | 0506043 | 250 | 15 | 60 | 28+28+6+6   | 6 |

### FixAir System 161

| CODE RH | CODE LH | D   | S  | d  | Z           | H |
|---------|---------|-----|----|----|-------------|---|
| 0506060 | 0506061 | 220 | 15 | 60 | 18+18+6+6   | 6 |
| 0506064 | 0506065 | 250 | 15 | 60 | 24+24+6+6   | 6 |
| 0506068 | 0506069 | 250 | 25 | 60 | 24+24+12+12 | 6 |
| 0506072 | 0506073 | 250 | 15 | 60 | 28+28+6+6   | 6 |

# LAME PER TRUCIOLATORI

## Sawblades for Hogs



Impiegati nella squadratura di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati, tamburati. Utilizzabili su macchine squadratrici. L'affilatura monolaterale permette una buona finitura su tutti i materiali a fibra legnosa e non.

Adatte ai principali truciolatori in commercio.

Geometria di taglio positiva.

Affilatura monolaterale con smusso.

Lavorazione a favore dell'avanzamento se Doppio truciolatore o contro avanzamento se Truciolatore con Incisore.

Riserva affilatura:

Altezza 4 mm 1,5 mm

Altezza 5 mm 2,5 mm

Altezza 6 mm 3,5 mm

Used for squaring chipboard, MDF, HDF and plywood panels with or without veneer, melamine, paper or plastic coatings. Suitable for double end tenoners. Single sided sharpening delivers excellent finish both on wooden or non wooden based materials.

Fits most common hoggers available on the market.

Positive tooth rake angle.

Single sided sharpening with bevel.

"With flow feed" use if double hogger, or against flow feed if hogger with scorer.

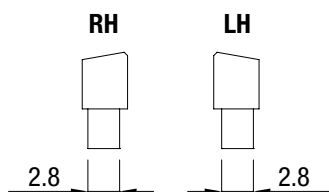
Available PCD for re-sharpening:

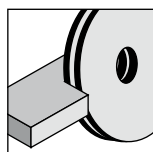
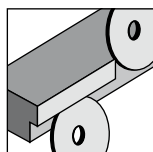
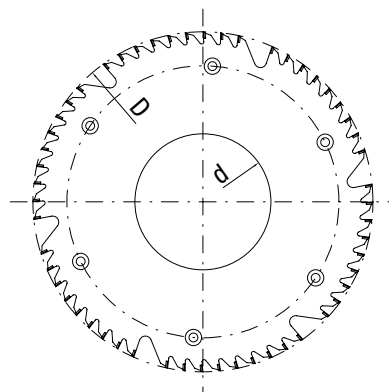
H 4 mm 1,5 mm

H 5 mm 2,5 mm

H 6 mm 3,5 mm

| CODE RH | CODE LH | D   | S   | d   | Z  | H | NLA       |
|---------|---------|-----|-----|-----|----|---|-----------|
| 0500020 | 0500021 | 255 | 4,2 | 80  | 36 | 4 | 6/6,5/170 |
| 0500022 | 0500023 | 255 | 4,2 | 80  | 36 | 5 | 6/6,5/170 |
| 0500024 | 0500025 | 255 | 4,2 | 80  | 36 | 6 | 6/6,5/170 |
| 0500026 | 0500027 | 255 | 4,2 | 80  | 48 | 4 | 6/6,5/170 |
| 0500028 | 0500029 | 255 | 4,2 | 80  | 48 | 5 | 6/6,5/170 |
| 0500030 | 0500031 | 255 | 4,2 | 80  | 48 | 6 | 6/6,5/170 |
| 0500032 | 0500033 | 255 | 4,2 | 80  | 60 | 4 | 6/6,5/170 |
| 0500034 | 0500035 | 255 | 4,2 | 80  | 60 | 5 | 6/6,5/170 |
| 0500036 | 0500037 | 255 | 4,2 | 80  | 60 | 6 | 6/6,5/170 |
| 0500038 | 0500039 | 255 | 4,2 | 80  | 72 | 6 | 6/6,5/170 |
| 0500040 | 0500041 | 255 | 4,2 | 100 | 36 | 4 | 6/6,5/170 |
| 0500042 | 0500043 | 255 | 4,2 | 100 | 36 | 5 | 6/6,5/170 |
| 0500044 | 0500045 | 255 | 4,2 | 100 | 36 | 6 | 6/6,5/170 |
| 0500046 | 0500047 | 255 | 4,2 | 100 | 48 | 4 | 6/6,5/170 |
| 0500048 | 0500049 | 255 | 4,2 | 100 | 48 | 5 | 6/6,5/170 |
| 0500050 | 0500051 | 255 | 4,2 | 100 | 48 | 6 | 6/6,5/170 |
| 0500052 | 0500053 | 255 | 4,2 | 100 | 60 | 4 | 6/6,5/170 |
| 0500054 | 0500055 | 255 | 4,2 | 100 | 60 | 5 | 6/6,5/170 |
| 0500056 | 0500057 | 255 | 4,2 | 100 | 60 | 6 | 6/6,5/170 |
| 0500058 | 0500059 | 255 | 4,2 | 100 | 72 | 6 | 6/6,5/170 |





Impiegati nella squadratura di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati, tamburati. Utilizzabili su macchine squadratrici. L'affilatura monolaterale permette una buona finitura su tutti i materiali a fibra legnosa e non.

Adatte ai principali truciolatori in commercio.

Geometria di taglio positiva.

Affilatura monolaterale con smusso.

Lavorazione a favore dell'avanzamento se Doppio truciolatore o contro avanzamento se Truciolatore con Incisore.

Riserva affilatura:

Altezza 4 mm 1,5 mm

Altezza 5 mm 2,5 mm

Altezza 6 mm 3,5 mm

Used for squaring chipboard, MDF, HDF and plywood panels with or without veneer, melamine, paper or plastic coatings. Suitable for double end tenoners. Single sided sharpening delivers excellent finish both on wooden or non wooden based materials.

Fits most common hoggers available on the market.

Positive tooth rake angle.

Single sided sharpening with bevel.

"With flow feed" use if double hogger, or against flow feed if hogger with scorer.

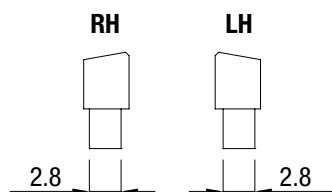
Available PCD for re-sharpening:

H 4 mm 1,5 mm

H 5 mm 2,5 mm

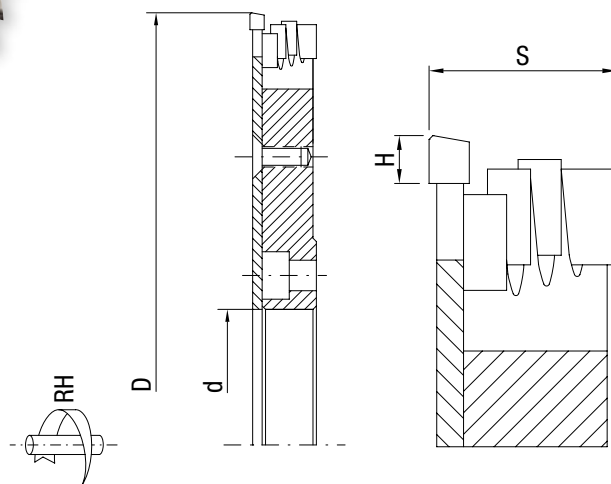
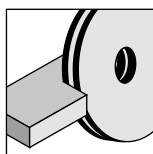
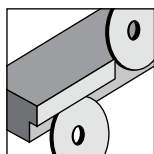
H 6 mm 3,5 mm

| CODE RH | CODE LH | D   | S   | d   | Z  | H | NLA       |
|---------|---------|-----|-----|-----|----|---|-----------|
| 0500120 | 0500121 | 255 | 4,2 | 80  | 36 | 4 | 6/5,5/200 |
| 0500122 | 0500123 | 255 | 4,2 | 80  | 36 | 5 | 6/5,5/200 |
| 0500124 | 0500125 | 255 | 4,2 | 80  | 36 | 6 | 6/5,5/200 |
| 0500126 | 0500127 | 255 | 4,2 | 80  | 48 | 4 | 6/5,5/200 |
| 0500128 | 0500129 | 255 | 4,2 | 80  | 48 | 5 | 6/5,5/200 |
| 0500130 | 0500131 | 255 | 4,2 | 80  | 48 | 6 | 6/5,5/200 |
| 0500132 | 0500133 | 255 | 4,2 | 80  | 54 | 4 | 6/5,5/200 |
| 0500134 | 0500135 | 255 | 4,2 | 80  | 54 | 5 | 6/5,5/200 |
| 0500136 | 0500137 | 255 | 4,2 | 80  | 54 | 6 | 6/5,5/200 |
| 0500138 | 0500139 | 255 | 4,2 | 100 | 36 | 4 | 6/5,5/200 |
| 0500140 | 0500141 | 255 | 4,2 | 100 | 36 | 5 | 6/5,5/200 |
| 0500142 | 0500143 | 255 | 4,2 | 100 | 36 | 6 | 6/5,5/200 |
| 0500144 | 0500145 | 255 | 4,2 | 100 | 48 | 4 | 6/5,5/200 |
| 0500146 | 0500147 | 255 | 4,2 | 100 | 48 | 5 | 6/5,5/200 |
| 0500148 | 0500149 | 255 | 4,2 | 100 | 48 | 6 | 6/5,5/200 |
| 0500150 | 0500151 | 255 | 4,2 | 100 | 54 | 4 | 6/5,5/200 |
| 0500152 | 0500153 | 255 | 4,2 | 100 | 54 | 5 | 6/5,5/200 |
| 0500154 | 0500155 | 255 | 4,2 | 100 | 54 | 6 | 6/5,5/200 |



# TRUCIOLATORI A SETTORI COMPLETI DI LAMA

## Segmental Hoggers with Sawblades



Impiegati nella squadratura di pannelli in truciolare, MDF, rivestiti e non, laminati plastici, multistrati, tamburati. Utilizzabili su macchine squadratrici. L'affilatura monolaterale permette una buona finitura su tutti i materiale a fibra legnosa e non.

Settori del truciolo con primo tagliante in PCD.

Geometria di taglio positiva.

Affilatura monolaterale con smusso.

Lavorazione a favore dell'avanzamento se Doppio truciolo o contro avanzamento se Truciolo con Incisore.

Riserva affilatura:

Altezza 4 mm 1,5 mm

Altezza 5 mm 2,5 mm

Altezza 6 mm 3,5 mm

Used for squaring multi-layer, sandwich, chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings. Single sided sharpening delivers excellent finish both on wooden or non wooden based materials.

Hogger segments with first tooth in PCD.

Positive tooth rake angle.

Single sided sharpening with bevel.

With flow feed use if double hogger, or against flow feed if hogger with scorer.

Available PCD for re-sharpening:

H 4 mm 1,5 mm

H 5 mm 2,5 mm

H 6 mm 3,5 mm

| CODE RH | CODE LH | D   | S  | d  | Z    | H |
|---------|---------|-----|----|----|------|---|
| 0501020 | 0501021 | 255 | 30 | 80 | 36+4 | 4 |
| 0501022 | 0501023 | 255 | 30 | 80 | 36+4 | 5 |
| 0501024 | 0501025 | 255 | 30 | 80 | 36+4 | 6 |
| 0501026 | 0501027 | 255 | 30 | 80 | 48+4 | 4 |
| 0501028 | 0501029 | 255 | 30 | 80 | 48+4 | 5 |
| 0501030 | 0501031 | 255 | 30 | 80 | 48+4 | 6 |
| 0501032 | 0501033 | 255 | 30 | 80 | 56+4 | 4 |
| 0501034 | 0501035 | 255 | 30 | 80 | 56+4 | 5 |
| 0501036 | 0501037 | 255 | 30 | 80 | 56+4 | 6 |



# FRESE ANTISCHEGGIA

Jointing Cutters

# 3

## **FRESE A FINIRE REGISTRABILI** Adjustable Jointing Cutters

Page

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## **FRESE A FINIRE REGISTRABILI MULTICUT** Multicut - Adjustable Jointing Cutters

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## **FRESE A FINIRE FISSE** Jointing Cutters

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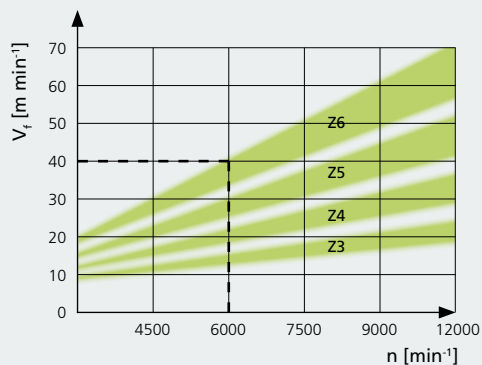


## **FRESE A FINIRE FISSE MULTICUT** Multicut - Jointing Cutters

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# 3 FRESE ANTISCHEGGIA Jointing



## PRESTAZIONI:

- OTTIMA
- BUONA
- ACCETTABILE

## PERFORMANCE:

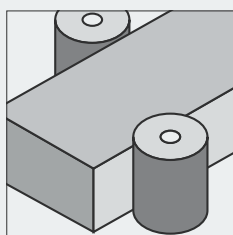
- BEST
- GOOD
- ACCEPTABLE

|                            |                          | FRESE ANTISCHEGGIA A FINIRE REGISTRABILI<br>ADJUSTABLE JOINTING CUTTERS | FRESE ANTISCHEGGIA A FINIRE REGISTRABILI MULTICUT<br>MULTICUT - ADJUSTABLE JOINTING CUT-<br>TERS | FRESE ANTISCHEGGIA A FINIRE FISSE<br>JOINTING CUTTERS | FRESE ANTISCHEGGIA A FINIRE FISSE MULTICUT<br>MULTICUT - JOINTING CUTTERS |
|----------------------------|--------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------|
| LEGNO MASSICCIO            | HARDWOOD                 | •                                                                       | •                                                                                                | •                                                     | •                                                                         |
| LAMELLARE                  | GLUED LAMINATED TIMBER   | ••                                                                      | ••                                                                                               | ••                                                    | ••                                                                        |
| TRUCIOLARE                 | CHIPBOARD                | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| TRUCIOLARE PLACCATO        | FACED CHIPBOARD          | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| TRUCIOLARE MELAMINICO      | MELAMINE FACED CHIPBOARD | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| TRUCIOLARE RIVESTITO CARTA | PAPER-COVERED CHIPBOARD  | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| MDF GREZZO                 | RAW MDF                  | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| MDF PLACCATO               | FACED MDF                | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| MDF MELAMINICO             | MELAMINE FACED MDF       | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| MDF RIVESTITO CARTA        | PAPER-FACED MDF          | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| MULTIPLEX                  | MultiPlex BOARD          | ••                                                                      | ••                                                                                               | ••                                                    | ••                                                                        |
| HPL, CPL, Trespa           | HPL, CPL, Trespa         | ••                                                                      | ••                                                                                               | ••                                                    | ••                                                                        |
| OSB                        | OSB                      | ••                                                                      | ••                                                                                               | ••                                                    | ••                                                                        |
| POLIURETANO RIGIDO         | HARD POLYURETHANE        | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| PLASTOMERO                 | SOFT POLYURETHANE        | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| P. BASE DI FIBRA DI VETRO  | FIBERGLASS BOARD         | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |
| CORIAN, VARICOR            | CORIAN, VARICOR          | ••                                                                      | ••                                                                                               | ••                                                    | ••                                                                        |
| PANNELLO CARTONGESSO       | PLASTERBOARD             | •••                                                                     | •••                                                                                              | •••                                                   | •••                                                                       |

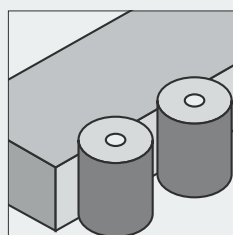


## LAVORAZIONE

Application



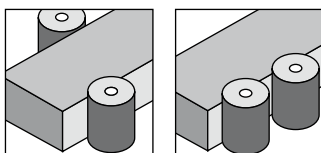
Rifinitura verticale su 2 lati  
2 sides vertical finish



Rifinitura verticale su 1 lato  
1 side double vertical finish

# FRESE A FINIRE REGISTRABILI

Adjustable Jointing Cutters



Utilizzate nella finitura dei pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici o su bordatrici con gruppi rettifica. Registrabili tramite anelli distanziali in acciaio che permettono di ripristinare il filo tagliente nei punti di maggior usura.

Rotazione a favore o contro avanzamento.

Forma assiale per una finitura migliore anche su pannelli nobilitati.

Scarico ottimizzato per una più veloce evacuazione del truciolo.

Differenti combinazioni per adattarle allo spessore dei materiali.

Used for squaring chipboard, MDF, HDF with or without veneer, paper or plastic coatings.

Suitable for double end tenoners and edgebanders.

Cutter is adjustable by means of steel spacers, allowing to set it to change wearing line.

With or against flow feed rotation.

Tips axial angle design for exceptional finishing on faced panels.

Optimized dust flow for perfect evacuation of chips.

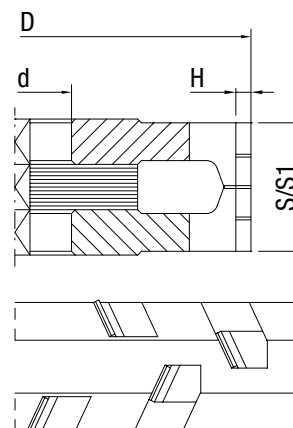
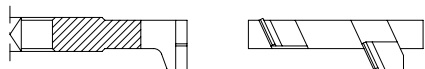
Different combinations for board different thickness.

## Type 1

| CODE    | D   | S  | S1 | d (DKN) | Z | H |
|---------|-----|----|----|---------|---|---|
| 0900020 | 80  | 22 | 34 | 30      | 3 | 4 |
| 0900024 | 80  | 24 | 38 | 30      | 3 | 4 |
| 0900026 | 80  | 32 | 48 | 30      | 3 | 4 |
| 0900030 | 100 | 22 | 34 | 30      | 3 | 4 |
| 0900034 | 100 | 32 | 48 | 30      | 3 | 4 |
| 0900036 | 125 | 22 | 34 | 30      | 3 | 4 |
| 0900040 | 125 | 22 | 34 | 30      | 4 | 4 |
| 0900044 | 150 | 22 | 34 | 30      | 4 | 5 |
| 0900048 | 180 | 22 | 34 | 35      | 4 | 5 |
| 0900050 | 180 | 22 | 34 | 35      | 6 | 5 |
| 0900056 | 200 | 22 | 34 | 35      | 4 | 5 |
| 0900060 | 200 | 22 | 34 | 35      | 5 | 5 |
| 0900064 | 200 | 22 | 34 | 35      | 6 | 5 |
| 0900068 | 200 | 22 | 34 | 40      | 4 | 5 |
| 0900076 | 200 | 22 | 34 | 40      | 5 | 5 |
| 0900084 | 200 | 22 | 34 | 40      | 6 | 5 |

Modulo per teste antischeggia registrabili (vedi pag. 120)

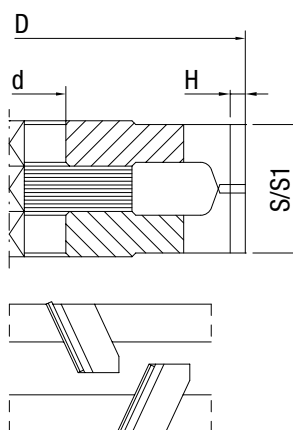
Module for anti-chipping adjust tool heads (vedi pag. 120)



Type "1"

## Type 2

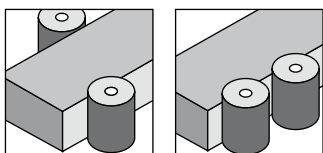
| CODE    | D   | S  | S1 | d (DKN) | Z | H |
|---------|-----|----|----|---------|---|---|
| 0900022 | 80  | 22 | 34 | 30      | 3 | 4 |
| 0900028 | 85  | 22 | 34 | 30      | 3 | 4 |
| 0900032 | 100 | 22 | 34 | 30      | 3 | 4 |
| 0900038 | 125 | 22 | 34 | 30      | 3 | 4 |
| 0900042 | 125 | 22 | 34 | 30      | 4 | 4 |
| 0900046 | 150 | 22 | 34 | 30      | 4 | 5 |
| 0900052 | 180 | 22 | 34 | 35      | 4 | 5 |
| 0900054 | 180 | 22 | 34 | 35      | 6 | 5 |
| 0900058 | 200 | 22 | 34 | 35      | 4 | 5 |
| 0900062 | 200 | 22 | 34 | 35      | 5 | 5 |
| 0900066 | 200 | 22 | 34 | 35      | 6 | 5 |
| 0900070 | 200 | 22 | 34 | 40      | 4 | 5 |
| 0900078 | 200 | 22 | 34 | 40      | 5 | 5 |
| 0900086 | 200 | 22 | 34 | 40      | 6 | 5 |



Type "2"

# FRESE A FINIRE REGISTRABILI MULTICUT

## Multicut - Adjustable Jointing Cutters



Utilizzate nella finitura dei pannelli in Truciolare, MDF, rivestiti e non, multistrati laminati plastici. Utilizzabili su macchine squadratrici o su bordatrici con gruppi rettifica. Il Multicut permette un taglio morbido e silenzioso. Ideale per l'incisione e il taglio di bordi particolarmente spessi.

Registrabili tramite anelli distanziali in acciaio che permettono di ripristinare il filo tagliente nei punti di maggior usura.

Rotazione a favore o contro avanzamento.

Forma assiale per una finitura migliore anche su pannelli nobilitati.

Scarico ottimizzato per una più veloce evacuazione del truciolo.

Differenti combinazioni per adattarle allo spessore dei materiali.

Used for squaring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Suitable for double end tenoners and edge banders.

Multicut design grants a smooth and low noise cut. Best choice when scoring and cutting of thick borders.

Cutter is adjustable by means of steel spacers, allowing to set it to change wearing line.

With or against flow feed rotation.

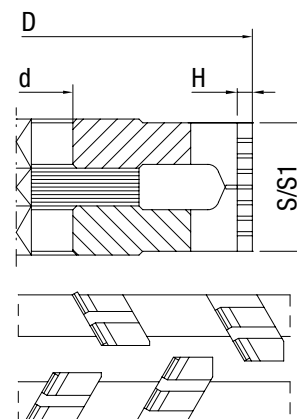
Tips axial angle design for exceptional finishing on faced panels.

Optimized dust flow for perfect evacuation of chips.

Different combinations for board different thickness.

## Type 1

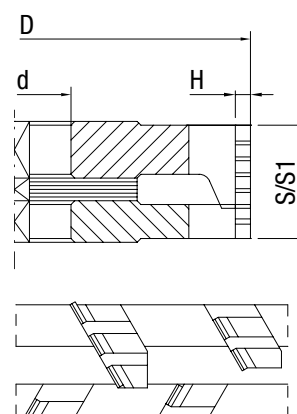
| CODE    | D   | S  | S1 | d (DKN) | Z | H |
|---------|-----|----|----|---------|---|---|
| 0901020 | 80  | 22 | 34 | 30      | 3 | 4 |
| 0901024 | 80  | 32 | 48 | 30      | 3 | 4 |
| 0901028 | 85  | 22 | 34 | 30      | 3 | 4 |
| 0901030 | 100 | 22 | 34 | 30      | 3 | 4 |
| 0901034 | 100 | 22 | 34 | 30      | 4 | 4 |
| 0901050 | 180 | 22 | 34 | 35      | 4 | 5 |
| 0901052 | 180 | 22 | 34 | 35      | 6 | 5 |
| 0901060 | 200 | 22 | 34 | 35      | 5 | 5 |
| 0901066 | 200 | 22 | 34 | 35      | 6 | 5 |
| 0901082 | 200 | 22 | 34 | 40      | 5 | 5 |
| 0901088 | 200 | 22 | 34 | 40      | 6 | 5 |



Type "1"

## Type 2

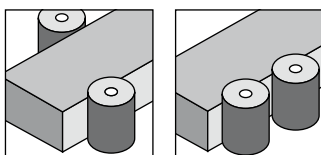
| CODE RH | CODE LH | D   | S  | S1 | d (DKN) | Z  | H |
|---------|---------|-----|----|----|---------|----|---|
| 0901022 | 0901023 | 80  | 24 | 30 | 30      | 3  | 4 |
| 0901026 | 0901027 | 80  | 32 | 38 | 30      | 3  | 4 |
| 0901032 | 0901033 | 100 | 24 | 30 | 30      | 3  | 4 |
| 0901036 | 0901037 | 100 | 24 | 30 | 30      | 4  | 4 |
| 0901038 | 0901039 | 100 | 46 | 51 | 30      | 3  | 4 |
| 0901040 | 0901041 | 125 | 24 | 30 | 30      | 3  | 4 |
| 0901042 | 0901043 | 125 | 24 | 30 | 30      | 4  | 4 |
| 0901044 | 0901045 | 125 | 24 | 30 | 30      | 5  | 4 |
| 0901046 | 0901047 | 125 | 46 | 51 | 30      | 3  | 4 |
| 0901048 | 0901049 | 150 | 24 | 30 | 30      | 4  | 5 |
| 0901054 | 0901055 | 180 | 24 | 30 | 35      | 4  | 5 |
| 0901056 | 0901057 | 180 | 24 | 30 | 35      | 6  | 5 |
| 0901058 | 0901059 | 180 | 46 | 51 | 35      | 6  | 5 |
| 0901062 | 0901063 | 200 | 24 | 30 | 35      | 5  | 5 |
| 0901064 | 0901065 | 200 | 46 | 51 | 35      | 5  | 5 |
| 0901068 | 0901069 | 200 | 24 | 30 | 35      | 6  | 5 |
| 0901070 | 0901071 | 200 | 46 | 51 | 35      | 6  | 5 |
| 0901072 | 0901073 | 200 | 68 | 72 | 35      | 6  | 5 |
| 0901074 | 0901075 | 200 | 24 | 30 | 35      | 8  | 5 |
| 0901076 | 0901077 | 200 | 46 | 51 | 35      | 8  | 5 |
| 0901078 | 0901079 | 200 | 24 | 30 | 35      | 12 | 5 |
| 0901080 | 0901081 | 200 | 46 | 51 | 35      | 12 | 5 |
| 0901084 | 0901085 | 200 | 24 | 30 | 40      | 5  | 5 |
| 0901086 | 0901087 | 200 | 46 | 51 | 40      | 5  | 5 |
| 0901090 | 0901091 | 200 | 24 | 30 | 40      | 6  | 5 |
| 0901092 | 0901093 | 200 | 46 | 51 | 40      | 6  | 5 |
| 0901094 | 0901095 | 200 | 68 | 72 | 40      | 6  | 5 |
| 0901096 | 0901097 | 200 | 24 | 30 | 40      | 8  | 5 |
| 0901098 | 0901099 | 200 | 46 | 51 | 40      | 8  | 5 |
| 0901100 | 0901101 | 200 | 68 | 72 | 40      | 8  | 5 |
| 0901102 | 0901103 | 200 | 24 | 30 | 40      | 12 | 5 |
| 0901104 | 0901105 | 200 | 46 | 51 | 40      | 12 | 5 |
| 0901106 | 0901107 | 200 | 68 | 72 | 40      | 12 | 5 |



Type "2"

# FRESE A FINIRE FISSE

## Jointing Cutters

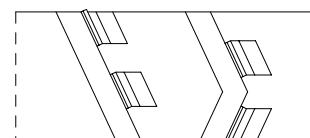
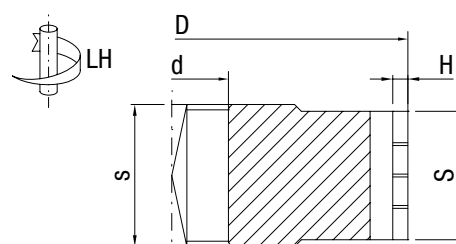


Utilizzate nella finitura dei pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici o su bordatrici con gruppi rettifica. Ridotta rumorosità grazie alla forma chiusa del corpo e vano di scarico maggiorato per una veloce evacuazione del truciolo. Adatte alle principali macchine sul mercato. Rotazione a favore o contro avanzamento. Forma assiale. Placchette disposte a spirale. Ottima finitura anche su pannelli nobilitati.

Used for squaring chipboard, MDF, HDF with or without veneer, paper or plastic coatings. Suitable for double end tenoners and edge banders. Fits most common machines in the market. With or against flow feed rotation. Axial design. Spiral tips design. Exceptional finishing on faced panels. Improved DFS dust flow reduces noise while boosting performances.

### Type 1

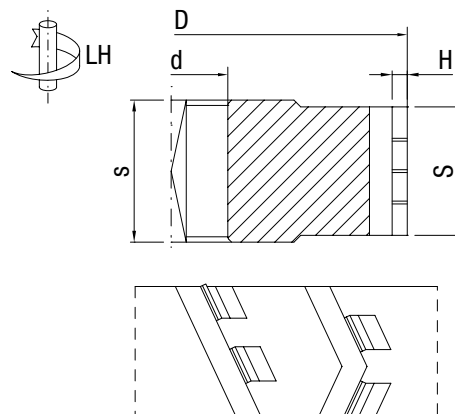
| CODE RH | CODE LH | D   | S  | s    | d (DKN) | Z | H | MACHINE    |
|---------|---------|-----|----|------|---------|---|---|------------|
| 1100032 | 1100033 | 80  | 43 | 45   | 30      | 3 | 3 | -          |
| 1100036 | 1100037 | 85  | 43 | 45   | 30      | 3 | 3 | -          |
| 1100038 | 1100039 | 85  | 43 | 45   | 30      | 3 | 4 | -          |
| 1100042 | 1100043 | 100 | 24 | 26   | 30      | 3 | 3 | -          |
| 1100044 | 1100045 | 100 | 24 | 26   | 30      | 3 | 4 | -          |
| 1100046 | 1100047 | 100 | 34 | 37,6 | 30      | 2 | 3 | IMA/BRANDT |
| 1100048 | 1100049 | 100 | 34 | 37,6 | 30      | 3 | 3 | IMA/BRANDT |
| 1100050 | 1100051 | 100 | 34 | 37,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1100052 | 1100053 | 100 | 34 | 37,6 | 30      | 4 | 4 | IMA/BRANDT |
| 1100080 | 1100081 | 125 | 24 | 26   | 30      | 3 | 3 | IMA/BRANDT |
| 1100082 | 1100083 | 125 | 24 | 26   | 30      | 3 | 4 | IMA/BRANDT |
| 1100084 | 1100085 | 125 | 24 | 26   | 30      | 4 | 3 | IMA/BRANDT |
| 1100086 | 1100087 | 125 | 24 | 26   | 30      | 4 | 4 | IMA/BRANDT |
| 1100090 | 1100091 | 125 | 34 | 37,6 | 30      | 3 | 3 | IMA/BRANDT |
| 1100092 | 1100093 | 125 | 34 | 37,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1100120 | 1100121 | 150 | 24 | 26   | 30      | 4 | 5 | -          |
| 1100122 | 1100123 | 150 | 34 | 37,6 | 30      | 4 | 5 | -          |
| 1100126 | 1100127 | 180 | 24 | 26   | 35      | 4 | 5 | -          |
| 1100128 | 1100129 | 180 | 24 | 26   | 35      | 6 | 5 | -          |
| 1100130 | 1100131 | 180 | 34 | 37,6 | 35      | 4 | 5 | -          |



Type "1"

## Type 1

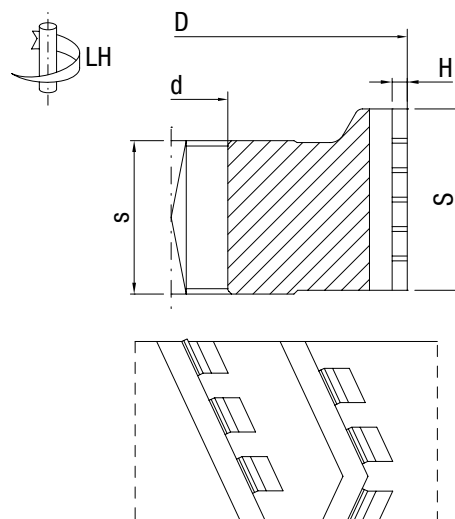
| CODE RH | CODE LH | D   | S  | s    | d (DKN) | Z | H | MACHINE |
|---------|---------|-----|----|------|---------|---|---|---------|
| 1100132 | 1100133 | 180 | 34 | 37,6 | 35      | 6 | 5 | -       |
| 1100146 | 1100147 | 200 | 24 | 26   | 35      | 4 | 5 | -       |
| 1100150 | 1100151 | 200 | 24 | 26   | 35      | 6 | 5 | -       |
| 1100152 | 1100153 | 200 | 34 | 37,6 | 35      | 4 | 5 | -       |
| 1100154 | 1100155 | 200 | 34 | 37,6 | 35      | 6 | 5 | -       |
| 1100156 | 1100157 | 200 | 48 | 50   | 35      | 6 | 5 | -       |
| 1100164 | 1100165 | 200 | 24 | 26   | 40      | 4 | 5 | -       |
| 1100168 | 1100169 | 200 | 24 | 26   | 40      | 6 | 5 | -       |
| 1100170 | 1100171 | 200 | 34 | 37,6 | 40      | 4 | 5 | -       |
| 1100172 | 1100173 | 200 | 34 | 37,6 | 40      | 6 | 5 | -       |
| 1100174 | 1100175 | 200 | 48 | 50   | 40      | 6 | 5 | -       |
| 1100180 | 1100181 | 220 | 34 | 42   | 35      | 4 | 5 | IMA     |



Type "1"

## Type 2

| CODE RH | CODE LH | D   | S   | s    | d (DKN) | Z | H | MACHINE    |
|---------|---------|-----|-----|------|---------|---|---|------------|
| 1100020 | 1100021 | 60  | 50  | 45   | 20      | 2 | 3 | EBS        |
| 1100022 | 1100023 | 60  | 50  | 45   | 20      | 3 | 3 | EBS        |
| 1100024 | 1100025 | 60  | 54  | 45   | 20      | 2 | 3 | POLIMAC    |
| 1100026 | 1100027 | 60  | 54  | 45   | 20      | 3 | 3 | POLIMAC    |
| 1100034 | 1100035 | 80  | 65  | 35   | 30      | 3 | 3 | -          |
| 1100054 | 1100055 | 100 | 43  | 40,6 | 30      | 2 | 3 | IMA/BRANDT |
| 1100056 | 1100057 | 100 | 43  | 40,6 | 30      | 3 | 3 | IMA/BRANDT |
| 1100058 | 1100059 | 100 | 43  | 40,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1100064 | 1100065 | 100 | 48  | 40,6 | 30      | 3 | 3 | IMA/BRANDT |
| 1100066 | 1100067 | 100 | 48  | 40,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1100200 | 1100201 | 100 | 55  | 40,6 | 30      | 3 | 3 | IMA/BRANDT |
| 1100202 | 1100203 | 100 | 55  | 40,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1100068 | 1100069 | 100 | 65  | 40,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1100102 | 1100103 | 125 | 48  | 40,6 | 30      | 3 | 3 | IMA        |
| 1100104 | 1100105 | 125 | 48  | 40,6 | 30      | 3 | 4 | IMA        |
| 1100112 | 1100113 | 125 | 65  | 42   | 30      | 3 | 3 | IMA        |
| 1100114 | 1100115 | 125 | 65  | 42   | 30      | 3 | 4 | IMA        |
| 1100116 | 1100117 | 125 | 65  | 42   | 30      | 4 | 3 | IMA        |
| 1100118 | 1100119 | 125 | 86  | 42   | 30      | 4 | 4 | IMA        |
| 1100134 | 1100135 | 180 | 43  | 40,6 | 35      | 4 | 5 | -          |
| 1100140 | 1100141 | 180 | 65  | 40,6 | 35      | 4 | 5 | -          |
| 1100142 | 1100143 | 180 | 86  | 40,6 | 35      | 4 | 5 | -          |
| 1100158 | 1100159 | 200 | 65  | 50   | 35      | 6 | 5 | -          |
| 1100160 | 1100161 | 200 | 86  | 50   | 35      | 6 | 5 | -          |
| 1100176 | 1100177 | 200 | 65  | 50   | 40      | 6 | 5 | -          |
| 1100178 | 1100179 | 200 | 86  | 50   | 40      | 6 | 5 | -          |
| 1100184 | 1100185 | 220 | 65  | 50   | 35      | 4 | 5 | IMA        |
| 1100186 | 1100187 | 220 | 86  | 50   | 35      | 4 | 5 | IMA        |
| 1100188 | 1100189 | 220 | 110 | 50   | 35      | 4 | 5 | IMA        |
| 1100194 | 1100195 | 220 | 65  | 50   | 60      | 4 | 5 | IMA        |
| 1100196 | 1100197 | 220 | 86  | 50   | 60      | 4 | 5 | IMA        |
| 1100198 | 1100199 | 220 | 110 | 50   | 60      | 4 | 5 | IMA        |



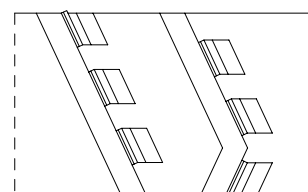
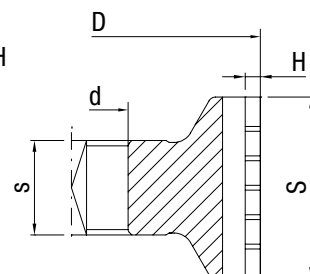
Type "2"

## FRESE A FINIRE FISSE

### Jointing Cutters

#### Type 3

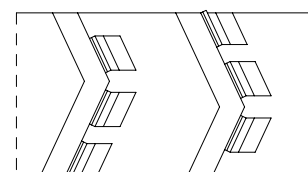
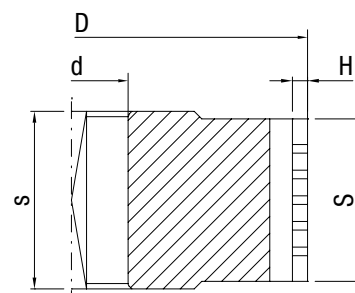
| CODE RH | CODE LH | D   | S  | s    | d (DKN) | Z | H | MACHINE |
|---------|---------|-----|----|------|---------|---|---|---------|
| 1100028 | 1100029 | 80  | 43 | 19   | 20      | 3 | 3 | -       |
| 1100030 | 1100031 | 80  | 43 | 22   | 30      | 3 | 3 | IDM     |
| 1100060 | 1100061 | 100 | 48 | 25   | 30      | 2 | 3 | HOLZHER |
| 1100062 | 1100063 | 100 | 48 | 25   | 30      | 2 | 4 | HOLZHER |
| 1100070 | 1100071 | 100 | 65 | 25   | 30      | 2 | 3 | HOLZHER |
| 1100072 | 1100073 | 100 | 65 | 25   | 30      | 3 | 3 | HOLZHER |
| 1100076 | 1100077 | 100 | 86 | 25   | 30      | 3 | 3 | HOLZHER |
| 1100136 | 1100137 | 180 | 48 | 40,6 | 35      | 4 | 5 | -       |
| 1100138 | 1100139 | 180 | 48 | 40,6 | 35      | 6 | 5 | -       |
| 1100182 | 1100183 | 220 | 48 | 42   | 35      | 4 | 5 | IMA     |
| 1100190 | 1100191 | 220 | 34 | 30   | 60      | 4 | 5 | IMA     |
| 1100192 | 1100193 | 220 | 48 | 30   | 60      | 4 | 5 | IMA     |



Type "3"

#### Type 4

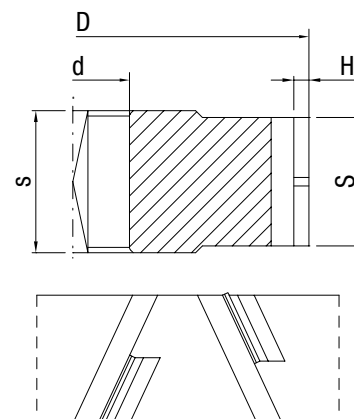
| CODE    | D   | S  | s    | d (DKN) | Z | H | MACHINE |
|---------|-----|----|------|---------|---|---|---------|
| 1100074 | 100 | 65 | 75   | 30      | 3 | 3 | AKRON   |
| 1100094 | 125 | 34 | 37,6 | 30      | 3 | 3 | HOMAG   |
| 1100096 | 125 | 34 | 37,6 | 30      | 3 | 4 | HOMAG   |
| 1100098 | 125 | 43 | 47   | 30      | 3 | 3 | BIESSE  |



Type "4"

## Type 5

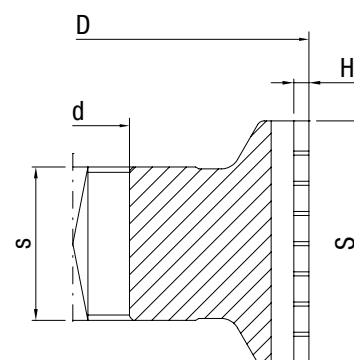
| CODE           | D   | S  | s    | d (DKN) | Z | H | MACHINE    |
|----------------|-----|----|------|---------|---|---|------------|
| <b>1100040</b> | 100 | 24 | 26   | 30      | 3 | 3 | -          |
| <b>1100078</b> | 125 | 24 | 26   | 30      | 3 | 3 | IMA/BRANDT |
| <b>1100088</b> | 125 | 34 | 37,6 | 30      | 3 | 3 | IMA/BRANDT |
| <b>1100144</b> | 200 | 24 | 26   | 35      | 4 | 5 | -          |
| <b>1100148</b> | 200 | 24 | 26   | 35      | 6 | 5 | -          |
| <b>1100162</b> | 200 | 24 | 26   | 40      | 4 | 5 | -          |
| <b>1100166</b> | 200 | 24 | 26   | 40      | 6 | 5 | -          |



Type "5"

## Type 6

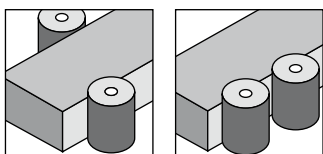
| CODE           | D   | S  | s    | d (DKN) | Z | H | MACHINE   |
|----------------|-----|----|------|---------|---|---|-----------|
| <b>1100100</b> | 125 | 43 | 40,6 | 30      | 3 | 3 | IMA/HOMAG |
| <b>1100106</b> | 125 | 65 | 40,6 | 30      | 3 | 3 | HOMAG     |
| <b>1100108</b> | 125 | 65 | 40,6 | 30      | 3 | 4 | HOMAG     |
| <b>1100110</b> | 125 | 65 | 40,6 | 30      | 4 | 3 | HOMAG     |
| <b>1100124</b> | 150 | 48 | 40,6 | 30      | 4 | 5 | -         |



Type "6"

# FRESE A FINIRE FISSE MULTICUT

## MULTICUT - Jointing Cutters



Utilizzate nella finitura dei pannelli in Truciolare, MDF, rivestiti e non, multistrati, laminati plastici. Utilizzabili su macchine squadratrici o su bordatrici con gruppi rettifica. Il Multicut permette un taglio morbido e silenzioso. Ideale per l'incisione e il taglio di bordi particolarmente spessi.

Adatte alle principali macchine sul mercato.

Rotazione a favore o contro avanzamento.

Forma assiale.

Placchette disposte a spirale.

Ottima finitura anche su pannelli nobilitati.

Ridotta rumorosità grazie alla forma chiusa del corpo.

Used for squaring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Suitable for double end tenoners and edge banders.

Fits most common machines in the market.

With or against flow feed rotation.

Axial design.

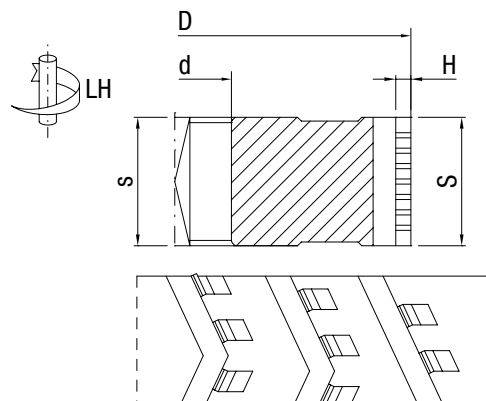
Spiral tips design.

Exceptional finishing on faced panels.

Low noise thanks to closed body design.

### Type 1

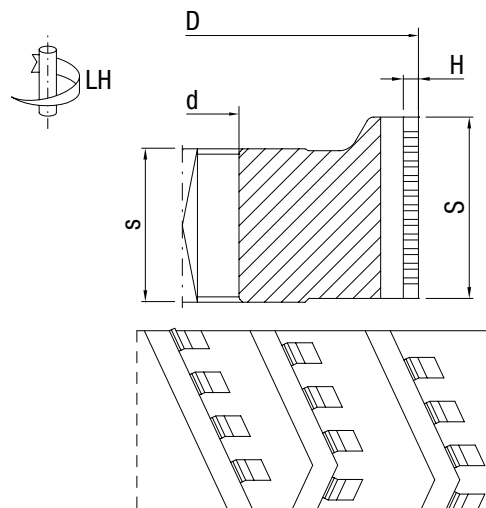
| CODE RH | CODE LH | D   | S  | s    | d (DKN) | Z | H | MACHINE    |
|---------|---------|-----|----|------|---------|---|---|------------|
| 1101020 | 1101021 | 100 | 24 | 26   | 30      | 3 | 4 | -          |
| 1101030 | 1101031 | 125 | 24 | 26   | 30      | 3 | 4 | IMA/BRANDT |
| 1101032 | 1101033 | 125 | 24 | 26   | 30      | 4 | 4 | IMA/BRANDT |
| 1101034 | 1101035 | 125 | 34 | 34   | 30      | 3 | 4 | IMA/BRANDT |
| 1101046 | 1101047 | 150 | 34 | 37,6 | 30      | 4 | 5 | -          |
| 1101050 | 1101051 | 180 | 48 | 50   | 35      | 4 | 5 | -          |
| 1101054 | 1101055 | 200 | 24 | 26   | 40      | 6 | 5 | -          |
| 1101056 | 1101057 | 200 | 34 | 37,6 | 40      | 6 | 5 | -          |
| 1101060 | 1101061 | 200 | 24 | 26   | 35      | 6 | 5 | -          |
| 1101062 | 1101063 | 200 | 34 | 37,6 | 35      | 6 | 5 | -          |



Type "1"

### Type 2

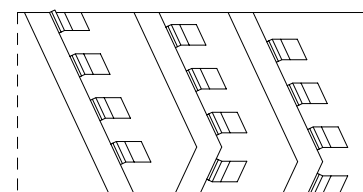
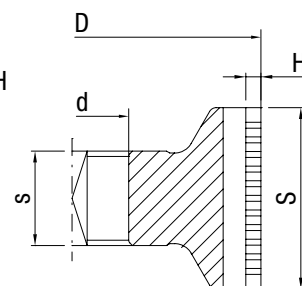
| CODE RH | CODE LH | D   | S   | s    | d (DKN) | Z | H | MACHINE    |
|---------|---------|-----|-----|------|---------|---|---|------------|
| 1101024 | 1101025 | 100 | 48  | 40,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1101026 | 1101027 | 100 | 65  | 40,6 | 30      | 3 | 4 | IMA/BRANDT |
| 1101038 | 1101039 | 125 | 48  | 40,6 | 30      | 3 | 4 | IMA        |
| 1101044 | 1101045 | 125 | 65  | 42   | 30      | 4 | 4 | IMA        |
| 1101052 | 1101053 | 180 | 65  | 50   | 35      | 4 | 5 | -          |
| 1101058 | 1101059 | 200 | 65  | 50   | 40      | 6 | 5 | -          |
| 1101064 | 1101065 | 200 | 65  | 50   | 35      | 6 | 5 | -          |
| 1101066 | 1101067 | 220 | 65  | 50   | 35      | 4 | 5 | IMA        |
| 1101068 | 1101069 | 220 | 84  | 50   | 35      | 4 | 5 | IMA        |
| 1101070 | 1101071 | 220 | 110 | 50   | 35      | 4 | 5 | IMA        |



Type "2"

## Type 3

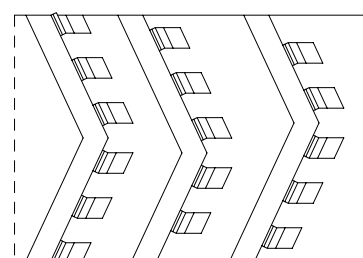
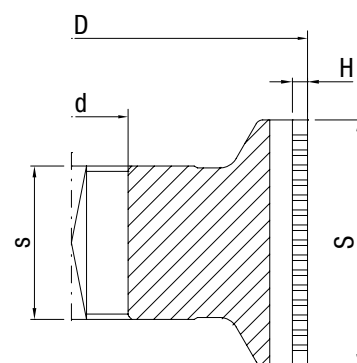
| CODE RH | CODE LH | D   | S  | s  | d (DKN) | Z | H | MACHINE |
|---------|---------|-----|----|----|---------|---|---|---------|
| 1101022 | 1101023 | 100 | 48 | 25 | 30      | 2 | 4 | HOLZHER |
| 1101028 | 1101029 | 100 | 65 | 25 | 30      | 3 | 4 | HOLZHER |
| 1101096 | 1101097 | 125 | 48 | 25 | 30      | 2 | 4 | -       |
| 1101098 | 1101099 | 125 | 65 | 25 | 30      | 3 | 4 | -       |
| 1101100 | 1101101 | 150 | 48 | 25 | 30      | 2 | 4 | -       |
| 1101102 | 1101103 | 150 | 65 | 25 | 30      | 3 | 4 | -       |



Type "3"

## Type 4

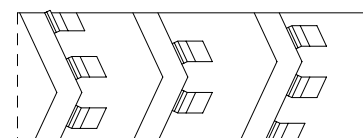
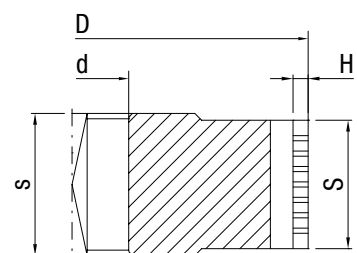
| CODE    | D   | S  | s    | d (DKN) | Z | H | MACHINE |
|---------|-----|----|------|---------|---|---|---------|
| 1101040 | 125 | 65 | 40,6 | 30      | 3 | 4 | HOMAG   |
| 1101042 | 125 | 65 | 40,6 | 30      | 4 | 4 | HOMAG   |
| 1101048 | 150 | 48 | 40,6 | 30      | 4 | 5 | -       |
| 1101072 | 150 | 48 | 40,6 | 30      | 3 | 4 | -       |
| 1101074 | 150 | 65 | 40,6 | 30      | 3 | 4 | -       |
| 1101076 | 150 | 65 | 40,6 | 30      | 4 | 4 | -       |
| 1101078 | 180 | 48 | 40,6 | 30      | 3 | 4 | -       |
| 1101080 | 180 | 48 | 40,6 | 30      | 4 | 4 | -       |



Type "4"

## Type 5

| CODE    | D   | S  | s    | d (DKN) | Z | H | MACHINE |
|---------|-----|----|------|---------|---|---|---------|
| 1101036 | 125 | 34 | 37,6 | 30      | 3 | 4 | HOMAG   |
| 1101086 | 125 | 34 | 37,6 | 30      | 4 | 4 | HOMAG   |
| 1101088 | 150 | 34 | 37,6 | 30      | 3 | 4 | -       |
| 1101090 | 150 | 34 | 37,6 | 30      | 4 | 4 | -       |
| 1101092 | 180 | 34 | 37,6 | 30      | 3 | 4 | -       |
| 1101094 | 180 | 34 | 37,6 | 30      | 4 | 4 | -       |



Type "5"

# FRESE

Cutter Heads



**FRESE PER CANALI FISSE**  
Grooving Cutters

Page  
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**FRESE PER CANALI FISSE**  
Grooving Cutters

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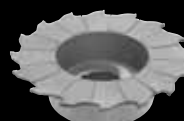
**FRESE PER CANALI REGISTRABILI**  
Adjustable Grooving Cutters

82



**FRESE PER CANALI REGISTRABILI**  
Adjustable Grooving Cutters

85



**FRESE PER BORDATRICE PIANE**  
Straight Edge Banding Cutters

86



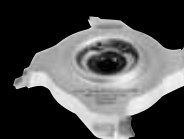
**FRESE PER BORDATRICE INCLINATE**  
Beveling Edge Banding Cutters

88



**FRESE PER BORDATRICE RAGGIATE**  
Rounding Edge Banding Cutters

91



**FRESE PER SOFT-FORMING**  
Soft-Forming Cutters

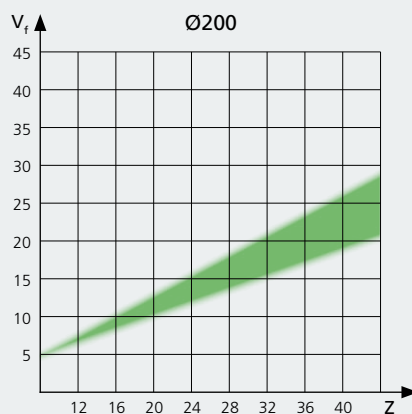
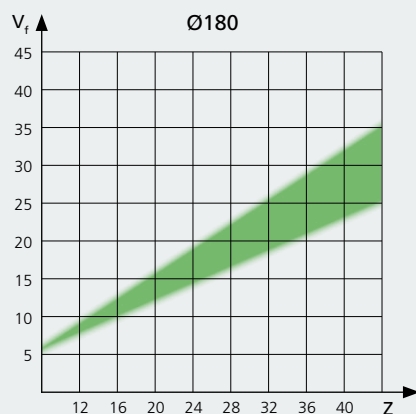
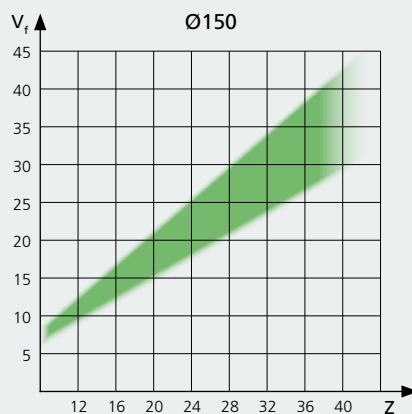
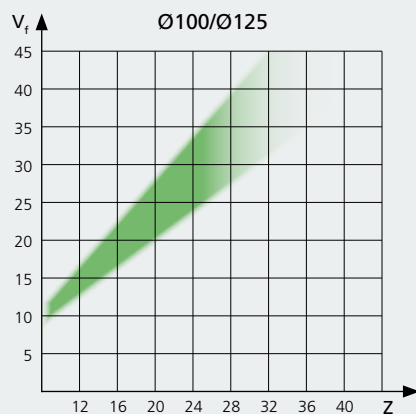
97



# 4 FRESE Cutter Heads

## FRESE PER CANALI

Grooving Cutters



| Ø   | RPM   |
|-----|-------|
| 120 | 12000 |
| 150 | 9000  |
| 180 | 7000  |
| 200 | 6000  |

$V_f$  = Velocità di taglio / Feeding Speed

## FRESE PER BORDATRICE

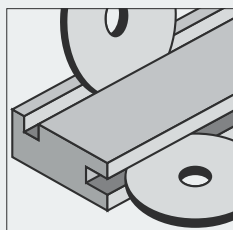
Edge Banding Cutters

| FORO / HOLE | Z4                                      | Z6                                      |
|-------------|-----------------------------------------|-----------------------------------------|
| HSK25R      | RPM max 24000 min-1<br>FEED 20-30 m/min | RPM max 24000 min-1<br>FEED 30-45 m/min |
| HSK32       | RPM max 18000 min-1<br>FEED 20-30 m/min | RPM max 18000 min-1<br>FEED 30-45 m/min |
| 16          | RPM max 24000 min-1<br>FEED 15-25 m/min | RPM max 24000 min-1<br>FEED 25-35 m/min |
| 20          | RPM max 24000 min-1<br>FEED 15-25 m/min | RPM max 24000 min-1<br>FEED 25-35 m/min |

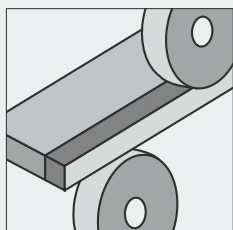


## LAVORAZIONE

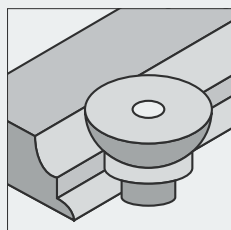
### Application



Scanalare orizzontale,  
verticale  
Groove horiz. vert.



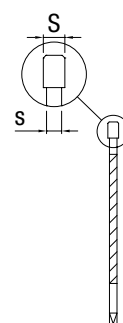
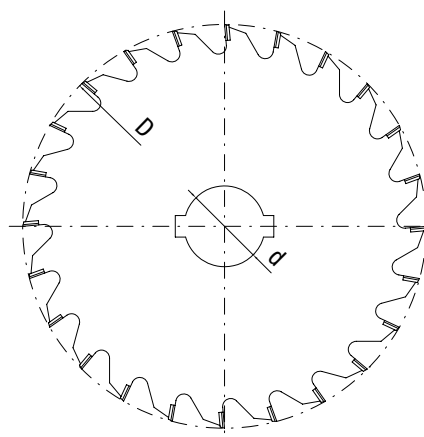
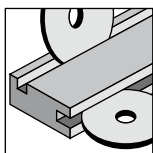
Bordare smussare profilare  
Bead bevel profile



Profilare  
Profile

# FRESE PER CANALI FISSE

## Grooving Cutters



Utilizzabili per l'esecuzione di canali o scanalature su pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici o su aggregati di macchine CNC.

Rotazione a favore o contro avanzamento. Frese per canali con  $d = 65$  montabili per mezzo di 6 viti svasate M5 int. 90°.

Geometria di taglio positiva.

Corpo in acciaio rinforzato.

Spigoli smussati per una maggior durata.

Riserva affilatura 2,5 mm.

Used for squaring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Suitable for double end tenoners

With or against flow feed rotation

Cutter with bore  $\varnothing 65$  can be assembled by means of 6 (M5 screws/D90°)

Positive tooth rake angle

Reinforced steel body

Beveled edges for a longer tool life

2,5 mm PCD available for re-sharpening

| CODE    | D   | S   | s   | d (DKN) | Z  |
|---------|-----|-----|-----|---------|----|
| 2000020 | 100 | 2,3 | 1,5 | 30      | 8  |
| 2000022 | 100 | 2,3 | 1,5 | 30      | 12 |
| 2000024 | 100 | 2,3 | 1,5 | 30      | 18 |
| 2000026 | 100 | 2,5 | 1,6 | 30      | 8  |
| 2000028 | 100 | 2,5 | 1,6 | 30      | 12 |
| 2000030 | 100 | 2,5 | 1,6 | 30      | 18 |
| 2000032 | 100 | 2,8 | 1,8 | 30      | 8  |
| 2000034 | 100 | 2,8 | 1,8 | 30      | 12 |
| 2000036 | 100 | 2,8 | 1,8 | 30      | 18 |
| 2000038 | 100 | 3   | 2   | 30      | 8  |
| 2000040 | 100 | 3   | 2   | 30      | 12 |
| 2000042 | 100 | 3   | 2   | 30      | 18 |
| 2000044 | 100 | 3,2 | 2,2 | 30      | 8  |
| 2000046 | 100 | 3,2 | 2,2 | 30      | 12 |
| 2000048 | 100 | 3,2 | 2,2 | 30      | 18 |
| 2000050 | 100 | 3,5 | 2,2 | 30      | 8  |
| 2000052 | 100 | 3,5 | 2,2 | 30      | 12 |
| 2000054 | 100 | 3,5 | 2,2 | 30      | 18 |
| 2000056 | 100 | 4   | 2,8 | 30      | 8  |
| 2000058 | 100 | 4   | 2,8 | 30      | 12 |
| 2000060 | 100 | 4   | 2,8 | 30      | 18 |
| 2000062 | 100 | 4,2 | 2,8 | 30      | 12 |

| CODE    | D   | S   | s   | d (DKN) | Z  |
|---------|-----|-----|-----|---------|----|
| 2000064 | 100 | 4,2 | 2,8 | 30      | 18 |
| 2000066 | 100 | 4,5 | 2,8 | 30      | 8  |
| 2000068 | 100 | 4,5 | 2,8 | 30      | 12 |
| 2000070 | 100 | 4,5 | 2,8 | 30      | 18 |
| 2000072 | 100 | 5   | 3,5 | 30      | 8  |
| 2000074 | 100 | 5   | 3,5 | 30      | 12 |
| 2000076 | 100 | 5   | 3,5 | 30      | 18 |
| 2000078 | 100 | 6   | 3,5 | 30      | 8  |
| 2000080 | 100 | 6   | 3,5 | 30      | 12 |
| 2000082 | 100 | 6   | 3,5 | 30      | 18 |
| 2000084 | 125 | 2,3 | 1,5 | 30      | 8  |
| 2000086 | 125 | 2,3 | 1,5 | 30      | 12 |
| 2000088 | 125 | 2,3 | 1,5 | 30      | 18 |
| 2000090 | 125 | 2,5 | 1,6 | 30      | 8  |
| 2000092 | 125 | 2,5 | 1,6 | 30      | 12 |
| 2000094 | 125 | 2,5 | 1,6 | 30      | 18 |
| 2000096 | 125 | 2,8 | 1,8 | 30      | 8  |
| 2000098 | 125 | 2,8 | 1,8 | 30      | 12 |
| 2000100 | 125 | 2,8 | 1,8 | 30      | 18 |
| 2000102 | 125 | 3   | 2   | 30      | 8  |
| 2000104 | 125 | 3   | 2   | 30      | 12 |
| 2000106 | 125 | 3   | 2   | 30      | 18 |
| 2000108 | 125 | 3,2 | 2,2 | 30      | 8  |
| 2000110 | 125 | 3,2 | 2,2 | 30      | 12 |
| 2000112 | 125 | 3,2 | 2,2 | 30      | 18 |
| 2000114 | 125 | 3,5 | 2,2 | 30      | 8  |
| 2000116 | 125 | 3,5 | 2,2 | 30      | 12 |
| 2000118 | 125 | 3,5 | 2,2 | 30      | 18 |
| 2000120 | 125 | 4   | 2,8 | 30      | 8  |
| 2000122 | 125 | 4   | 2,8 | 30      | 12 |
| 2000124 | 125 | 4   | 2,8 | 30      | 18 |
| 2000126 | 125 | 4,2 | 2,8 | 30      | 12 |
| 2000128 | 125 | 4,2 | 2,8 | 30      | 18 |
| 2000130 | 125 | 4,5 | 2,8 | 30      | 8  |
| 2000132 | 125 | 4,5 | 2,8 | 30      | 12 |
| 2000134 | 125 | 4,5 | 2,8 | 30      | 18 |
| 2000136 | 125 | 5   | 3,5 | 30      | 8  |
| 2000138 | 125 | 5   | 3,5 | 30      | 12 |
| 2000140 | 125 | 5   | 3,5 | 30      | 18 |
| 2000142 | 125 | 6   | 3,5 | 30      | 8  |
| 2000144 | 125 | 6   | 3,5 | 30      | 12 |
| 2000146 | 125 | 6   | 3,5 | 30      | 18 |
| 2000148 | 150 | 2,5 | 1,6 | 30      | 12 |
| 2000150 | 150 | 2,5 | 1,6 | 30      | 18 |
| 2000152 | 150 | 2,5 | 1,6 | 30      | 24 |
| 2000154 | 150 | 2,5 | 1,6 | 65      | 24 |
| 2000156 | 150 | 2,8 | 1,8 | 30      | 12 |
| 2000158 | 150 | 2,8 | 1,8 | 30      | 18 |
| 2000160 | 150 | 2,8 | 1,8 | 30      | 24 |
| 2000162 | 150 | 2,8 | 1,8 | 65      | 24 |

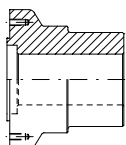
## FRESE PER CANALI FISSE

## Grooving Cutters

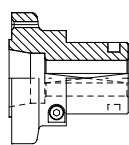
| CODE    | D   | S   | s   | d (DKN) | Z  |
|---------|-----|-----|-----|---------|----|
| 2000164 | 150 | 3   | 2   | 30      | 12 |
| 2000166 | 150 | 3   | 2   | 30      | 18 |
| 2000168 | 150 | 3   | 2   | 30      | 24 |
| 2000170 | 150 | 3   | 2   | 65      | 24 |
| 2000172 | 150 | 3,2 | 2,2 | 30      | 12 |
| 2000174 | 150 | 3,2 | 2,2 | 30      | 18 |
| 2000176 | 150 | 3,2 | 2,2 | 30      | 24 |
| 2000178 | 150 | 3,5 | 2,2 | 30      | 12 |
| 2000180 | 150 | 3,5 | 2,2 | 30      | 18 |
| 2000182 | 150 | 3,5 | 2,2 | 30      | 24 |
| 2000184 | 150 | 3,5 | 2,2 | 65      | 24 |
| 2000186 | 150 | 4   | 2,8 | 30      | 12 |
| 2000188 | 150 | 4   | 2,8 | 30      | 18 |
| 2000190 | 150 | 4   | 2,8 | 30      | 24 |
| 2000192 | 150 | 4,2 | 2,8 | 30      | 12 |
| 2000194 | 150 | 4,2 | 2,8 | 30      | 18 |
| 2000196 | 150 | 4,2 | 2,8 | 30      | 24 |
| 2000198 | 150 | 4,2 | 2,8 | 65      | 12 |
| 2000200 | 150 | 4,2 | 2,8 | 65      | 18 |
| 2000202 | 150 | 4,2 | 2,8 | 65      | 24 |
| 2000204 | 150 | 4,5 | 2,8 | 30      | 12 |
| 2000206 | 150 | 4,5 | 2,8 | 30      | 18 |
| 2000208 | 150 | 4,5 | 2,8 | 30      | 24 |
| 2000210 | 150 | 4,5 | 2,8 | 65      | 24 |
| 2000212 | 150 | 5   | 3,5 | 30      | 12 |
| 2000214 | 150 | 5   | 3,5 | 30      | 18 |
| 2000216 | 150 | 5   | 3,5 | 30      | 24 |
| 2000218 | 150 | 5   | 3,5 | 65      | 24 |
| 2000220 | 150 | 5,5 | 4   | 30      | 24 |
| 2000222 | 150 | 5,5 | 4   | 65      | 24 |
| 2000224 | 150 | 6   | 4   | 30      | 12 |
| 2000226 | 150 | 6   | 4   | 30      | 18 |
| 2000228 | 150 | 6   | 4   | 30      | 24 |
| 2000230 | 150 | 8   | 6   | 30      | 12 |
| 2000232 | 150 | 8   | 6   | 30      | 18 |
| 2000234 | 150 | 8   | 6   | 30      | 24 |
| 2000236 | 180 | 3   | 2   | 35      | 12 |
| 2000238 | 180 | 3   | 2   | 35      | 18 |
| 2000240 | 180 | 3   | 2   | 35      | 24 |
| 2000242 | 180 | 3   | 2   | 65      | 24 |
| 2000244 | 180 | 3,2 | 2,2 | 35      | 12 |
| 2000246 | 180 | 3,2 | 2,2 | 35      | 18 |
| 2000248 | 180 | 3,2 | 2,2 | 35      | 24 |
| 2000250 | 180 | 3,2 | 2,2 | 65      | 24 |
| 2000252 | 180 | 3,2 | 2,2 | 35      | 36 |
| 2000254 | 180 | 3,2 | 2,2 | 65      | 36 |
| 2000256 | 180 | 3,5 | 2,2 | 35      | 12 |
| 2000258 | 180 | 3,5 | 2,2 | 35      | 18 |
| 2000260 | 180 | 3,5 | 2,2 | 35      | 24 |
| 2000262 | 180 | 3,5 | 2,2 | 65      | 24 |

| CODE    | D   | S   | s   | d (DKN) | Z  |
|---------|-----|-----|-----|---------|----|
| 2000264 | 180 | 3,5 | 2,2 | 35      | 36 |
| 2000266 | 180 | 3,5 | 2,2 | 65      | 36 |
| 2000268 | 180 | 4   | 2,8 | 35      | 12 |
| 2000270 | 180 | 4   | 2,8 | 35      | 18 |
| 2000272 | 180 | 4   | 2,8 | 35      | 24 |
| 2000274 | 180 | 4,5 | 2,8 | 35      | 12 |
| 2000276 | 180 | 4,5 | 2,8 | 35      | 18 |
| 2000278 | 180 | 4,5 | 2,8 | 35      | 24 |
| 2000280 | 180 | 5   | 3,5 | 35      | 12 |
| 2000282 | 180 | 5   | 3,5 | 35      | 18 |
| 2000284 | 180 | 5   | 3,5 | 35      | 24 |
| 2000286 | 180 | 6   | 4   | 35      | 12 |
| 2000288 | 180 | 6   | 4   | 35      | 18 |
| 2000290 | 180 | 6   | 4   | 35      | 24 |
| 2000292 | 180 | 8   | 6   | 35      | 12 |
| 2000294 | 180 | 8   | 6   | 35      | 18 |
| 2000296 | 180 | 8   | 6   | 35      | 24 |
| 2000298 | 200 | 3   | 2,2 | 40      | 12 |
| 2000300 | 200 | 3   | 2,2 | 40      | 18 |
| 2000302 | 200 | 3   | 2,2 | 40      | 24 |
| 2000304 | 200 | 3,5 | 2,2 | 40      | 12 |
| 2000306 | 200 | 3,5 | 2,2 | 40      | 18 |
| 2000308 | 200 | 3,5 | 2,2 | 40      | 24 |
| 2000310 | 200 | 4   | 2,8 | 40      | 12 |
| 2000312 | 200 | 4   | 2,8 | 40      | 18 |
| 2000314 | 200 | 4   | 2,8 | 40      | 24 |
| 2000316 | 200 | 4,5 | 2,8 | 40      | 12 |
| 2000318 | 200 | 4,5 | 2,8 | 40      | 18 |
| 2000320 | 200 | 4,5 | 2,8 | 40      | 24 |
| 2000322 | 200 | 5   | 3,5 | 40      | 12 |
| 2000324 | 200 | 5   | 3,5 | 40      | 18 |
| 2000326 | 200 | 5   | 3,5 | 40      | 24 |
| 2000328 | 200 | 6   | 4   | 40      | 12 |
| 2000330 | 200 | 6   | 4   | 40      | 18 |
| 2000332 | 200 | 6   | 4   | 40      | 24 |
| 2000334 | 200 | 8   | 6   | 40      | 12 |
| 2000336 | 200 | 8   | 6   | 40      | 18 |
| 2000338 | 200 | 8   | 6   | 40      | 24 |

**Mozzo meccanico • Mechanical sleeve** (page 121)

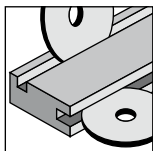


**Hydro-Grip EI** (page 121)



# FRESE PER CANALI FISSE

## Grooving Cutters



Utilizzabili per l'esecuzione di canali o scanalature su pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici o su aggregati di macchine CNC.

Rotazione a favore o contro avanzamento. Geometria di taglio positiva.

Corpo in acciaio rinforzato.

Spigoli smussati per una maggior durata.

Riserva affilatura 2,5 mm.

Used for grooving chipboard, MDF, with or without veneer, plastic coatings.

Suitable for double end tenoners.

With or against flow feed rotation

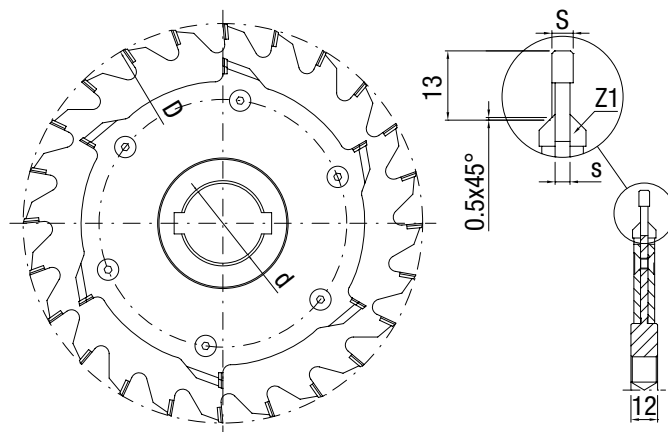
Positive tooth rake angle.

Reinforced steel body.

Beveled edges for a longer tool life.

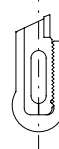
2,5 mm PCD available for re-sharpening

ning



| CODE    | D   | S   | d (DKN) | Z  | Z1 |
|---------|-----|-----|---------|----|----|
| 2002020 | 100 | 3   | 30      | 8  | 4  |
| 2002022 | 100 | 3   | 30      | 12 | 4  |
| 2002024 | 100 | 3   | 30      | 18 | 6  |
| 2002026 | 100 | 3,2 | 30      | 8  | 4  |
| 2002028 | 100 | 3,2 | 30      | 12 | 4  |
| 2002030 | 100 | 3,2 | 30      | 18 | 6  |
| 2002032 | 100 | 3,5 | 30      | 8  | 4  |
| 2002034 | 100 | 3,5 | 30      | 12 | 4  |
| 2002036 | 100 | 3,5 | 30      | 18 | 6  |
| 2002038 | 100 | 4   | 30      | 8  | 4  |
| 2002040 | 100 | 4   | 30      | 12 | 4  |
| 2002042 | 100 | 4   | 30      | 18 | 6  |
| 2002044 | 100 | 4,2 | 30      | 12 | 4  |
| 2002046 | 100 | 4,2 | 30      | 18 | 6  |
| 2002048 | 100 | 4,5 | 30      | 8  | 4  |
| 2002050 | 100 | 4,5 | 30      | 12 | 4  |

Tassello spigolatore registrabile per frese per canali (pag. 120) · Adjustable spur for grooving cutters (page 120)



| CODE    | D   | S   | d (DKN) | Z  | Z1 |
|---------|-----|-----|---------|----|----|
| 2002052 | 100 | 4,5 | 30      | 18 | 6  |
| 2002054 | 100 | 5   | 30      | 8  | 4  |
| 2002056 | 100 | 5   | 30      | 12 | 4  |
| 2002058 | 100 | 5   | 30      | 18 | 6  |
| 2002060 | 100 | 6   | 30      | 8  | 4  |
| 2002062 | 100 | 6   | 30      | 12 | 4  |
| 2002064 | 100 | 6   | 30      | 18 | 6  |
| 2002066 | 125 | 3   | 30      | 8  | 4  |
| 2002068 | 125 | 3   | 30      | 12 | 4  |
| 2002070 | 125 | 3   | 30      | 18 | 6  |
| 2002072 | 125 | 3,2 | 30      | 8  | 4  |
| 2002074 | 125 | 3,2 | 30      | 12 | 4  |
| 2002076 | 125 | 3,2 | 30      | 18 | 6  |
| 2002078 | 125 | 3,5 | 30      | 8  | 4  |
| 2002080 | 125 | 3,5 | 30      | 12 | 4  |
| 2002082 | 125 | 3,5 | 30      | 18 | 6  |
| 2002084 | 125 | 4   | 30      | 8  | 4  |
| 2002086 | 125 | 4   | 30      | 12 | 4  |
| 2002088 | 125 | 4   | 30      | 18 | 6  |
| 2002090 | 125 | 4,2 | 30      | 18 | 6  |
| 2002092 | 125 | 4,5 | 30      | 8  | 4  |
| 2002094 | 125 | 4,5 | 30      | 12 | 4  |
| 2002096 | 125 | 4,5 | 30      | 18 | 6  |
| 2002098 | 125 | 5   | 30      | 8  | 4  |
| 2002100 | 125 | 5   | 30      | 12 | 4  |
| 2002102 | 125 | 5   | 30      | 18 | 6  |
| 2002104 | 125 | 6   | 30      | 8  | 4  |
| 2002106 | 125 | 6   | 30      | 12 | 6  |
| 2002108 | 125 | 6   | 30      | 18 | 6  |
| 2002110 | 150 | 3   | 30      | 12 | 4  |
| 2002112 | 150 | 3   | 30      | 18 | 6  |
| 2002114 | 150 | 3   | 30      | 24 | 6  |
| 2002116 | 150 | 3,2 | 30      | 12 | 4  |
| 2002118 | 150 | 3,2 | 30      | 18 | 6  |
| 2002120 | 150 | 3,2 | 30      | 24 | 6  |
| 2002122 | 150 | 3,5 | 30      | 12 | 4  |
| 2002124 | 150 | 3,5 | 30      | 18 | 6  |
| 2002126 | 150 | 3,5 | 30      | 24 | 6  |
| 2002128 | 150 | 4   | 30      | 12 | 4  |
| 2002130 | 150 | 4   | 30      | 18 | 6  |
| 2002132 | 150 | 4   | 30      | 24 | 6  |
| 2002134 | 150 | 4,2 | 30      | 24 | 6  |
| 2002136 | 150 | 4,5 | 30      | 12 | 4  |

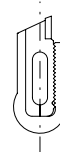
## FRESE PER CANALI FISSE

## Grooving Cutters

| CODE    | D   | S   | d (DKN) | Z  | Z1 |
|---------|-----|-----|---------|----|----|
| 2002138 | 150 | 4,5 | 30      | 18 | 6  |
| 2002140 | 150 | 4,5 | 30      | 24 | 6  |
| 2002142 | 150 | 5   | 30      | 12 | 4  |
| 2002144 | 150 | 5   | 30      | 18 | 6  |
| 2002146 | 150 | 5   | 30      | 24 | 6  |
| 2002148 | 150 | 6   | 30      | 12 | 4  |
| 2002150 | 150 | 6   | 30      | 18 | 6  |
| 2002152 | 150 | 6   | 30      | 24 | 6  |
| 2002154 | 150 | 8   | 30      | 12 | 4  |
| 2002156 | 150 | 8   | 30      | 18 | 6  |
| 2002158 | 150 | 8   | 30      | 24 | 6  |
| 2002160 | 180 | 3   | 35      | 12 | 4  |
| 2002162 | 180 | 3   | 35      | 18 | 6  |
| 2002164 | 180 | 3   | 35      | 24 | 6  |
| 2002166 | 180 | 3,2 | 35      | 12 | 4  |
| 2002168 | 180 | 3,2 | 35      | 18 | 6  |
| 2002170 | 180 | 3,2 | 35      | 24 | 6  |
| 2002172 | 180 | 3,5 | 35      | 12 | 4  |
| 2002174 | 180 | 3,5 | 35      | 18 | 6  |
| 2002176 | 180 | 3,5 | 35      | 24 | 6  |
| 2002178 | 180 | 4   | 35      | 12 | 4  |
| 2002180 | 180 | 4   | 35      | 18 | 6  |
| 2002182 | 180 | 4   | 35      | 24 | 6  |
| 2002184 | 180 | 4,2 | 35      | 24 | 6  |
| 2002186 | 180 | 4,5 | 35      | 12 | 4  |
| 2002188 | 180 | 4,5 | 35      | 18 | 6  |
| 2002190 | 180 | 4,5 | 35      | 24 | 6  |
| 2002192 | 180 | 5   | 35      | 12 | 4  |
| 2002194 | 180 | 5   | 35      | 18 | 6  |
| 2002196 | 180 | 5   | 35      | 24 | 6  |
| 2002198 | 180 | 6   | 35      | 12 | 4  |
| 2002200 | 180 | 6   | 35      | 18 | 6  |
| 2002202 | 180 | 6   | 35      | 24 | 6  |
| 2002204 | 180 | 8   | 35      | 12 | 4  |
| 2002206 | 180 | 8   | 35      | 18 | 6  |
| 2002208 | 180 | 8   | 35      | 24 | 6  |
| 2002210 | 200 | 3   | 40      | 12 | 4  |
| 2002212 | 200 | 3   | 40      | 18 | 6  |
| 2002214 | 200 | 3   | 40      | 24 | 6  |
| 2002216 | 200 | 3,5 | 40      | 12 | 4  |
| 2002218 | 200 | 3,5 | 40      | 18 | 6  |
| 2002220 | 200 | 3,5 | 40      | 24 | 6  |
| 2002222 | 200 | 4   | 40      | 12 | 4  |

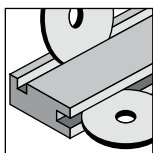
| CODE    | D   | S   | d (DKN) | Z  | Z1 |
|---------|-----|-----|---------|----|----|
| 2002224 | 200 | 4   | 40      | 18 | 6  |
| 2002226 | 200 | 4   | 40      | 24 | 6  |
| 2002228 | 200 | 4,2 | 40      | 24 | 6  |
| 2002230 | 200 | 4,5 | 40      | 12 | 4  |
| 2002232 | 200 | 4,5 | 40      | 18 | 6  |
| 2002234 | 200 | 4,5 | 40      | 24 | 6  |
| 2002236 | 200 | 5   | 40      | 12 | 4  |
| 2002238 | 200 | 5   | 40      | 18 | 6  |
| 2002240 | 200 | 5   | 40      | 24 | 6  |
| 2002242 | 200 | 6   | 40      | 12 | 4  |
| 2002244 | 200 | 6   | 40      | 18 | 6  |
| 2002246 | 200 | 6   | 40      | 24 | 6  |
| 2002248 | 200 | 8   | 40      | 12 | 4  |
| 2002250 | 200 | 8   | 40      | 18 | 6  |
| 2002252 | 200 | 8   | 40      | 24 | 6  |

**Tassello spigolatore registrabile per frese per canali (pag. 120) · Adjustable spur for grooving cutters (page 120)**



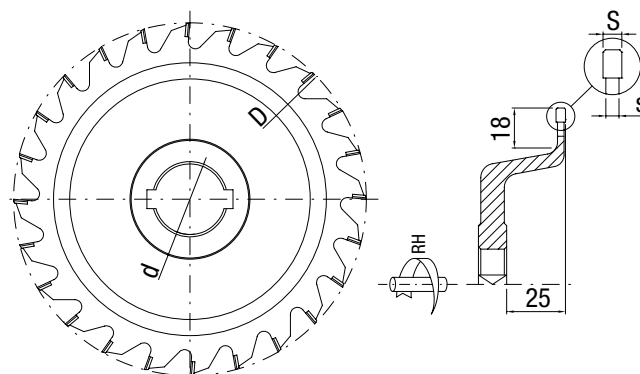
# FRESE PER CANALI FISSE

## Grooving Cutters



Utilizzabili per l'esecuzione di canali o scanalature su pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici o su aggregati di macchine CNC.  
Rotazione a favore o contro avanzamento.  
Geometria di taglio positiva.  
Corpo in acciaio rinforzato.  
Spigoli smussati per una maggior durata.  
Riserva affilatura 2,5 mm.

Used for grooving chipboard, MDF, with or without veneer, plastic coatings. Suitable for double end tenoners. With or against flow feed rotation. Positive tooth rake angle. Reinforced steel body. Beveled edges for a longer tool life. 2,5 mm PCD available for re-sharpening



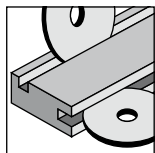
| CODE RH | CODE LH | D   | S   | d (DKN) | Z  |
|---------|---------|-----|-----|---------|----|
| 2001020 | 2001021 | 125 | 2,8 | 30      | 8  |
| 2001022 | 2001023 | 125 | 2,8 | 30      | 12 |
| 2001024 | 2001025 | 125 | 2,8 | 30      | 18 |
| 2001026 | 2001027 | 125 | 3   | 30      | 8  |
| 2001028 | 2001029 | 125 | 3   | 30      | 12 |
| 2001030 | 2001031 | 125 | 3   | 30      | 18 |
| 2001032 | 2001033 | 125 | 3,2 | 30      | 8  |
| 2001034 | 2001035 | 125 | 3,2 | 30      | 12 |
| 2001036 | 2001037 | 125 | 3,2 | 30      | 18 |
| 2001038 | 2001039 | 125 | 3,5 | 30      | 8  |
| 2001040 | 2001041 | 125 | 3,5 | 30      | 12 |
| 2001042 | 2001043 | 125 | 3,5 | 30      | 18 |
| 2001044 | 2001045 | 125 | 4   | 30      | 8  |
| 2001046 | 2001047 | 125 | 4   | 30      | 12 |
| 2001048 | 2001049 | 125 | 4   | 30      | 18 |
| 2001050 | 2001051 | 125 | 4,2 | 30      | 12 |
| 2001052 | 2001053 | 125 | 4,2 | 30      | 18 |
| 2001054 | 2001055 | 125 | 4,5 | 30      | 8  |
| 2001056 | 2001057 | 125 | 4,5 | 30      | 12 |
| 2001058 | 2001059 | 125 | 4,5 | 30      | 18 |
| 2001060 | 2001061 | 125 | 5   | 30      | 8  |
| 2001062 | 2001063 | 125 | 5   | 30      | 12 |

| CODE RH | CODE LH | D   | S   | d (DKN) | Z  |
|---------|---------|-----|-----|---------|----|
| 2001064 | 2001065 | 125 | 5   | 30      | 18 |
| 2001066 | 2001067 | 125 | 6   | 30      | 8  |
| 2001068 | 2001069 | 125 | 6   | 30      | 12 |
| 2001070 | 2001071 | 125 | 6   | 30      | 18 |
| 2001072 | 2001073 | 150 | 2,8 | 30      | 12 |
| 2001074 | 2001075 | 150 | 2,8 | 30      | 18 |
| 2001076 | 2001077 | 150 | 2,8 | 30      | 24 |
| 2001078 | 2001079 | 150 | 3   | 30      | 12 |
| 2001080 | 2001081 | 150 | 3   | 30      | 18 |
| 2001082 | 2001083 | 150 | 3   | 30      | 24 |
| 2001084 | 2001085 | 150 | 3,2 | 30      | 12 |
| 2001086 | 2001087 | 150 | 3,2 | 30      | 18 |
| 2001088 | 2001089 | 150 | 3,2 | 30      | 24 |
| 2001090 | 2001091 | 150 | 3,5 | 30      | 12 |
| 2001092 | 2001093 | 150 | 3,5 | 30      | 18 |
| 2001094 | 2001095 | 150 | 3,5 | 30      | 24 |
| 2001096 | 2001097 | 150 | 4   | 30      | 12 |
| 2001098 | 2001099 | 150 | 4   | 30      | 18 |
| 2001100 | 2001101 | 150 | 4   | 30      | 24 |
| 2001102 | 2001103 | 150 | 4,2 | 30      | 18 |
| 2001104 | 2001105 | 150 | 4,2 | 30      | 24 |
| 2001106 | 2001107 | 150 | 4,5 | 30      | 12 |
| 2001108 | 2001109 | 150 | 4,5 | 30      | 18 |
| 2001110 | 2001111 | 150 | 4,5 | 30      | 24 |
| 2001112 | 2001113 | 150 | 5   | 30      | 12 |
| 2001114 | 2001115 | 150 | 5   | 30      | 18 |
| 2001116 | 2001117 | 150 | 5   | 30      | 24 |
| 2001118 | 2001119 | 150 | 6   | 30      | 12 |
| 2001120 | 2001121 | 150 | 6   | 30      | 18 |
| 2001122 | 2001123 | 150 | 6   | 30      | 24 |
| 2001124 | 2001125 | 150 | 8   | 30      | 12 |
| 2001126 | 2001127 | 150 | 8   | 30      | 18 |
| 2001128 | 2001129 | 150 | 8   | 30      | 24 |
| 2001130 | 2001131 | 180 | 2,8 | 35      | 12 |
| 2001132 | 2001133 | 180 | 2,8 | 35      | 18 |
| 2001134 | 2001135 | 180 | 2,8 | 35      | 24 |
| 2001136 | 2001137 | 180 | 3   | 35      | 12 |
| 2001138 | 2001139 | 180 | 3   | 35      | 18 |
| 2001140 | 2001141 | 180 | 3   | 35      | 24 |
| 2001142 | 2001143 | 180 | 3,2 | 35      | 12 |
| 2001144 | 2001145 | 180 | 3,2 | 35      | 18 |
| 2001146 | 2001147 | 180 | 3,2 | 35      | 24 |
| 2001148 | 2001149 | 180 | 3,2 | 35      | 36 |
| 2001150 | 2001151 | 180 | 3,5 | 35      | 12 |
| 2001152 | 2001153 | 180 | 3,5 | 35      | 18 |
| 2001154 | 2001155 | 180 | 3,5 | 35      | 24 |
| 2001156 | 2001157 | 180 | 3,5 | 35      | 36 |
| 2001158 | 2001159 | 180 | 4   | 35      | 12 |
| 2001160 | 2001161 | 180 | 4   | 35      | 18 |
| 2001162 | 2001163 | 180 | 4   | 35      | 24 |

## FRESE PER CANALI FISSE

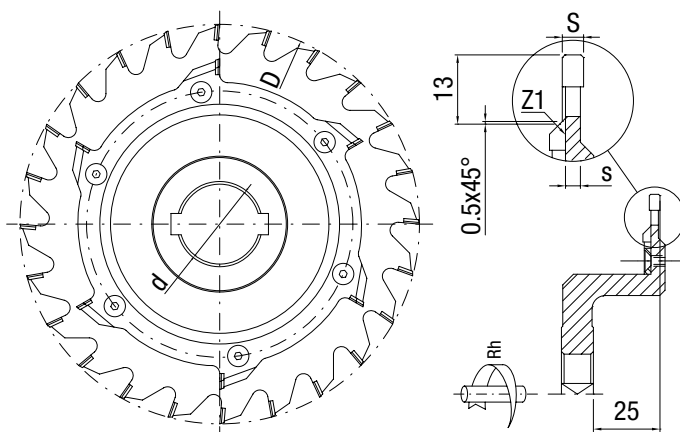
## Grooving Cutters

| CODE RH | CODE LH | D   | S   | d (DKN) | Z  |
|---------|---------|-----|-----|---------|----|
| 2001164 | 2001165 | 180 | 4   | 35      | 36 |
| 2001166 | 2001167 | 180 | 4,2 | 35      | 18 |
| 2001168 | 2001169 | 180 | 4,2 | 35      | 24 |
| 2001170 | 2001171 | 180 | 4,2 | 35      | 36 |
| 2001172 | 2001173 | 180 | 4,5 | 35      | 12 |
| 2001174 | 2001175 | 180 | 4,5 | 35      | 18 |
| 2001176 | 2001177 | 180 | 4,5 | 35      | 24 |
| 2001178 | 2001179 | 180 | 4,5 | 35      | 36 |
| 2001180 | 2001181 | 180 | 5   | 35      | 12 |
| 2001182 | 2001183 | 180 | 5   | 35      | 18 |
| 2001184 | 2001185 | 180 | 5   | 35      | 24 |
| 2001186 | 2001187 | 180 | 6   | 35      | 12 |
| 2001188 | 2001189 | 180 | 6   | 35      | 18 |
| 2001190 | 2001191 | 180 | 6   | 35      | 24 |
| 2001192 | 2001193 | 180 | 8   | 35      | 12 |
| 2001194 | 2001195 | 180 | 8   | 35      | 18 |
| 2001196 | 2001197 | 180 | 8   | 35      | 24 |
| 2001198 | 2001199 | 200 | 3   | 40      | 12 |
| 2001200 | 2001201 | 200 | 3   | 40      | 18 |
| 2001202 | 2001203 | 200 | 3   | 40      | 24 |
| 2001204 | 2001205 | 200 | 3,2 | 40      | 12 |
| 2001206 | 2001207 | 200 | 3,2 | 40      | 18 |
| 2001208 | 2001209 | 200 | 3,2 | 40      | 24 |
| 2001210 | 2001211 | 200 | 3,5 | 40      | 12 |
| 2001212 | 2001213 | 200 | 3,5 | 40      | 18 |
| 2001214 | 2001215 | 200 | 3,5 | 40      | 24 |
| 2001216 | 2001217 | 200 | 4   | 40      | 12 |
| 2001218 | 2001219 | 200 | 4   | 40      | 18 |
| 2001220 | 2001221 | 200 | 4   | 40      | 24 |
| 2001222 | 2001223 | 200 | 4,2 | 40      | 18 |
| 2001224 | 2001225 | 200 | 4,2 | 40      | 24 |
| 2001226 | 2001227 | 200 | 4,5 | 40      | 12 |
| 2001228 | 2001229 | 200 | 4,5 | 40      | 18 |
| 2001230 | 2001231 | 200 | 4,5 | 40      | 24 |
| 2001232 | 2001233 | 200 | 5   | 40      | 12 |
| 2001234 | 2001235 | 200 | 5   | 40      | 18 |
| 2001236 | 2001237 | 200 | 5   | 40      | 24 |
| 2001238 | 2001239 | 200 | 6   | 40      | 12 |
| 2001240 | 2001241 | 200 | 6   | 40      | 18 |
| 2001242 | 2001243 | 200 | 6   | 40      | 24 |
| 2001244 | 2001245 | 200 | 8   | 40      | 12 |
| 2001246 | 2001247 | 200 | 8   | 40      | 18 |
| 2001248 | 2001249 | 200 | 8   | 40      | 24 |



Utilizzabili per l'esecuzione di canali o scanalature su pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici o su aggregati di macchine CNC.  
Rotazione a favore o contro avanzamento.  
Geometria di taglio positiva.  
Corpo in acciaio rinforzato.  
Spigoli smussati per una maggior durata.  
Riserva affilatura 2,5 mm.

Used for grooving chipboard, MDF, with or without veneer, plastic coatings. Suitable for double end tenoners. With or against flow feed rotation. Positive tooth rake angle. Reinforced steel body. Beveled edges for a longer tool life. 2,5 mm PCD available for re-sharpening



| CODE RH | CODE LH | D   | S   | d (DKN) | Z  | Z1 |
|---------|---------|-----|-----|---------|----|----|
| 2003020 | 2003021 | 125 | 2,8 | 30      | 8  | 4  |
| 2003022 | 2003023 | 125 | 2,8 | 30      | 12 | 4  |
| 2003024 | 2003025 | 125 | 2,8 | 30      | 18 | 6  |
| 2003026 | 2003027 | 125 | 3   | 30      | 8  | 4  |
| 2003028 | 2003029 | 125 | 3   | 30      | 12 | 4  |
| 2003030 | 2003031 | 125 | 3   | 30      | 18 | 6  |
| 2003032 | 2003033 | 125 | 3,2 | 30      | 8  | 4  |
| 2003034 | 2003035 | 125 | 3,2 | 30      | 12 | 4  |
| 2003036 | 2003037 | 125 | 3,2 | 30      | 18 | 6  |
| 2003038 | 2003039 | 125 | 3,5 | 30      | 8  | 4  |
| 2003040 | 2003041 | 125 | 3,5 | 30      | 12 | 4  |
| 2003042 | 2003043 | 125 | 3,5 | 30      | 18 | 6  |
| 2003044 | 2003045 | 125 | 4   | 30      | 8  | 4  |
| 2003046 | 2003047 | 125 | 4   | 30      | 12 | 4  |
| 2003048 | 2003049 | 125 | 4   | 30      | 18 | 6  |
| 2003050 | 2003051 | 125 | 4,2 | 30      | 12 | 4  |
| 2003052 | 2003053 | 125 | 4,2 | 30      | 18 | 6  |
| 2003054 | 2003055 | 125 | 4,5 | 30      | 8  | 4  |
| 2003056 | 2003057 | 125 | 4,5 | 30      | 12 | 4  |
| 2003058 | 2003059 | 125 | 4,5 | 30      | 18 | 6  |
| 2003060 | 2003061 | 125 | 5   | 30      | 8  | 4  |
| 2003062 | 2003063 | 125 | 5   | 30      | 12 | 4  |

## FRESE PER CANALI FISSE

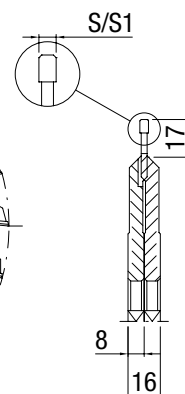
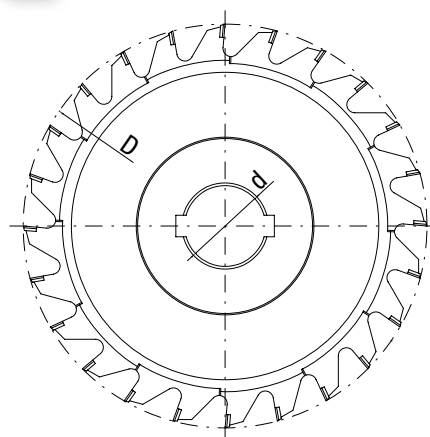
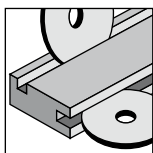
## Grooving Cutters

| CODE RH | CODE LH | D   | S   | d (DKN) | Z  | Z1 |
|---------|---------|-----|-----|---------|----|----|
| 2003064 | 2003065 | 125 | 5   | 30      | 18 | 6  |
| 2003066 | 2003067 | 125 | 6   | 30      | 8  | 4  |
| 2003068 | 2003069 | 125 | 6   | 30      | 12 | 4  |
| 2003070 | 2003071 | 125 | 6   | 30      | 18 | 6  |
| 2003072 | 2003073 | 150 | 2,8 | 30      | 12 | 4  |
| 2003074 | 2003075 | 150 | 2,8 | 30      | 18 | 6  |
| 2003076 | 2003077 | 150 | 2,8 | 30      | 24 | 6  |
| 2003078 | 2003079 | 150 | 3   | 30      | 12 | 4  |
| 2003080 | 2003081 | 150 | 3   | 30      | 18 | 6  |
| 2003082 | 2003083 | 150 | 3   | 30      | 24 | 6  |
| 2003084 | 2003085 | 150 | 3,2 | 30      | 12 | 4  |
| 2003086 | 2003087 | 150 | 3,2 | 30      | 18 | 6  |
| 2003088 | 2003089 | 150 | 3,2 | 30      | 24 | 6  |
| 2003090 | 2003091 | 150 | 3,5 | 30      | 12 | 4  |
| 2003092 | 2003093 | 150 | 3,5 | 30      | 18 | 6  |
| 2003094 | 2003095 | 150 | 3,5 | 30      | 24 | 6  |
| 2003096 | 2003097 | 150 | 4   | 30      | 12 | 4  |
| 2003098 | 2003099 | 150 | 4   | 30      | 18 | 6  |
| 2003100 | 2003101 | 150 | 4   | 30      | 24 | 6  |
| 2003102 | 2003103 | 150 | 4,2 | 30      | 18 | 6  |
| 2003104 | 2003105 | 150 | 4,2 | 30      | 24 | 6  |
| 2003106 | 2003107 | 150 | 4,5 | 30      | 12 | 4  |
| 2003108 | 2003109 | 150 | 4,5 | 30      | 18 | 6  |
| 2003110 | 2003111 | 150 | 4,5 | 30      | 24 | 6  |
| 2003112 | 2003113 | 150 | 5   | 30      | 12 | 4  |
| 2003114 | 2003115 | 150 | 5   | 30      | 18 | 6  |
| 2003116 | 2003117 | 150 | 5   | 30      | 24 | 6  |
| 2003118 | 2003119 | 150 | 6   | 30      | 12 | 4  |
| 2003120 | 2003121 | 150 | 6   | 30      | 18 | 6  |
| 2003122 | 2003123 | 150 | 6   | 30      | 24 | 6  |
| 2003124 | 2003125 | 150 | 8   | 30      | 12 | 4  |
| 2003126 | 2003127 | 150 | 8   | 30      | 18 | 6  |
| 2003128 | 2003129 | 150 | 8   | 30      | 24 | 6  |
| 2003130 | 2003131 | 180 | 2,8 | 35      | 12 | 4  |
| 2003132 | 2003133 | 180 | 2,8 | 35      | 18 | 6  |
| 2003134 | 2003135 | 180 | 2,8 | 35      | 24 | 6  |
| 2003136 | 2003137 | 180 | 3   | 35      | 12 | 4  |
| 2003138 | 2003139 | 180 | 3   | 35      | 18 | 6  |
| 2003140 | 2003141 | 180 | 3   | 35      | 24 | 6  |
| 2003142 | 2003143 | 180 | 3,2 | 35      | 12 | 4  |
| 2003144 | 2003145 | 180 | 3,2 | 35      | 18 | 6  |
| 2003146 | 2003147 | 180 | 3,2 | 35      | 24 | 6  |
| 2003148 | 2003149 | 180 | 3,5 | 35      | 12 | 4  |
| 2003150 | 2003151 | 180 | 3,5 | 35      | 18 | 6  |
| 2003152 | 2003153 | 180 | 3,5 | 35      | 24 | 6  |
| 2003154 | 2003155 | 180 | 4   | 35      | 12 | 4  |
| 2003156 | 2003157 | 180 | 4   | 35      | 18 | 6  |
| 2003158 | 2003159 | 180 | 4   | 35      | 24 | 6  |
| 2003160 | 2003161 | 180 | 4,2 | 35      | 18 | 6  |
| 2003162 | 2003163 | 180 | 4,2 | 35      | 24 | 6  |

| CODE RH | CODE LH | D   | S   | d (DKN) | Z  | Z1 |
|---------|---------|-----|-----|---------|----|----|
| 2003164 | 2003165 | 180 | 4,5 | 35      | 12 | 4  |
| 2003166 | 2003167 | 180 | 4,5 | 35      | 18 | 6  |
| 2003168 | 2003169 | 180 | 4,5 | 35      | 24 | 6  |
| 2003170 | 2003171 | 180 | 5   | 35      | 12 | 4  |
| 2003172 | 2003173 | 180 | 5   | 35      | 18 | 6  |
| 2003174 | 2003175 | 180 | 5   | 35      | 24 | 6  |
| 2003176 | 2003177 | 180 | 6   | 35      | 12 | 4  |
| 2003178 | 2003179 | 180 | 6   | 35      | 18 | 6  |
| 2003180 | 2003181 | 180 | 6   | 35      | 24 | 6  |
| 2003182 | 2003183 | 180 | 8   | 35      | 12 | 4  |
| 2003184 | 2003185 | 180 | 8   | 35      | 18 | 6  |
| 2003186 | 2003187 | 180 | 8   | 35      | 24 | 6  |
| 2003188 | 2003189 | 200 | 3   | 40      | 12 | 4  |
| 2003190 | 2003191 | 200 | 3   | 40      | 18 | 6  |
| 2003192 | 2003193 | 200 | 3   | 40      | 24 | 6  |
| 2003194 | 2003195 | 200 | 3,2 | 40      | 12 | 4  |
| 2003196 | 2003197 | 200 | 3,2 | 40      | 18 | 6  |
| 2003198 | 2003199 | 200 | 3,2 | 40      | 24 | 6  |
| 2003200 | 2003201 | 200 | 3,5 | 40      | 12 | 4  |
| 2003202 | 2003203 | 200 | 3,5 | 40      | 18 | 6  |
| 2003204 | 2003205 | 200 | 3,5 | 40      | 24 | 6  |
| 2003206 | 2003207 | 200 | 4   | 40      | 12 | 4  |
| 2003208 | 2003209 | 200 | 4   | 40      | 18 | 6  |
| 2003210 | 2003211 | 200 | 4   | 40      | 24 | 6  |
| 2003212 | 2003213 | 200 | 4,2 | 40      | 18 | 6  |
| 2003214 | 2003215 | 200 | 4,2 | 40      | 24 | 6  |
| 2003216 | 2003217 | 200 | 4,5 | 40      | 12 | 4  |
| 2003218 | 2003219 | 200 | 4,5 | 40      | 18 | 6  |
| 2003220 | 2003221 | 200 | 4,5 | 40      | 24 | 6  |
| 2003222 | 2003223 | 200 | 5   | 40      | 12 | 4  |
| 2003224 | 2003225 | 200 | 5   | 40      | 18 | 6  |
| 2003226 | 2003227 | 200 | 5   | 40      | 24 | 6  |
| 2003228 | 2003229 | 200 | 6   | 40      | 12 | 4  |
| 2003230 | 2003231 | 200 | 6   | 40      | 18 | 6  |
| 2003232 | 2003233 | 200 | 6   | 40      | 24 | 6  |
| 2003234 | 2003235 | 200 | 8   | 40      | 12 | 4  |
| 2003236 | 2003237 | 200 | 8   | 40      | 18 | 6  |
| 2003238 | 2003239 | 200 | 8   | 40      | 24 | 6  |

# FRESE PER CANALI REGISTRABILI

## Adjustable Grooving Cutters



Utilizzabili per l'esecuzione di canali o scanalature su pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici.  
Rotazione a favore o contro avanzamento.  
Geometria di taglio positiva.  
Registrabili tramite distanziali in acciaio rettificato.  
Corpo in acciaio rinforzato.  
Spigoli smussati per una maggior durata.  
Riserva affilatura 2,5 mm.

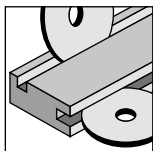
Used for grooving chipboard, MDF, with or without veneer, plastic coatings. Suitable for double end tenoners. With or against flow feed rotation. Positive tooth rake angle. Adjustable with steel spacers. Reinforced steel body. Beveled edges for a longer tool life. 2,5 mm PCD available for re-sharpening

| CODE    | D   | S   | S1  | d (DKN) | Z     |
|---------|-----|-----|-----|---------|-------|
| 2100020 | 80  | 3,2 | 5,5 | 20      | 6+6   |
| 2100022 | 100 | 3,2 | 5,5 | 30      | 6+6   |
| 2100024 | 100 | 3,2 | 5,5 | 30      | 8+8   |
| 2100026 | 100 | 6   | 11  | 30      | 8+8   |
| 2100028 | 125 | 3,2 | 5,5 | 30      | 6+6   |
| 2100030 | 125 | 3,2 | 5,5 | 30      | 8+8   |
| 2100032 | 125 | 3,2 | 5,5 | 30      | 12+12 |
| 2100034 | 125 | 4   | 7,5 | 30      | 6+6   |
| 2100036 | 125 | 4   | 7,5 | 30      | 8+8   |
| 2100038 | 125 | 4   | 7,5 | 30      | 12+12 |
| 2100040 | 125 | 6   | 11  | 30      | 12+12 |
| 2100042 | 150 | 3,2 | 5,5 | 30      | 6+6   |
| 2100044 | 150 | 3,2 | 5,5 | 30      | 8+8   |
| 2100046 | 150 | 3,2 | 5,5 | 30      | 12+12 |
| 2100048 | 150 | 4   | 7,5 | 30      | 6+6   |
| 2100050 | 150 | 4   | 7,5 | 30      | 8+8   |
| 2100052 | 150 | 4   | 7,5 | 30      | 12+12 |
| 2100054 | 150 | 6   | 11  | 30      | 12+12 |
| 2100056 | 180 | 3,2 | 5,5 | 35      | 8+8   |
| 2100058 | 180 | 3,2 | 5,5 | 35      | 12+12 |
| 2100060 | 180 | 3,2 | 5,5 | 35      | 18+18 |
| 2100062 | 180 | 4   | 7,5 | 35      | 8+8   |

| CODE    | D   | S   | S1  | d (DKN) | Z     |
|---------|-----|-----|-----|---------|-------|
| 2100064 | 180 | 4   | 7,5 | 35      | 12+12 |
| 2100066 | 180 | 4   | 7,5 | 35      | 18+18 |
| 2100068 | 180 | 6   | 11  | 35      | 12+12 |
| 2100070 | 200 | 3,2 | 5,5 | 40      | 8+8   |
| 2100072 | 200 | 3,2 | 5,5 | 40      | 12+12 |
| 2100074 | 200 | 3,2 | 5,5 | 40      | 18+18 |
| 2100076 | 200 | 4   | 7,5 | 40      | 8+8   |
| 2100078 | 200 | 4   | 7,5 | 40      | 12+12 |
| 2100080 | 200 | 4   | 7,5 | 40      | 18+18 |
| 2100082 | 200 | 6   | 11  | 40      | 18+18 |

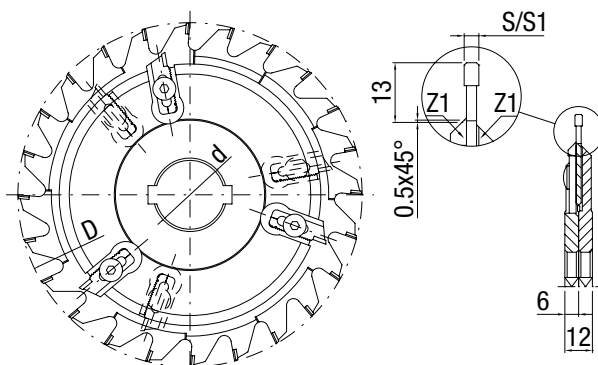
# FRESE PER CANALI REGISTRABILI E SPIGOLATORI

## Adjustable Grooving Cutters with Spur



Utilizzabili per l'esecuzione di canali o scanalature su pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici.  
 Rotazione a favore o contro avanzamento.  
 Geometria di taglio positiva.  
 Registrabili tramite distanziali in acciaio rettificato.  
 Corpo in acciaio rinforzato.  
 Spigoli smussati per una maggior durata.  
 Riserva affilatura 2,5 mm.

Used for grooving chipboard, MDF, with or without veneer, plastic coatings.  
 Suitable for double end tenoners.  
 With or against flow feed rotation  
 Positive tooth rake angle  
 Adjustable with steel spacers  
 Reinforced steel body  
 Beveled edges for a longer tool life  
 2,5 mm PCD available for re-sharpening



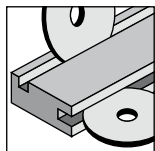
| CODE RH | D   | S   | S1  | d (DKN) | Z     | Z1 |
|---------|-----|-----|-----|---------|-------|----|
| 2102020 | 150 | 3,2 | 5,5 | 30      | 8+8   | 4  |
| 2102022 | 150 | 3,2 | 5,5 | 30      | 12+12 | 3  |
| 2102024 | 150 | 4   | 7,5 | 30      | 8+8   | 4  |
| 2102026 | 150 | 4   | 7,5 | 30      | 12+12 | 3  |
| 2102028 | 150 | 6   | 11  | 30      | 16+16 | 4  |
| 2102030 | 180 | 3,2 | 5,5 | 35      | 8+8   | 4  |
| 2102032 | 180 | 3,2 | 5,5 | 35      | 12+12 | 3  |
| 2102034 | 180 | 4   | 7,5 | 35      | 8+8   | 4  |
| 2102036 | 180 | 4   | 7,5 | 35      | 12+12 | 3  |
| 2102038 | 180 | 6   | 11  | 35      | 16+16 | 4  |
| 2102040 | 200 | 3,2 | 5,5 | 40      | 8+8   | 4  |
| 2102042 | 200 | 3,2 | 5,5 | 40      | 12+12 | 3  |
| 2102044 | 200 | 4   | 7,5 | 40      | 8+8   | 4  |
| 2102046 | 200 | 4   | 7,5 | 40      | 12+12 | 3  |
| 2102048 | 200 | 4   | 7,5 | 40      | 18+18 | 3  |
| 2102050 | 200 | 6   | 11  | 40      | 18+18 | 3  |

Tassello spigolatore registrabile per frese per canali (pag. 120) · Adjustable spur for grooving cutters (page 120)



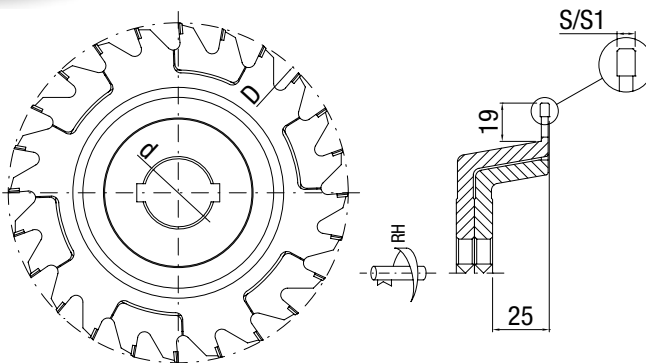
# FRESE PER CANALI REGISTRABILI

## Adjustable Grooving Cutters



Utilizzabili per l'esecuzione di canali o scanalature su pannelli in Truciolare, MDF, rivestiti e non, laminati plastici. Utilizzabili su macchine squadratrici.  
Rotazione a favore o contro avanzamento.  
Geometria di taglio positiva.  
Registrabili tramite distanziali in acciaio rettificato.  
Corpo in acciaio rinforzato.  
Spigoli smussati per una maggior durata.  
Riserva affilatura 2,5 mm.

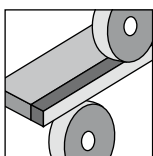
Used for grooving chipboard, MDF, with or without veneer, plastic coatings.  
Suitable for double end tenoners.  
With or against flow feed rotation  
Positive tooth rake angle  
Adjustable with steel spacers  
Reinforced steel body  
Beveled edges for a longer tool life  
2,5 mm PCD available for re-sharpening



| CODE RH | CODE LH | D   | S   | S1  | d (DKN) | Z     |
|---------|---------|-----|-----|-----|---------|-------|
| 2101020 | 2101021 | 125 | 3,2 | 5,5 | 30      | 6+6   |
| 2101022 | 2101023 | 125 | 3,2 | 5,5 | 30      | 8+8   |
| 2101024 | 2101025 | 125 | 3,2 | 5,5 | 30      | 12+12 |
| 2101026 | 2101027 | 125 | 4   | 7,5 | 30      | 6+6   |
| 2101028 | 2101029 | 125 | 4   | 7,5 | 30      | 8+8   |
| 2101030 | 2101031 | 125 | 4   | 7,5 | 30      | 12+12 |
| 2101032 | 2101033 | 125 | 6   | 11  | 30      | 12+12 |
| 2101034 | 2101035 | 150 | 3,2 | 5,5 | 30      | 6+6   |
| 2101036 | 2101037 | 150 | 3,2 | 5,5 | 30      | 8+8   |
| 2101038 | 2101039 | 150 | 3,2 | 5,5 | 30      | 12+12 |
| 2101040 | 2101041 | 150 | 4   | 7,5 | 30      | 6+6   |
| 2101042 | 2101043 | 150 | 4   | 7,5 | 30      | 8+8   |
| 2101044 | 2101045 | 150 | 4   | 7,5 | 30      | 12+12 |
| 2101046 | 2101047 | 150 | 6   | 11  | 30      | 12+12 |
| 2101048 | 2101049 | 180 | 3,2 | 5,5 | 35      | 8+8   |
| 2101050 | 2101051 | 180 | 3,2 | 5,5 | 35      | 12+12 |
| 2101052 | 2101053 | 180 | 4   | 7,5 | 35      | 8+8   |
| 2101054 | 2101055 | 180 | 4   | 7,5 | 35      | 12+12 |
| 2101056 | 2101057 | 180 | 4   | 7,5 | 35      | 18+18 |
| 2101058 | 2101059 | 180 | 6   | 11  | 35      | 18+18 |
| 2101060 | 2101061 | 200 | 3,2 | 5,5 | 40      | 8+8   |
| 2101062 | 2101063 | 200 | 3,2 | 5,5 | 40      | 12+12 |
| 2101064 | 2101065 | 200 | 4   | 7,5 | 40      | 8+8   |
| 2101066 | 2101067 | 200 | 4   | 7,5 | 40      | 12+12 |
| 2101068 | 2101069 | 200 | 4   | 7,5 | 40      | 18+18 |
| 2101070 | 2101071 | 200 | 6   | 11  | 40      | 18+18 |

# FRESE PER BORDATRICE PIANE

## Edge Banding Cutters



Utilizzate nella finitura dei bordi dei pannelli. Utilizzabili su macchine bordatrici.  
La forma del corpo ne permette una veloce evacuazione del truciolo.  
Il modello **TWIST** è particolarmente indicato per lavorazioni che richiedono la massima capacità di evacuazione con la migliore finitura superficiale.  
Adatte alle principali macchine sul mercato.  
Rotazione contro avanzamento.  
Angolo assiale.  
Placchette in diamante lucido.  
Ottima finitura grazie alla micro finitura.  
L'interfaccia HSK permette una migliore finitura grazie ad un miglior accoppiamento con l'albero motore.  
Rpm Max 24.000.

Used on edgebanding machines for flush trimming, chamfering and profiling of wood-veneer and plastic edge bands. Body shape grants a quick chip evacuation.

**TWIST** model is recommended when maximum chip evacuation is needed with the best superficial finishing.

Fits most common machines in the market.

Against flow feed rotation.

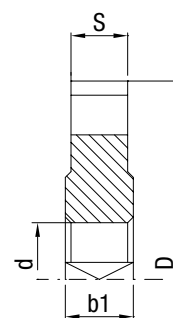
Tips axial angle.

Polished PCD.

High grade finishing thanks to micro-finish sharpening HSK holder grants perfect coupling with drive shaft giving best quality end product.  
RPM Max 24000.

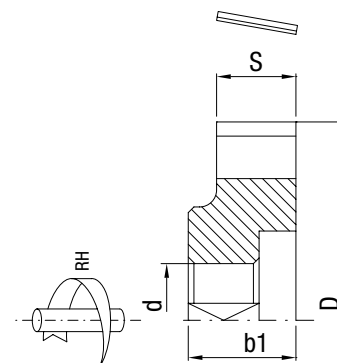
### Mod. DKN 16/20

| CODE    | D  | S  | b1 | d        | Z |
|---------|----|----|----|----------|---|
| 2200020 | 50 | 10 | 12 | 16 (dkn) | 3 |
| 2200022 | 61 | 10 | 12 | 16 (dkn) | 4 |
| 2200024 | 61 | 10 | 12 | 20 (dkn) | 4 |
| 2200026 | 70 | 10 | 12 | 16 (dkn) | 4 |
| 2200028 | 70 | 10 | 12 | 16 (dkn) | 6 |
| 2200034 | 70 | 10 | 12 | 20 (dkn) | 4 |
| 2200036 | 70 | 10 | 12 | 20 (dkn) | 6 |



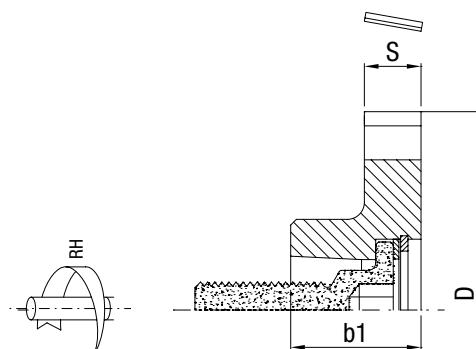
### Mod. DKN 16/20 decentrata / decentered

| CODE RH | CODE LH | D  | S  | b1 | d        | Z |
|---------|---------|----|----|----|----------|---|
| 2200030 | 2200031 | 70 | 14 | 19 | 16 (dkn) | 4 |
| 2200032 | 2200033 | 70 | 14 | 19 | 16 (dkn) | 6 |
| 2200038 | 2200039 | 70 | 14 | 19 | 20 (dkn) | 4 |
| 2200040 | 2200041 | 70 | 14 | 19 | 20 (dkn) | 6 |
| 2200046 | 2200047 | 80 | 14 | 19 | 16 (dkn) | 4 |
| 2200048 | 2200049 | 80 | 14 | 19 | 16 (dkn) | 6 |



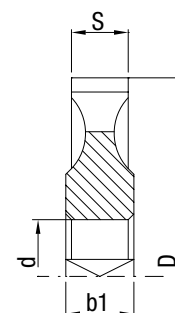
### Mod. HSK25R

| CODE RH | CODE LH | D  | S  | b1 | d      | Z |
|---------|---------|----|----|----|--------|---|
| 2200042 | 2200043 | 70 | 10 | 23 | HSK25R | 4 |
| 2200044 | 2200045 | 70 | 10 | 23 | HSK25R | 6 |



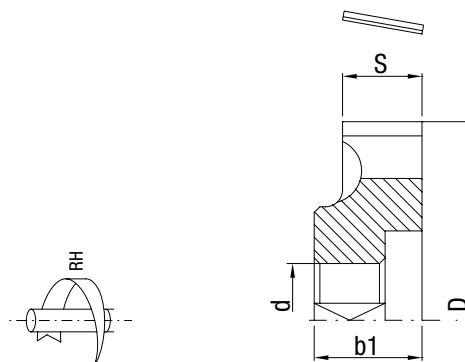
### Mod. DKN 16/20 TWIST

| CODE    | D  | S  | b1 | d        | Z |
|---------|----|----|----|----------|---|
| 2201020 | 50 | 10 | 12 | 16 (dkn) | 3 |
| 2201022 | 61 | 10 | 12 | 16 (dkn) | 4 |
| 2201024 | 61 | 10 | 12 | 20 (dkn) | 4 |
| 2201026 | 70 | 10 | 12 | 16 (dkn) | 4 |
| 2201028 | 70 | 10 | 12 | 16 (dkn) | 6 |
| 2201034 | 70 | 10 | 12 | 20 (dkn) | 4 |
| 2201036 | 70 | 10 | 12 | 20 (dkn) | 6 |



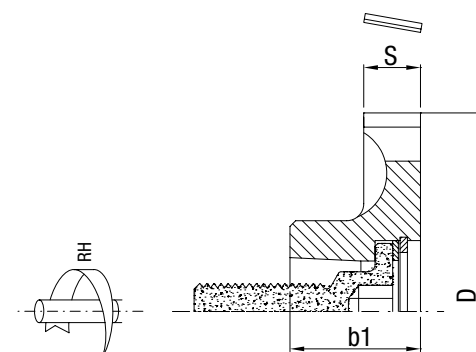
### Mod. DKN 16/20 decentrata / decentered TWIST

| CODE RH | CODE LH | D  | S  | b1 | d        | Z |
|---------|---------|----|----|----|----------|---|
| 2201030 | 2201031 | 70 | 14 | 19 | 16 (dkn) | 4 |
| 2201032 | 2201033 | 70 | 14 | 19 | 16 (dkn) | 6 |
| 2201038 | 2201039 | 70 | 14 | 19 | 20 (dkn) | 4 |
| 2201040 | 2201041 | 70 | 14 | 19 | 20 (dkn) | 6 |
| 2201046 | 2201047 | 80 | 14 | 19 | 16 (dkn) | 4 |
| 2201048 | 2201049 | 80 | 14 | 19 | 16 (dkn) | 6 |



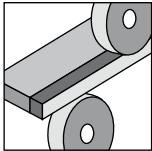
### Mod. HSK25R TWIST

| CODE RH | CODE LH | D  | S  | b1 | d      | Z |
|---------|---------|----|----|----|--------|---|
| 2201042 | 2201043 | 70 | 10 | 23 | HSK25R | 4 |
| 2201044 | 2201045 | 70 | 10 | 23 | HSK25R | 6 |



# FRESE PER BORDATRICE INCLINATE

## Bevelled Edge Banding Cutters



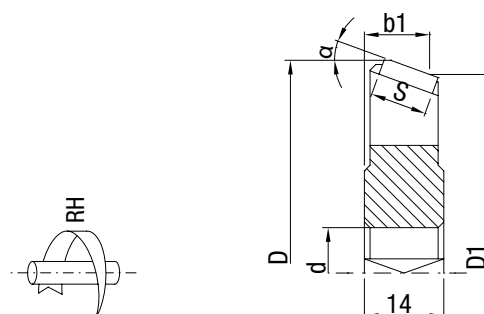
Utilizzate nella finitura dei bordi dei pannelli. Utilizzabili su macchine bordatrici.  
La forma del corpo ne permette una veloce evacuazione del truciolo.  
Il modello **TWIST** è particolarmente indicato per lavorazioni che richiedono la massima capacità di evacuazione con la migliore finitura superficiale.  
Adatte alle principali macchine sul mercato.  
Rotazione contro avanzamento.  
Angolo assiale.  
Placchette in diamante lucido.  
Ottima finitura grazie alla micro finitura.  
L'interfaccia HSK permette una migliore finitura grazie ad un miglior accoppiamento con l'albero motore.  
Rpm Max 24.000.

Used on edgebanding machines for flush trimming, chamfering and profiling of wood-veneer and plastic edge bands. Body shape grants a quick chip evacuation.

**TWIST** model is recommended when maximum chip evacuation is needed with the best superficial finishing.  
Fits most common machines in the market.  
Against flow feed rotation.  
Tips axial angle.  
Polished PCD.  
High grade finishing thanks to micro-finish sharpening HSK holder grants perfect coupling with drive shaft giving best quality end product.  
RPM Max 24000.

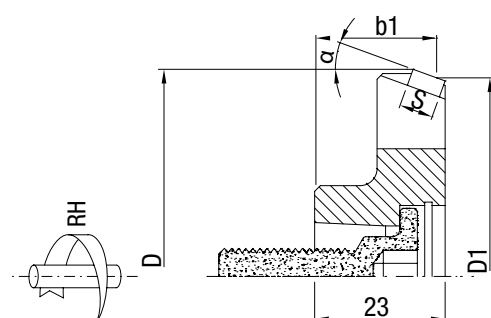
## Mod. DKN 16/20

| CODE RH | CODE LH | D  | D1 | S  | b1   | $\alpha$ | d     | Z |
|---------|---------|----|----|----|------|----------|-------|---|
| 2400020 | 2400021 | 67 | 62 | 10 | 11,5 | 20°      | 16DKN | 4 |
| 2400022 | 2400023 | 73 | 62 | 10 | 11,5 | 45°      | 16DKN | 4 |
| 2400024 | 2400025 | 67 | 62 | 10 | 11,5 | 20°      | 16DKN | 6 |
| 2400026 | 2400027 | 73 | 62 | 10 | 11,5 | 45°      | 16DKN | 6 |
| 2400028 | 2400029 | 67 | 62 | 10 | 11,5 | 20°      | 20DKN | 6 |
| 2400030 | 2400031 | 73 | 62 | 10 | 11,5 | 45°      | 20DKN | 6 |
| 2400032 | 2400033 | 75 | 70 | 10 | 11,5 | 20°      | 16DKN | 4 |
| 2400034 | 2400035 | 81 | 70 | 10 | 11,5 | 45°      | 16DKN | 4 |
| 2400036 | 2400037 | 75 | 70 | 10 | 11,5 | 20°      | 16DKN | 6 |
| 2400038 | 2400039 | 81 | 70 | 10 | 11,5 | 45°      | 16DKN | 6 |
| 2400040 | 2400041 | 75 | 70 | 10 | 11,5 | 20°      | 20DKN | 6 |
| 2400042 | 2400043 | 81 | 70 | 10 | 11,5 | 45°      | 20DKN | 6 |



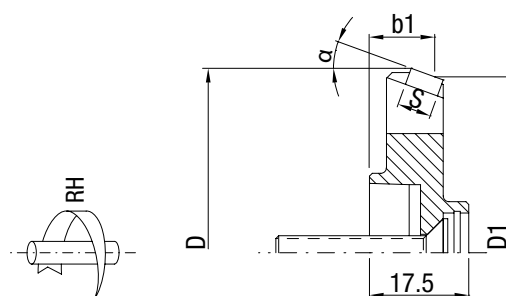
## Mod. HSK25R

| CODE RH | CODE LH | D    | D1 | S | b1   | $\alpha$ | d      | Z |
|---------|---------|------|----|---|------|----------|--------|---|
| 2400044 | 2400045 | 70,8 | 70 | 6 | 21,5 | 5°       | HSK25R | 4 |
| 2400046 | 2400047 | 73   | 70 | 6 | 21,5 | 20°      | HSK25R | 4 |
| 2400048 | 2400049 | 74,3 | 70 | 6 | 21,5 | 30°      | HSK25R | 4 |
| 2400050 | 2400051 | 75,5 | 70 | 6 | 21,5 | 45°      | HSK25R | 4 |
| 2400052 | 2400053 | 70,8 | 70 | 6 | 21,5 | 5°       | HSK25R | 6 |
| 2400054 | 2400055 | 73   | 70 | 6 | 21,5 | 20°      | HSK25R | 6 |
| 2400056 | 2400057 | 74,3 | 70 | 6 | 21,5 | 30°      | HSK25R | 6 |
| 2400058 | 2400059 | 75,5 | 70 | 6 | 11,5 | 45°      | HSK25R | 6 |



## Mod. HSK32

| CODE RH | CODE LH | D    | D1 | S | b1   | $\alpha$ | d     | Z |
|---------|---------|------|----|---|------|----------|-------|---|
| 2400060 | 2400061 | 62,8 | 62 | 6 | 11,5 | 5°       | HSK32 | 4 |
| 2400062 | 2400063 | 65   | 62 | 6 | 11,5 | 20°      | HSK32 | 4 |
| 2400064 | 2400065 | 66,3 | 62 | 6 | 11,5 | 30°      | HSK32 | 4 |
| 2400066 | 2400067 | 67,5 | 62 | 6 | 11,5 | 45°      | HSK32 | 4 |
| 2400068 | 2400069 | 62,8 | 62 | 6 | 11,5 | 5°       | HSK32 | 6 |
| 2400070 | 2400071 | 65   | 62 | 6 | 11,5 | 20°      | HSK32 | 6 |
| 2400072 | 2400073 | 66,3 | 62 | 6 | 11,5 | 30°      | HSK32 | 6 |
| 2400074 | 2400075 | 67,5 | 62 | 6 | 11,5 | 45°      | HSK32 | 6 |

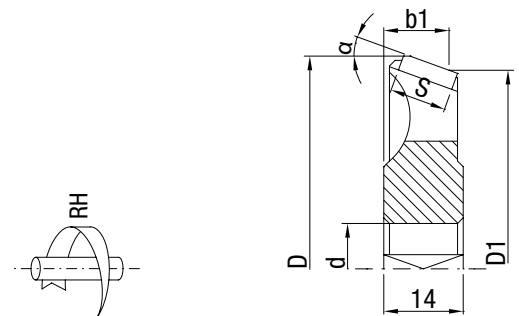


# FRESE PER BORDATRICE INCLINATE

## Bevelled Edge Banding Cutters

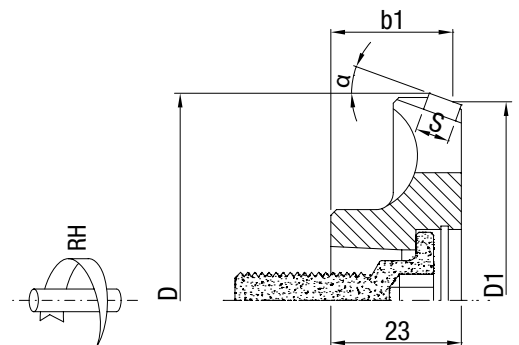
Mod. DKN 16/20 TWIST

| CODE RH | CODE LH | D  | D1 | S  | b1   | $\alpha$ | d     | Z |
|---------|---------|----|----|----|------|----------|-------|---|
| 2401020 | 2401021 | 67 | 62 | 10 | 11,5 | 20°      | 16DKN | 4 |
| 2401022 | 2401023 | 73 | 62 | 10 | 11,5 | 45°      | 16DKN | 4 |
| 2401024 | 2401025 | 67 | 62 | 10 | 11,5 | 20°      | 16DKN | 6 |
| 2401026 | 2401027 | 73 | 62 | 10 | 11,5 | 45°      | 16DKN | 6 |
| 2401028 | 2401029 | 67 | 62 | 10 | 11,5 | 20°      | 20DKN | 6 |
| 2401030 | 2401031 | 73 | 62 | 10 | 11,5 | 45°      | 20DKN | 6 |
| 2401032 | 2401033 | 75 | 70 | 10 | 11,5 | 20°      | 16DKN | 4 |
| 2401034 | 2401035 | 81 | 70 | 10 | 11,5 | 45°      | 16DKN | 4 |
| 2401036 | 2401037 | 75 | 70 | 10 | 11,5 | 20°      | 16DKN | 6 |
| 2401038 | 2401039 | 81 | 70 | 10 | 11,5 | 45°      | 16DKN | 6 |
| 2401040 | 2401041 | 75 | 70 | 10 | 11,5 | 20°      | 20DKN | 6 |
| 2401042 | 2401043 | 81 | 70 | 10 | 11,5 | 45°      | 20DKN | 6 |



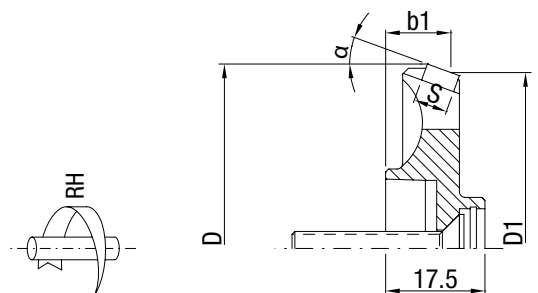
Mod. HSK25R TWIST

| CODE RH | CODE LH | D    | D1 | S | b1   | $\alpha$ | d      | Z |
|---------|---------|------|----|---|------|----------|--------|---|
| 2401044 | 2401045 | 70,8 | 70 | 6 | 21,5 | 5°       | HSK25R | 4 |
| 2401046 | 2401047 | 73   | 70 | 6 | 21,5 | 20°      | HSK25R | 4 |
| 2401048 | 2401049 | 74,3 | 70 | 6 | 21,5 | 30°      | HSK25R | 4 |
| 2401050 | 2401051 | 75,5 | 70 | 6 | 21,5 | 45°      | HSK25R | 4 |
| 2401052 | 2401053 | 70,8 | 70 | 6 | 21,5 | 5°       | HSK25R | 6 |
| 2401054 | 2401055 | 73   | 70 | 6 | 21,5 | 20°      | HSK25R | 6 |
| 2401056 | 2401057 | 74,3 | 70 | 6 | 21,5 | 30°      | HSK25R | 6 |
| 2401058 | 2401059 | 75,5 | 70 | 6 | 11,5 | 45°      | HSK25R | 6 |



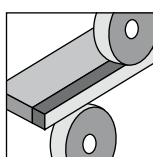
Mod. HSK32 TWIST

| CODE RH | CODE LH | D    | D1 | S | b1   | $\alpha$ | d     | Z |
|---------|---------|------|----|---|------|----------|-------|---|
| 2401060 | 2401061 | 62,8 | 62 | 6 | 11,5 | 5°       | HSK32 | 4 |
| 2401062 | 2401063 | 65   | 62 | 6 | 11,5 | 20°      | HSK32 | 4 |
| 2401064 | 2401065 | 66,3 | 62 | 6 | 11,5 | 30°      | HSK32 | 4 |
| 2401066 | 2401067 | 67,5 | 62 | 6 | 11,5 | 45°      | HSK32 | 4 |
| 2401068 | 2401069 | 62,8 | 62 | 6 | 11,5 | 5°       | HSK32 | 6 |
| 2401070 | 2401071 | 65   | 62 | 6 | 11,5 | 20°      | HSK32 | 6 |
| 2401072 | 2401073 | 66,3 | 62 | 6 | 11,5 | 30°      | HSK32 | 6 |
| 2401074 | 2401075 | 67,5 | 62 | 6 | 11,5 | 45°      | HSK32 | 6 |



# FRESE PER BORDATRICE RAGGIATE

## Beveling Edge Banding Cutter Heads



Utilizzate nella finitura raggiata dei bordi dei pannelli. Utilizzabili su macchine bordatrici. La forma del corpo ne permette una veloce evacuazione del truciolo. Il modello **TWIST** è particolarmente indicato per lavorazioni che richiedono la massima capacità di evacuazione con la migliore finitura superficiale.

Adatte alle principali macchine sul mercato.

Rotazione contro avanzamento.

Angolo assiale.

Placchette in diamante lucido.

Ottima finitura grazie alla micro finitura.

L'interfaccia HSK permette una migliore finitura grazie ad un miglior accoppiamento con l'albero motore.

Rpm Max 24.000.

Used on edgebanding machines for flush trimming, chamfering and profiling of wood-veneer and plastic edge bands. Body shape grants a quick chip evacuation.

**TWIST** model is recommended when maximum chip evacuation is needed with the best superficial finishing.

Fits most common machines in the market.

Against flow feed rotation.

Tips axial angle.

Polished PCD.

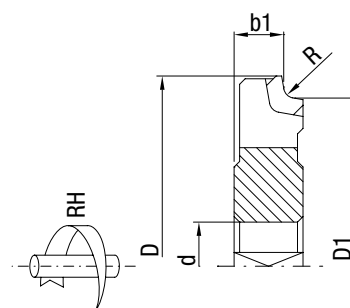
High grade finishing thanks to micro-finishing sharpening.

HSK holder grants perfect coupling with drive shaft giving best quality end product.

RPM Max 24000.

### Mod. DKN 16/20

| CODE RH | CODE LH | D  | D1 | b1 | R   | d     | Z |
|---------|---------|----|----|----|-----|-------|---|
| 2300020 | 2300021 | 67 | 61 | 9  | 1   | 16DKN | 4 |
| 2300022 | 2300023 | 68 | 61 | 9  | 1,5 | 16DKN | 4 |
| 2300024 | 2300025 | 69 | 61 | 9  | 2   | 16DKN | 4 |
| 2300026 | 2300027 | 70 | 61 | 9  | 2,5 | 16DKN | 4 |
| 2300028 | 2300029 | 71 | 61 | 9  | 3   | 16DKN | 4 |
| 2300120 | 2300121 | 67 | 61 | 9  | 1   | 16DKN | 6 |
| 2300122 | 2300123 | 68 | 61 | 9  | 1,5 | 16DKN | 6 |
| 2300124 | 2300125 | 69 | 61 | 9  | 2   | 16DKN | 6 |
| 2300126 | 2300127 | 70 | 61 | 9  | 2,5 | 16DKN | 6 |
| 2300128 | 2300129 | 71 | 61 | 9  | 3   | 16DKN | 6 |
| 2300220 | 2300221 | 76 | 70 | 9  | 1   | 16DKN | 4 |
| 2300222 | 2300223 | 77 | 70 | 9  | 1,5 | 16DKN | 4 |
| 2300224 | 2300225 | 78 | 70 | 9  | 2   | 16DKN | 4 |
| 2300226 | 2300227 | 79 | 70 | 9  | 2,5 | 16DKN | 4 |
| 2300228 | 2300229 | 80 | 70 | 9  | 3   | 16DKN | 4 |
| 2300320 | 2300321 | 76 | 70 | 9  | 1   | 16DKN | 6 |
| 2300322 | 2300323 | 77 | 70 | 9  | 1,5 | 16DKN | 6 |
| 2300324 | 2300325 | 78 | 70 | 9  | 2   | 16DKN | 6 |
| 2300326 | 2300327 | 79 | 70 | 9  | 2,5 | 16DKN | 6 |
| 2300328 | 2300329 | 80 | 70 | 9  | 3   | 16DKN | 6 |
| 2301020 | 2301021 | 67 | 61 | 9  | 1   | 20DKN | 4 |
| 2301022 | 2301023 | 68 | 61 | 9  | 1,5 | 20DKN | 4 |

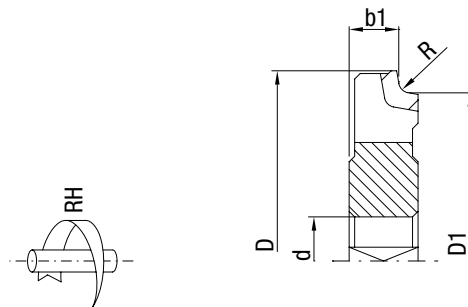


# FRESE PER BORDATRICE RAGGIATE

## Radius Edge Banding Cutters

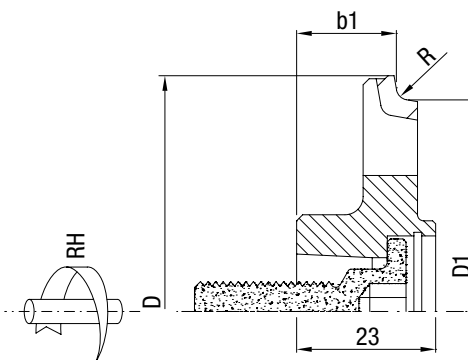
Mod. DKN 16/20

| CODE RH | CODE LH | D  | D1 | b1 | R   | d     | Z |
|---------|---------|----|----|----|-----|-------|---|
| 2301024 | 2301025 | 69 | 61 | 9  | 2   | 20DKN | 4 |
| 2301026 | 2301027 | 70 | 61 | 9  | 2,5 | 20DKN | 4 |
| 2301028 | 2301029 | 71 | 61 | 9  | 3   | 20DKN | 4 |
| 2301120 | 2301121 | 67 | 61 | 9  | 1   | 20DKN | 6 |
| 2301122 | 2301123 | 68 | 61 | 9  | 1,5 | 20DKN | 6 |
| 2301124 | 2301125 | 69 | 61 | 9  | 2   | 20DKN | 6 |
| 2301126 | 2301127 | 70 | 61 | 9  | 2,5 | 20DKN | 6 |
| 2301128 | 2301129 | 71 | 61 | 9  | 3   | 20DKN | 6 |
| 2301220 | 2301221 | 76 | 70 | 9  | 1   | 20DKN | 4 |
| 2301222 | 2301223 | 77 | 70 | 9  | 1,5 | 20DKN | 4 |
| 2301224 | 2301225 | 78 | 70 | 9  | 2   | 20DKN | 4 |
| 2301226 | 2301227 | 79 | 70 | 9  | 2,5 | 20DKN | 4 |
| 2301228 | 2301229 | 80 | 70 | 9  | 3   | 20DKN | 4 |
| 2301320 | 2301321 | 76 | 70 | 9  | 1   | 20DKN | 6 |
| 2301322 | 2301323 | 77 | 70 | 9  | 1,5 | 20DKN | 6 |
| 2301324 | 2301325 | 78 | 70 | 9  | 2   | 20DKN | 6 |
| 2301326 | 2301327 | 79 | 70 | 9  | 2,5 | 20DKN | 6 |
| 2301328 | 2301329 | 80 | 70 | 9  | 3   | 20DKN | 6 |



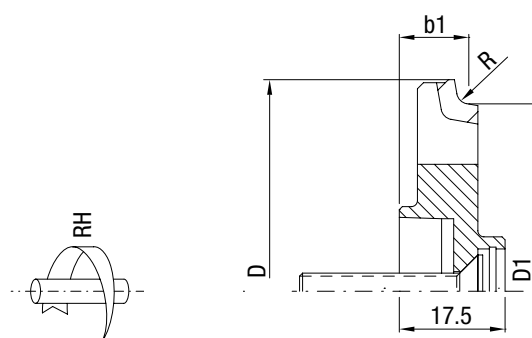
Mod. HSK25R

| CODE RH | CODE LH | D  | D1 | b1   | R   | d      | Z |
|---------|---------|----|----|------|-----|--------|---|
| 2302020 | 2302021 | 76 | 70 | 16,5 | 1   | HSK25R | 4 |
| 2302022 | 2302023 | 77 | 70 | 16,5 | 1,5 | HSK25R | 4 |
| 2302024 | 2302025 | 78 | 70 | 16,5 | 2   | HSK25R | 4 |
| 2302026 | 2302027 | 79 | 70 | 16,5 | 2,5 | HSK25R | 4 |
| 2302028 | 2302029 | 80 | 70 | 16,5 | 3   | HSK25R | 4 |
| 2302030 | 2302031 | 82 | 70 | 16,5 | 4   | HSK25R | 4 |
| 2302032 | 2302033 | 84 | 70 | 16,5 | 5   | HSK25R | 4 |
| 2302120 | 2302121 | 76 | 70 | 16,5 | 1   | HSK25R | 6 |
| 2302122 | 2302123 | 77 | 70 | 16,5 | 1,5 | HSK25R | 6 |
| 2302124 | 2302125 | 78 | 70 | 16,5 | 2   | HSK25R | 6 |
| 2302126 | 2302127 | 79 | 70 | 16,5 | 2,5 | HSK25R | 6 |
| 2302128 | 2302129 | 80 | 70 | 16,5 | 3   | HSK25R | 6 |
| 2302130 | 2302131 | 82 | 70 | 16,5 | 4   | HSK25R | 6 |
| 2302132 | 2302133 | 84 | 70 | 16,5 | 5   | HSK25R | 6 |
| 2302220 | 2302221 | 76 | 70 | 16,5 | 1   | HSK25R | 8 |
| 2302222 | 2302223 | 77 | 70 | 16,5 | 1,5 | HSK25R | 8 |
| 2302224 | 2302225 | 78 | 70 | 16,5 | 2   | HSK25R | 8 |
| 2302226 | 2302227 | 79 | 70 | 16,5 | 2,5 | HSK25R | 8 |
| 2302228 | 2302229 | 80 | 70 | 16,5 | 3   | HSK25R | 8 |
| 2302230 | 2302231 | 82 | 70 | 16,5 | 4   | HSK25R | 8 |
| 2302232 | 2302233 | 84 | 70 | 16,5 | 5   | HSK25R | 8 |



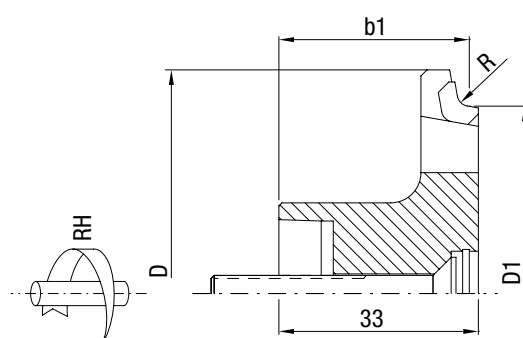
## Mod. HSK32 L 17,5

| CODE RH | CODE LH | D  | D1 | b1   | R   | d     | Z |
|---------|---------|----|----|------|-----|-------|---|
| 2303020 | 2303021 | 68 | 62 | 11,5 | 1   | HSK32 | 4 |
| 2303022 | 2303023 | 69 | 62 | 11,5 | 1,5 | HSK32 | 4 |
| 2303024 | 2303025 | 70 | 62 | 11,5 | 2   | HSK32 | 4 |
| 2303026 | 2303027 | 71 | 62 | 11,5 | 2,5 | HSK32 | 4 |
| 2303028 | 2303029 | 72 | 62 | 11,5 | 3   | HSK32 | 4 |
| 2303030 | 2303031 | 73 | 62 | 11,5 | 4   | HSK32 | 4 |
| 2303032 | 2303033 | 74 | 62 | 11,5 | 5   | HSK32 | 4 |
| 2303120 | 2303121 | 68 | 62 | 11,5 | 1   | HSK32 | 6 |
| 2303122 | 2303123 | 69 | 62 | 11,5 | 1,5 | HSK32 | 6 |
| 2303124 | 2303125 | 70 | 62 | 11,5 | 2   | HSK32 | 6 |
| 2303126 | 2303127 | 71 | 62 | 11,5 | 2,5 | HSK32 | 6 |
| 2303128 | 2303129 | 72 | 62 | 11,5 | 3   | HSK32 | 6 |
| 2303130 | 2303131 | 73 | 62 | 11,5 | 4   | HSK32 | 6 |
| 2303132 | 2303133 | 74 | 62 | 11,5 | 5   | HSK32 | 6 |
| 2303220 | 2303221 | 68 | 62 | 11,5 | 1   | HSK32 | 8 |
| 2303222 | 2303223 | 69 | 62 | 11,5 | 1,5 | HSK32 | 8 |
| 2303224 | 2303225 | 70 | 62 | 11,5 | 2   | HSK32 | 8 |
| 2303226 | 2303227 | 71 | 62 | 11,5 | 2,5 | HSK32 | 8 |
| 2303228 | 2303229 | 72 | 62 | 11,5 | 3   | HSK32 | 8 |
| 2303230 | 2303231 | 73 | 62 | 11,5 | 4   | HSK32 | 8 |
| 2303232 | 2303233 | 74 | 62 | 11,5 | 5   | HSK32 | 8 |



## Mod. HSK32 L 33

| CODE RH | CODE LH | D  | D1 | b1   | R   | d     | Z |
|---------|---------|----|----|------|-----|-------|---|
| 2304020 | 2304021 | 72 | 62 | 31,5 | 1   | HSK32 | 4 |
| 2304022 | 2304023 | 73 | 62 | 31,5 | 1,5 | HSK32 | 4 |
| 2304024 | 2304025 | 74 | 62 | 31,5 | 2   | HSK32 | 4 |
| 2304026 | 2304027 | 75 | 62 | 31,5 | 2,5 | HSK32 | 4 |
| 2304028 | 2304029 | 76 | 62 | 31,5 | 3   | HSK32 | 4 |
| 2304030 | 2304031 | 78 | 62 | 31,5 | 3,5 | HSK32 | 4 |
| 2304032 | 2304033 | 80 | 62 | 31,5 | 4   | HSK32 | 4 |
| 2304120 | 2304121 | 72 | 62 | 31,5 | 1   | HSK32 | 6 |
| 2304122 | 2304123 | 73 | 62 | 31,5 | 1,5 | HSK32 | 6 |
| 2304124 | 2304125 | 74 | 62 | 31,5 | 2   | HSK32 | 6 |
| 2304126 | 2304127 | 75 | 62 | 31,5 | 2,5 | HSK32 | 6 |
| 2304128 | 2304129 | 76 | 62 | 31,5 | 3   | HSK32 | 6 |
| 2304130 | 2304131 | 78 | 62 | 31,5 | 3,5 | HSK32 | 6 |
| 2304132 | 2304133 | 80 | 62 | 31,5 | 4   | HSK32 | 6 |

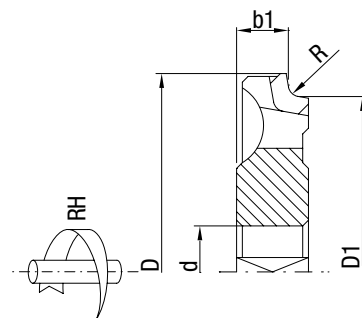


# FRESE PER BORDATRICE RAGGIATE

## Radius Edge Banding Cutters

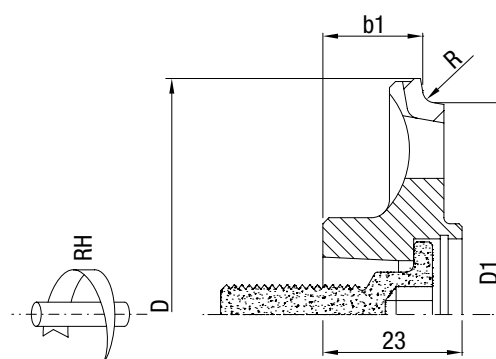
Mod. DKN 16/20 TWIST

| CODE RH | CODE LH | D  | D1 | b1 | R   | d     | Z |
|---------|---------|----|----|----|-----|-------|---|
| 2305020 | 2305021 | 67 | 61 | 9  | 1   | 16DKN | 4 |
| 2305022 | 2305023 | 68 | 61 | 9  | 1,5 | 16DKN | 4 |
| 2305024 | 2305025 | 69 | 61 | 9  | 2   | 16DKN | 4 |
| 2305026 | 2305027 | 70 | 61 | 9  | 2,5 | 16DKN | 4 |
| 2305028 | 2305029 | 71 | 61 | 9  | 3   | 16DKN | 4 |
| 2305120 | 2305121 | 67 | 61 | 9  | 1   | 16DKN | 6 |
| 2305122 | 2305123 | 68 | 61 | 9  | 1,5 | 16DKN | 6 |
| 2305124 | 2305125 | 69 | 61 | 9  | 2   | 16DKN | 6 |
| 2305126 | 2305127 | 70 | 61 | 9  | 2,5 | 16DKN | 6 |
| 2305128 | 2305129 | 71 | 61 | 9  | 3   | 16DKN | 6 |
| 2305220 | 2305221 | 76 | 70 | 9  | 1   | 16DKN | 4 |
| 2305222 | 2305223 | 77 | 70 | 9  | 1,5 | 16DKN | 4 |
| 2305224 | 2305225 | 78 | 70 | 9  | 2   | 16DKN | 4 |
| 2305226 | 2305227 | 79 | 70 | 9  | 2,5 | 16DKN | 4 |
| 2305228 | 2305229 | 80 | 70 | 9  | 3   | 16DKN | 4 |
| 2305320 | 2305321 | 76 | 70 | 9  | 1   | 16DKN | 6 |
| 2305322 | 2305323 | 77 | 70 | 9  | 1,5 | 16DKN | 6 |
| 2305324 | 2305325 | 78 | 70 | 9  | 2   | 16DKN | 6 |
| 2305326 | 2305327 | 79 | 70 | 9  | 2,5 | 16DKN | 6 |
| 2305328 | 2305329 | 80 | 70 | 9  | 3   | 16DKN | 6 |
| 2306020 | 2306021 | 67 | 61 | 9  | 1   | 20DKN | 4 |
| 2306022 | 2306023 | 68 | 61 | 9  | 1,5 | 20DKN | 4 |
| 2306024 | 2306025 | 69 | 61 | 9  | 2   | 20DKN | 4 |
| 2306026 | 2306027 | 70 | 61 | 9  | 2,5 | 20DKN | 4 |
| 2306028 | 2306029 | 71 | 61 | 9  | 3   | 20DKN | 4 |
| 2306120 | 2306121 | 67 | 61 | 9  | 1   | 20DKN | 6 |
| 2306122 | 2306123 | 68 | 61 | 9  | 1,5 | 20DKN | 6 |
| 2306124 | 2306125 | 69 | 61 | 9  | 2   | 20DKN | 6 |
| 2306126 | 2306127 | 70 | 61 | 9  | 2,5 | 20DKN | 6 |
| 2306128 | 2306129 | 71 | 61 | 9  | 3   | 20DKN | 6 |
| 2306220 | 2306221 | 76 | 70 | 9  | 1   | 20DKN | 4 |
| 2306222 | 2306223 | 77 | 70 | 9  | 1,5 | 20DKN | 4 |
| 2306224 | 2306225 | 78 | 70 | 9  | 2   | 20DKN | 4 |
| 2306226 | 2306227 | 79 | 70 | 9  | 2,5 | 20DKN | 4 |
| 2306228 | 2306229 | 80 | 70 | 9  | 3   | 20DKN | 4 |
| 2306320 | 2306321 | 76 | 70 | 9  | 1   | 20DKN | 6 |
| 2306322 | 2306323 | 77 | 70 | 9  | 1,5 | 20DKN | 6 |
| 2306324 | 2306325 | 78 | 70 | 9  | 2   | 20DKN | 6 |
| 2306326 | 2306327 | 79 | 70 | 9  | 2,5 | 20DKN | 6 |
| 2306328 | 2306329 | 80 | 70 | 9  | 3   | 20DKN | 6 |



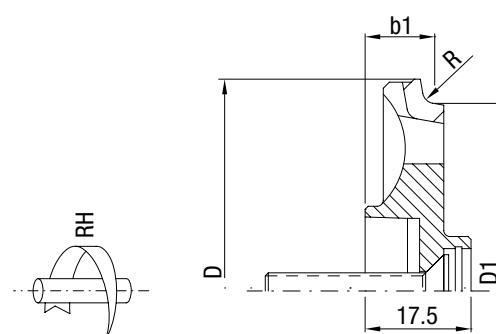
## Mod. HSK25R TWIST

| CODE RH | CODE LH | D  | D1 | b1   | R   | d      | Z |
|---------|---------|----|----|------|-----|--------|---|
| 2307020 | 2307021 | 76 | 70 | 16,5 | 1   | HSK25R | 4 |
| 2307022 | 2307023 | 77 | 70 | 16,5 | 1,5 | HSK25R | 4 |
| 2307024 | 2307025 | 78 | 70 | 16,5 | 2   | HSK25R | 4 |
| 2307026 | 2307027 | 79 | 70 | 16,5 | 2,5 | HSK25R | 4 |
| 2307028 | 2307029 | 80 | 70 | 16,5 | 3   | HSK25R | 4 |
| 2307030 | 2307031 | 82 | 70 | 16,5 | 4   | HSK25R | 4 |
| 2307032 | 2307033 | 84 | 70 | 16,5 | 5   | HSK25R | 4 |
| 2307120 | 2307121 | 76 | 70 | 16,5 | 1   | HSK25R | 6 |
| 2307122 | 2307123 | 77 | 70 | 16,5 | 1,5 | HSK25R | 6 |
| 2307124 | 2307125 | 78 | 70 | 16,5 | 2   | HSK25R | 6 |
| 2307126 | 2307127 | 79 | 70 | 16,5 | 2,5 | HSK25R | 6 |
| 2307128 | 2307129 | 80 | 70 | 16,5 | 3   | HSK25R | 6 |
| 2307130 | 2307131 | 82 | 70 | 16,5 | 4   | HSK25R | 6 |
| 2307132 | 2307133 | 84 | 70 | 16,5 | 5   | HSK25R | 6 |
| 2307220 | 2307221 | 76 | 70 | 16,5 | 1   | HSK25R | 8 |
| 2307222 | 2307223 | 77 | 70 | 16,5 | 1,5 | HSK25R | 8 |
| 2307224 | 2307225 | 78 | 70 | 16,5 | 2   | HSK25R | 8 |
| 2307226 | 2307227 | 79 | 70 | 16,5 | 2,5 | HSK25R | 8 |
| 2307228 | 2307229 | 80 | 70 | 16,5 | 3   | HSK25R | 8 |
| 2307230 | 2307231 | 82 | 70 | 16,5 | 4   | HSK25R | 8 |
| 2307232 | 2307233 | 84 | 70 | 16,5 | 5   | HSK25R | 8 |



## Mod. HSK32 L 17,5 TWIST

| CODE RH | CODE LH | D  | D1 | b1   | R   | d     | Z |
|---------|---------|----|----|------|-----|-------|---|
| 2308020 | 2308021 | 68 | 62 | 11,5 | 1   | HSK32 | 4 |
| 2308022 | 2308023 | 69 | 62 | 11,5 | 1,5 | HSK32 | 4 |
| 2308024 | 2308025 | 70 | 62 | 11,5 | 2   | HSK32 | 4 |
| 2308026 | 2308027 | 71 | 62 | 11,5 | 2,5 | HSK32 | 4 |
| 2308028 | 2308029 | 72 | 62 | 11,5 | 3   | HSK32 | 4 |
| 2308030 | 2308031 | 73 | 62 | 11,5 | 4   | HSK32 | 4 |
| 2308032 | 2308033 | 74 | 62 | 11,5 | 5   | HSK32 | 4 |
| 2308120 | 2308121 | 68 | 62 | 11,5 | 1   | HSK32 | 6 |
| 2308122 | 2308123 | 69 | 62 | 11,5 | 1,5 | HSK32 | 6 |
| 2308124 | 2308125 | 70 | 62 | 11,5 | 2   | HSK32 | 6 |
| 2308126 | 2308127 | 71 | 62 | 11,5 | 2,5 | HSK32 | 6 |
| 2308128 | 2308129 | 72 | 62 | 11,5 | 3   | HSK32 | 6 |
| 2308130 | 2308131 | 73 | 62 | 11,5 | 4   | HSK32 | 6 |
| 2308132 | 2308133 | 74 | 62 | 11,5 | 5   | HSK32 | 6 |
| 2308220 | 2308221 | 68 | 62 | 11,5 | 1   | HSK32 | 8 |
| 2308222 | 2308223 | 69 | 62 | 11,5 | 1,5 | HSK32 | 8 |
| 2308224 | 2308225 | 70 | 62 | 11,5 | 2   | HSK32 | 8 |
| 2308226 | 2308227 | 71 | 62 | 11,5 | 2,5 | HSK32 | 8 |
| 2308228 | 2308229 | 72 | 62 | 11,5 | 3   | HSK32 | 8 |
| 2308230 | 2308231 | 73 | 62 | 11,5 | 4   | HSK32 | 8 |
| 2308232 | 2308233 | 74 | 62 | 11,5 | 5   | HSK32 | 8 |

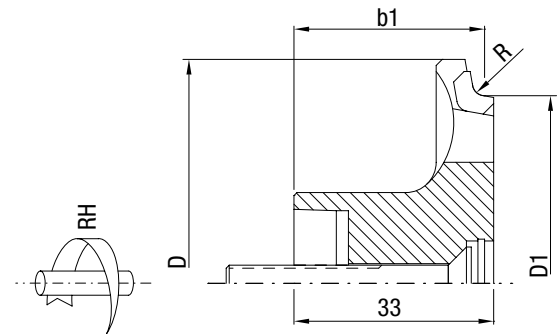


# FRESE PER BORDATRICE RAGGIATE

## Radius Edge Banding Cutters

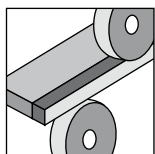
Mod. HSK32 L 33 TWIST

| CODE RH | CODE LH | D  | D1 | b1   | R   | d     | Z |
|---------|---------|----|----|------|-----|-------|---|
| 2309020 | 2309021 | 72 | 62 | 31,5 | 1   | HSK32 | 4 |
| 2309022 | 2309023 | 73 | 62 | 31,5 | 1,5 | HSK32 | 4 |
| 2309024 | 2309025 | 74 | 62 | 31,5 | 2   | HSK32 | 4 |
| 2309026 | 2309027 | 75 | 62 | 31,5 | 2,5 | HSK32 | 4 |
| 2309028 | 2309029 | 76 | 62 | 31,5 | 3   | HSK32 | 4 |
| 2309030 | 2309031 | 78 | 62 | 31,5 | 3,5 | HSK32 | 4 |
| 2309032 | 2309033 | 80 | 62 | 31,5 | 4   | HSK32 | 4 |
| 2309120 | 2309121 | 72 | 62 | 31,5 | 1   | HSK32 | 6 |
| 2309122 | 2309123 | 73 | 62 | 31,5 | 1,5 | HSK32 | 6 |
| 2309124 | 2309125 | 74 | 62 | 31,5 | 2   | HSK32 | 6 |
| 2309126 | 2309127 | 75 | 62 | 31,5 | 2,5 | HSK32 | 6 |
| 2309128 | 2309129 | 76 | 62 | 31,5 | 3   | HSK32 | 6 |
| 2309130 | 2309131 | 78 | 62 | 31,5 | 3,5 | HSK32 | 6 |
| 2309132 | 2309133 | 80 | 62 | 31,5 | 4   | HSK32 | 6 |



# FRESE PER SOFT-FORMING

## Soft-Forming Cutters



### Frese per Soft-forming · Soft-Forming Cutters

Utilizzate nell'esecuzione dell'incisione con ribasso piano nel procedimento di postforming diretto di pannelli nobilitati. Il taglio frazionato ne permette un'ottima finitura e una ridotta richiesta di potenza. Numero di taglienti sul fianco più elevati per una migliore finitura. Adatte alle principali macchine sul mercato.

Rotazione a favore dell'avanzamento  
Angolo assiale.

L'interfaccia HSK permette una migliore finitura grazie ad un miglior accoppiamento con l'albero motore.

Rpm Max 24.000.

Used on flat scoring in the postforming process for faced panels.

The multicut obtain better finishing with low needed power.

More tips on the side for better finishing.

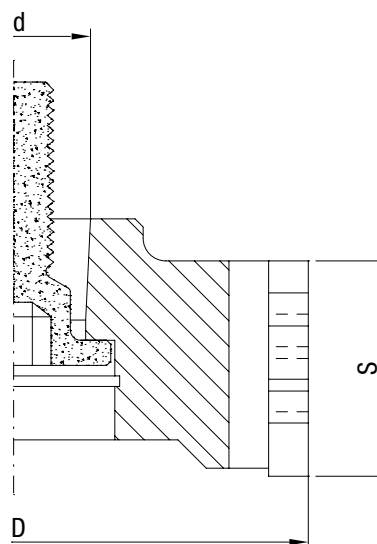
Fits most common machines in the market.

With flow feed rotation tips axial angle.

HSK holder grants perfect coupling with drive shaft giving best quality end product.

RPM Max 24000.

| CODE RH | CODE LH | D   | S  | d        | Z    |
|---------|---------|-----|----|----------|------|
| 1801014 | 1801015 | 70  | 25 | 20 (dkn) | 9+3  |
| 1801022 | 1801023 | 70  | 25 | HSK25R   | 9+3  |
| 1801026 | 1801027 | 70  | 25 | HSK25R   | 12+4 |
| 1801038 | 1801039 | 75  | 25 | HSK25R   | 9+3  |
| 1801042 | 1801043 | 75  | 25 | HSK25R   | 12+4 |
| 1801050 | 1801051 | 100 | 25 | HSK25R   | 9+3  |



### Frese per piattabanda Post-forming · Post-Forming Panel Rising Cutter

Utilizzate nell'esecuzione dell'appiattimento prima della profilatura nel Postforming diretto di pannelli nobilitati. Adatte alle principali macchine sul mercato.

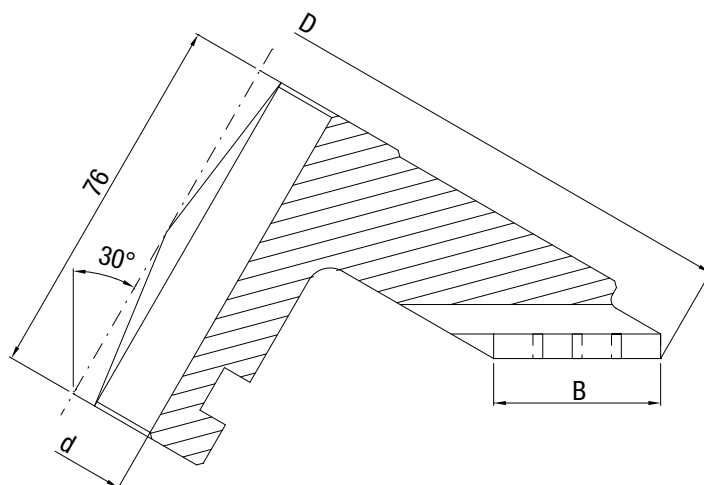
Rotazione a favore dell'avanzamento

Used for flattening of faced panels edges for postforming process.

Fits most common machines in the market.

"With flow feed" rotation

| CODE RH | CODE LH | D   | B  | d      | Z   |
|---------|---------|-----|----|--------|-----|
| 1801408 | 1801409 | 200 | 34 | 35 DKN | 4+4 |
| 1801412 | 1801413 | 200 | 34 | 40 DKN | 4+4 |
| 1801416 | 1801417 | 200 | 44 | 35 DKN | 4+4 |
| 1801420 | 1801421 | 200 | 44 | 40 DKN | 4+4 |
| 1801424 | 1801425 | 200 | 54 | 35 DKN | 4+4 |
| 1801428 | 1801429 | 200 | 54 | 40 DKN | 4+4 |



# FRESE PER SOFT-FORMING

## Soft-Forming Cutters

### Frese per profilare tipo A · Profile Cutters Type A

Utilizzate nell'esecuzione della profilatura raggiata nel Postforming diretto di pannelli nobilitati.

Adatte alle principali macchine sul mercato.

Rotazione contro avanzamento.

Rpm Max 24.000.

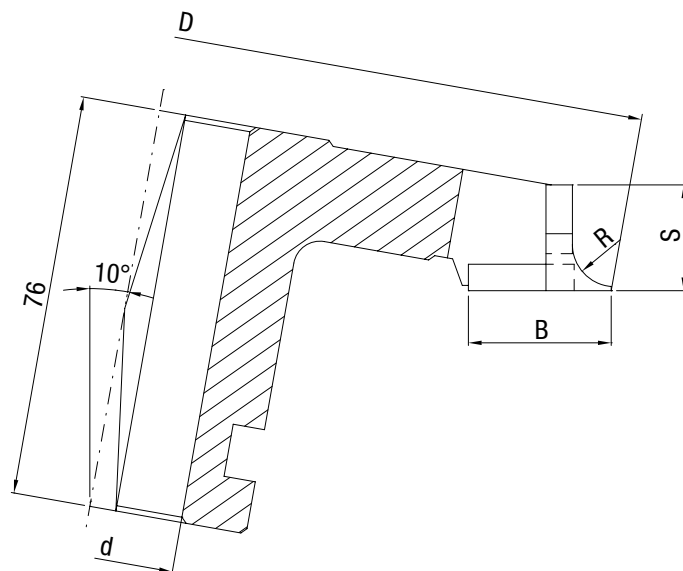
Used for radius cutting faced panels during postforming process.

Fits most common machines in the market.

Against flow feed rotation.

RPM Max 24000

| CODE RH | CODE LH | D   | R   | B    | d      | Z |
|---------|---------|-----|-----|------|--------|---|
| 1801108 | 1801109 | 180 | 3   | 5,0  | 35 DKN | 4 |
| 1801112 | 1801113 | 180 | 4   | 6,0  | 35 DKN | 4 |
| 1801116 | 1801117 | 180 | 5   | 7,0  | 35 DKN | 4 |
| 1801120 | 1801121 | 180 | 6   | 8,0  | 35 DKN | 4 |
| 1801124 | 1801125 | 180 | 6,5 | 9,0  | 35 DKN | 4 |
| 1801128 | 1801129 | 180 | 7   | 9,0  | 35 DKN | 4 |
| 1801132 | 1801133 | 180 | 8   | 10,0 | 35 DKN | 4 |
| 1801136 | 1801137 | 180 | 9   | 11,0 | 35 DKN | 4 |
| 1801140 | 1801141 | 180 | 10  | 12,0 | 35 DKN | 4 |



### Frese per profilare tipo B · Profile Cutters Type B

Utilizzate nell'esecuzione della profilatura raggiata nel Postforming diretto di pannelli nobilitati.

Adatte alle principali macchine sul mercato.

Rotazione contro avanzamento.

Rpm Max 24.000.

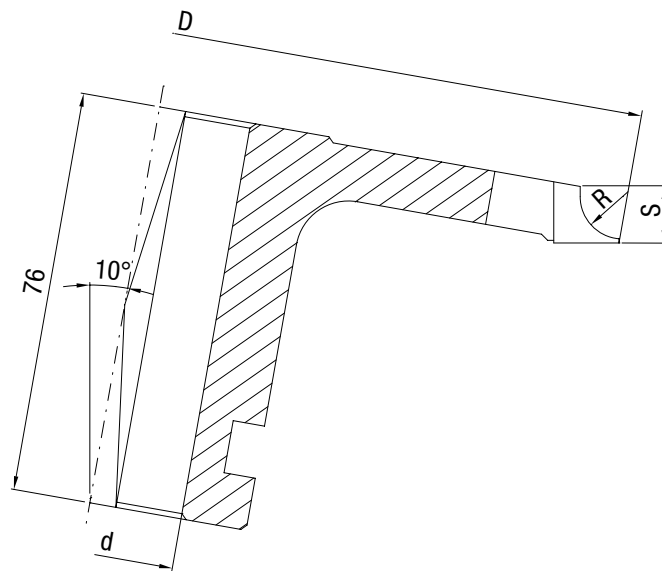
Used for radius cutting faced panels during postforming process.

Fits most common machines in the market.

Against flow feed rotation.

RPM Max 24000

| CODE RH | CODE LH | D   | S   | L    | d      | Z |
|---------|---------|-----|-----|------|--------|---|
| 1801208 | 1801209 | 180 | 3   | 5,0  | 35 DKN | 4 |
| 1801212 | 1801213 | 180 | 4   | 6,0  | 35 DKN | 4 |
| 1801216 | 1801217 | 180 | 5   | 7,0  | 35 DKN | 4 |
| 1801220 | 1801221 | 180 | 6   | 8,0  | 35 DKN | 4 |
| 1801224 | 1801225 | 180 | 6,5 | 9,0  | 35 DKN | 4 |
| 1801228 | 1801229 | 180 | 7   | 9,0  | 35 DKN | 4 |
| 1801232 | 1801233 | 180 | 8   | 10,0 | 35 DKN | 4 |
| 1801236 | 1801237 | 180 | 9   | 11,0 | 35 DKN | 4 |
| 1801240 | 1801241 | 180 | 10  | 12,0 | 35 DKN | 4 |



## Frese per incisione ad inserti intercambiabili · Scribing Cutters With Replaceable Inserts

Utilizzate nell'esecuzione dell'incisione di scarico nel procedimento di postforming diretto di pannelli nobilitati. Adatte alle principali macchine sul mercato. Inserti intercambiabili simmetrici per una maggiore flessibilità (vendibili anche separatamente).

Rotazione contro avanzamento.

L'interfaccia HSK permette una migliore finitura grazie ad un miglior accoppiamento con l'albero motore.

Rpm Max 12.000

Used for scribing faced panels for postforming process.

Replaceable inserts (also sold separately).

Fits most common machines in the market.

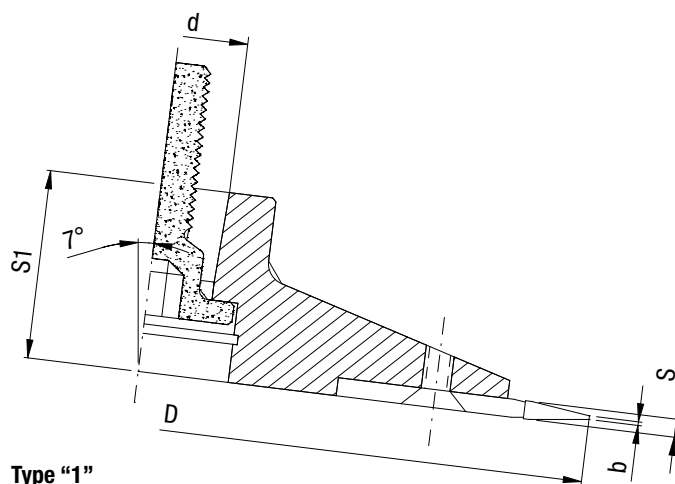
Against flow feed rotation.

HSK holder grants perfect coupling with drive shaft giving best quality end product.

RPM Max 12000.

### Type 1

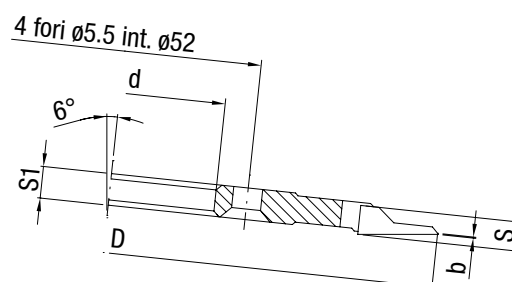
| CODE RH | CODE LH | D   | S1 | S   | b   | d       | Z |
|---------|---------|-----|----|-----|-----|---------|---|
| 1801308 | 1801309 | 100 | 45 | 2,5 | 0,5 | 20 DKN  | 4 |
| 1801310 | 1801311 | 100 | 45 | 2,5 | 0,8 | 20 DKN  | 4 |
| 1801312 | 1801313 | 100 | 45 | 2,5 | 1,2 | 20 DKN  | 4 |
| 1801314 | 1801315 | 125 | 45 | 2,5 | 0,5 | 20 DKN  | 4 |
| 1801316 | 1801317 | 125 | 45 | 2,5 | 0,8 | 20 DKN  | 4 |
| 1801318 | 1801319 | 125 | 45 | 2,5 | 1,2 | 20 DKN  | 4 |
| 1801320 | 1801321 | 125 | 26 | 2,5 | 0,5 | HSK25 R | 4 |
| 1801322 | 1801323 | 125 | 26 | 2,5 | 0,8 | HSK25 R | 4 |
| 1801324 | 1801325 | 125 | 26 | 2,5 | 1,2 | HSK25 R | 4 |



Type "1"

### Type 2

| CODE RH | CODE LH | D   | S1 | S   | b   | d  | Z |
|---------|---------|-----|----|-----|-----|----|---|
| 1801508 | 1801509 | 125 | 6  | 5,5 | 0,5 | 40 | 4 |
| 1801510 | 1801511 | 125 | 6  | 5,5 | 0,8 | 40 | 4 |
| 1801512 | 1801513 | 125 | 6  | 5,5 | 1,2 | 40 | 4 |



Type "2"

# FRESE PER PAVIMENTI

## Flooring Cutters

Schiavon realizza una gamma completa di utensili per la realizzazione di ogni tipo di profilo, sia per il pavimento in legno che in MDF con finitura in laminato

Schiavon fulfils a complete range of tools for the realization of every type of profiles both for floors in wood and in MDF with finish in laminate.

**UTENSILI PER LA  
SGROSSATURA  
DEL PROFILO**  
Tools to rough out profiles



**UTENSILI PER  
L'ESECUZIONE  
DEL PROFILO**  
Tools to execute profiles





# unika<sup>tools</sup>

## special tools department

Dal progetto iniziale alla realizzazione finale: questo è il principio imprescindibile di unika per soluzioni di alto livello, applicabili sia nella lavorazione del singolo pezzo che all'intero processo industriale. La nostra pregressa conoscenza dei materiali, legata ad una costante e continua evoluzione dei metodi più innovativi e tecnologici in campo di macchine ed impianti per la lavorazione di pannelli, fanno di unika un vanto tecnico sempre concreto e preciso.

From the rising project to the final realization: unika's essential principle for high level solutions, applied to the single outcome as well as to the entire production. Our profound knowledge of materials, stable and continuous evolution of the most innovative and technological methods of the panels-manufacturing machines allow unika to offer an excellent technical service, always accurate and concrete.





# PUNTE PER PANTOGRAFO

Router Bits



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**PUNTE PER PANTOGRAFO PL25**  
PL25 Router Bits



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**PUNTE PER PANTOGRAFO PL40**  
PL40 Router Bits



112

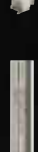
**PUNTE PER PANTOGRAFO TRAKTOR**  
Traktor Router Bits



113

**PUNTE PER PANTOGRAFO XP2**  
XP2 Router Bits



|                                                                     | Page |                                                                                       |
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| <b>PUNTE PER PANTOGRAFO HP2</b><br>HP2 Router Bits                  | 114  |    |
| <b>PUNTE PER PANTOGRAFO TOP2</b><br>TOP2 Router Bits                | 116  |    |
| <b>PUNTE PER PANTOGRAFO EVO</b><br>EVO Router Bits                  | 117  |    |
| <b>PUNTE PER PANTOGRAFO NESTING</b><br>NESTING Router Bits          | 118  |   |
| <b>PUNTE PER PANTOGRAFO TOP HD</b><br>TOP HD Router Bits            | 119  |  |
| <b>PUNTE PER PANTOGRAFO TOP R</b><br>TOP R Router Bits              | 120  |  |
| <b>PUNTE PER PANTOGRAFO DR</b><br>DR Router Bits                    | 121  |  |
| <b>PUNTE PER PANTOGRAFO "SMART"</b><br>"Smart" Straight Router Bits | 122  |  |
| <b>PUNTE PER PANTOGRAFO SAGOMATE</b><br>Profile Router Bits         | 124  |  |

# 6 PUNTE PER PANTOGRAFO

## CARATTERISTICHE TECNICHE Technical Features

### PRESTAZIONI:

- OTTIMA
- BUONA
- ACCETTABILE

### ESEMPIO:

- Prestazione: ottima
- 6-8 Velocità consigliata

### PERFORMANCE:

- BEST
- GOOD
- ACCEPTABLE

### EXAMPLE:

- Performance: best
- 6-8 Feeding speed

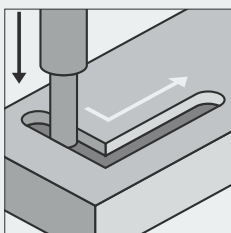
|                            |                             | PL25       | PL40       | HP2         | HP4         | TOP DR BASIC | TOP DR PLUS | NESTING     | TOP HD      | SMART | TOP 2        | TOP R        | XP 2         | TRAKTOR      | EVO          |
|----------------------------|-----------------------------|------------|------------|-------------|-------------|--------------|-------------|-------------|-------------|-------|--------------|--------------|--------------|--------------|--------------|
| Numero di denti            | Number of teeth             | 1+1        | 1+1        | 2+2         | 2+2         | 3/1+1        | 3/3         | 3           | 2/3         | 1/2   | 3            | 3            | 2+2          | 3/4          | 2            |
| Tipo di forante            | Type of plunge cut          | HM         | HM         | HM/PCD      | HM/PCD      | HM           | PCD         | PCD         | PCD         | PCD   | PCD          | PCD          | PCD          | -            | PCD          |
| LEGNO MASSICCIO            | HARDWOOD                    | ●<br>2-4   | ●<br>2-4   | ●<br>3-5    | ●<br>3-5    | ●<br>3-5     | ●<br>3-5    | ●<br>3-5    | ●<br>3-5    | ●     | ●<br>6-8     | ●<br>6-8     | ●<br>6-8     | ●●<br>8-10   | ●●<br>8-10   |
| LAMELLARE                  | GLUED LAMINATED TIMBER      | ●<br>4-6   | ●<br>4-6   | ●●<br>5-10  | ●●<br>5-10  | ●<br>5-10    | ●<br>5-10   | ●<br>5-10   | ●<br>5-10   | ●     | ●<br>8-12    | ●<br>8-12    | ●●<br>8-12   | ●●<br>10-12  | ●●<br>10-12  |
| TRUCIOLARE                 | PARTICLEBOARD               | ●●●<br>6-8 | ●●●<br>6-8 | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20  | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20 | ●●    | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>14-32 | ●●●<br>14-32 |
| TRUCIOLARE PLACCATO        | PLATED PARTICLEBOARD        | ●●●<br>4-6 | ●●●<br>4-6 | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10  | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10 | ●●    | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>10-14 | ●●●<br>10-14 |
| TRUCIOLARE MELAMINICO      | MELAMINE PARTICLEBOARD      | ●●●<br>6-8 | ●●●<br>6-8 | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20  | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20 | ●●    | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>14-32 | ●●●<br>14-32 |
| TRUCIOLARE RIVESTITO CARTA | PAPER-COVERED PARTICLEBOARD | ●●●<br>4-6 | ●●●<br>4-6 | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10  | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10 | ●●    | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>14-32 | ●●●<br>14-32 |
| MDF GREZZO                 | RAW MDF                     | ●●●<br>6-8 | ●●●<br>6-8 | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20  | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20 | ●●    | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>14-32 | ●●●<br>14-32 |
| MDF PLACCATO               | PLATED MDF                  | ●●●<br>4-6 | ●●●<br>4-6 | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10  | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10 | ●●    | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>10-14 | ●●●<br>10-14 |
| MDF MELAMINICO             | MELAMINE MDF                | ●●●<br>6-8 | ●●●<br>6-8 | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20  | ●●●<br>8-20 | ●●●<br>8-20 | ●●●<br>8-20 | ●●    | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>14-32 | ●●●<br>14-32 |
| MDF RIVESTITO CARTA        | PAPER-COVERED MDF           | ●●●<br>4-6 | ●●●<br>4-6 | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10  | ●●●<br>5-10 | ●●●<br>5-10 | ●●●<br>5-10 | ●●    | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>8-12  | ●●●<br>10-14 | ●●●<br>10-14 |
| MULTIPLEX                  | MultiPlex BOARD             | ●●●<br>2-4 | ●●●<br>2-4 | ●●●<br>3-5  | ●●●<br>3-5  | ●●<br>3-5    | ●●<br>3-5   | ●●●<br>3-5  | ●●●<br>3-5  | ●●●   | ●●●<br>6-8   | ●●●<br>6-8   | ●●●<br>6-8   | ●●●<br>8-10  | ●●●<br>8-10  |
| HPL, CPL, Trespa           | HPL, CPL, Trespa            | ●<br>2-4   | ●<br>2-4   | ●<br>3-5    | ●●<br>3-5   | ●●<br>3-5    | ●●<br>3-5   | ●●●<br>3-5  | ●●●<br>3-5  | ●●●   | ●●●<br>6-8   | ●●●<br>6-8   | ●●●<br>6-8   | ●●●<br>8-10  | ●●●<br>8-10  |
| OSB                        | OSB                         | ●●<br>6-8  | ●●<br>6-8  | ●●<br>8-20  | ●●<br>8-20  | ●●<br>8-20   | ●●<br>8-20  | ●●●<br>8-20 | ●●●<br>8-20 | ●●    | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>12-30 | ●●●<br>14-32 | ●●●<br>14-32 |
| POLIURETANO RIGIDO         | HARD POLYURETHANE           | ●<br>2-4   | ●<br>2-4   | ●<br>3-5    | ●●<br>3-5   | ●●<br>3-5    | ●●<br>3-5   | ●●<br>3-5   | ●●<br>3-5   | ●●●   | ●●<br>6-8    | ●●<br>6-8    | ●●<br>6-8    | ●●●<br>8-10  | ●●●<br>8-10  |
| PLASTOMERO                 | SOFT POLYURETHANE           | ●<br>2-4   | ●<br>2-4   | ●<br>3-5    | ●●<br>3-5   | ●●<br>3-5    | ●●<br>3-5   | ●●<br>3-5   | ●●<br>3-5   | ●●●   | ●●<br>6-8    | ●●<br>6-8    | ●●<br>6-8    | ●●●<br>8-10  | ●●●<br>8-10  |
| P. BASE DI FIBRA DI VETRO  | FIBERGLASS BOARD            | ●<br>2-4   | ●<br>2-4   | ●<br>3-5    | ●●<br>3-5   | ●●<br>3-5    | ●●<br>3-5   | ●●<br>3-5   | ●●<br>3-5   | ●●●   | ●●<br>6-8    | ●●<br>6-8    | ●●<br>6-8    | ●●●<br>8-10  | ●●●<br>8-10  |
| CORIAN, VARICOR            | CORIAN, VARICOR             | ●<br>2-4   | ●<br>2-4   | ●<br>3-5    | ●●<br>3-5   | ●●<br>3-5    | ●●<br>3-5   | ●<br>3-5    | ●<br>3-5    | ●●●   | ●<br>6-8     | ●<br>6-8     | ●●<br>6-8    | ●●●<br>8-10  | ●●●<br>8-10  |
| PANNELLO CARTONGESSO       | PLASTERBOARD                | ●●<br>4-6  | ●●<br>4-6  | ●●<br>5-10  | ●●●<br>5-10 | ●●<br>5-10   | ●●<br>5-10  | ●●●<br>5-10 | ●●●<br>5-10 | ●●●   | ●●●<br>8-12  | ●●●<br>8-12  | ●●<br>8-12   | ●●●<br>10-14 | ●●●<br>10-14 |

# Router Bits

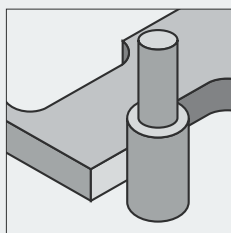


## LAVORAZIONE

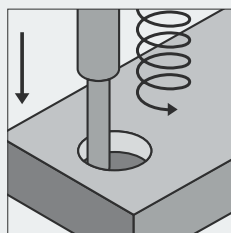
### Application



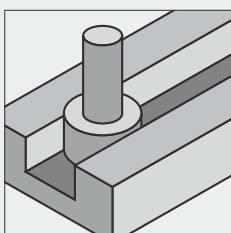
Forare fresare  
Drill milling



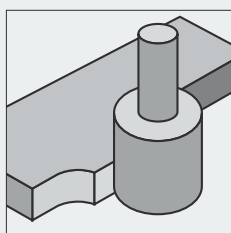
Fresatura esterna  
sgrossare rifinire  
External milling roughing  
and finishing



Fori eccentrici  
Eccentric holes



Fresatura interna  
Internal milling

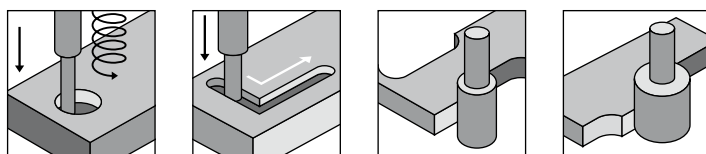


Contornare  
Contouring



# PUNTE PER PANTOGRAFO PL25

## PL25 Router Bits



Punte per pantografo ideali per la pantografatura e fresatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, su macchine CNC.

Buona finitura sul pannello e sul rivestimento.

Placchette con angolo assiale positivo/negativo.

Taglio elicoidale e scarico del truciolo raggiato per una migliore evacuazione del truciolo.

Forante in HM.

Capacità di 2/3 riaffilature.

Used for CNC routing and contouring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Good finish both on panel and coating.

Positive and negative tips axial angle.

Compression type cut with radius chip pocket for an increased dust flow.

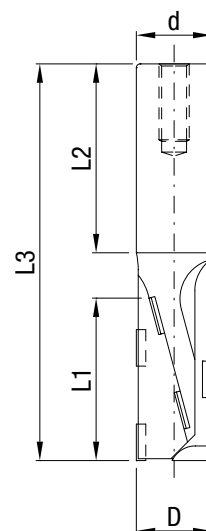
Carbide plunge cut.

Average 2-3 resharpening.



## PL25 Forante in HM · Carbide Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 2700500 | 2700501 | 8  | 22 | 12 | 40 | 72  | 1+1 |
| 2700502 | 2700503 | 10 | 25 | 12 | 40 | 75  | 1+1 |
| 2700504 | 2700505 | 12 | 25 | 12 | 40 | 75  | 1+1 |
| 2700506 | 2700507 | 12 | 25 | 16 | 50 | 85  | 1+1 |
| 2700508 | 2700509 | 12 | 25 | 20 | 50 | 85  | 1+1 |
| 2700510 | 2700511 | 12 | 25 | 25 | 55 | 90  | 1+1 |
| 2700512 | 2700513 | 12 | 35 | 12 | 40 | 85  | 1+1 |
| 2700514 | 2700515 | 14 | 25 | 16 | 50 | 85  | 1+1 |
| 2700516 | 2700517 | 16 | 25 | 16 | 50 | 85  | 1+1 |
| 2700518 | 2700519 | 16 | 25 | 20 | 50 | 85  | 1+1 |
| 2700520 | 2700521 | 16 | 35 | 16 | 50 | 95  | 1+1 |
| 2700522 | 2700523 | 16 | 35 | 20 | 50 | 95  | 1+1 |
| 2700524 | 2700525 | 16 | 43 | 16 | 50 | 105 | 1+1 |
| 2700526 | 2700527 | 16 | 43 | 20 | 50 | 105 | 1+1 |
| 2700528 | 2700529 | 18 | 25 | 16 | 50 | 85  | 1+1 |
| 2700530 | 2700531 | 18 | 25 | 20 | 50 | 85  | 1+1 |
| 2700532 | 2700533 | 18 | 25 | 25 | 55 | 90  | 1+1 |
| 2700534 | 2700535 | 18 | 35 | 16 | 50 | 95  | 1+1 |
| 2700536 | 2700537 | 18 | 35 | 20 | 50 | 95  | 1+1 |
| 2700538 | 2700539 | 18 | 35 | 25 | 55 | 100 | 1+1 |
| 2700540 | 2700541 | 18 | 43 | 16 | 50 | 105 | 1+1 |
| 2700542 | 2700543 | 18 | 43 | 20 | 50 | 105 | 1+1 |
| 2700544 | 2700545 | 18 | 43 | 25 | 55 | 110 | 1+1 |
| 2700546 | 2700547 | 20 | 25 | 20 | 50 | 85  | 1+1 |
| 2700548 | 2700549 | 20 | 25 | 25 | 55 | 90  | 1+1 |
| 2700550 | 2700551 | 20 | 35 | 20 | 50 | 95  | 1+1 |



## PL25 Forante in HM · Carbide Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 2700552 | 2700553 | 20 | 35 | 25 | 55 | 100 | 1+1 |
| 2700554 | 2700555 | 20 | 43 | 20 | 50 | 105 | 1+1 |
| 2700556 | 2700557 | 20 | 43 | 25 | 55 | 110 | 1+1 |
| 2700558 | 2700559 | 20 | 52 | 20 | 50 | 112 | 1+1 |
| 2700560 | 2700561 | 20 | 52 | 25 | 55 | 117 | 1+1 |
| 2700562 | 2700563 | 20 | 65 | 20 | 50 | 125 | 1+1 |
| 2700564 | 2700565 | 20 | 65 | 25 | 55 | 130 | 1+1 |
| 2700566 | 2700567 | 25 | 85 | 20 | 50 | 145 | 1+1 |
| 2700568 | 2700569 | 25 | 85 | 25 | 55 | 150 | 1+1 |

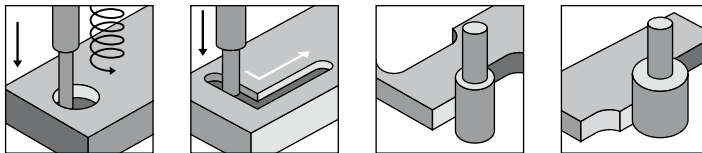
## PL25 Forante in HM · Carbide Plunge Cut



| CODE RH | CODE LH | D            | L1          | d            | L2         | L3          | Z   |
|---------|---------|--------------|-------------|--------------|------------|-------------|-----|
| 2700800 | 2700801 | 12,7 (1/2")  | 25 (1")     | 12,7 (1/2")  | 40 (15/8") | 75 (3")     | 1+1 |
| 2700802 | 2700803 | 12,7 (1/2")  | 35 (13/8")  | 12,7 (1/2")  | 40 (15/8") | 85 (33/8")  | 1+1 |
| 2700804 | 2700805 | 15,88 (5/8") | 25 (1")     | 15,88 (5/8") | 50 (2")    | 85 (33/8")  | 1+1 |
| 2700806 | 2700807 | 15,88 (5/8") | 35 (13/8")  | 15,88 (5/8") | 50 (2")    | 95 (36/8")  | 1+1 |
| 2700808 | 2700809 | 19,05 (3/4") | 25 (1")     | 19,05 (3/4") | 50 (2")    | 85 (33/8")  | 1+1 |
| 2700810 | 2700811 | 19,05 (3/4") | 35 (13/8")  | 19,05 (3/4") | 50 (2")    | 95 (36/8")  | 1+1 |
| 2700814 | 2700815 | 19,05 (3/4") | 43 (15/8")  | 19,05 (3/4") | 50 (2")    | 108 (42/8") | 1+1 |
| 2700812 | 2700813 | 19,05 (3/4") | 52 (21/16") | 19,05 (3/4") | 50 (2")    | 117 (45/8") | 1+1 |

# PUNTE PER PANTOGRAFO PL40

## PL40 Router Bits



Punte per pantografo ideali per la pantografatura e fresatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, su macchine CNC.

Buona finitura sul pannello e sul rivestimento.

Placchette con angolo assiale positivo/negativo.

Taglio elicoidale e scarico del truciolo raggiato per una migliore evacuazione del truciolo.

Forante in HM.

Capacità di 8/10 riaffilature.

Used for CNC routing and contouring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Good finish both on panel and coating.

Positive and negative tips axial angle.

Compression type cut with radius chip pocket for an increased dust flow.

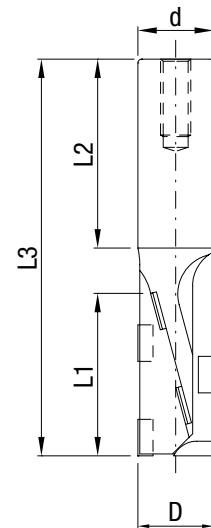
Carbide plunge cut.

Average 8-10 resharpening.



## PL40 Forante in HM · Carbide Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 2800012 | 2800013 | 16 | 25 | 16 | 50 | 85  | 1+1 |
| 2800016 | 2800017 | 16 | 35 | 16 | 50 | 95  | 1+1 |
| 2800024 | 2800025 | 18 | 25 | 16 | 50 | 85  | 1+1 |
| 2800028 | 2800029 | 18 | 25 | 20 | 50 | 85  | 1+1 |
| 2800032 | 2800033 | 18 | 25 | 25 | 55 | 90  | 1+1 |
| 2800040 | 2800041 | 18 | 35 | 20 | 50 | 95  | 1+1 |
| 2800044 | 2800045 | 18 | 35 | 25 | 55 | 100 | 1+1 |
| 2800052 | 2800053 | 18 | 43 | 20 | 50 | 105 | 1+1 |
| 2800056 | 2800057 | 18 | 43 | 25 | 55 | 110 | 1+1 |
| 2800064 | 2800065 | 20 | 25 | 20 | 50 | 85  | 1+1 |
| 2800068 | 2800069 | 20 | 25 | 25 | 55 | 90  | 1+1 |
| 2800076 | 2800077 | 20 | 35 | 20 | 50 | 95  | 1+1 |
| 2800080 | 2800081 | 20 | 35 | 25 | 55 | 100 | 1+1 |
| 2800088 | 2800089 | 20 | 43 | 20 | 50 | 105 | 1+1 |
| 2800092 | 2800093 | 20 | 43 | 25 | 55 | 110 | 1+1 |
| 2800100 | 2800101 | 20 | 52 | 20 | 50 | 112 | 1+1 |
| 2800104 | 2800105 | 20 | 52 | 25 | 55 | 117 | 1+1 |
| 2800108 | 2800109 | 25 | 65 | 20 | 50 | 125 | 1+1 |
| 2800112 | 2800113 | 25 | 65 | 25 | 55 | 130 | 1+1 |
| 2800116 | 2800117 | 25 | 85 | 20 | 50 | 145 | 1+1 |
| 2800120 | 2800121 | 25 | 85 | 25 | 55 | 150 | 1+1 |

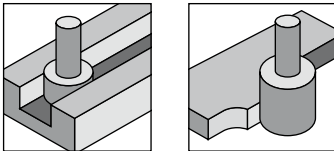


## PL40 Forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 2801012 | 2801013 | 16 | 25 | 16 | 50 | 85  | 1+1 |
| 2801016 | 2801017 | 16 | 35 | 16 | 50 | 95  | 1+1 |
| 2801024 | 2801025 | 18 | 25 | 16 | 50 | 85  | 1+1 |
| 2801028 | 2801029 | 18 | 25 | 20 | 50 | 85  | 1+1 |
| 2801032 | 2801033 | 18 | 25 | 25 | 55 | 90  | 1+1 |
| 2801040 | 2801041 | 18 | 35 | 20 | 50 | 95  | 1+1 |
| 2801044 | 2801045 | 18 | 35 | 25 | 55 | 100 | 1+1 |
| 2801052 | 2801053 | 18 | 43 | 20 | 50 | 105 | 1+1 |
| 2801056 | 2801057 | 18 | 43 | 25 | 55 | 110 | 1+1 |
| 2801064 | 2801065 | 20 | 25 | 20 | 50 | 85  | 1+1 |
| 2801068 | 2801069 | 20 | 25 | 25 | 55 | 90  | 1+1 |
| 2801076 | 2801077 | 20 | 35 | 20 | 50 | 95  | 1+1 |
| 2801080 | 2801081 | 20 | 35 | 25 | 55 | 100 | 1+1 |
| 2801088 | 2801089 | 20 | 43 | 20 | 50 | 105 | 1+1 |
| 2801092 | 2801093 | 20 | 43 | 25 | 55 | 110 | 1+1 |
| 2801100 | 2801101 | 20 | 52 | 20 | 50 | 112 | 1+1 |
| 2801104 | 2801105 | 20 | 52 | 25 | 55 | 117 | 1+1 |
| 2801108 | 2801109 | 25 | 65 | 20 | 50 | 125 | 1+1 |
| 2801112 | 2801113 | 25 | 65 | 25 | 55 | 130 | 1+1 |
| 2801116 | 2801117 | 25 | 85 | 20 | 50 | 145 | 1+1 |
| 2801120 | 2801121 | 25 | 85 | 25 | 55 | 150 | 1+1 |

# PUNTE PER PANTOGRAFO TRAKTOR

## Traktor Router Bits



Punte per pantografo ideali per la scontornatura di pannelli in Truciolare e MDF grezzi o nobilitati, multi-strati, HPL su macchine CNC.

Placchette con angolo assiale elevato per una miglior finitura su tutti i tipi di rivestimento.

Elevata velocità di avanzamento (Z3 fino a 25 m/min – Z4 fino a 35 m/min).

Grazie al Diamante anche in testa è l'ideale per eseguire battute o ribassi.

Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.

Diamante Lucido.

Capacità di 8/10 riaffilature.

Used for CNC contouring chipboard, MDF, HDF and sandwich panels with or without veneer, paper or plastic coatings and plywood.

High degree tips axial angle for better finishing on any type of coating.

High feeding speed (Z3 up to 25 meters/minute – Z4 up to 35 meters/minute).

Bottom sharpened tips for rabbetting or rebating.

Ground shank suitable for heat shrinking chucks, Sino or Tribos™.

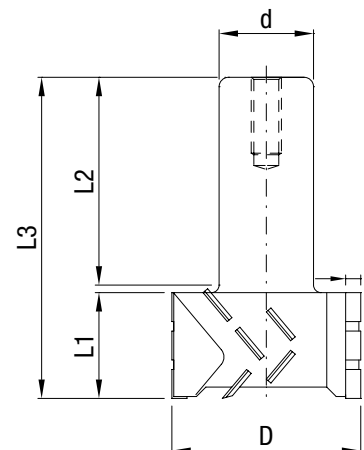
Polished PCD.

Average 8-10 resharpening.



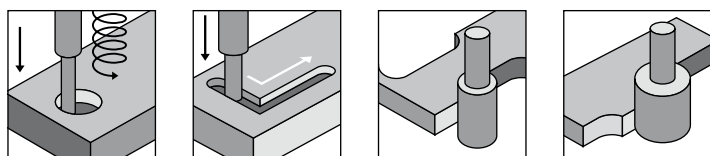
## Traktor

|         | CODE LH | D  | L1 | d  | L2 | L3 | Z   |
|---------|---------|----|----|----|----|----|-----|
| 2500020 | 2500021 | 50 | 23 | 25 | 55 | 80 | 3+3 |
| 2500022 | 2500023 | 50 | 23 | 25 | 55 | 80 | 4+4 |
| 2500024 | 2500025 | 50 | 28 | 25 | 55 | 85 | 3+3 |
| 2500026 | 2500027 | 50 | 28 | 25 | 55 | 85 | 4+4 |
| 2500028 | 2500029 | 50 | 38 | 25 | 55 | 95 | 3+3 |
| 2500030 | 2500031 | 50 | 38 | 25 | 55 | 95 | 4+4 |
| 2500040 | 2500041 | 60 | 23 | 25 | 55 | 80 | 3+3 |
| 2500042 | 2500043 | 60 | 23 | 25 | 55 | 80 | 4+4 |
| 2500032 | 2500033 | 60 | 28 | 25 | 55 | 85 | 3+3 |
| 2500034 | 2500035 | 60 | 28 | 25 | 55 | 85 | 4+4 |
| 2500036 | 2500037 | 60 | 38 | 25 | 55 | 95 | 3+3 |
| 2500038 | 2500039 | 60 | 38 | 25 | 55 | 95 | 4+4 |



# PUNTE PER PANTOGRAFO XP2

## XP2 Router Bits



Punte per pantografo ideali per la pantografatura e fresatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, ... su macchine CNC.

Ottima finitura sul pannello e sul rivestimento.

Placchette con angolo assiale positivo/negativo molto elevato per una migliore finitura con una maggiore velocità di avanzamento. Il taglio frazionato e distanziato elicoidale permette per una migliore evacuazione del truciolo con riduzione della rumorosità.

Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.

Diamante altezza 4 mm.

Forante in PCD.

Capacità di 8/10 riaffilature.

Used for CNC routing and contouring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Excellent finish both on panel and coating.

High degree positive and negative tips axial angle for better finishing and higher feeding speed.

Split compression type cut with generous chip pocket granting an higher dust evacuation rate and a lower noise level.

Ground shank suitable for heat shrinking chucks, Sino or Tribos™.

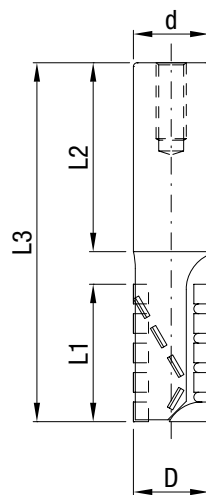
PCD plunge cut.

Average 8-10 resharpening.



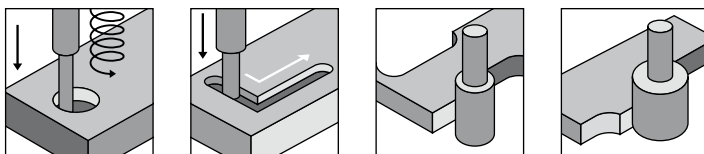
## XP2 Forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 3800012 | 3800013 | 20 | 24 | 20 | 50 | 85  | 2+2 |
| 3800020 | 3800021 | 20 | 24 | 25 | 55 | 90  | 2+2 |
| 3800028 | 3800029 | 20 | 28 | 20 | 50 | 85  | 2+2 |
| 3800036 | 3800037 | 20 | 28 | 25 | 55 | 90  | 2+2 |
| 3800044 | 3800045 | 20 | 36 | 20 | 50 | 95  | 2+2 |
| 3800052 | 3800053 | 20 | 36 | 25 | 55 | 100 | 2+2 |
| 3800060 | 3800061 | 20 | 48 | 20 | 50 | 105 | 2+2 |
| 3800068 | 3800069 | 20 | 48 | 25 | 55 | 110 | 2+2 |
| 3800076 | 3800077 | 25 | 24 | 25 | 55 | 90  | 2+2 |
| 3800084 | 3800085 | 25 | 28 | 20 | 50 | 85  | 2+2 |
| 3800092 | 3800093 | 25 | 28 | 25 | 55 | 90  | 2+2 |
| 3800100 | 3800101 | 25 | 36 | 20 | 50 | 95  | 2+2 |
| 3800108 | 3800109 | 25 | 36 | 25 | 55 | 100 | 2+2 |
| 3800116 | 3800117 | 25 | 48 | 20 | 50 | 105 | 2+2 |
| 3800124 | 3800125 | 25 | 48 | 25 | 55 | 110 | 2+2 |
| 3800132 | 3800133 | 25 | 55 | 20 | 50 | 115 | 2+2 |
| 3800140 | 3800141 | 25 | 55 | 25 | 55 | 120 | 2+2 |
| 3800148 | 3800149 | 25 | 68 | 20 | 50 | 128 | 2+2 |
| 3800156 | 3800157 | 25 | 68 | 25 | 55 | 133 | 2+2 |
| 3800164 | 3800165 | 25 | 86 | 20 | 50 | 145 | 2+2 |
| 3800172 | 3800173 | 25 | 86 | 25 | 55 | 150 | 2+2 |



# PUNTE PER PANTOGRAFO HP2

## HP Router Bits



Punte per pantografo ideali per la pantografatura e fresatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, su macchine CNC.  
Ottima finitura sul pannello e sul rivestimento.  
Placchette con angolo assiale positivo/negativo.  
Scarico del truciolo raggiato per una migliore evacuazione del truciolo ed una ridotta rumorosità.  
Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.  
Possibilità di scelta tra forante in HM o in PCD.  
Capacità di 2/3 riaffilature per serie HP2.  
Capacità di 8/10 riaffilature per serie HP4.

Used for CNC routing and contouring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.  
Excellent finish both on panel and coating.  
Positive and negative tips axial angle.  
Compression type cut with radius chip pocket.  
Ground shank suitable for heat shrinking chucks, Sino or Tribos™  
Available Carbide or PCD Plunge cut  
Average 2-3 resharpening (HP2 series)  
Average 8-10 resharpening (HP4 series)

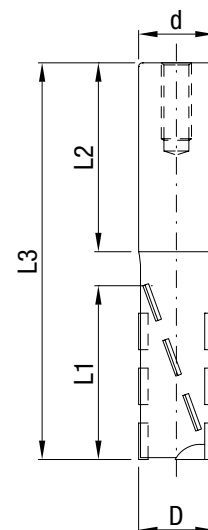


### “HP2” con forante in HM · Carbide Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 3500104 | 3500105 | 16 | 23 | 20 | 50 | 85  | 2+2 |
| 3500112 | 3500113 | 18 | 27 | 20 | 50 | 85  | 2+2 |
| 3500120 | 3500121 | 18 | 27 | 25 | 55 | 90  | 2+2 |
| 3500128 | 3500129 | 18 | 36 | 20 | 50 | 95  | 2+2 |
| 3500136 | 3500137 | 18 | 36 | 25 | 55 | 100 | 2+2 |
| 3500144 | 3500145 | 20 | 27 | 20 | 50 | 85  | 2+2 |
| 3500152 | 3500153 | 20 | 27 | 25 | 55 | 90  | 2+2 |
| 3500160 | 3500161 | 20 | 36 | 20 | 50 | 95  | 2+2 |
| 3500168 | 3500169 | 20 | 36 | 25 | 55 | 100 | 2+2 |
| 3500176 | 3500177 | 20 | 46 | 20 | 50 | 105 | 2+2 |
| 3500184 | 3500185 | 20 | 46 | 25 | 55 | 110 | 2+2 |
| 3500216 | 3500217 | 20 | 57 | 20 | 50 | 117 | 2+2 |
| 3500224 | 3500225 | 20 | 57 | 25 | 55 | 122 | 2+2 |
| 3500192 | 3500193 | 25 | 67 | 20 | 50 | 126 | 2+2 |
| 3500200 | 3500201 | 25 | 67 | 25 | 55 | 133 | 2+2 |
| 3500208 | 3500209 | 25 | 86 | 25 | 55 | 150 | 2+2 |

### “HP2” con forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 3501104 | 3501105 | 16 | 23 | 20 | 50 | 85  | 2+2 |
| 3501112 | 3501113 | 18 | 27 | 20 | 50 | 85  | 2+2 |
| 3501120 | 3501121 | 18 | 27 | 25 | 55 | 90  | 2+2 |
| 3501128 | 3501129 | 18 | 36 | 20 | 50 | 95  | 2+2 |
| 3501136 | 3501137 | 18 | 36 | 25 | 55 | 100 | 2+2 |



# PUNTE PER PANTOGRAFO HP2

## HP Router Bits

“HP2” con forante in PCD · PCD Plunge Cut

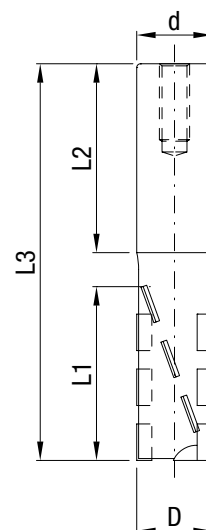
| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 3501144 | 3501145 | 20 | 27 | 20 | 50 | 85  | 2+2 |
| 3501152 | 3501153 | 20 | 27 | 25 | 55 | 90  | 2+2 |
| 3501160 | 3501161 | 20 | 36 | 20 | 50 | 95  | 2+2 |
| 3501168 | 3501169 | 20 | 36 | 25 | 55 | 100 | 2+2 |
| 3501176 | 3501177 | 20 | 46 | 20 | 50 | 105 | 2+2 |
| 3501184 | 3501185 | 20 | 46 | 25 | 55 | 110 | 2+2 |
| 3501216 | 3501217 | 20 | 57 | 20 | 50 | 117 | 2+2 |
| 3501224 | 3501225 | 20 | 57 | 25 | 55 | 122 | 2+2 |
| 3501192 | 3501193 | 25 | 67 | 20 | 50 | 126 | 2+2 |
| 3501200 | 3501201 | 25 | 67 | 25 | 55 | 133 | 2+2 |
| 3501208 | 3501209 | 25 | 86 | 25 | 55 | 150 | 2+2 |

“HP4” con forante in HM · Carbide Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 3500500 | 3500501 | 20 | 27 | 20 | 50 | 85  | 2+2 |
| 3500508 | 3500509 | 20 | 27 | 25 | 55 | 90  | 2+2 |
| 3500516 | 3500517 | 20 | 36 | 20 | 50 | 95  | 2+2 |
| 3500524 | 3500525 | 20 | 36 | 25 | 55 | 100 | 2+2 |
| 3500532 | 3500533 | 25 | 46 | 20 | 50 | 105 | 2+2 |
| 3500540 | 3500541 | 25 | 46 | 25 | 55 | 110 | 2+2 |
| 3500548 | 3500549 | 25 | 67 | 25 | 55 | 133 | 2+2 |
| 3500556 | 3500557 | 25 | 86 | 25 | 55 | 150 | 2+2 |

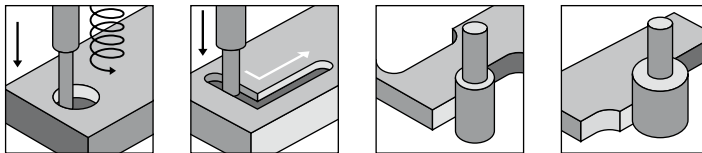
“HP4” con forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z   |
|---------|---------|----|----|----|----|-----|-----|
| 3501500 | 3501501 | 20 | 27 | 20 | 50 | 85  | 2+2 |
| 3501508 | 3501509 | 20 | 27 | 25 | 55 | 90  | 2+2 |
| 3501516 | 3501517 | 20 | 36 | 20 | 50 | 95  | 2+2 |
| 3501524 | 3501525 | 20 | 36 | 25 | 55 | 100 | 2+2 |
| 3501532 | 3501533 | 25 | 46 | 20 | 50 | 105 | 2+2 |
| 3501540 | 3501541 | 25 | 46 | 25 | 55 | 110 | 2+2 |
| 3501548 | 3501549 | 25 | 67 | 25 | 55 | 133 | 2+2 |
| 3501556 | 3501557 | 25 | 86 | 25 | 55 | 150 | 2+2 |



# PUNTE PER PANTOGRAFO TOP 2

## TOP 2 Router Bits



Punte per pantografo ideali per la pantografatura e fresatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, su macchine CNC.

Ottima finitura sul pannello e sul rivestimento.

Placchette con angolo assiale positivo/negativo con prevalenza della parte negativa.

Il taglio frazionato e lo scarico del truciolo raggiato permettono una buona evacuazione del truciolo e un'elevata velocità di avanzamento.

Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.

Forante in PCD.

Capacità di 8/10 riaffilature.

Used for CNC routing and contouring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Excellent finish both on panel and coating.

Positive and negative tips axial angle, with prevalence of negative ones.

Split compression type cut with generous chip pocket granting a higher dust evacuation rate and a greater feeding speed.

Ground shank suitable for heat shrinking chucks, Sino or Tribos™.

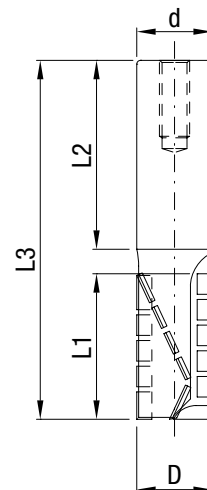
PCD plunge cut.

Average 8-10 resharpening.



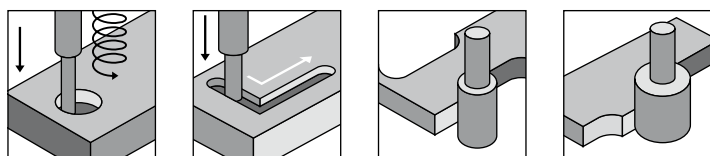
### Top 2 con forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH |    | L1 | d  | L2 | L3  | Z |
|---------|---------|----|----|----|----|-----|---|
| 2900200 | 2900201 | 18 | 22 | 20 | 50 | 85  | 3 |
| 2900202 | 2900203 | 20 | 28 | 20 | 50 | 85  | 3 |
| 2900204 | 2900205 | 20 | 38 | 20 | 50 | 95  | 3 |
| 2900206 | 2900207 | 20 | 45 | 20 | 50 | 105 | 3 |
| 2900208 | 2900209 | 20 | 28 | 25 | 55 | 90  | 3 |
| 2900210 | 2900211 | 20 | 38 | 25 | 55 | 100 | 3 |
| 2900212 | 2900213 | 25 | 28 | 25 | 55 | 90  | 3 |
| 2900214 | 2900215 | 25 | 38 | 25 | 55 | 105 | 3 |
| 2900216 | 2900217 | 25 | 45 | 25 | 55 | 110 | 3 |
| 2900218 | 2900219 | 25 | 55 | 25 | 55 | 123 | 3 |
| 2900220 | 2900221 | 25 | 64 | 25 | 55 | 130 | 3 |
| 2900222 | 2900223 | 25 | 85 | 25 | 55 | 150 | 3 |



# PUNTE PER PANTOGRAFO EVO

## EVO Router Bits



Punte per pantografo ideali per la scontornatura e la fresatura di pannelli in truciolare e MDF nobilitati e grezzi, su macchine Cnc.

Taglio di qualità straordinariamente elevata, sia su pannello grezzo che rivestito, ideale per avanzamenti elevati sia sul dritto che sui repentini cambi di direzione.

Performance elevatissime, grazie alle placchette dall'accentuato angolo assiale positivo/negativo, con la maggior parte dei taglienti disposti in positivo, con la spirale completamente traente, studiata per l'evacuazione del truciolo verso l'alto.

Forante in PCD.

Router bits ideal for milling and contouring chipboards, Mdf, with or without veneer, used on CNC machines.

Extremely high cutting quality on raw panel and coating, ideal for high feeding speed, both for straight and split cuts.

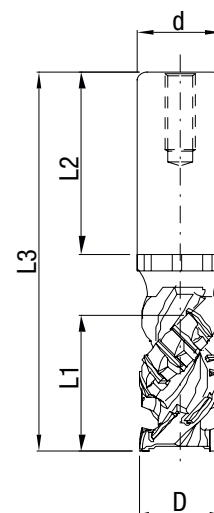
Very high performance thanks to positive and negative tips axial angle, mostly positive and to the top whirl dust evacuation.

PCD Plunge cut.



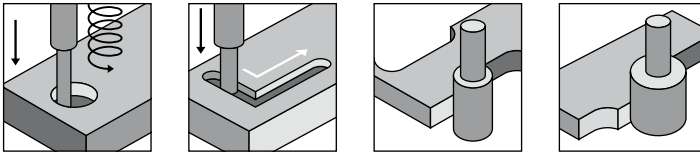
### EVO con forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z |
|---------|---------|----|----|----|----|-----|---|
| 3400012 |         | 20 | 28 | 20 | 50 | 93  | 2 |
| 3400020 |         | 25 | 28 | 25 | 55 | 98  | 2 |
| 3400028 |         | 20 | 45 | 20 | 50 | 110 | 2 |
| 3400034 |         | 25 | 45 | 25 | 55 | 115 | 2 |
| 3400042 |         | 25 | 55 | 25 | 55 | 127 | 2 |
| 3400050 |         | 25 | 67 | 25 | 55 | 137 | 2 |



# PUNTE PER PANTOGRAFO NESTING

## Nesting Router Bits



Punte per pantografo studiate per la lavorazione specifica del NESTING, Ideali per pantografatura e fresatura di pannelli in truciolare, MDF e multistrato sia grezzi che rivestiti, da utilizzare su macchine CNC. Ottima finitura sul pannello e sul rivestimento, Placchette con angolo assiale positivo/negativo con prevalenza della parte positiva.

Il taglio frazionato permette una buona evacuazione del truciolo.

Gambo rettificato idoneo anche al calettamento termico, Tribos, o Sino

Forante in PCD

Capacità di 4/6 affilature

Router studied for Nesting, ideal for milling and contouring chipboards, Mdf, with or without veneer, used on CNC machines.

Excellent finishing both on panel and coating. Tips with positive/negative axial angle, mostly positive.

Split cuts allowing a good dust evacuation.

Ground shank suitable for heat shrinking chucks, Sino or Tribos.

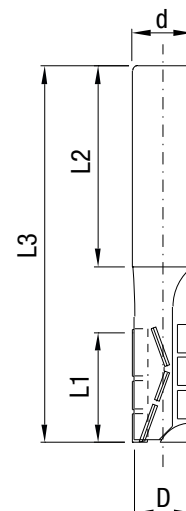
PCD Plunge cut.

4/6 re-sharpening available.



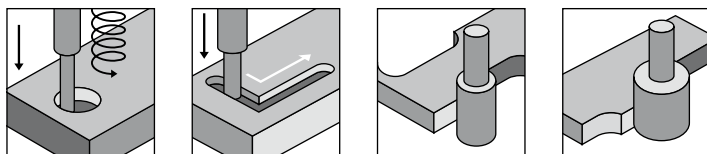
### Nesting con forante in PCD - PCD plunge cut

| CODE RH | D  | L1 | d  | L2 | L3 | Z |
|---------|----|----|----|----|----|---|
| 3602202 | 10 | 22 | 12 | 40 | 75 | 2 |
| 3602204 | 12 | 22 | 12 | 40 | 75 | 3 |
| 3602206 | 12 | 27 | 12 | 40 | 75 | 3 |
| 3602208 | 12 | 33 | 12 | 40 | 85 | 3 |
| 3602210 | 14 | 22 | 16 | 50 | 85 | 3 |
| 3602212 | 14 | 27 | 16 | 50 | 85 | 3 |
| 3602214 | 14 | 33 | 16 | 50 | 95 | 3 |



# PUNTE PER PANTOGRAFO TOP HD

## TOP HD Router Bits



Punte per pantografo ideali per la pantografatura e fresatura di pannelli ad elevato spessore in Truciolare e MDF grezzi o nobilitati, multistrati, su macchine CNC. Grazie al corpo in materiale antivibrante permette di avere velocità di avanzamento superiori con una contemporanea riduzione della rumorosità.

Il taglio frazionato permette una buona evacuazione del truciolo.

Ottima finitura sul pannello e sul rivestimento

Placchette con angolo assiale positivo/negativo con prevalenza della parte negativa.

Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.

Forante in PCD.

Capacità di 8/10 riaffilature.

Used for CNC routing and contouring chipboard, MDF, HDF and plywood high wallthickness panels with or without veneer, paper or plastic coatings. Thanks to the vibration resistant body, higher feeding speeds and lower noise can be achieved.

Split type cut with generous chip pocket granting a higher dust evacuation.

Excellent finish both on panel and coating.

Positive and negative tips axial angle, with prevalence of negative ones.

Ground shank suitable for heat shrinking chucks, Sino or Tribos™.

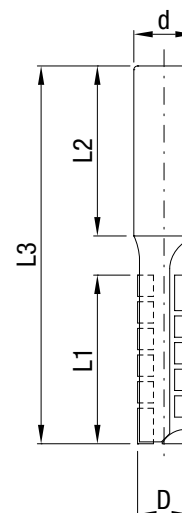
PCD plunge cut.

Average 8-10 resharpening.



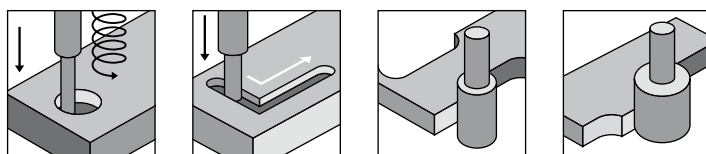
## Top HD con forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH | D  | L1  | d  | L3 | Z   | H |   |
|---------|---------|----|-----|----|----|-----|---|---|
| 2902202 | 2902203 | 10 | 23  | 12 | 40 | 75  | 2 | 3 |
| 2902204 | 2902205 | 12 | 27  | 12 | 40 | 75  | 2 | 3 |
| 2902206 | 2902207 | 12 | 38  | 12 | 40 | 90  | 2 | 3 |
| 2902218 | 2902219 | 12 | 22  | 12 | 40 | 75  | 3 | 3 |
| 2902220 | 2902221 | 12 | 27  | 12 | 40 | 75  | 3 | 3 |
| 2902208 | 2902209 | 14 | 45  | 16 | 50 | 100 | 2 | 3 |
| 2902210 | 2902211 | 16 | 55  | 16 | 50 | 100 | 3 | 3 |
| 2902212 | 2902213 | 20 | 67  | 20 | 50 | 125 | 3 | 4 |
| 2902214 | 2902215 | 22 | 75  | 20 | 50 | 125 | 3 | 4 |
| 2902216 | 2902217 | 25 | 105 | 25 | 55 | 170 | 3 | 4 |



# PUNTE PER PANTOGRAFO TOP R

## TOP R Router Bits



Punte per pantografo ideali per la pantografatura e fresatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, su macchine CNC.

Ottima finitura sul pannello e sul rivestimento.

Placchette con angolo assiale positivo/negativo con prevalenza della parte positiva.

Il taglio frazionato e lo scarico del truciolo raggiato permettono un'ottima evacuazione del truciolo diretta verso l'aspirazione e un'elevata velocità di avanzamento.

Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.

Forante in PCD.

Capacità di 8/10 riaffilature.

Used for CNC routing and contouring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

Excellent finish both on panel and coating.

Positive and negative tips axial angle, with prevalence of positive ones.

Split compression type cut with generous chip pocket granting an higher dust evacuation rate pointing directly to vacuum system and a greater feeding speed.

Ground shank suitable for heat shrinking chucks, Sino or Tribos™.

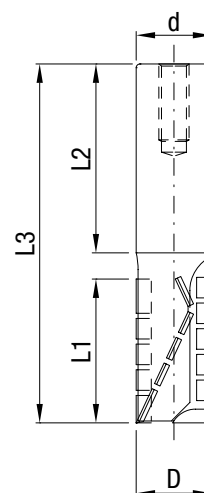
PCD plunge cut.

Average 8-10 resharpening.



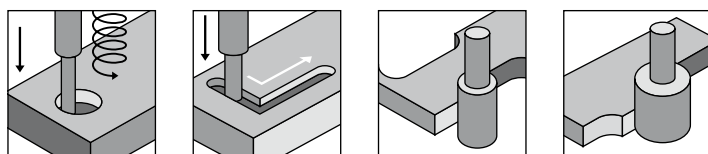
## Top R con forante in PCD · PCD Plunge Cut

| CODE RH | CODE LH | D  | L1 | d  | L2 | L3  | Z |
|---------|---------|----|----|----|----|-----|---|
| 3600020 | 3600021 | 18 | 22 | 20 | 50 | 85  | 3 |
| 3600022 | 3600023 | 20 | 28 | 20 | 50 | 85  | 3 |
| 3600024 | 3600025 | 20 | 38 | 20 | 50 | 95  | 3 |
| 3600026 | 3600027 | 20 | 45 | 20 | 50 | 105 | 3 |
| 3600028 | 3600029 | 20 | 28 | 25 | 55 | 90  | 3 |
| 3600030 | 3600031 | 20 | 38 | 25 | 55 | 100 | 3 |
| 3600032 | 3600033 | 25 | 28 | 25 | 55 | 90  | 3 |
| 3600034 | 3600035 | 25 | 38 | 25 | 55 | 105 | 3 |
| 3600036 | 3600037 | 25 | 45 | 25 | 55 | 110 | 3 |
| 3600038 | 3600039 | 25 | 55 | 25 | 55 | 123 | 3 |
| 3600040 | 3600041 | 25 | 62 | 25 | 55 | 130 | 3 |
| 3600042 | 3600043 | 25 | 85 | 25 | 55 | 150 | 3 |



# PUNTE PER PANTOGRAFO DR

## DR Router Bits



Punte per pantografo a doppio senso di rotazione ideali per la pantografatura e fresatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, su macchine CNC.

Permette di eseguire la squadratura senza la necessità di effettuare il cambio dell'utensile per salvare lo spigolo dei pannelli. L'esecuzione elicoidale nella parte superiore permette un'elevata velocità di avanzamento. La parte inferiore può essere scelta fra Z1+1(Basic) o Z3 (Plus) a seconda delle velocità e metrature desiderate nella sezione a rotazione Sinistra.

Ottima finitura sul pannello e sul rivestimento.

DR Basic con forante in HM.

DR Plus con forante in PCD.

Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.

Capacità di 8/10 riaffilature.

Right and left hand rotation router bits, suitable for CNC routing and contouring chipboard, MDF, HDF and plywood panels with or without veneer, paper or plastic coatings.

No change over is required when squaring panel, preserving corner integrity.

Helicoidal design of top section delivers high feeding speed.

Bottom section can be either Z1+1 (Basic) or Z3 (Plus) depending on speeds and overall production rate required.

Excellent finish both on panel and coating.

Carbide plunge cut (DR Plus).

PCD plunge cut (DR Plus).

Ground shank suitable for heat shrinking chucks, Sino or Tribos™.

Average 8-10 resharpening.

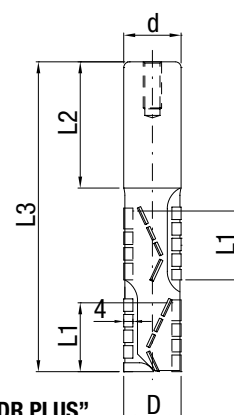
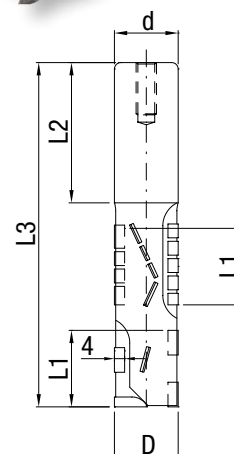


### “DR BASIC” con forante in HM · Carbide Plunge Cut

| CODE    | D  | L1 | d  | L2 | L3  | Z |
|---------|----|----|----|----|-----|---|
| 1900020 | 25 | 22 | 25 | 55 | 120 | 3 |
| 1900022 | 25 | 26 | 25 | 55 | 125 | 3 |
| 1900024 | 25 | 30 | 25 | 55 | 135 | 3 |
| 1900026 | 25 | 34 | 25 | 55 | 145 | 3 |

### “DR PLUS” con forante in PCD · PCD Plunge Cut

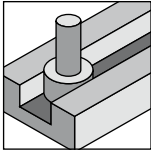
|         | D  |    | d  |    | L3  |   |
|---------|----|----|----|----|-----|---|
| 1901020 | 25 | 22 | 25 | 55 | 120 | 3 |
| 1901022 | 25 | 26 | 25 | 55 | 125 | 3 |
| 1901024 | 25 | 30 | 25 | 55 | 135 | 3 |
| 1901026 | 25 | 34 | 25 | 55 | 145 | 3 |



Type “DR PLUS”

# PUNTE PER PANTOGRAFO “SMART”

“SMART” straight Router Bits



Punte per pantografo ideali nella fresatura e scanalatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, HPL integrale, materie plastiche a spessore, su macchine CNC.

Ottima finitura sul pannello e sul rivestimento.

Placchette Lucide con angolo assiale negativo o neutro.

Corpo in HM integrale fino a D12.

Forante in PCD.

Capacità di 3/4 riaffilature.

Used for CNC routing and contouring chipboard, MDF, HDF, HPL, plywood and sandwich panels with or without veneer, paper or plastic coatings.

Excellent finish both on panel and coating.

Polished PCD tips with negative or null axial angle.

Full Carbide body up to ø12

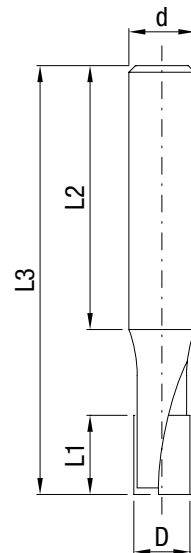
PCD plunge cut.

Average 3-4 resharpening.



## Smart con forante in PCD · PCD plunge cut

| CODE RH | CODE LH | D   | L1 | d  | L2 | L3 | Z | AXIAL |
|---------|---------|-----|----|----|----|----|---|-------|
| 3300100 | 3300101 | 5   | 8  | 10 | 40 | 55 | 1 | Neg.  |
| 3300108 | 3300109 | 5   | 8  | 12 | 40 | 55 | 1 | Neg.  |
| 3300116 | 3300117 | 5,5 | 8  | 10 | 40 | 55 | 1 | Neg.  |
| 3300124 | 3300125 | 5,5 | 8  | 12 | 40 | 55 | 1 | Neg.  |
| 3300132 | 3300133 | 6   | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300140 | 3300141 | 6   | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300148 | 3300149 | 6,2 | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300156 | 3300157 | 6,2 | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300164 | 3300165 | 6,5 | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300172 | 3300173 | 6,5 | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300180 | 3300181 | 6,8 | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300188 | 3300189 | 6,8 | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300196 | 3300197 | 7   | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300204 | 3300205 | 7   | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300212 | 3300213 | 7,2 | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300220 | 3300221 | 7,2 | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300228 | 3300229 | 7,5 | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300236 | 3300237 | 7,5 | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300244 | 3300245 | 7,8 | 12 | 10 | 40 | 70 | 1 | Neg.  |
| 3300252 | 3300253 | 7,8 | 12 | 12 | 40 | 70 | 1 | Neg.  |
| 3300260 | 3300261 | 8   | 15 | 10 | 40 | 70 | 2 | Neg.  |
| 3300268 | 3300269 | 8   | 15 | 12 | 40 | 70 | 2 | Neg.  |
| 3300276 | 3300277 | 8,5 | 15 | 10 | 40 | 70 | 2 | Neg.  |
| 3300284 | 3300285 | 8,5 | 15 | 12 | 40 | 70 | 2 | Neg.  |
| 3300292 | 3300293 | 9   | 15 | 10 | 40 | 70 | 2 | Neg.  |
| 3300300 | 3300301 | 9   | 15 | 12 | 40 | 70 | 2 | Neg.  |

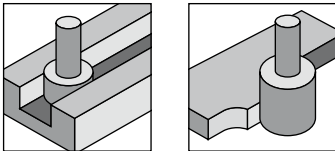


## Smart con forante in PCD · PCD plunge cut

| CODE RH | CODE LH | D    | L1 | d  | L2 | L3 | Z | AXIAL |
|---------|---------|------|----|----|----|----|---|-------|
| 3300308 | 3300309 | 9,5  | 15 | 10 | 40 | 70 | 2 | Neg.  |
| 3300316 | 3300317 | 9,5  | 15 | 12 | 40 | 70 | 2 | Neg.  |
| 3300324 | 3300325 | 10   | 15 | 10 | 40 | 70 | 2 | Neg.  |
| 3300332 | 3300333 | 10   | 15 | 12 | 40 | 70 | 2 | Neg.  |
| 3300340 | 3300341 | 10   | 22 | 10 | 40 | 70 | 2 | 0     |
| 3300348 | 3300349 | 10   | 22 | 12 | 40 | 70 | 2 | 0     |
| 3300356 | 3300357 | 10,5 | 15 | 10 | 40 | 70 | 2 | Neg.  |
| 3300364 | 3300365 | 10,5 | 15 | 12 | 40 | 70 | 2 | Neg.  |
| 3300372 | 3300373 | 12   | 25 | 12 | 40 | 70 | 2 | 0     |
| 3300380 | 3300381 | 16   | 25 | 16 | 50 | 85 | 2 | 0     |
| 3300388 | 3300389 | 16   | 25 | 20 | 50 | 85 | 2 | 0     |
| 3300396 | 3300397 | 16   | 35 | 16 | 50 | 95 | 2 | 0     |
| 3300404 | 3300405 | 16   | 35 | 20 | 50 | 95 | 2 | 0     |
| 3300412 | 3300413 | 20   | 25 | 20 | 50 | 95 | 2 | 0     |
| 3300420 | 3300421 | 20   | 35 | 20 | 50 | 95 | 2 | 0     |
| 3300428 | 3300429 | 20   | 25 | 25 | 50 | 95 | 2 | 0     |
| 3300436 | 3300437 | 20   | 35 | 25 | 50 | 95 | 2 | 0     |

# PUNTE PER PANTOGRAFO SAGOMATE

## Profile Router Bits



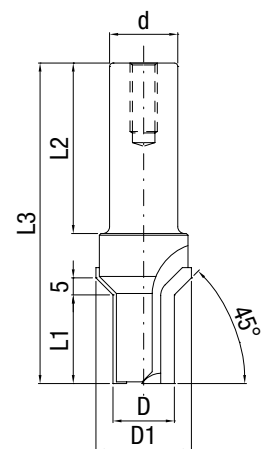
Punte per pantografo ideali per la profilatura di pannelli in Truciolare e MDF grezzi o nobilitati, multistrati, HPL e le principali materie plastiche su macchine CNC.  
Diamante Lucido.  
Gambo rettificato idoneo anche al calettamento termico, Tribos o Sino.  
Ottima finitura sul pannello e sul rivestimento.  
Capacità di 8/10 riaffilature.

Used for CNC routing and profiling chipboard, MDF, HDF, HPL and plywood panels with or without veneer, paper or plastic coatings.  
Polished PCD.  
Ground shank suitable for heat shrinking chucks, Sino or Tribos™.  
Very good finish both on panel and coating.  
Average 8-10 resharpening.



### Type A con forante in PCD · PCD plunge cut

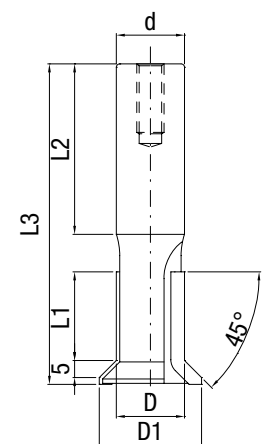
| CODE RH | CODE LH | D  | D1 | L1 | d  | L2 | L3 | Z   |
|---------|---------|----|----|----|----|----|----|-----|
| 2602020 | 2602021 | 18 | 28 | 19 | 20 | 50 | 87 | 2+1 |
| 2602022 | 2602023 | 18 | 28 | 26 | 20 | 50 | 94 | 2+1 |
| 2602024 | 2602025 | 18 | 28 | 19 | 25 | 55 | 91 | 2+1 |
| 2602026 | 2602027 | 18 | 28 | 26 | 25 | 55 | 99 | 2+1 |



Type "A"

### Type B

| CODE RH | CODE LH | D  | D1 | L1 | d  | L2 | L3 | Z |
|---------|---------|----|----|----|----|----|----|---|
| 2603020 | 2603021 | 20 | 30 | 19 | 20 | 50 | 87 | 2 |
| 2603022 | 2603023 | 20 | 30 | 26 | 20 | 50 | 94 | 2 |
| 2603024 | 2603025 | 20 | 30 | 19 | 25 | 55 | 92 | 2 |
| 2603026 | 2603027 | 20 | 30 | 26 | 25 | 55 | 99 | 2 |

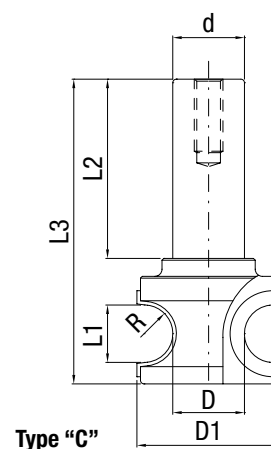


Type "B"



## Type C

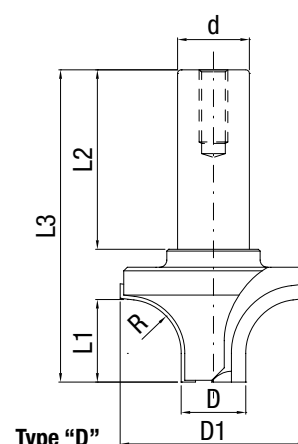
|         | CODE LH | D  | D1 | L1 | d  | L2 | L3 | Z | R  |
|---------|---------|----|----|----|----|----|----|---|----|
| 2600020 | 2600021 | 20 | 40 | 16 | 20 | 50 | 85 | 2 | 8  |
| 2600022 | 2600023 | 20 | 42 | 18 | 20 | 50 | 87 | 2 | 9  |
| 2600024 | 2600025 | 20 | 44 | 20 | 20 | 50 | 89 | 2 | 10 |
| 2600026 | 2600027 | 20 | 48 | 24 | 20 | 50 | 93 | 2 | 12 |
| 2600032 | 2600033 | 20 | 40 | 16 | 25 | 55 | 90 | 2 | 8  |
| 2600034 | 2600035 | 20 | 42 | 18 | 25 | 55 | 92 | 2 | 9  |
| 2600036 | 2600037 | 20 | 44 | 20 | 25 | 55 | 94 | 2 | 10 |
| 2600038 | 2600039 | 20 | 48 | 24 | 25 | 55 | 98 | 2 | 12 |



Type "C"

## Type D con forante in PCD · PCD plunge cut

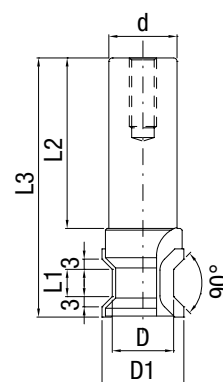
| CODE RH |         | D  | D1 | L1 | d  |    | Z  | R   |
|---------|---------|----|----|----|----|----|----|-----|
| 2601020 | 2601021 | 18 | 28 | 23 | 20 | 50 | 87 | 2+1 |
| 2601022 | 2601023 | 18 | 30 | 23 | 20 | 50 | 87 | 2+1 |
| 2601024 | 2601025 | 18 | 32 | 23 | 20 | 50 | 87 | 2+1 |
| 2601026 | 2601027 | 18 | 34 | 23 | 20 | 50 | 87 | 2+1 |
| 2601028 | 2601029 | 18 | 38 | 23 | 20 | 50 | 87 | 2+1 |
| 2601034 | 2601035 | 18 | 52 | 23 | 20 | 50 | 87 | 2+1 |
| 2601036 | 2601037 | 18 | 28 | 23 | 25 | 55 | 92 | 2+1 |
| 2601038 | 2601039 | 18 | 30 | 23 | 25 | 55 | 92 | 2+1 |
| 2601040 | 2601041 | 18 | 32 | 23 | 25 | 55 | 92 | 2+1 |
| 2601042 | 2601043 | 18 | 34 | 23 | 25 | 55 | 92 | 2+1 |
| 2601044 | 2601045 | 18 | 38 | 23 | 25 | 55 | 92 | 2+1 |



Type "D"

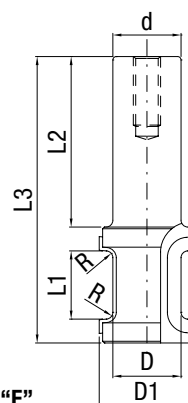
## Type E

| CODE RH | CODE LH | D  | D1 | L1 | d  | L2 | L3 | Z |
|---------|---------|----|----|----|----|----|----|---|
| 2604020 | 2604021 | 18 | 24 | 8  | 20 | 50 | 76 | 2 |
| 2604022 | 2604023 | 18 | 24 | 10 | 20 | 50 | 78 | 2 |
| 2604024 | 2604025 | 18 | 24 | 15 | 20 | 50 | 85 | 2 |
| 2604026 | 2604027 | 18 | 24 | 19 | 20 | 50 | 89 | 2 |



## Type F

| CODE RH |         | D  | D1 | L1 | d  | L2 | L3 | Z | R |
|---------|---------|----|----|----|----|----|----|---|---|
| 2605020 | 2605021 | 20 | 28 | 16 | 20 | 50 | 80 | 2 | 2 |
| 2605022 | 2605023 | 20 | 30 | 16 | 20 | 50 | 80 | 2 | 3 |
| 2605024 | 2605025 | 20 | 28 | 20 | 20 | 50 | 84 | 2 | 2 |
| 2605026 | 2605027 | 20 | 30 | 20 | 20 | 50 | 84 | 2 | 3 |



Type "F"

# PUNTE PER FORATRICE

Router Bits



**PUNTE PER CERNIERE**  
Hinge Boring Bits

Page  
129



**PUNTE PER FORATRICI CIECHE**  
Blind Holes Boring Bits

130



**PUNTE PER FORATRICI PASSANTI**  
Through Holes Boring Bits

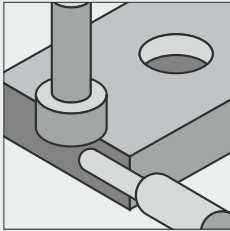
131



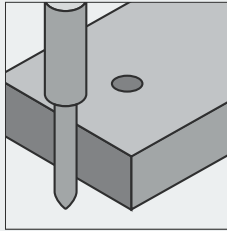
# 7 PUNTE PER FORATRICE Boring Bits

## LAVORAZIONE

Application



Forare cieco  
Blind holes

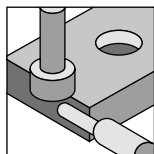


Forare passante  
Through holes



# PUNTE PER CERNIERE

## Hinge Boring Bits



Ideali nella foratura cieca dei pannelli in Truciolare e MDF grezzi o nobilitati e multistrati su macchine foratrici, Punto punto e centri di lavoro CNC orizzontali o verticali.

Ottima finitura senza scheggiature.

Estrema precisione del foro.

Taglio frazionato per una migliore penetrazione.

Piolino centrale ad altezza ridotta.

Attacco D10 componibile con pianetto.

Capacità di 6/8 riaffilature.

Used on boring machines and CNC routers for chipboard, MDF, HDF and sandwich panels with or without veneer.

Excellent finish both on panel and coating, without chipping.

Tight tolerances on bore diameter.

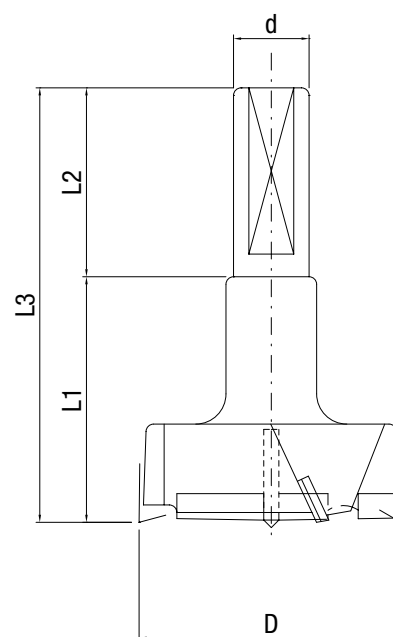
Split cut for smoother plunging.

Centering pin with reduced height.

Ø10 mm shank with flat side.

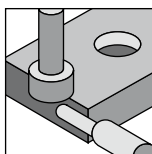
Average 6-8 resharpening.

| CODE RH | CODE LH | D    | L1   | d  | L2 | L3   | Z   |
|---------|---------|------|------|----|----|------|-----|
| 3201512 | 3201513 | 14   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201516 | 3201517 | 15   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201520 | 3201521 | 16   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201524 | 3201525 | 18   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201528 | 3201529 | 20   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201532 | 3201533 | 22   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201536 | 3201537 | 24   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201540 | 3201541 | 25   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201544 | 3201545 | 26   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201548 | 3201549 | 28   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201552 | 3201553 | 30   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201556 | 3201557 | 35   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201560 | 3201561 | 35,2 | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201564 | 3201565 | 35,5 | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201568 | 3201569 | 40   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201572 | 3201573 | 45   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201576 | 3201577 | 50   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201580 | 3201581 | 55   | 32,5 | 10 | 25 | 57,5 | 2+2 |
| 3201712 | 3201713 | 14   | 45   | 10 | 25 | 70   | 2+2 |
| 3201716 | 3201717 | 15   | 45   | 10 | 25 | 70   | 2+2 |
| 3201720 | 3201721 | 16   | 45   | 10 | 25 | 70   | 2+2 |
| 3201724 | 3201725 | 18   | 45   | 10 | 25 | 70   | 2+2 |
| 3201728 | 3201729 | 20   | 45   | 10 | 25 | 70   | 2+2 |
| 3201732 | 3201733 | 22   | 45   | 10 | 25 | 70   | 2+2 |
| 3201736 | 3201737 | 24   | 45   | 10 | 25 | 70   | 2+2 |
| 3201740 | 3201741 | 25   | 45   | 10 | 25 | 70   | 2+2 |
| 3201744 | 3201745 | 26   | 45   | 10 | 25 | 70   | 2+2 |
| 3201748 | 3201749 | 28   | 45   | 10 | 25 | 70   | 2+2 |
| 3201752 | 3201753 | 30   | 45   | 10 | 25 | 70   | 2+2 |
| 3201756 | 3201757 | 35   | 45   | 10 | 25 | 70   | 2+2 |
| 3201760 | 3201761 | 35,2 | 45   | 10 | 25 | 70   | 2+2 |
| 3201764 | 3201765 | 35,5 | 45   | 10 | 25 | 70   | 2+2 |
| 3201768 | 3201769 | 40   | 45   | 10 | 25 | 70   | 2+2 |
| 3201772 | 3201773 | 45   | 45   | 10 | 25 | 70   | 3+3 |
| 3201776 | 3201777 | 50   | 45   | 10 | 25 | 70   | 3+3 |
| 3201780 | 3201781 | 55   | 45   | 10 | 25 | 70   | 3+3 |



# PUNTE PER FORATRICE CIECHE

## Blind Holes Boring Bits

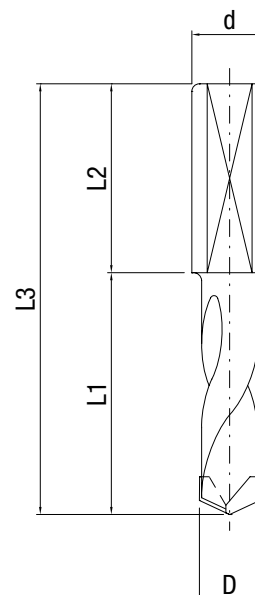


Ideali nella foratura cieca dei pannelli in Truciolare e MDF grezzi o nobilitati e multistrati su macchine foratrici, Punto punto e centri di lavoro CNC orizzontali o verticali.  
Ottima finitura senza scheggiature.  
Estrema precisione del foro.  
Attacco D10 componibile con pianetto.  
Capacità di 1-3 riaffilature.

Used on boring machines and CNC routers for chipboard, MDF, HDF and sandwich panels with or without veneer, plywood.  
Excellent finish both on panel and coating, without chipping.  
Tight tolerances on bore diameter.  
Ø10 mm shank with flat side.  
Average 1-3 resharpening.

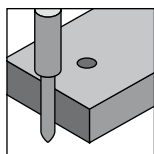


| CODE RH | CODE LH | D    | L1   | d  | L2 | L3   | Z |
|---------|---------|------|------|----|----|------|---|
| 3001012 | 3001013 | 5    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001016 | 3001017 | 5,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001020 | 3001021 | 6    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001024 | 3001025 | 6,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001028 | 3001029 | 7    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001032 | 3001033 | 7,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001028 | 3001029 | 8    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001032 | 3001033 | 8,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001036 | 3001037 | 10   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001040 | 3001041 | 10,5 | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001044 | 3001045 | 11   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001048 | 3001049 | 12   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001052 | 3001053 | 13   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3001112 | 3001113 | 5    | 45   | 10 | 25 | 70   | 2 |
| 3001116 | 3001117 | 5,5  | 45   | 10 | 25 | 70   | 2 |
| 3001120 | 3001121 | 6    | 45   | 10 | 25 | 70   | 2 |
| 3001124 | 3001125 | 6,5  | 45   | 10 | 25 | 70   | 2 |
| 3001128 | 3001129 | 7    | 45   | 10 | 25 | 70   | 2 |
| 3001132 | 3001133 | 7,5  | 45   | 10 | 25 | 70   | 2 |
| 3001128 | 3001129 | 8    | 45   | 10 | 25 | 70   | 2 |
| 3001132 | 3001133 | 8,5  | 45   | 10 | 25 | 70   | 2 |
| 3001136 | 3001137 | 10   | 45   | 10 | 25 | 70   | 2 |
| 3001140 | 3001141 | 10,5 | 45   | 10 | 25 | 70   | 2 |
| 3001144 | 3001145 | 11   | 45   | 10 | 25 | 70   | 2 |
| 3001148 | 3001149 | 12   | 45   | 10 | 25 | 70   | 2 |
| 3001152 | 3001153 | 13   | 45   | 10 | 25 | 70   | 2 |



# PUNTE PER FORATRICI PASSANTI

## Through Holes Boring Bits

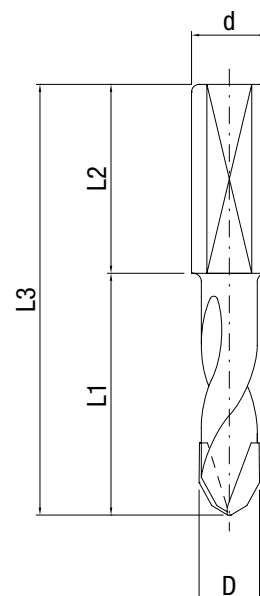


Ideali nella foratura passante dei pannelli in Truciolare e MDF grezzi o nobilitati e multistrati su macchine foratrici, Punto punto e centri di lavoro CNC orizzontali o verticali.  
Ottima finitura senza scheggiature.  
Estrema precisione del foro.  
Attacco D10 componibile con pianetto.  
Capacità di 1-3 riaffilature.

Used on boring machines and CNC routers for chipboard, MDF, HDF and sandwich panels with or without veneer, plywood.  
Excellent finish both on panel and coating, without chipping.  
Tight tolerances on bore diameter.  
Ø10 mm shank with flat side.  
Average 1-3 resharpening.



| CODE RH | CODE LH | D    | L1   | d  | L2 | L3   | Z |
|---------|---------|------|------|----|----|------|---|
| 3101012 | 3101013 | 5    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101016 | 3101017 | 5,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101020 | 3101021 | 6    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101024 | 3101025 | 6,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101028 | 3101029 | 7    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101032 | 3101033 | 7,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101028 | 3101029 | 8    | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101032 | 3101033 | 8,5  | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101036 | 3101037 | 10   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101040 | 3101041 | 10,5 | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101044 | 3101045 | 11   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101048 | 3101049 | 12   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101052 | 3101053 | 13   | 32,5 | 10 | 25 | 57,5 | 2 |
| 3101112 | 3101113 | 5    | 45   | 10 | 25 | 70   | 2 |
| 3101116 | 3101117 | 5,5  | 45   | 10 | 25 | 70   | 2 |
| 3101120 | 3101121 | 6    | 45   | 10 | 25 | 70   | 2 |
| 3101124 | 3101125 | 6,5  | 45   | 10 | 25 | 70   | 2 |
| 3101128 | 3101129 | 7    | 45   | 10 | 25 | 70   | 2 |
| 3101132 | 3101133 | 7,5  | 45   | 10 | 25 | 70   | 2 |
| 3101128 | 3101129 | 8    | 45   | 10 | 25 | 70   | 2 |
| 3101132 | 3101133 | 8,5  | 45   | 10 | 25 | 70   | 2 |
| 3101136 | 3101137 | 10   | 45   | 10 | 25 | 70   | 2 |
| 3101140 | 3101141 | 10,5 | 45   | 10 | 25 | 70   | 2 |
| 3101144 | 3101145 | 11   | 45   | 10 | 25 | 70   | 2 |
| 3101148 | 3101149 | 12   | 45   | 10 | 25 | 70   | 2 |
| 3101152 | 3101153 | 13   | 45   | 10 | 25 | 70   | 2 |



# ACCESSORI

Accessories



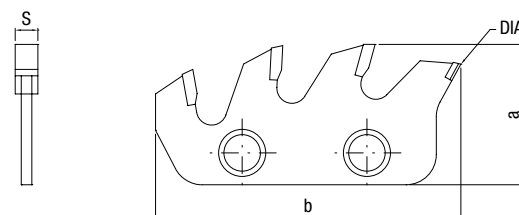


# ACCESSORI

## Accessories

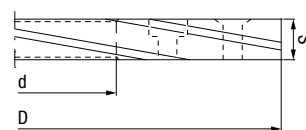
Settore intercambiabile PCD+HM per truciolatori  
Interchangeable PCD+HM segment for hogging units

| COD. RH | COD. LH | a  | b  | S | H |
|---------|---------|----|----|---|---|
| 0506020 | 0506021 | 38 | 80 | 4 | 6 |



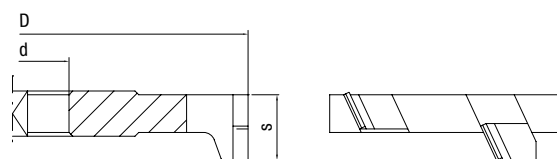
Corona per truciolatori a settori  
Crown for Hogging Units with Interch. Segments

| COD. RH | COD. LH | D   | S  | d  | Z |
|---------|---------|-----|----|----|---|
| 0507020 | 0507021 | 210 | 15 | 80 | 6 |



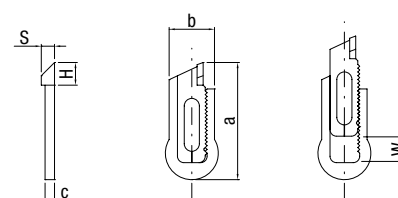
Modulo per teste antischeggia registrabili  
Module for Anti-Chipping Adjust. Tool Heads

| COD. RH | COD. LH | D   | S    | d (dkn) | Z | H |
|---------|---------|-----|------|---------|---|---|
| 0902020 | 0902021 | 200 | 17,4 | 40      | 4 | 5 |
| 0902022 | 0902023 | 200 | 17,4 | 40      | 5 | 5 |
| 0902024 | 0902025 | 200 | 17,4 | 40      | 6 | 5 |
| 0902026 | 0902027 | 200 | 17,4 | 40      | 8 | 5 |



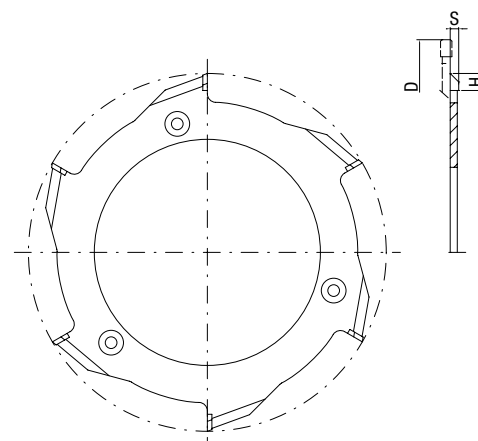
Tassello spigolatore registrabile per frese per canali  
Adjustable spur for grooving cutters

| COD. RH | COD. LH | a  | b  | S   | H | W  |
|---------|---------|----|----|-----|---|----|
| 4100020 | 4100021 | 31 | 13 | 3,5 | 6 | 10 |



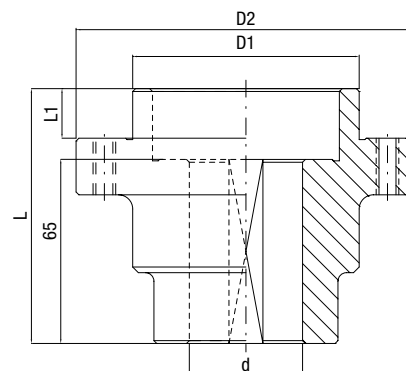
Fresa spigolatore per frese per canali  
Bevel cutter for grooving cutters

| COD. RH | COD. LH | D   | S   | Z | H |
|---------|---------|-----|-----|---|---|
| 4200020 | 4200021 | 100 | 3,5 | 4 | 6 |
| 4200022 | 4200023 | 100 | 3,5 | 6 | 6 |
| 4200024 | 4200025 | 125 | 3,5 | 4 | 6 |
| 4200026 | 4200027 | 125 | 3,5 | 6 | 6 |
| 4200028 | 4200029 | 150 | 3,5 | 4 | 6 |
| 4200030 | 4200031 | 150 | 3,5 | 6 | 6 |
| 4200032 | 4200033 | 180 | 3,5 | 4 | 6 |
| 4200034 | 4200035 | 180 | 3,5 | 6 | 6 |
| 4200036 | 4200037 | 200 | 3,5 | 4 | 6 |
| 4200038 | 4200039 | 200 | 3,5 | 6 | 6 |



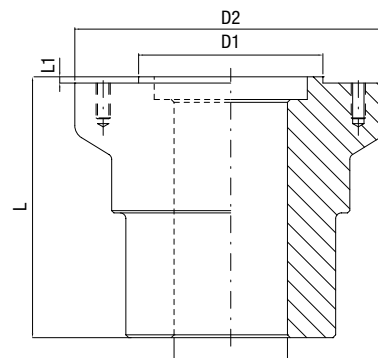
## Mozzo meccanico per truciolatore Mechanical sleeve for hogging units

| CODE           | d (DKN) | D1 | D2  | L  | L1   |
|----------------|---------|----|-----|----|------|
| <b>4300010</b> | 35      | 80 | 120 | 95 | 17,5 |
| <b>4300020</b> | 40      | 80 | 120 | 95 | 17,5 |



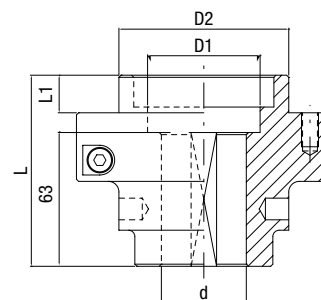
## Mozzo meccanico incisori Mechanical sleeve for scoring saws

| CODE           |    | D1 | D2  | L   | L1  |
|----------------|----|----|-----|-----|-----|
| <b>4301010</b> | 25 | 65 | 100 | 76  | 2,2 |
| <b>4301020</b> | 25 | 65 | 100 | 110 | 2,2 |
| <b>4301030</b> | 30 | 65 | 100 | 76  | 2,2 |
| <b>4301040</b> | 30 | 65 | 100 | 110 | 2,2 |



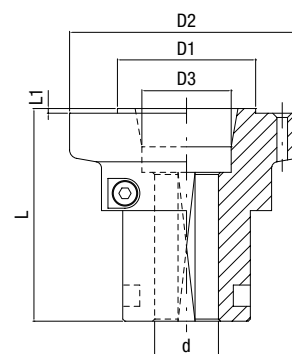
## HYDRO-GRIP EI

|                    | d (DKN) |    | D2 | L  | L1   |
|--------------------|---------|----|----|----|------|
| <b>EI-35/80-90</b> | 35      | 48 | 80 | 90 | 17,7 |
| <b>EI-40/80-90</b> | 40      | 53 | 80 | 90 | 17,7 |



## HYDRO-GRIP EI

| CODE                | d (DKN) | D1 | D2  | D3 | L   | L1  |
|---------------------|---------|----|-----|----|-----|-----|
| <b>EI-30/65-100</b> | 30      | 65 | 110 | 42 | 100 | 2,2 |
| <b>EI-35/65-100</b> | 35      | 65 | 110 | 48 | 100 | 2,2 |

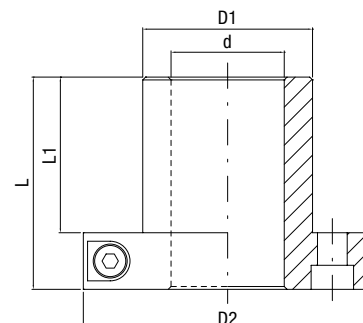


# ACCESSORI

## Accessories

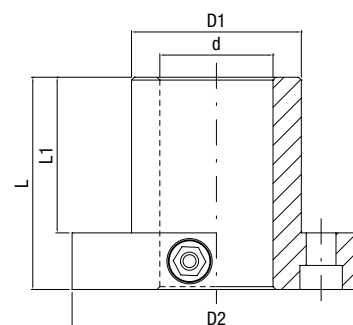
### HYDRO-GRIP CI Screw Type

| CODE         | d  | D1 | D2  | L   | L1  |
|--------------|----|----|-----|-----|-----|
| CI-40/50-75  | 40 | 50 | 100 | 75  | 55  |
| CI-40/60-75  | 40 | 60 | 102 | 75  | 55  |
| CI-40/60-95  | 40 | 60 | 108 | 95  | 75  |
| CI-40/60-115 | 40 | 60 | 108 | 115 | 95  |
| CI-40/60-140 | 40 | 60 | 114 | 140 | 115 |
| CI-50/60-75  | 50 | 60 | 102 | 75  | 55  |
| CI-50/60-95  | 50 | 60 | 108 | 95  | 75  |
| CI-50/60-115 | 50 | 60 | 108 | 115 | 95  |
| CI-50/60-140 | 50 | 60 | 114 | 140 | 115 |



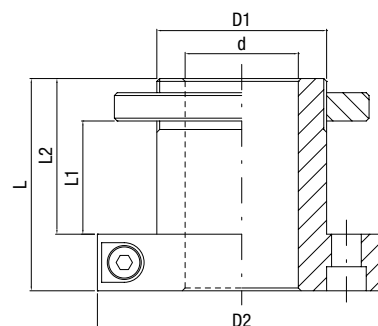
### HYDRO-GRIP C Grease Pump Type

| CODE        | d  | D1 | D2 | L   | L1  |
|-------------|----|----|----|-----|-----|
| C-40/50-75  | 40 | 50 | 83 | 75  | 55  |
| C-40/50-115 | 40 | 50 | 83 | 115 | 95  |
| C-40/50-190 | 40 | 50 | 83 | 190 | 170 |
| C-40/60-140 | 40 | 60 | 93 | 140 | 120 |
| C-40/60-165 | 40 | 60 | 93 | 165 | 145 |
| C-40/60-215 | 40 | 60 | 93 | 215 | 195 |
| C50/60-140  | 50 | 60 | 93 | 140 | 120 |
| C50/60-190  | 50 | 60 | 93 | 190 | 170 |
| C-50/60-230 | 50 | 60 | 93 | 230 | 210 |
| C-50/60-240 | 50 | 60 | 93 | 240 | 220 |



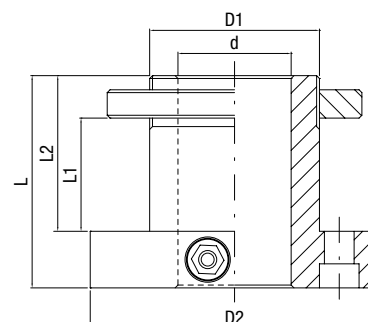
### HYDRO-GRIP BI Screw Type

| CODE         | d  | D1 | D2  | L   | L1  | L2  |
|--------------|----|----|-----|-----|-----|-----|
| BI-40/50-75  | 40 | 50 | 100 | 75  | 40  | 55  |
| BI-40/60-75  | 40 | 60 | 102 | 75  | 40  | 55  |
| BI-40/60-95  | 40 | 60 | 108 | 95  | 60  | 75  |
| BI-40/60-115 | 40 | 60 | 108 | 115 | 80  | 95  |
| BI-40/60-140 | 40 | 60 | 114 | 140 | 100 | 115 |
| BI-50/60-75  | 50 | 60 | 102 | 75  | 40  | 55  |
| BI-50/60-95  | 50 | 60 | 108 | 95  | 60  | 75  |
| BI-50/60-115 | 50 | 60 | 108 | 115 | 80  | 95  |
| BI-50/60-140 | 50 | 60 | 114 | 140 | 100 | 115 |



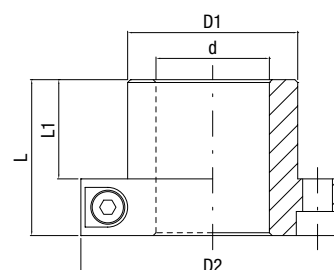
## HYDRO-GRIP B Grease Pump Type

| CODE        | d  | D1 | D2 | L   | L1  | L2  |
|-------------|----|----|----|-----|-----|-----|
| B-40/50-75  | 40 | 50 | 83 | 75  | 40  | 55  |
| B-40/50-115 | 40 | 50 | 83 | 115 | 80  | 95  |
| B40/50-190  | 40 | 50 | 83 | 190 | 155 | 170 |
| B-40/60-75  | 40 | 60 | 93 | 75  | 40  | 55  |
| B-40/60-95  | 40 | 60 | 93 | 95  | 60  | 75  |
| B-40/60-115 | 40 | 60 | 93 | 115 | 80  | 95  |
| B-40/60-140 | 40 | 60 | 93 | 140 | 105 | 120 |
| B-40/60-165 | 40 | 60 | 93 | 165 | 130 | 145 |
| B-40/60-215 | 40 | 60 | 93 | 215 | 180 | 195 |
| B-50/60-75  | 50 | 60 | 93 | 75  | 40  | 55  |
| B-50/60-95  | 50 | 60 | 93 | 95  | 60  | 75  |
| B-50/60-115 | 50 | 60 | 93 | 115 | 80  | 95  |
| B-50/60-140 | 50 | 60 | 93 | 140 | 105 | 120 |
| B-50/60-190 | 50 | 60 | 93 | 190 | 155 | 170 |
| B-50/60-230 | 50 | 60 | 93 | 230 | 195 | 210 |
| B-50/60-240 | 50 | 60 | 93 | 240 | 205 | 220 |



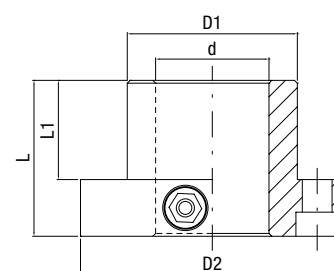
## HYDRO-GRIP AI Screw Type

| CODE        | d  | D1 | D2 | L  | L1 |
|-------------|----|----|----|----|----|
| AI-40/50-55 | 40 | 50 | 83 | 55 | 35 |
| AI-40/60-55 | 40 | 60 | 93 | 55 | 35 |
| AI-50/60-55 | 50 | 60 | 93 | 55 | 35 |
| AI-40/60-75 | 40 | 60 | 93 | 75 | 55 |
| AI-50/60-75 | 50 | 60 | 93 | 75 | 55 |



## HYDRO-GRIP A Grease Pump Type

| CODE       | d  | D1 | D2  | L  | L1 |
|------------|----|----|-----|----|----|
| A-40/60-55 | 40 | 60 | 93  | 55 | 35 |
| A-50/60-55 | 50 | 60 | 93  | 55 | 35 |
| A-40/60-75 | 40 | 60 | 93  | 75 | 55 |
| A-50/60-75 | 50 | 60 | 93  | 75 | 55 |
| A-60/70-55 | 60 | 70 | 105 | 55 | 35 |
| A-60/70-75 | 60 | 70 | 105 | 75 | 55 |

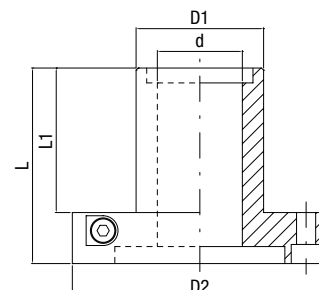


# ACCESSORI

## Accessories

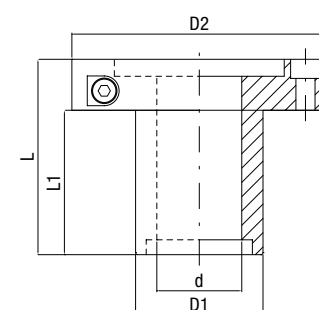
### HYDRO-GRIP EI Screw Type with Exagon

| CODE        | d  | D1 | D2  | L  | L1 |
|-------------|----|----|-----|----|----|
| EI-40/60-92 | 40 | 60 | 120 | 68 | 92 |



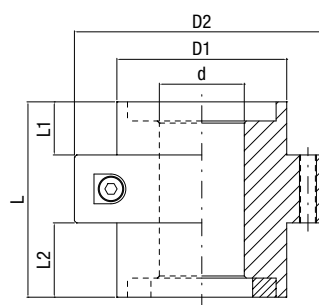
### HYDRO-GRIP EIS Screw Type with Exagon

| CODE         | d  | D1 | D2  | L  | L1 |
|--------------|----|----|-----|----|----|
| EIS-40/60-92 | 40 | 60 | 120 | 68 | 92 |



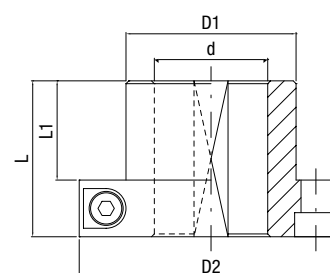
### HYDRO-GRIP EI Screw Type with Exagon

| CODE        | d  | D1 | D2  | L1 | L2 | L  |
|-------------|----|----|-----|----|----|----|
| EI-40/80-92 | 40 | 80 | 120 | 25 | 35 | 92 |



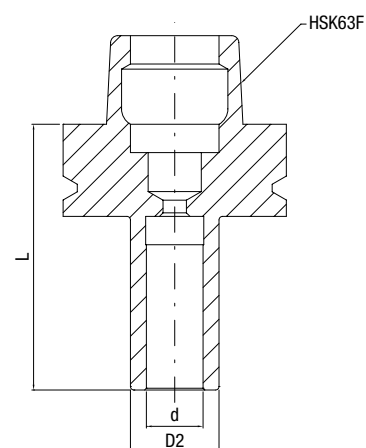
### HYDRO-GRIP AEI Screw Type

| CODE         | d (DKN) | D1 | D2 | L  | L1 |
|--------------|---------|----|----|----|----|
| AEI-30/60-55 | 30      | 60 | 93 | 55 | 35 |
| AEI-30/60-70 | 30      | 60 | 93 | 70 | 50 |
| AEI-35/60-55 | 35      | 60 | 93 | 55 | 35 |
| AEI-35/60-70 | 35      | 60 | 93 | 70 | 50 |
| AEI-40/60-55 | 40      | 60 | 93 | 55 | 35 |
| AEI-40/60-70 | 40      | 60 | 93 | 70 | 50 |



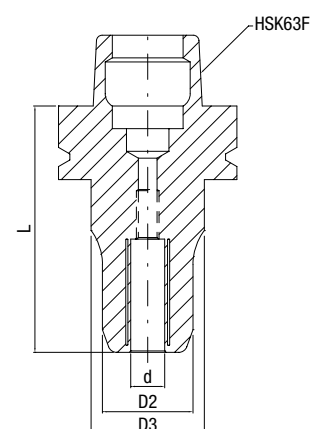
## Mandrino Tribos · Tribos Tool-Holder

| CODE    | d  | D2 | D3 |
|---------|----|----|----|
| 5103010 | 12 | 19 | 75 |
| 5103020 | 16 | 25 | 75 |
| 5103030 | 20 | 30 | 75 |
| 5103040 | 25 | 35 | 75 |



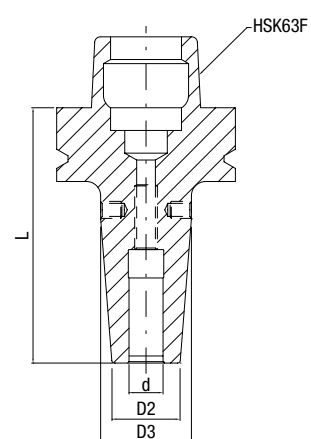
## Mandrino idraulico · Hydraulic Tool-Holder

| CODE    | d  | D2 | D3 | L   |
|---------|----|----|----|-----|
| 5100010 | 12 | 32 | 40 | 87  |
| 5100020 | 16 | 38 | 40 | 87  |
| 5100030 | 20 | 40 | 50 | 99  |
| 5100040 | 25 | 45 | 50 | 103 |



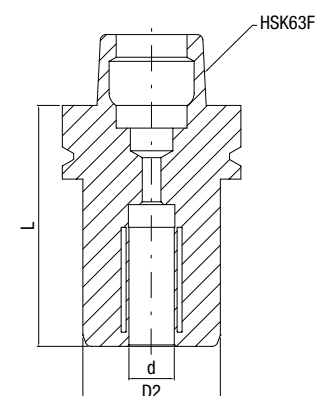
## Mandrino a calettamento termico · Shrink-Fit Tool-Holder

| CODE    | d  | D2 | D3 | L   |
|---------|----|----|----|-----|
| 5101010 | 6  | 21 | 27 | 80  |
| 5101020 | 8  | 21 | 27 | 80  |
| 5101030 | 10 | 24 | 32 | 85  |
| 5101040 | 12 | 24 | 32 | 90  |
| 5101050 | 14 | 27 | 31 | 90  |
| 5101060 | 16 | 27 | 34 | 95  |
| 5101070 | 20 | 33 | 42 | 100 |
| 5101080 | 25 | 44 | 53 | 115 |



## Mandrino a forte serraggio · Hard Chuck Tool-Holder

| CODE    | d  | D2 | L  |
|---------|----|----|----|
| 5102010 | 20 | 50 | 85 |
| 5102020 | 25 | 50 | 85 |



# ACCESSORI

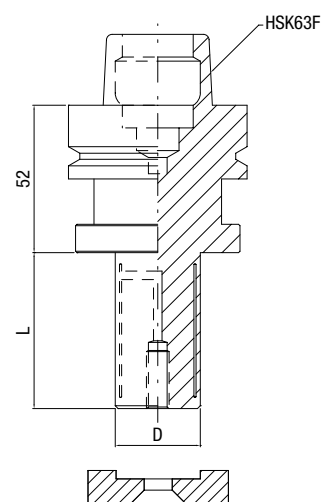
## Accessories

Pinze per mandrino a forte serraggio e idraulico  
Collets for Hard Chuck Tool-Holder and Hydraulic

| CODE    | D1 | D2 | L    |
|---------|----|----|------|
| 5300010 | 3  | 20 | 50,5 |
| 5300020 | 4  | 20 | 50,5 |
| 5300030 | 5  | 20 | 50,5 |
| 5300040 | 6  | 20 | 50,5 |
| 5300050 | 7  | 20 | 50,5 |
| 5300060 | 8  | 20 | 50,5 |
| 5300070 | 9  | 20 | 50,5 |
| 5300080 | 10 | 20 | 50,5 |
| 5300090 | 11 | 20 | 50,5 |
| 5300100 | 12 | 20 | 50,5 |
| 5300110 | 13 | 20 | 50,5 |
| 5300120 | 14 | 20 | 50,5 |
| 5300130 | 15 | 20 | 50,5 |
| 5300140 | 16 | 20 | 50,5 |
| 5300150 | 17 | 20 | 50,5 |
| 5301010 | 6  | 25 | 56,5 |
| 5301020 | 8  | 25 | 56,5 |
| 5301030 | 10 | 25 | 56,5 |
| 5301040 | 12 | 25 | 56,5 |
| 5301050 | 14 | 25 | 56,5 |
| 5301060 | 16 | 25 | 56,5 |
| 5301070 | 18 | 25 | 56,5 |
| 5301080 | 20 | 25 | 56,5 |

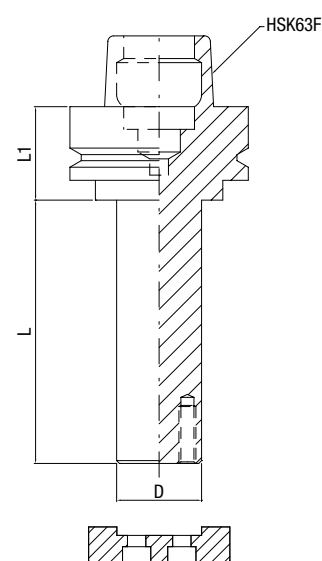
## HYDRO-GRIP GE

| CODE              | D  | L   |
|-------------------|----|-----|
| GE-20x40/HSK 63F  | 20 | 40  |
| GE-20x55/HSK 63F  | 20 | 55  |
| GE-25x40/HSK 63F  | 25 | 40  |
| GE-25x55/HSK 63F  | 25 | 55  |
| GE-30x40/HSK 63F  | 30 | 40  |
| GE-30x55/HSK 63F  | 30 | 55  |
| GE-30x80/HSK 63F  | 30 | 80  |
| GE-30x100/HSK 63F | 30 | 100 |



## Alberi portautensili · Tool-Holder Sleeves

| CODE    | D  | L   | L1 |
|---------|----|-----|----|
| 5200010 | 30 | 93  | 33 |
| 5200020 | 30 | 93  | 42 |
| 5200030 | 30 | 103 | 33 |
| 5200040 | 30 | 103 | 42 |
| 5200050 | 30 | 123 | 33 |
| 5200060 | 30 | 123 | 42 |
| 5200070 | 30 | 203 | 33 |
| 5200080 | 30 | 203 | 42 |
| 5201010 | 35 | 93  | 33 |
| 5201020 | 35 | 93  | 42 |
| 5201030 | 35 | 103 | 33 |
| 5201040 | 35 | 103 | 42 |
| 5201050 | 35 | 123 | 33 |
| 5201060 | 35 | 123 | 42 |
| 5201070 | 35 | 203 | 33 |
| 5201080 | 35 | 203 | 42 |
| 5202010 | 40 | 93  | 33 |
| 5202020 | 40 | 93  | 42 |
| 5202030 | 40 | 103 | 33 |
| 5202040 | 40 | 103 | 42 |
| 5202050 | 40 | 123 | 33 |
| 5202060 | 40 | 123 | 42 |
| 5202070 | 40 | 203 | 33 |
| 5202080 | 40 | 203 | 42 |

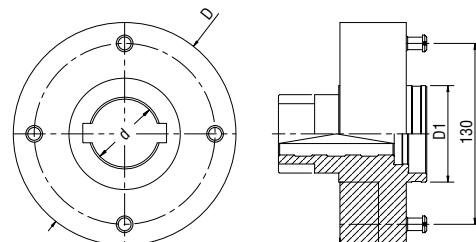


# ACCESSORI

## Accessories

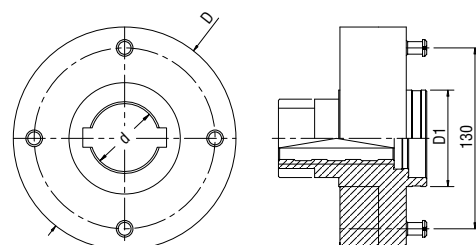
### FixAir 160

|                | D1 | D   | d (dkn) |
|----------------|----|-----|---------|
| <b>4900010</b> | 60 | 160 | 35      |
| <b>4900020</b> | 60 | 160 | 40      |



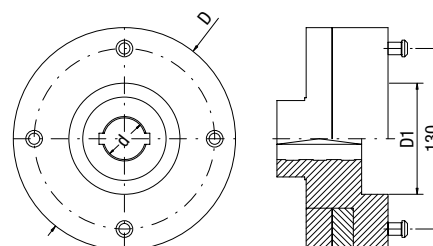
### FixAir 160 Hydro

| CODE           | D1 | D   | d (dkn) |
|----------------|----|-----|---------|
| <b>4901010</b> | 60 | 160 | 35      |
| <b>4901020</b> | 60 | 160 | 40      |



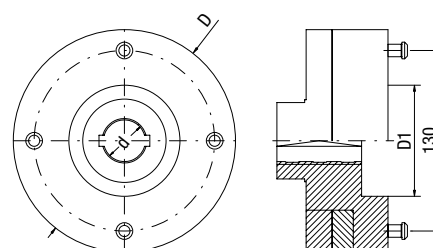
### FixAir 161

| CODE           | D1 | d2 | D   | d (dkn) |
|----------------|----|----|-----|---------|
| <b>4902010</b> | 60 | 80 | 160 | 35      |
| <b>4902020</b> | 60 | 80 | 160 | 40      |



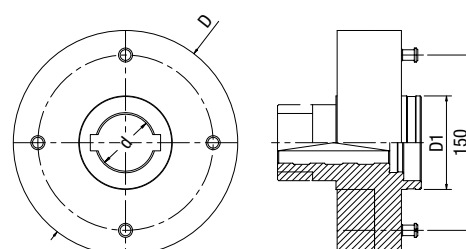
### FixAir 161 Hydro

| CODE | D1 | d2 | D   | d (dkn) |
|------|----|----|-----|---------|
|      | 60 | 80 | 160 | 35      |
|      | 60 | 80 | 160 | 40      |



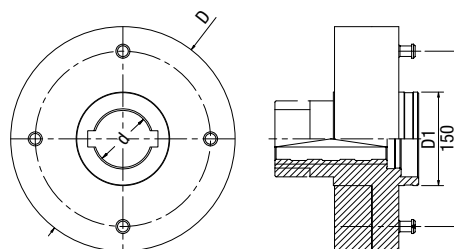
### FixAir 192

| CODE           | D1 | D   | d (dkn) |
|----------------|----|-----|---------|
| <b>4904010</b> | 80 | 192 | 35      |
| <b>4904020</b> | 80 | 192 | 40      |



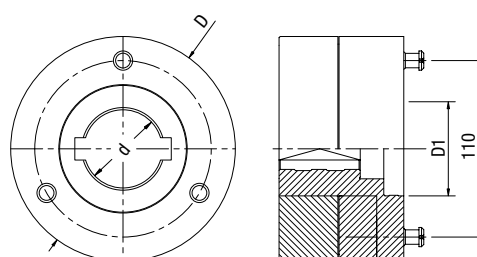
## FixAir 192 HYDRO

| CODE    | D1 | D   | d (dkn) |
|---------|----|-----|---------|
| 4905010 | 80 | 192 | 35      |
| 4905020 | 80 | 192 | 40      |



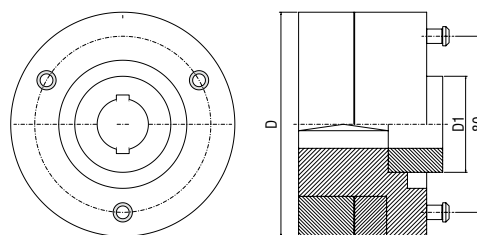
## FixAir 140

|         | D1 | D   | d (dkn) |
|---------|----|-----|---------|
| 4906010 | 60 | 140 | 30      |
| 4906020 | 60 | 140 | 35      |
| 4906030 | 60 | 140 | 40      |



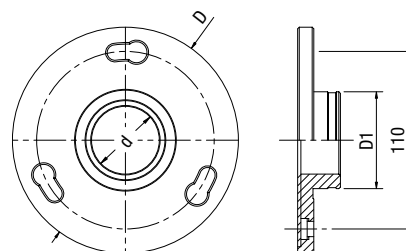
## FixAir 110

| CODE    | D1 | D   | d (dkn) |
|---------|----|-----|---------|
| 4907010 | 50 | 110 | 25      |
| 4907020 | 50 | 110 | 30      |
| 4907030 | 50 | 110 | 35      |



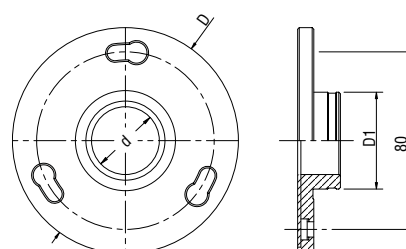
## Flangia porta incisore per FixAir 140 Scoring-Saw holder for FixAir 140

| CODE    | D1 | D   |
|---------|----|-----|
| 5000010 | 60 | 140 |



## Flangia porta incisore per FixAir 110 Scoring-Saw holder for FixAir 110

| CODE    | D1 | D   |
|---------|----|-----|
| 5001010 | 50 | 110 |





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